Stormwater Pollution Prevention Plan (SWP3)

Authorization No. OKR10#####

For Construction Activities At:

Project/Site Name
Project Site Location/Address
City, State, Zip Code
Project/Site Telephone Number

SWP3 Prepared For:

Company Name
Contact Person's Name
Address
City, State, Zip Code
Telephone Number

SWP3 Prepared By:

Company Name
Contact Person's Name
Address
City, State, Zip Code
Telephone Number

SWP3 Preparation Date:

__ __/ __ __ / __ __ __ __

Estimated Project Dates:

Project Start Date: __ __ / __ __ / __ __ __ __
Project Completion Date: __ __ / __ __ / __ __ __ __

This Page is Intentionally Left Blank

Table of Contents

Section 1: Stormwater Team and Project/Site Information 1-3

1.1 Stormwater Team 1-3

1.2 Nature of Construction Activity and Project Information 1-4

1.3 Operators and Contactor's Contact Information 1-6

1.4 Construction Support Activities (*if applicable*) 1-7

1.5 Sequence of Construction Activities 1-8

1.6 Allowable Non-Stormwater Discharges 1-9

Section 2: Site Description and Site Map 2-1

2.1 Receiving Waters/Discharge Information 2-1

2.2 General Location Map 2-2

2.3 Site Map 2-2

Section 3: Construction Site Pollutants 3-1

3.1 Pollutant-Generating Activities 3-1

3.2 List of Potential Pollutants 3-2

Section 4: Compliance with Federal and State Requirements 4-3

4.1 Endangered or Threatened Species Protection 4-3

4.2 Federal, State, or Local Historic Preservation Laws 4-4

4.3 TMDL Requirements 4-4

Section 5: Stormwater Control Measures 5-1

5.1 Stabilization Practices 5-1

5.2 Natural Buffers and/or Equivalent Sediment Controls 5-2

5.3 Structural Controls/Best Management Practices (BMPs) 5-3

5.3.1 Perimeter Control 5-5

5.3.2 Sediment Track-Out 5-5

5.3.3 Stockpiled Sediment or Soil 5-6

5.3.4 Minimize Dust 5-6

5.3.5 Minimize the Disturbance of Steep Slopes 5-6

5.3.6 Preserve Topsoil 5-7

5.3.7 Minimize Soil Compaction 5-7

5.3.8 Protection of Storm Drain Inlets 5-7

5.3.9 Constructed Stormwater Conveyance Channels 5-8

5.3.10 Sediment Basins 5-8

5.3.11 Dewatering Practices 5-9

5.3.12 Other Stormwater Controls 5-9

Section 6: Pollution Prevention Controls 6-1
6.1 Spill Prevention and Responses 6-1
6.2 Waste Management Procedures 6-1
6.3 Prohibited Discharges 6-3
Section 7: Procedures and Documentations 7-1
7.1 Maintenance and Repair 7-1
7.2 Approval from Local Office 7-1
7.3 Inspections 7-2
7.4 Corrective Action 7-3
7.5 Employee Training 7-4
7.6 Notification of Change of Ownership (NCO) for Individual Lots 7-4
7.7 Sub-contractor Certifications 7-4
7.8 Record Keeping and Record Retention 7-5
7.9 Posting a Notice 7-5
Section 8: Additional Monitoring (if applicable) 8-1
8.1 Support Activity Covered by this Plan 8-1
8.2 Representative Outfall(s) 8-1
8.3 Structural & Non-Structural BMPs 8-1
8.4 Quarterly Visual Monitoring 8-1
8.5 Comprehensive Site Compliance Evaluation 8-1
8.6 Numeric Effluent Limitation Monitoring for Asphalt Plant 8-2
8.7 Additional Procedures for Concrete Batch Plant 8-3
Section 9: SWP3 Certification 9-1
Section 10: SWP3 Modifications 10-1
Section 11: SWP3 Attachments & Additional Documentation 11-1

Section 1: Stormwater Team and Project/Site Information

1.1 Stormwater Team

Stormwater team members/operators are responsible for overseeing development of the SWP3, making any modifications to it, implementing and maintaining control measures, taking corrective actions when required, performing site inspection and monitoring, supervising pollution prevention and waste management activities, providing staff training, and communicating changes in the SWP3 to the people working on the site. The following personnel, along with their role and responsibility, will be part of the **stormwater team** for my construction site:

Team Lead #1 Primary Operator	**Roles & Responsibilities**
Name:	
Title:	
Phone #:	

Team Lead #2 Secondary Operator	**Roles & Responsibilities**
Name:	
Title:	
Phone #:	

Team Lead #3 (specify in Title)	**Roles & Responsibilities**
Name:	
Title:	
Phone #:	

Team Member #4 (specify in Title)	**Roles & Responsibilities**
Name:	
Title:	
Phone #:	

Team Member #5 (Specify in Title)	**Roles & Responsibilities**
Name:	
Title:	
Phone #:	

[Repeat as necessary]

1.2 Nature of Construction Activity and Project Information

Project/Site Name and Address	
Project/Site Name:	
Project/Site Street/Location:	
City:	**County**:
State:	**ZIP Code**:

General Description of the Project/Site: Click here to enter text.

Estimated project start date:	
Estimated project end date:	
Total area of the construction site:	**(acres)**
Estimated area to be disturbed:	**(acres)**
Estimated current impervious area at the site:	**(acres)**
Estimated impervious area after construction:	**(acres)**
Pre-construction runoff coefficient of the site:	
Post-construction runoff coefficient of the site:	
Purpose of the Construction Project/Site: ☐ Residential ☐ Commercial ☐ Wind Farm ☐ Road/Bridge ☐ Other(s), please specify: Click here to enter text.	

Project Latitude/Longitude **(**Physical entrance **OR** for linear project, include latitude/longitude of **start and end points)**	
Latitude:	**Longitude:**
1. _ _ ° _ _ ' _ _._ _ '' N (degrees, minutes, seconds)	1. _ _ ° _ _ ' _ _._ _ '' W (degrees, minutes, seconds)
2. _ _ . _ _ _ _ ° N (decimal)	2. _ _ . _ _ _ _ ° W (decimal)
Latitude:	**Longitude:**
1. _ _ ° _ _ ' _ _._ _ '' N (degrees, minutes, seconds)	1. _ _ ° _ _ ' _ _._ _ '' W (degrees, minutes, seconds)
2. _ _ . _ _ _ _ ° N (decimal)	2. _ _ . _ _ _ _ ° W (decimal)
Method for determining latitude/longitude:	
☐ DEQ Flex-viewer ☐ EPA Website	☐ USGS topographic map ☐ GPS

Description of soil type(s) and fill materials:
Description of slopes (describe existing slopes and note any changes due to grading or fill activities):
Description of drainage patterns (describe existing drainage patterns and note any changes dues to grading or fill activities):
Description of existing or baseline vegetation on or immediately surrounding the project area:
Climate/Rainfall Patterns - check the box that applies:
☐ (0-20" annual rainfall) ☐ (20" -30" annual rainfall) ☐ (30"-40" annual rainfall) ☐ (40" -50" annual rainfall) *(**Note:** Annual rainfall data can be found at the following link: https://www.mesonet.org/index.php/weather/category/rainfall)*

