

2022 OKR05 Industrial Stormwater Multi-Sector General Permit

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Municipal Discharge & Stormwater Permits Section, DEQ

July 20, 2022

2022 OKR05 MSGP - Renewal Status

- 2017 OKR05
 - Covered >1600 facilities in 29 Sectors
 - Expired July 4, 2022
- 2022 OKR05
 - Issued June 3, 2022
 - Effective July 5, 2022
 - Existing dischargers – 90 days to renew – October 3, 2022
 - Expires July 4, 2027

2022 OKR05 MSGP – Industrial Sectors

Sector A – Timber Products	Sector P – Land Transportation
Sector B – Paper and Allied Products Manufacturing	Sector Q – Water Transportation
Sector C – Chemical and Allied Products Manufacturing	Sector R – Ship and Boat Building or Repairing Yards
Sector D – Asphalt Paving and Roofing Materials Manufactures and Lubricant Manufacturers	Sector S – Air Transportation Facilities
Sector E – Glass, Clay, Cement, Concrete, and Gypsum Product Manufacturing	Sector T – Treatment Works
Sector F – Primary Metals	Sector U – Food and Kindred Products
Sector G – Metal Mining (Ore Mining and Dressing)	Sector V – Textile Mills, Apparel, and other Fabric Products Manufacturing
Sector H – Coal Mines and Coal Mining-Related Facilities	Sector W – Furniture and Fixtures
Sector I – Oil and Gas Extraction	Sector X – Printing and Publishing
Sector J – Mineral Mining and Dressing	Sector Y – Rubber, Miscellaneous Plastic Products, and Miscellaneous Manufacturing Industries
Sector K – Hazardous Waste Treatment Storage or Disposal	Sector Z – Leather Tanning and Finishing
Sector L – Landfills and Land Application Sites	Sector AA – Fabricated Metal Products
Sector M – Automobile Salvage Yards	Sector AB – Transportation Equipment, Industrial or Commercial Machinery
Sector N – Scrap Recycling Facilities	Sector AC – Electronic, Electrical, Photographic and Optical Goods
Sector O – Steam Electric Generating Facilities	Sector AD – Reserved for Facilities Not Covered Under Other Sectors and Designated by the Director

2022 OKR05 MSGP

- Part 1: Eligibility, Coverage, and Application
- Part 2: Control Measures and Effluent Limits
- Part 3: Inspection Requirements
- Part 4: Monitoring Requirements
- Part 5: Corrective Actions
- Part 6: Stormwater Pollution Prevention Plan
- Part 7: Reporting and Recordkeeping
- Part 8: Standard Permit Conditions
- Part 9: Definitions
- Part 10: Sector-Specific Requirements for Industrial Activity
- Appendices A - D

Part 1 – Eligibility, Coverage, and Application

- 1.1 Coverage Under This Permit
- 1.2 Allowable Stormwater Discharges
- 1.3 Allowable Non-Stormwater Discharges
- 1.4 Requirements for Military Installations and Other State Facilities
- 1.5 Area of Coverage Where EPA/Other Agency Is the Permitting Authority in Oklahoma
- 1.6 Facilities and Activities Covered
- 1.7 Co-located Industrial Activities
- 1.8 Co-located Industrial Facilities
- 1.9 Limitations on Coverage

Part 1 – Eligibility, Coverage, and Application – Continued

- 1.10 Obtaining an Authorization to Discharge
 - New facilities submit NOI at least 30 days prior to operation
- 1.11 Effective Date of Permit Coverage
- 1.12 End Date of Permit Coverage
- 1.13 Continuation of Coverage for Existing Permittees
 - Existing facilities submit NOI for renewal within 90 days of permit effective date
- 1.14 Coverage Under Alternative Permit
- 1.15 Terminating Coverage
- 1.16 Conditional Exclusion for No Exposure
- 1.17 Transfer of Permit Coverage
- 1.18 Signage Required
- 1.19 Permit Compliance

Part 1 – Eligibility, Coverage, and Application – Changes

- Combines Parts 1 & 2 of 2017 OKR05
- Part 1.3 Allowable Non-stormwater Discharges
 - Reorganized, clarified
- Part 1.5 Areas of Coverage
 - EPA vs. DEQ jurisdiction clarified
- Part 1.8 Co-located Industrial Facilities
 - New
 - Separate NOIs/Authorization required
 - May develop joint SWP3
- Part 1.19 Signage
 - New
 - Must post sign of permit coverage
 - Basic information: OPDES permit number, facility contact