1.3 Operators and Contactor's Contact Information

Operator(s) Information:		
Name:		
Address:		
City:	State:	Zip Code:
Operator's Point of Contact:		
Telephone Number:		
Email address:	Fax number:	

(Repeat for multiple operators by copying and pasting the above rows)

Contractor's Information:		
Name:		
Address:		
City:	State:	Zip Code:
Telephone Number:		
Email address:	Fax number:	

(If owner is a separate entity)

Sub-Contractor's Information:		
Name:		
Address:		
City:	State:	Zip Code:
Telephone Number:		
Email address:	Fax number:	

(If owner is a separate entity)

SWP3 Contact(s):	
SWP3 Contact Name (Primary):	
Telephone number:	
Email address:	Fax number:
SWP3 Contact Name (Secondary):	
Telephone number:	
Email address:	Fax number:

1.4 Construction Support Activities (*if applicable*)

List of construction support activities that will be present at the construction project/site:

*(**Note-1: Locate** all the construction support activities on the site map (included in Section 2.2 in SWP3 template). **Appropriate/additional** controls & measures are required for construction support activities. Support activities should not be located within the watershed of an Outstanding Resource Water (ORW). See Addendum B of permit for ORW areas.*

***Note-2:** Include **Section 8** if you have Concrete Batch Plant and/or Asphalt Plant as construction support activities at your construction site. Exclude/delete Section 8 if you don't have Concrete Batch Plant and/or Asphalt Plant at your construction site.)*

Type of Construction Support Activities [1]	Will be Present at the Construction Site?
Equipment Staging Yards	☐ Yes ☐ No
Material Storage Areas	☐ Yes ☐ No
Excavated Material Disposal Areas	☐ Yes ☐ No
Borrow Areas	☐ Yes ☐ No
Concrete Batch Plant [2]	☐ Yes ☐ No
Asphalt Plant [2]	☐ Yes ☐ No

1.5 Sequence of Construction Activities

*(**Note:** You may edit sequence of construction activities in the following table to reflect your project's sequences along with estimated start date and duration. Make sure to update for all locations/operators involved.)*

No.	Sequence of Construction Activities	Estimated Start Date	Duration (in Days)
1.	Construction access/entrance to site, construction routes, areas designated for equipment parking/staging area		
2.	Silt fences, berm or similar control measures as perimeter control		
3.	Land clearing and grading, site preparation (cutting, filling, and grading, sediment traps, barriers, diversions, drains, surface roughening)		
4.	Runoff control diversions, perimeter dikes, water bars, outlet protection		
5.	Inlet/outlet protection, sediment traps and/or sediment basin		
6.	Runoff conveyance system, stabilize stream banks, storm drains, channels, inlet and outlet protection, slope drains		
7.	Surface stabilization - temporary and permanent hydraulic mulching, hydroseeding, straw mulch, sodding, riprap		
8.	Building construction - buildings, utilities, paving etc.		
9.	Landscaping and final stabilization, top-soiling, trees and shrubs, permanent seeding, mulching, sodding, riprap		
10.	Removal of all structural controls where applicable		

1.6 Allowable Non-Stormwater Discharges

List of allowable non-stormwater discharges that will be present at the construction site:

*(**Note:** You are required to identify the likely locations of these allowable non-stormwater discharges on your **site maps**.)*

No.	Type of Allowable Non-Stormwater Discharge	Likely to be Present at Construction Site?
1.	Fire hydrant flushing	☐ Yes ☐ No
2.	Waters used to wash vehicles and equipment	☐ Yes ☐ No
3.	Water used to control dust	☐ Yes ☐ No
4.	Potable water including uncontaminated water line flushing	☐ Yes ☐ No
5.	Routine external building wash down	☐ Yes ☐ No
6.	Pavement washing waters	☐ Yes ☐ No
7.	Uncontaminated air conditioning or compressor condensate	☐ Yes ☐ No
8.	Uncontaminated, non-turbid discharges of ground water or spring water	☐ Yes ☐ No
9.	Foundation or footing drains	☐ Yes ☐ No
10.	Landscape Irrigation	☐ Yes ☐ No
11.	Discharges from emergency fire-fighting activities	☐ Yes ☐ No
12.	Uncontaminated construction dewatering water	☐ Yes ☐ No

Section 2: Site Description and Site Map

2.1 Receiving Waters/Discharge Information

Receiving Water body's Information: Stormwater discharges from this construction project will flow to the following receiving water body(ies).

No.	Name of the Receiving Waters	Is this surface water listed as impaired?	Cause of Impairment [1]	Has a TMDL [2] been completed?	TMDL Pollutant(s)
1.		☐ Yes ☐ No		☐ Yes ☐ No	
2.		☐ Yes ☐ No		☐ Yes ☐ No	
3.		☐ Yes ☐ No		☐ Yes ☐ No	
4.		☐ Yes ☐ No		☐ Yes ☐ No	
5.		☐ Yes ☐ No		☐ Yes ☐ No	

*(**Note:** Name of the receiving waters can be found at the DEQ website using the following link: https://gis.deq.ok.gov/maps. Cause of impairment and TMDL information can be found at the DEQ website using the following link: https://www.deq.ok.gov/water-quality-division/watershed-planning/integrated-report/)*

[1] *If you discharge to an impaired water that is impaired for **Sediment and/or Turbidity and located within 1 mile** (as described in Part 3.4 of OKR10 permit), you are required to comply with the additional requirements in Part 4.6.B of OKR10 permit.*

[2] *Total Maximum Daily Load (TMDL)*

Does the project/site discharge stormwater to an **Aquatic Resource of Concern (ARC)** or an **Outstanding Resource Water (ORW)**?

☐ Yes ☐ No, If yes, I must comply with specific buffer requirements (*see Table 4-1 and Part 4.6.B of OKR10 permit*) and stabilization deadline requirements (*see Parts 4.3.A and 4.6.B of OKR10 permit*).

*(**Note:** ARC maps can be found at the following link: https://www.deq.ok.gov/wp-content/uploads/water-division/OKR10-Sensative-Area.png ORW maps can be found in Addendum B of OKR10 permit)*

Does the project/site discharge stormwater into a Municipal Separate Storm Sewer System (MS4)?

☐ Yes ☐ No

If yes, what is the name of the MS4 operator? _____

Note: *See Table C.7 in the MS4 Permit Factsheet, link: https://www.deq.ok.gov/wp-content/uploads/water-division/2021_OKR04_Factsheet.pdf .*

2.2 General Location Map

Provide a general location map (e.g., DEQ GIS Data Viewer or U.S. Geological Survey (USGS), link: https://gis.deq.ok.gov/maps/, quadrangle map or aerial image from the internet) with enough detail to identify the location of your facility and all receiving waters for your stormwater discharges within one mile of the construction site (*see Part 5.3.F of the OKR10 permit*).

☐ A **general location map** is included in **Attachment A** of this SWP3.

2.3 Site Map

SWP3 includes a legible site map or series of site maps/erosion and sediment control plans showing all the features (*see also Part 5.3.F of OKR10 permit*) listed below:

- Pre-construction topographic view including vegetation, showing the location of
  - ✓ all surface water bodies within one mile of the site (including wetlands); and
  - ✓ direction of stormwater flow across the construction site (i.e., use arrows to show which direction stormwater will flow);
- Boundaries of property and identify the location(s) of:
  - ✓ Earth-disturbing activities;
  - ✓ boundary lines of any natural buffers;
  - ✓ approximate slopes before and after major grading activities,
  - ✓ areas of steep slopes, surface water crossings, Structures and other impervious surfaces upon completion of construction
- Locations of all structural and nonstructural controls/BMPs identified in the plan including showing the location of:
  - ✓ construction entrance/exit,
  - ✓ concrete wash-out area,
  - ✓ construction support activity areas such as locations of off-site materials, waste, borrow area, or equipment storage area;
  - ✓ stockpiled materials (sediment, topsoil, etc.), and
  - ✓ locations of all potential pollutant-generating activities;
- Locations where stormwater and allowable non-stormwater will be discharged off-site (should be continuously updated); sampling locations if project is subject to numeric limitations due to presence of an asphalt batch plant;
- Location where stabilization practices are expected to occur; Areas where final stabilization will be accomplished and no further construction phase permit requirements apply.

☐ The **site map or series of maps** for this facility can be found in **Attachment B** of this SWP3 showing all the above-mentioned features in Part 2.3 of this SWP3.

Section 3: Construction Site Pollutants

3.1 Pollutant-Generating Activities

Potential sources of sediment to stormwater runoff:

Clearing and grubbing operations, grading and site excavation operations, vehicle tracking, topsoil stripping and stockpiling, landscaping operations

Potential sources of pollutants, other than sediment, to stormwater runoff:

- Combined Staging Area - small fueling activities, minor equipment maintenance, sanitary facilities, and hazardous waste storage.
- Materials Storage Area - general building materials, solvents, adhesives, paving materials, paints, aggregates, trash, etc.
- Construction Activity - paving, curb/gutter installation, concrete pouring/mortar/stucco, and building construction
- Concrete Washout Area

3.2 List of Potential Pollutants

List of Pollutants that can be present at the construction site:

*(**Note:** Check all the boxes applicable to your project site; include additional pollutants, if necessary, in the space below)*

Check	Materials/ Chemicals	Stormwater Pollutants	Location at the Site
☐	Dirt from land disturbed area	Sediment	
☐	Pesticides (insecticides, fungicides, herbicides, rodenticides)	Chlorinated hydrocarbons, organophosphates, carbonates, arsenic	
☐	Fertilizer and dirt/soil	Nitrogen, phosphorous	
☐	Plaster	Calcium sulphate, calcium carbonate, sulfuric acid	
☐	Cleaning solvents	Perchloroethylene, methylene chloride, trichloroethylene, petroleum distillates	
☐	Asphalt	Oil, petroleum distillates	
☐	Concrete	Limestone, sand, pH, chromium	
☐	Glue, adhesives	Polymers, epoxies	
☐	Paints	Metal oxides, Stoddard solvent, talc, calcium carbonate, arsenic	
☐	Curing compounds	Naphtha	
☐	Wood preservatives	Stoddard solvent, petroleum distillates, arsenic, copper, chromium	
☐	Hydraulic oil/fluids	Mineral oil	
☐	Gasoline	Benzene, ethyl benzene, toluene, xylene, MTBE	
☐	Diesel Fuel	Petroleum distillate, oil & grease, naphthalene, xylenes	
☐	Antifreeze/coolant	Ethylene glycol, propylene glycol, heavy metals (copper, lead, zinc)	
☐	Sanitary toilets	Bacteria, parasites, and viruses	
☐			
☐			

Section 4: Compliance with Federal and State Requirements

4.1 Endangered or Threatened Species Protection

Eligibility Criterion

Under which criterion listed in NOI is the construction project/site eligible for coverage under the OKR10 permit?

*(**Note:** ARC maps can be found at the following link: https://www.deq.ok.gov/wp-content/uploads/water-division/OKR10-Sensative-Area.png*

☐ **A** ☐ **B** ☐ **C** ☐ **D** ☐ **E**

For reference purposes, the eligibility criteria listed in Part 2.5.B.3 of OKR10 permit are as follows:

Criterion A. Criterion A requires that proposed construction site or land disturbing activity is not located within any of the corridors of the federal or state identified aquatic resource of concern ("ARC"), and further investigation is not required.

Criterion B. Criterion B requires that the proposed construction site or land disturbing activity is located within a corridor of a federal or state identified ARC. Operators must provide and implement measures to protect the endangered or threatened species or their critical habitat; these measures must be identified in the NOI and described in the facility's SWP3.

Criterion C. Criterion C requires that the applicant use Addendum D to evaluate alternatives of buffer requirements and select equivalent sediment controls or contact DEQ for further consultation if one of those eligibility criteria under Part 2.5.B.3.b, d, ore cannot be met.

Criterion D. Criterion D requires that the applicant's federally approved construction activities are authorized by the appropriate federal or state agency and that authorization addresses the Endangered Species Act Section 7 consultation for the storm water discharge or storm water discharge-related activities. Applicants selecting option d must include documentation from U.S. Fish and Wildlife Service ("USFWS") or a qualified biologist that demonstrates Section 7 consultation has been completed. The SWP3 must comply with and be updated to include any conditions resulting from that consultation.

Criterion E. Criterion E requires that the applicant's storm water discharges and storm water discharge-related activities are already addressed in another operator's certification of eligibility that includes the applicant's project area. By certifying eligibility under this part, the applicant agrees to comply with applicable measures or controls upon which the other operator's certification was based.

Note: For Criterion B, C, D, or E, you may subject to comply with additional requirements.

4.2 Federal, State, or Local Historic Preservation Laws

Will stormwater discharges or stormwater discharge-related activities (e.g., catch basin, pond, culver, etc.) affect a property that is protected by Federal, State, or local historic preservation laws? ☐ Yes ☐ No

If yes, describe any actions taken to mitigate those effects: Click here to enter text.

Describe how this determination was made: Click here to enter text.

4.3 TMDL Requirements

If a TMDL or watershed plan or local compliance plan has been approved for the waterbody, SWP3 must include all the applicable requirements in consistent with the TMDL or watershed plan or local compliance plan that are applicable to the stormwater discharges from the construction site.

Does the construction project/site discharge stormwater into a receiving stream that has an approved TMDL or watershed plan or local compliance plan?

☐ Yes ☐ No

If yes, is there any waste load allocations (WLAs) and/or the TMDL's associated implementation plan requirements applicable to stormwater discharges from the construction activity?

☐ Yes ☐ No

If yes, SWP3 must incorporate any limitations, conditions, or requirements applicable to permittee's discharges to ensure that the waste load allocations (WLAs) and/or the TMDL's associated implementation plan will be met within any timeframe established in the TMDL report or watershed plan. Monitoring and reporting of the discharges may also be required as appropriate to ensure compliance with the TMDL or watershed plan.

Note: *Approved TMDL reports or watershed plans can be downloaded from DEQ's website at* https://www.deq.ok.gov/water-quality-division/watershed-planning/tmdl/completed-tmdls/.

Does the construction project/site discharge stormwater to the **Lake Thunderbird watershed**?