Part 1 – Eligibility, Coverage, and Application – Changes

- Part 1.10 Obtaining an Authorization
 - Develop Stormwater Pollution Prevention Plan (SWP3)
 - SWP3 submittal no longer required
 - Only if requested
 - Submit Notice of Intent (NOI), including:
 - General location map
 - Site map of facility
 - Fees
 - How to Submit NOI
 - Mail NOI - Stormwater Unit of ECLS, Oklahoma DEQ, 707 N Robinson Ave, P. O. Box 1677, Oklahoma City, OK, 73101-1677
 - Fax NOI - (405) 702-6226
 - Email NOI - ecls-stormwaterpermitting@deq.ok.gov
 - **COMING SOON:** Complete/submit NOI online

NOI for Industrial Stormwater Discharges under OKR05

VERSION 1.0

INSTRUCTIONS

Submission of this NOI constitutes notice that the party identified in Section 1 - Operator Information of this form intends to be authorized by DEQ for stormwater discharges associated with industrial activity in the State of Oklahoma.

Becoming a permittee obligates such discharger to comply with the terms and conditions of the OKR05 permit.

To obtain an authorization from DEQ, this form must be submitted with all the pertinent information.

All associated fees must be submitted with this NOI.

Authorization Number

Please enter your authorization number if you wish to submit a modification or renewal.



Begin Form Entry

FREQUENTLY ASKED QUESTIONS

- ? Who must file an NOI
- ? Are there additional FAQ's that we want to add.
- ? Where can I get a copy of the current OKR05 Permit?
- ? How do I complete the NOI form?

CONTACT INFORMATION

Home Address

Stormwater Unit of ECLS
Oklahoma DEQ
P.O. Box 1677
Oklahoma City, OK 73101-1677

CONTACTS

Fax : 405-702-6226
Email : ecls-stormwaterpermitting@deq.ok.gov

Permit x Permit x US EPA x Overvi x Effectiv x LakeTh x OKR05 x 03/08/ x ODEQ x screen x

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DEQ OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY Oklahoma DEQ

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NOI for Industrial Stormwater

VERSION 1.0

INSTRUCTIONS

Submission of this NOI constitutes a request for authorization to be authorized by DEQ for stormwater discharge. Becoming a permittee obligates such person to comply with all applicable requirements. To obtain an authorization from DEQ, you must submit a completed NOI form. All associated fees must be submitted with the NOI.

Authorization Number
Please enter your authorization number if you wish to submit a modification or renewal.

Home Address
Stormwater Unit of ECLS
Oklahoma DEQ
P.O. Box 1677
Oklahoma City, OK 73101-1677

CONTACTS
Fax : 405-702-6226
Email : ecls-stormwaterpermitting@deq.ok.gov

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Part 2 – Control Measures and Effluent Limits

- 2.1 Control Measures
 - Selection and Design Criteria
 - Non-numeric Technology-Based Limits
 - Numeric Effluent Limits Based on ELGs
 - 40 CFR Part 411 Cement Manufacturing
 - 40 CFR Part 418 Fertilizer Manufacturing
 - 40 CFR Part 423 Steam Electric Power Generating – Coal Pile Runoff
 - 40 CFR Part 429 Timber Products Processing
 - 40 CFR Part 436 Mineral Mining and Processing
 - 40 CFR Part 443 Paving and Roofing Materials (Tars and Asphalt)
 - 40 CFR Part 445 Landfills
 - 40 CFR Part 449 Airport Deicing
- 2.2 Water Quality-Based Effluent Limitations
 - Compliance with Water Quality Standards
 - Discharges to Impaired Waters
 - Anti-degradation Requirements for New or Increased Discharges
- 2.3 Requirements Relating to Endangered Species and Historic Preservation

Part 2 – Control Measures and Effluent Limits – Changes

- Part 2.1.1 Control Measures and Design Considerations
 - Permittees must consider risks and impacts from major storm events that cause extreme flooding
 - Examples of pollution prevention and mitigation measures provided
- Part 2.1.2.6 Management of Runoff
 - Added examples of different structural BMPs for runoff management
 - Added links to Internet-based resources
- Part 2.1.2.10 Employee Training
 - Scope of personnel training revised to incorporate relevant items to cover most aspects of SWP3 requirements

Part 3 – Inspection Requirements

- Part 3.1 Routine Facility Inspections
- Part 3.2 Routine Facility Inspection Documentation
- Part 3.3 Exceptions to Routine Facility Inspections for Inactive and Unstaffed Sites

- **Changes**
- Part 3.1 Routine Facility Inspections
 - Scope revised to specify potential sources of pollution and things that must be examined during an inspection

Part 4 – Monitoring Requirements

- Part 4.1 Monitoring Requirements
 - Monitored outfalls
 - Commingled discharges
 - Measurable storm events
 - Sample types
 - Monitoring periods – quarterly or annual
 - Adverse weather conditions
 - Monitoring reports
- Part 4.2 Required Monitoring
 - Quarterly Visual Monitoring
 - Effluent Limitations Monitoring
 - Discharges to Impaired Waters Monitoring
 - Other Monitoring