☐ Yes ☐ No

If yes, the following control measures will be used to meet the Lake Thunderbird TMDL requirements:

- ☐ **Additional Pollutant Prevention or Discharge Monitoring** - You must comply with any additional requirements established by the local MS4 municipalities;
- ☐ **Sites of Five Acres or Larger** - You must submit a copy of SWP3 to DEQ for review;
- ☐ **Vegetated Buffer** - You must ensure that a vegetated buffer of at least 100 feet is retained or successfully established or planted between the area disturbed and all receiving streams. If the nature of the construction activity or the construction site makes a buffer impossible, you must provide equivalent controls. There are exceptions from this requirement for water crossings, limited water access, and stream restoration authorized under a CWA Section 404 permit;
- ☐ **Sediment Basins** - For all drainage locations serving 5 or more acres disturbed at one time, you must use a temporary or permanent sediment basin and/or sediment traps to minimize sediment discharges;
- ☐ **Site Inspection** - You must conduct site inspections once every 7 calendar days at a minimum, and within 24 hours of a storm event of 0.5 inches or greater and within 24 hours of a discharge caused by snowmelt;
- ☐ **Corrective Actions** - You must implement corrective actions (e.g., repair, modify, or replace any stormwater control used at the site, clean up and dispose of spills, releases, or other deposits, or remedy a permit violation) by no later than 7 calendar days from the time of discovery. If it is infeasible to complete the installation or repair within 7 calendar days, you must document in your records why it is infeasible to complete the installation or repair within the 7 calendar days timeframe and document your schedule for installing the stormwater controls and making them operational as soon as practicable after the 7 days timeframe;
- ☐ **Stabilization** - You must initiate stabilization measures immediately whenever earth-disturbing activities have permanently or temporary ceased on any portion of the site and will not resume for a period exceeding 14 calendar days. You are required to complete the stabilization activities within 7 calendar days after the permanent or temporary cessation;
- ☐ **Soil Nutrient Testing** - You are required to conduct a soil nutrient test to determine actual nutrient needs before applying fertilizer on your site. Fertilizer application must be limited to that necessary to meet actual needs on the site.
- ☐ Describe any additional measures or controls you will implement to comply with the Lake Thunderbird TMDL requirements: Click here to enter text.

Section 5: Stormwater Control Measures

The purpose of the implementation of different stormwater pollution controls is to reduce pollutants in the stormwater and the volume of stormwater leaving the construction site. All pollution control measures will be selected, installed, and maintained in accordance with the manufacturer's specifications and good engineering practices.

5.1 Stabilization Practices

Type of Site Stabilization Practice(s) that will be implementing at the construction project/site (select all that apply):

☐ Temporary ☐ Permanent ☐ Vegetative ☐ Non-Vegetative

Deadline to Initiate Stabilization: I shall initiate stabilization measures **immediately** whenever earth-disturbing activities have permanently or temporarily ceased on any portion of the site and will not resume for a period of 14 or more calendar days.

Deadline to Complete Stabilization:

☐ I shall complete stabilization measures **as soon as practicable** but no later than 14 calendar days after the initiation of soil stabilization.

☐ My project/site is located in ARC/discharge to ORW; I shall complete stabilization measures **as soon as practicable** but no later than 7 calendar days after the initiation of soil stabilization.
*(**Note:** ARC maps can be found at the following link:*
https://www.deq.ok.gov/wp-content/uploads/water-division/OKR10-Sensative-Area.png
ORW maps can be found in Addendum B of OKR10 permit)

Temporary Non-Vegetative Stabilization: The following **non-vegetative** controls/BMPs will be used to temporarily stabilize exposed portions of the construction site (*select all that apply*):

☐ **Rolled erosion control products such as geotextiles, blankets or plastic cover** ☐ **Soil binders**

☐ **Straw mulch** ☐ **Wood mulch** ☐ **Compost Blanket** ☐ **Other, _____**

If any of the above-referenced controls is used to temporarily protect areas that are being vegetative stabilized, one of the effective non-vegetative cover will be used to stabilize any such exposed portions of our site.

Temporary Vegetative Stabilization: The following **vegetative** controls will be used to temporarily stabilize the exposed portions of the construction site (*select all that apply*):

☐ **Hydroseeding with mulch** ☐ **Sod** ☐ **Other, _____**

Permanent Vegetative Stabilization: The following **vegetative** controls will be used to permanently stabilize the exposed portions of the construction site (*select all that apply*):

☐ **Hydroseeding with mulch** ☐ **Sod** ☐ **Planted vegetation** ☐ **Other, _____**

One of the following criteria will be used for vegetative cover:

- Provide a vegetative cover which covers 70% or more of the vegetation prior to commencing earth-disturbing activities and no large bare areas (10 square feet).
- Immediately after seeding, you must select, design, and install non-vegetative erosion controls that provide cover (such as ***straw mulch, jute matting, and straw blankets***) to the area while vegetation is being established.

Stabilization Practices Record: 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: _____

A record of the dates when grading activities occur will be documented using the Grading & Stabilization Activity logs in **Attachment-I** of this SWP3.

5.2 Natural Buffers and/or Equivalent Sediment Controls

Buffer Compliance Alternatives

Are there any **waters of the State** that are located within 50 feet (or 100 feet if the construction site is a high priority construction site (*see Part 3.4 of OKR10 permit*) or located in Lake Thunderbird Watershed) of your construction disturbances as measured from the top of the bank to the disturbed portions of your site?

☐ Yes ☐ No

*(**Note:** Waters of the State means all named/unnamed stream, creeks, rivers, lakes, ponds, marshes, watercourses, waterways, wells, springs, irrigation systems, drainage systems, storm sewers and all other bodies or accumulations of water, surface and underground, natural or artificial, public or private located within the boundary of Oklahoma State.)*

If Yes, check the compliance alternative that you have chosen:

☐ I will provide and maintain a 50 feet (or **100 feet** if the construction site is a high priority construction site or located in Lake Thunderbird Watershed) undisturbed natural buffer.

*(**Note 1:** See Table 4-1 of OKR10 permit for exceptions to above buffer requirements.)*

*(**Note 2:** You must show the boundary line of the natural buffer on your site map.)*

*(**Note 3:** You must show on your site map how all discharges from your construction disturbances through the natural buffer area will first be treated by the site's erosion and sediment controls.)*

☐ I will provide and maintain an undisturbed natural buffer that is less than 50 feet (or **100 feet** if the construction site is located in ARC or ORW or Lake Thunderbird Watershed) and is supplemented by additional erosion and sediment controls, which in combination achieves the sediment load reduction equivalent to required undisturbed natural buffer.

*(**Note 1:** See Table 4-1 of OKR10 permit for exceptions to above buffer requirements.)*

*(**Note 2:** You must show the boundary line of the natural buffer on your site map.)*

*(**Note 3:** You must show on your site map how all discharges from your construction disturbances through the natural buffer area will first be treated by the site's erosion and sediment controls.)*

i. Width of natural buffer to be retained: _____

ii. Method used to determine equivalent sediment load reduction:

☐ Addendum-I: Buffer Guidance in OKR10 permit

a. Soil Type: _____

b. Buffer Vegetation: _____

OR

☐ Site-specific calculation

a. Model or other tool used to estimate sediment load reductions:

_____

b. Results of calculations: _____

_____

c. Description of additional erosion and sediment controls used:

_____

_____

☐ It is infeasible to provide and maintain an undisturbed natural buffer of any size; therefore, I will implement erosion and sediment controls that will achieve the sediment load reduction equivalent to a 50 feet (or 100 feet if the construction site is located in ARC or ORW or Lake Thunderbird Watershed) undisturbed natural buffer.

i. Rationale for concluding that it is infeasible to provide and maintain a natural buffer of any size:

_____

_____

ii. Method used to determine equivalent sediment load reduction:

☐ Addendum-I: Buffer Guidance in OKR10 permit

a. Soil Type: _____

b. Buffer Vegetation: _____

OR

☐ Site-specific calculation

a. Model or other tool used to estimate sediment load reductions:

_____

b. Results of calculations: _____

_____

c. Description of additional erosion and sediment controls used:

_____

☐ I qualify for one of the following exceptions (*select one that applies to your project/site*):

☐ There is no discharge of stormwater to the surface water that is located 50 feet from my construction disturbances.

☐ No natural buffer exists due to preexisting development disturbances that occurred prior to the initiation of planning for this project.

☐ Buffer disturbances are authorized under a CWA Section 404 permit.

☐ Buffer disturbances will occur for the construction of a water-dependent structure or water access area (e.g., pier, boat ramp, and trail).

5.3 Structural Controls/Best Management Practices (BMPs)

The table below listed Structural and Non-Structural Stormwater Controls/Best Management Practices (BMPs) that should be considered for every construction project/site to meet **the non-numeric technology-based effluent limitations, water-based effluent limitations and applicable numeric technology-based effluent limitations.**

The following BMPs will be used or implemented at the construction project/site (*select all that apply*):

	Erosion Controls		**Sediment Controls**
☐	Preservation of Existing Vegetation	☐	Silt Fence
☐	Vegetative Swales	☐	Silt Dikes
☐	Hydroseeding with Mulch	☐	Compost Sock
☐	Hydraulic Mulch	☐	Check Dam
☐	Wood Mulching	☐	Fiber Rolls
☐	Straw Mulching	☐	Storm Drain Inlet Protection
☐	Compost Blankets	☐	Outlet Protection/Velocity Dissipation Devices
☐	Soil Binders	☐	Earth Berms and Drainage Swales
☐	Geotextiles and Mats	☐	Sand Bag Barrier
☐	Soil Preparation/Roughening	☐	Gravel Bag Berm/Barrier
☐	Sod	☐	Sediment Basin
☐	Streambank Stabilization	☐	Sediment Trap
	Tracking Controls	☐	Rip-rap
☐	Stabilized Construction Entrance/Exit	☐	Gabions
☐	Stabilized Construction Roadway		**Non-Structural Controls**
☐	Entrance/Exit Tire Wash	☐	Phasing and Scheduling
☐	Street Sweeping and Vacuuming	☐	Dust Suppression
	Other Structural Controls	☐	Dust Suppression
☐	Vegetative Buffers	☐	Good Housekeeping
☐	Non-Vegetative Stabilization	☐	Preventive Maintenance
☐	Concrete Waste Management	☐	Preservation of Top Soil
☐	Dewatering Controls	☐	Minimizing Soil Compaction
☐		☐	Fertilizer Application Management
☐		☐	

Did you **include specifications** of all the selected structural BMPs with the SWP3?

☐ Yes ☐ No, if no, explain the reason: Click here to enter text.

5.3.1 Perimeter Control

Permit requirement: *You must install controls along the perimeter of your site that will receive stormwater from your construction activities. (Examples of perimeter controls include, but are not limited to, **silt fences, fiber rolls, filter berms**, and **temporary diversion dikes.**)*

To comply with Part 4.2.C of OKR10 permit, I shall use the following type of perimeter control(s) at my construction site:

Perimeter Control Description: _____

_____

Installation Date(s): _____

Maintenance Requirements: I shall remove sediment before it has accumulated to one-half of the above-ground height of any perimeter control. Silt fence will be inspected for rips or tears in the fabric, areas where the fence has been knocked down and areas where the fence has been undermined.

5.3.2 Sediment Track-Out

Permit requirement: *You must minimize the track-out of sediment onto off-site streets, other paved areas, and sidewalks from vehicles exiting your construction site. (**Note:** you may use most recent ODOT or OKC specifications for construction entrance/exit - use of aggregate stone with an underlying **geotextile or non-woven filter fabric, or turf mats.**)*

To comply with the Part 4.2.D of OKR10 permit, I shall use the following type of sediment track-out control at my construction site:

Track-Out Control/Construction Entrance/Exit Description: _____

_____

Installation Date(s): _____

Maintenance Requirements: I shall minimize the track-out of sediment onto off-site streets, other paved areas, and sidewalks from vehicles exiting our construction site.

Track-out Removal/Cleaning:

☐ I shall remove the track-out by sweeping, shoveling, or vacuuming these surfaces, or by using other similarly effective means of sediment removal.

☐ I shall remove the deposited sediment by the **end of the same work day** in which the track-out occurs or by the end of the next work day if track-out occurs on a non-work day where sediment has been tracked-out from my construction site onto the surface of off-site streets, other paved areas, and sidewalks.

☐ I am prohibited from hosing or sweeping tracked-out sediment into any stormwater conveyance (unless it is connected to a sediment basin, sediment trap, or similarly effective control).

5.3.3 Stockpiled Sediment or Soil

Permit requirement: *You must control discharge of stormwater from Stockpiled Sediment or Soil.*

To comply with the Part 4.2.E of OKR10 permit, I shall use temporary perimeter sediment barrier such as ***berms, dikes, fiber rolls, silt fences, sandbag, or gravel bags*** to protect from contact with stormwater (including run-on).

I shall use appropriate cover or temporary stabilization such as ***mulching or hydro-mulching*** to avoid direct contact with precipitation or to minimize sediment discharge.

Installation Date(s): _____

Maintenance Requirements: I shall not hose down or sweep soil or sediment accumulated on pavement or other impervious surfaces into any stormwater conveyance (unless connected to a sediment basin, sediment trap, or similarly effective control), storm drain inlet, and/or surface water.

5.3.4 Minimize Dust

Permit requirement: *You must minimize the generation of dust to avoid pollutant discharges to the extent feasible through application of water or other dust suppression techniques.*

Dust Control Description: To comply with the permit requirement and to avoid any pollutants, particularly soil/sediment, from being discharged into surface waters, I shall apply/spray water using spray truck or sprinklers to minimize the generation of dust from my construction site.

5.3.5 Minimize the Disturbance of Steep Slopes

Permit requirement: *You must minimize the disturbance of steep slopes (i.e., slopes of 40% or greater).*

Steep Slope Control Description: _____

_____

Installation Date(s): _____

Maintenance Requirements: Click here to enter text.

5.3.6 Preserve Topsoil

Permit requirement: *You must preserve native topsoil on your site, unless infeasible; you must stockpile and reuse it in areas that will be stabilized with vegetation.*

Topsoil Control Description: I shall preserve native topsoil on our site as much as possible and practicable.

Maintenance Requirements: I shall stockpile and reuse preserved top soil in areas that will be stabilized with vegetation.