Part 4 – Monitoring Requirements – Changes

- Part 4.1.5 Sample Types
 - Grab samples specified
 - May use auto-samplers or passive samplers if appropriate
- Part 4.2.2.3 Follow-up Actions if Discharge Exceeds Numeric Effluent Limitations
 - Corrective action requirements specified
 - Exceedance report
 - Follow-up monitoring within 30 days and then quarterly
 - Investigate cause of exceedance and take corrective action
 - Document and modify SWP3
- Part 4.2.3 Impaired Waters Monitoring
 - Purpose of monitoring clarified
 - Monitoring data not submitted to DEQ unless requested
 - Facilities should be used as screening data to evaluate BMP effectiveness.
 - Discharge to impaired water clarified for discharge to separate storm sewer system

Part 5 – Corrective Actions

- Part 5.1 Conditions Requiring SWP3 Review and Revision to Eliminate Problems
- Part 5.2 Conditions Requiring SWP3 Review to Determine if Modifications Are Necessary
- Part 5.3 Corrective Actions and Deadlines
- **Changes**
- Corrective action language revised to require permittee to:
 - Immediately (same or following day) investigate the cause(s) of the issue
 - Take all reasonable steps necessary to minimize or prevent the discharge of pollutants until permanent solution in place.

Part 6 – Stormwater Pollution Prevention Plan

- Part 6.1 Stormwater Pollution Prevention Plan Requirements
- Part 6.2 Contents of the SWP3
 - Stormwater Pollution Prevention Team
 - Facility and Site Description
 - Summary of Potential Pollution Sources
 - Substantially Identical Outfalls
 - Description of Stormwater Controls
 - Procedures and Schedules
 - Owner/Operator Certification
 - Required SWP3 Review and Modification
 - Documentation Requirements
- Part 6.3 SWP3 Availability
 - On-site, available to staff and inspectors
 - Encouraged to make available to public

Part 6 – Stormwater Pollution Prevention Plan – Changes

- Part 6.1 SWP3 Requirements
 - SWP3 must be prepared by qualified person who has conducted site visit to assess facility's activities
 - For new facilities, site visit must be conducted within 1 year of construction
- Part 6.2.2 Facility and Site Description
 - Added requirement to include regular business hours and SWP3 preparer contact info
 - Added requirement to identify areas of existing or potential soil erosion on site map
- Part 6.2.3.1 Industrial Activities
 - Expanded examples of industrial activities exposed to stormwater
- Part 6.2.3.5 Investigation of Unauthorized Non-Stormwater Discharges
 - Clarified that must inspect entire facility for presence of unauthorized non-stormwater discharges

Part 6 – Stormwater Pollution Prevention Plan – Changes

- Part 6.2.5 Description of Stormwater Controls to Meet Technology-Based and Water Quality-Based Effluent Limits
 - Expanded description to make requirements more clear, specific and understandable
- Part 6.2.6.4 Pertaining to Monitoring
 - Expanded documentation requirements to identify person responsible, procedures for sample collection and handling, and procedures for sending samples to certified laboratory
- Part 6.2.6.6 Pertaining to Employee Training
 - Training plan documentation requirements specified
 - Added requirement to train general staff on basic goals of SWP3 and how to contact stormwater pollution prevention team
- Part 6.2.9 Required SWP3 Review and Modifications
 - Must review SWP3 at least annually and modified as needed

Part 7 – Reporting and Recordkeeping

- Part 7.1 Reporting Monitoring Data to DEQ
- Part 7.2 Reporting Monitoring Data to Regulated MS4
- Part 7.3 Annual Reporting Requirement
- Part 7.4 Exceedance Report for Numeric Effluent Limitations
- Part 7.5 Additional Reporting

- **Changes**
- Part 7.3 Annual Reporting Requirement
 - ACSCER form revised to incorporate new requirements

Part 8 – Standard Permit Conditions

- Standard conditions applicable to all permits
 - Duty to comply, Proper operation and maintenance, etc.
 - Signatory requirements
- Changes
- No substantive changes

Part 9 – Definitions

- Some definitions revised, clarified
- New definitions
 - Base Flood Elevation
 - Co-located Industrial Facilities
 - Green Infrastructure

Part 10 – Sector-Specific Requirements for Industrial Activity

- Sector-specific requirements reorganized slightly
- Sector L Landfills, Land Application Sites, and Open Dumps
 - Clarified requirements for closed landfills
- No other substantive changes

Appendices

- NOI, NOT, other forms separated from permit
 - Online NOI form
 - Forms on website
- Appendix A – Outstanding Resource Waters, Sensitive Waters and Watersheds, and Endangered Species Protection
 - No substantive changes
- Appendix B – Spill Prevention and Response Procedures Checklist
 - No substantive changes
- Appendix C – Signage Example
 - New