5.3.7 Minimize Soil Compaction

Permit requirement: *In areas of your site where final vegetative stabilization will occur or where infiltration practices will be installed, you must minimize soil compaction.*

Soil Compaction Control Description: In areas of your site where final vegetative stabilization will occur or where infiltration practices will be installed, I shall restrict vehicle and/or equipment use in these areas to avoid or minimize soil compaction.

5.3.8 Protection of Storm Drain Inlets

Permit requirement: *If you discharge to a storm drain inlet that you have access to, you must install protection measures that remove sediment from your stormwater discharge. (Examples of inlet protection measures include **fabric filters, sandbags, or gravel barriers** -- Install inlet protection measures that remove sediment from your discharge prior to entry into the storm drain inlet.)*

Storm Drain Inlet Control Description: Click here to enter text.

Installation Date(s): _____

Maintenance Requirements: I shall clean, or remove and replace the protection measures as sediment accumulates, the filter becomes clogged, and/or performance is compromised. Where there is evidence of sediment accumulation adjacent to the inlet protection measure, I shall remove the deposited sediment by **the end of the same work day** in which it is found or by the end of the following work day if removal by the same work day is not feasible.

5.3.9 Constructed Stormwater Conveyance Channels

*(**Note:** Examples of velocity dissipation devices include **check dams, sediment traps, riprap, or grouted riprap at outlets**, include design specifications)*

Stormwater Conveyance Channel Control Description: Click here to enter text.

☐ If Silt dikes/Check dams are **used in series**, I shall space them at appropriate interval so that ***the base of the upstream dike is at the same elevation as the top of the next downstream dike***. Spacing of silt dikes/check dams is indicated on the site plans of SWP3.

Installation Date(s): _____

Maintenance Requirements: all check dams/rip-rap will be inspected during facility inspection for erosion, undermining or breeches. Any damage will be repaired immediately.

5.3.10 Sediment Basins

Permit requirement*: For common drainage locations that serve an area of 10 or more acres disturbed at one time (or 5 acres if site is a high priority construction site), a temporary (or permanent) sediment basin shall be provided where attainable until final stabilization of the site.*

Are 10 or more (or 5 or more if site is a high priority construction site) 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: _____

OR

☐ 2-year, 24 hour storm: _____

OR

☐ Other criteria were used to design basin: _____
_____

If no, explain why no sedimentation basin was included and describe required natural buffer areas and other controls implemented instead: _____
_____
_____

Maintenance Requirements: I shall keep the sediment basin in effective operating condition and remove accumulated sediment to maintain at least ½ of the design capacity of the sediment basin at all times.

5.3.11 Dewatering Practices

Permit requirement: *You are prohibited from discharging stormwater that is removed from excavations, trenches, foundations, vaults, or other similar points of accumulation associated with a construction activity, unless such waters are first effectively managed by appropriate controls.*

Dewatering Practice Description: Click here to enter text.

Installation Date(s): _____

Maintenance Requirements: Click here to enter text.

5.3.12 Other Stormwater Controls

Stormwater Control Practice # 1

Description: Click here to enter text.

Installation Date(s): _____

Maintenance Requirements: Click here to enter text.

Stormwater Control Practice # 2

Description: Click here to enter text.

Installation Date(s): _____

Maintenance Requirements: Click here to enter text.

Section 6: Pollution Prevention Controls

6.1 Spill Prevention and Responses

Spill Prevention

Is there an existing Spill Prevention Control and Countermeasure (SPCC) plan developed for the site?

☐ Yes ☐ No, if yes, keep a copy of the SPCC plan onsite with this SWP3.

If No, describe procedures for quickly stopping, containing, and cleaning up spills, leaks, and other releases:

_____
_____
_____

Emergency Spill Notification

In case of a toxic or hazardous material spill, notify:	Phone Numbers
Project Manager/Team Leader	
Emergency – Fire, Police	911
County Local Emergency Planning Committee (LEPC)	
DEQ Spill Reporting Hotline (24-hr)	800-522-0206
NRC (National Response Center)	800-424-8802

6.2 Waste Management Procedures

All wastes generated at the construction site, including, but not limited to, clearing and demolition debris, sediment removed from the site, construction and domestic waste, hazardous or toxic waste, and sanitary waste, shall be prevented from being discharged to Waters of the State. The following BMP measures will be used to handle trash disposal, hazardous or toxic waste, sanitary waste, recycling, and proper material handling:

☐ **Trash Dumpsters:** dumpsters will have a secure watertight lid, will be closed during precipitation or not in use, and will be placed away from stormwater conveyances and drains, and meet all federal, state, and municipal regulations. Only trash and construction debris from the site will be deposited in the dumpster. No construction materials will be buried on site.

☐ **Hazardous Waste Containment:** hazardous waste materials will be stored in appropriate and clearly marked containers and segregated from other non-waste materials.

☐ **Portable Toilets:** portable toilets will be secured to prevent tipping, located away from stormwater inlets and conveyances. These toilets will be anchored with the ground to prevent any tipped or knocked over and/or sand bags around to ensure wastewater doesn't mix with the stormwater.

☐ **Recycling Bins/Dumpsters**: wood pallets, cardboard boxes, and other recyclable construction scraps will be disposed of in a designated dumpster for recycling. The dumpster will have a secure watertight lid, will be closed during precipitation or not in use, and will be placed away from stormwater conveyances and drains and meet all local and state solid-waste management regulations.

☐ **Proper Material Handling:** containers will be tightly sealed when not in use, and excess paint shall be disposed of according to Oklahoma requirements and manufacturer's recommendations. Minimum amounts of fertilizer, as recommended by the manufacturer, will be used. Upon application the fertilizer will be worked into the soil to limit exposure to stormwater. Contents of partially used bags will be transferred to a sealable plastic bin, and then stored in a covered area.

☐ **Good housekeeping:** construction debris, trash, and other floatable material will be collected and prevented from becoming a pollutant source on the following schedule:
Click here to enter text.

☐ **Minimizing exposure:** construction products, materials, chemicals, and wastes will be stored in such a way that they are prevented from coming into contact with stormwater (e.g., plastic sheeting or temporary roofs).

☐ **Designated concrete washout:** all concrete washwater will be directed into a leak-proof container or pit. The container or pit will be designed so that no overflows can occur due to inadequate sizing or precipitation and located as far away as possible from surface waters and stormwater inlets or conveyances. I shall use ***compacted clay liner, 20 mil synthetic liners or similar equivalent liners*** to make the pit leak proof.

☐ Other: Click here to enter text.

6.3 Prohibited Discharges

The following discharges from the construction project/site are prohibited under the permit, and are considered a violation should any occur.

- Wastewater from the washout of concrete, unless managed by an appropriate control as described in Part 4.4.H of OKR10 permit;
- Wastewater from the washout and cleanout of stucco, paint, form release oils, curing compounds and other construction materials, unless managed by an appropriate control as described in Part 4.4.H of OKR10 permit;
- Fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance;
- Soaps, detergents or solvents used in vehicle and equipment washing; and
- Toxic or hazardous substances from a spill or other release.

☐ In the event that one of these above-mentioned discharges occurs, I will take corrective action consistent with Part 7.4 of this SWP3.

Section 7: Procedures and Documentations

7.1 Maintenance and Repair

I shall ensure that all pollution prevention controls installed in accordance with the requirements of OPDES Construction General Permit OKR10 and remain in effective operating condition and are protected from activities that would reduce their effectiveness. All structural BMPs (i.e. all the Erosion & Sediment Controls) that require a repair of any kind (due to normal wear and tear, or as a result of damage) or require maintenance in order for the control to continue operating effectively shall be required/maintained in accordance with the OPDES Construction General Permit requirements. At a minimum, maintenance will be performed in the following specific instances:

- ☐ for perimeter controls, whenever sediment has accumulated to ½ or more the above-ground height of the control (*see Part 4.2.C of OKR10 permit*);
- ☐ where sediment has been tracked-out onto the surface of off-site streets or other paved areas (*see Part 4.2.D of OKR10 permit*);
- ☐ for inlet protection measures, when sediment accumulates, the filter becomes clogged, and/or performance is compromised (*see Part 4.2.J of OKR10 permit*); and
- ☐ for sediment basins, as necessary to maintain at least ½ of the design capacity of the basin (*see Part 4.2.L of OKR10 permit*).
- ☐ for all structural BMPs, repair of any kind (due to normal wear and tear, or as a result of damage) or maintenance will be performed in order for the BMPs to continue operating effectively.

7.2 Approval from Local Office

- ☐ I shall check/already checked local offices (city and county offices) to ensure SWP3 for my construction activities is consistent with requirements of the City and/or County Offices.
- ☐ I shall update the SWP3, if necessary, to make consistent with any changes applicable to protecting surface water resources in sediment erosion site plans or site permits, or stormwater management site plans or site permits approved by local officials for which I received written notice.

7.3 Inspections

*(**Note:** An inspector must be knowledgeable in the principles and practices of erosion and sediment controls and pollution prevention to assess conditions at the construction site that could impact stormwater quality, and the effectiveness of any stormwater controls.)*

Person Responsible for Inspections: Click here to enter text.

General Procedures: During each inspection, the following areas of the construction site will be inspected:

- Cleared, graded, or excavated areas of the site;
- Stormwater controls (e.g., perimeter controls, silt dykes, check dams, sediment basins, inlets, exit points etc.) and pollution prevention practices (e.g., pollution prevention practices for vehicle fueling/maintenance and washing, construction product storage, handling, and disposal, etc.) at the site;
- Material, waste, or borrow areas covered by the permit, and equipment storage and maintenance areas;
- Evidence of a spill, leak, or other type of pollutant discharge, or failure to have properly cleaned up a previous spill, leak, or other type of pollutant discharge;
- Areas where stormwater flows within the site, stormwater discharge points;
- Identify any other incidents of non-compliances observed; and
- Areas where stabilization has been implemented.

Inspection Frequency:

☐ **Once every 7 calendar days** and within 24 hours of the end of a storm event of 0.5 inches or greater, since my project is located in **ARC** or discharge to an impaired water.

☐ **Once every 14 calendar days** and within 24 hours of the end of a storm event of 0.5 inches or greater.

Reductions in Inspection Frequency (if applicable):

- For the reduction in inspections resulting from stabilization: **Once per month** for the portion of the site that was stabilized per Part 4.3 and 5.4 of OKR10 permit.

Rain Gauge to Measure Qualified Storm Event of 0.5 inches or greater:

Location of the Rain Gauge: Click here to enter text.

Inspection Report Forms:

Inspection Report Form has been prepared in accordance with the requirements of Part 5.4 of OKR10 permit. A copy of the Inspection Report Form that will be used during construction of this project included in **Attachment E** of this SWP3.
*(**Note:** Inspection report can be found under the **Construction Stormwater Templates and Additional Information** tab in the OKR10 link: https://www.deq.ok.gov/stormwater-permitting/okr10-construction-stormwater/.*

7.4 Corrective Action

General: Corrective actions are actions taken to modify, replace, or reinstall any stormwater control used at the site; clean up and dispose of spills, releases, or other deposits; or remedy a permit violation.

Corrective actions are triggered only for specific, more serious conditions (*see Part 5.5.A of OKR10 permit*). For any of the following conditions, a new or modified control shall be installed **no later than 7 calendar days** from the discovery:

- A required stormwater control was never installed or was installed incorrectly, or not in accordance with the corresponding OKR10 permit requirement;
- A stormwater control needs to be repaired or replaced (*beyond routine maintenance required in Part 5.3.L of OKR10 permit*);
- A stormwater control is not effective enough for the discharge to meet applicable water quality standards;
- A prohibited discharge (*see Parts 2.2, 4.2 and 4.4.B.2 of OKR10 permit*) is occurring or has occurred; or
- DEQ or MS4 Operator requires corrective action as a result of permit violations found during an inspection.

☐ I shall immediately take all reasonable steps to minimize or prevent the discharge of pollutants until a permanent solution is installed and made operational, including cleaning up any contaminated surfaces so that the material will not discharge in subsequent storm events. I shall conduct corrective action(s) for each of the above-mentioned triggering conditions should they occur at my construction site.

Person Responsible for Corrective Actions: Click here to enter text.

Corrective Action Schedule/Specific Action Frequency:

☐ I shall perform all Corrective Actions (modify, replace, or reinstall), if identified, **no later than 7 calendar days from** the time of discovery.

Corrective Action Forms:

Corrective Action Report Form has been prepared in accordance with the requirements of Part 5.5.B of OKR10 permit. A copy of the Corrective Action Report Form that will be used during construction of this project included in **Attachment F** of this SWP3.

7.5 Employee Training

Person Responsible for Staff Training

Name: _____ **Title:** _____

Staff Training Requirements

Prior to the start of earth-disturbing activities, personal with the following responsibilities shall be trained to understand all the requirements of this SWP3:

- Proper design, installation, and maintenance/repair of stormwater controls.
- The proper application and storage of chemicals.
- Proper Inspection and corrective actions.

At minimum, all Personnel must be trained to understand:

- The location of all stormwater controls and the maintenance requirements for each of the control.
- The pollution prevention requirements outlined in this SWP3.
- When and how to conduct inspections, record applicable findings and take necessary corrective actions.

Frequency/Schedule of Employee Training: _____

(***Note:*** *Employee training shall be conducted at least annually or more often if employee turnover is high*).

Employee training records and documentations shall be maintained using the **Employee Training Report** located in **Attachment G** of this SWP3.

7.6 Notification of Change of Ownership (NCO) for Individual Lots

☐ SWP3 will include documents if lots are sold and transfer to other new operator(s), (*see Part 3.1.B.5 and 3.7.I of OKR10 permit*). Documents will be included under **Attachment M** of this SWP3.

☐ NCO is not applicable to my project/site.

7.7 Sub-contractor Certifications

☐ Sub-contractor certification forms will not be used for this project.

☐ DEQ's sub-contractor certification form (**Attachment M**) will be used and kept onsite with the SWP3.

☐ A form other than DEQ's form will be used and kept onsite with the SWP3.

7.8 Record Keeping and Record Retention

☐ I shall retain copies of the SWP3 and all reports required by the 2022 OKR10 permit, and records of all data used to complete the NOI to be covered by this permit, for a **period of at least 3 years** from the date that the site is finally stabilized.

7.9 Posting a Notice

☐ I shall post a notice near the main entrance of the construction site with the following information:

- The OPDES permit number for the project or a copy of the NOI if a permit number has not yet been assigned;
- The name and telephone number of a local contact person;
- A brief description of the project; and
- Location of the SWP3

A **sample copy of the Notice** is included in **Attachment M** of this SWP3.

Section 8: Additional Monitoring (if applicable)

*(**Note:** Only applicable if you have Concrete Batch Plant and/or Asphalt Plant that is covered under your OKR10 authorization; if not applicable delete this section)*

8.1 Support Activity Covered by this Plan

☐ Concrete Batch Plant ☐ Asphalt Plant ☐ Both ☐ Not Applicable

8.2 Representative Outfall(s)

Are there substantially identical outfalls? ☐ Yes ☐ No

If yes, which outfalls are substantially identical? _____

Which outfall(s) will be sampled? _____

8.3 Structural & Non-Structural BMPs

Perimeter control and retention/detention pond will be installed. All exposed areas will be kept clean and orderly manner to minimize exposure. Structural controls will be maintained to keep these effective and operational.

8.4 Quarterly Visual Monitoring

In addition to routine site inspection, quarterly visual monitoring, qualified facility inspector will perform quarterly visual monitoring:

1. Quarterly visual monitoring assessments will be conducted using the form in **Attachment J** of this SWP3. Each drainage point will be visually inspected on a quarterly basis. If no qualifying storm event occurs during a monitoring quarter, this will be noted on the quarterly visual monitoring report for that quarter.

2. Samples will be collected from each outfall, will be examined and documented observations of color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen, and other obvious indicators of stormwater pollution using the quarterly visual monitoring form and will occur during daylight hours (e.g., normal working hours).

3. Completed quarterly visual monitoring forms will be kept with the SWP3.

8.5 Comprehensive Site Compliance Evaluation

1. A comprehensive site compliance evaluation will be conducted at least once annually. If the project is less than one year, at least one inspection will be conducted, which will include all areas where industrial materials or activities are exposed to stormwater and areas where spills and leaks have occurred within the past **3 years**.

2. A report resulting from this inspection will be submitted to DEQ by **March 1** of the year following the monitoring period using the form in **Attachment K** of this SWP3.

8.6 Numeric Effluent Limitation Monitoring for Asphalt Plant

1. Stormwater discharges from asphalt plants must comply with the limitations and monitoring requirements listed below.

Parameter	Limitation	Monitoring Frequency	Sample Type
Total Suspended Solids	23 mg/L, daily max. 15 mg/L, monthly avg.	1/year	Grab
Oil and Grease	15 mg/L, daily max. 10 mg/L, monthly avg.	1/year	Grab
pH	6.5 - 9.0, min. and max.	1/year	Grab

2. Annual monitoring period is from **January 1 to December 31**. If the project is less than one year, at least one sample must be collected.

3. Laboratory analyses for the parameters specified above must be performed by a laboratory certified by DEQ for those parameters.

4. Monitoring will be performed on a storm event that results in an actual discharge from the construction site (at least **0.1 inch** of stormwater event defined as a **measurable storm event**) that follows the preceding measurable storm event by at least 72 hours (3 days).

5. A minimum of one grab sample will be collected within the first 30 minutes of the discharge resulting from a measurable storm event. If it is not practicable to take the sample during the first 30 minutes, the sample must be collected as soon as practicable after the first 30 minutes and document why it was not possible to take samples within 30 minutes.

6. Monitoring information will be submitted on a discharge monitoring report (DMR) form (see **Attachment L**) by **March 1** of the year following the monitoring period.

7. If an exceedance of a numeric effluent limit occurs, follow-up monitoring will be conducted within 30 calendar days, or during the next qualifying storm event, of implementing corrective actions.

Person(s) and positions of person(s) responsible for monitoring: Click here to enter text.

Sample location(s): Click here to enter text.

Monitoring Schedules: Click here to enter text.

8.7 Additional Procedures for Concrete Batch Plant

Is there a mobile batch plant associated with this construction project/site?

☐ No ☐ Yes, If yes, permit number: OKG11_____

How long will the batch plant be utilized?

☐ Less than 180 days

☐ Greater than 180 days

Will wastewater be used for dust suppression?

☐ No ☐ Yes, If yes, the following requirements must be met:

a. The wastewater to be land applied shall be free from visible sheen of oil or globules of oil or grease and shall have a pH of between 6.5 s.u. and 9.0 s.u.
b. The wastewater to be land applied for dust suppression shall be visually inspected prior to land application. An inspection log shall be maintained at the site and made available to DEQ personnel upon request.
c. There shall be no land application of wastewater in areas where the depth to maximum seasonal groundwater level is less than 2 feet in accordance with OAC 252:616-5-1(b)(2)(E).
d. There shall be no land application of wastewater during periods of precipitation or when soil is saturated or frozen.
e. There shall be no runoff of wastewater from the land application site(s).
f. The permittee shall keep a logbook which records the time and date, the source and the volume of wastewater used, and the area to which the wastewater .

Describe the liner used for any surface impoundments: Click here to enter text.

Is the bottom of all surface impoundments at least 15 feet above groundwater levels?

☐ No ☐ Yes

The following berm/dike slope requirement will be followed:

☐ For sites utilized less than 180 days, a 1:2 (1 vertical to 2 horizontal) slope

☐ For sites utilized more than 180 days, a 1:3 (1 vertical to 3 horizontal) slope

Section 9: SWP3 Certification

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

Name: _____ **Title:** _____

Signature: _____ **Date:** _____

Section 10: SWP3 Modifications

I shall maintain records of modifications that will be made per Part 5.3.S of OKR10 permit, and other reasons in **Attachment H** of this SWP3:

Click here to enter text.

Section 11: SWP3 Attachments & Additional Documentation

The following documentations are attached to the SWP3:

Attachment A – General Location Map

A copy of general location map is included in Attachment A.

Attachment B – Site Map(s)

Copy of the site map(s) is/are included in Attachment B.

Attachment C – 2022 OKR10

Note: it is helpful to keep a printed-out copy of the 2022 OKR10 so that it is accessible to you for easy reference. However, you do not need to formally incorporate the entire 2022 OKR10 into your SWP3. As an alternative, you can include a reference to the permit and where it is kept at the site.

Attachment D – Notice of Intent (NOI)

A copy of your NOI is included in Attachment D.

Attachment E – Inspection Report

A copy of the Routine Facility Inspection Report Form is included in Attachment E.

Attachment F – Corrective Action Report

A copy of Corrective Action Report Form is included in Attachment F.

Attachment G – Employee Training Report

A copy of Employee Training Log is included in Attachment G.

Attachment H – SWP3 Modifications Log

A copy of Report on SWP3 Modifications/Amendments Log is included in Attachment H.

Attachment I – Site Stabilization Log

A copy of Site Stabilization Log is included in Attachment I.

Attachment J – Quarterly Visual Monitoring Report

A copy of Quarterly Visual Monitoring Report Form is included in Attachment J.

Attachment K – Annual Site Evaluation Report

A copy of Annual Comprehensive Site Compliance Evaluation Report (ACSCER) form is included in Attachment K.

Attachment L – Discharge Monitoring Report (DMR)

A copy of Discharge Monitoring Report (DMR) is included in Attachment L.

Attachment M – NCOs and Other Documentations

Any other Documentation required by this Permit is included in Attachment M.