U.S. Environmental Protection Agency, Region 4
61 Forsyth Street SW, Atlanta, GA 30303

Water Compliance Inspection Report

FACILITY DATA

NPDES ID: SCR005480	**Effective Date:** 07/01/2022	**Expiration Date:** 06/30/2027
Facility Name: Concrete Supply Company (CSC) - Greer		**SIC Code:** 3273
Address: 1401 Hwy 101 / Greer, SC 29651		

On-Site Representative: Marion Brown, Plant Manager Highway101@concretesupplyco.com 864-605-9800 Wayne Amaker, Operations Manager Wayne.Amaker@ConcreteSupplyCo.com 704-617-4329	**Responsible Official:** Johnie Alexander Environmental Manager JOHNIE.ALEXANDER@CONCRETESUPPLYCO.COM 704-372-2930

INSPECTION ENTRY DATES/TIMES

Entry Date/Time: 10:15am 11/21/2024	**Exit Date/Time:** 12:10pm 11/21/2024

NAMES OF STATE INSPECTORS

N/A

AREAS EVALUATED DURING INSPECTION *(Check those areas evaluated)*

X	Permit		Self-Compliance Program		Pretreatment
X	Records		Compliance Schedule	X	Pollution Prevention
X	Facility Site Review		Laboratory	X	Storm Water
X	Effluent/ Receiving Waters	X	Operations & Maintenance		Combined Sewer Overflow
	Flow Measurement		Sludge Handling/ Disposal		Sanitary Sewer Overflow

INSPECTION SUMMARY

This was a stormwater Compliance Stormwater Evaluation Inspection (CEI) focusing on the requirements of the South Carolina General Permit for Storm Water Discharges Associated with Industrial Activities.

INSPECTOR SIGNATURE	OFFICE/PHONE NUMBER
CELINA RUSSO Digitally signed by CELINA RUSSO Date: 2025.01.16 09:54:51 -05'00' Celina Russo, Environmental Engineer	USEPA Region 4/ECAD-WEB-WWES 404-562-9804
JEREMY JUDD Digitally signed by JEREMY JUDD Date: 2025.01.16 15:19:42 -05'00' Jeremy Judd, Environmental Engineer	USEPA Region 4/ECAD-WEB-WWES 404-562-9505
AHMAD DROMGOOLE Digitally signed by AHMAD DROMGOOLE Date: 2025.01.17 08:15:53 -05'00' Ahmad Dromgoole, Section Chief Waterways and Wetlands Enforcement Section	USEPA Region 4/ECAD-WEB-WWES 404-562-9212

NPDES Industrial Stormwater Worksheet (SC)

1. FACILITY LOCATION INFORMATION					
GPS Coordinates	**Latitude**	*34.902 N*	**Longitude**	*-82.170 W*	
Receiving Water(s) or MS4	*Tributary to Abner Creek*		**Discharge to 303(d) or TMDL waters**	*No*	
Site Acreage	*~7 acres*	**SIC Code**	3272 (Sector E2)	**Weather Condition**	*Sunny, cool*
Email on NOI	Johnie.Alexander@concretesupplyco.com	**Date of NOI**	08/08/2022		

2. STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND SUPPORTING DOCUMENTS			
PLAN TOPICS – Section 5 of Permit	**YES**	**NO**	**N/E**
SWPPP available on-site Part 5.3 *See photo DSCN3146 for SWPPP title page info.*	**X**		
SWPPP Certification Signature/Date Part 5.1.6 *Certification page was signed by Henry Batten, President, and Johnie Alexander, Environmental Manager, in July 2024.*	**X**		
SWPPP modified and updated to current conditions Part 5.2 *Date of last amendment was 07/2024. Previous amendments were made in July 2020, March 2020, January 2020, and March 2010.*	**X**		
Pollution Prevention Team named in SWPPP Part 5.1.1 *Environmental manager, district/area manager, and plant manager. Bullet point list of responsibilities for each. SWPPP Appendix includes individual's names and contact info.*	**X**		
Site Description Part 5.1.2 *Facility is a concrete batch plant. Cement and fly ash are stored in silos. Admixture tanks are in a secondary containment unit and the diesel AST is double walled and located in a dike. Sediment is controlled by the riser pipe in the pond.*	**X**		
Site Map Part 5.1.2.c *See photo DSCN3149*.	**X**		
Summary of potential pollutant sources / particular pollutants Part 5.1.3 *Identifies various sources and their associated pollutants, which include TSS, pH, and O&G.*	**X**		
Description of the Control Measures Part 5.1.4 *See for example photo DSCN3147-3148. Additional identified control measures include the recycle pit system and truck wash area with drying bed. All process water goes to sump at last pit to pump to either the plant or for truck wash. Berms are used to minimize exposure.*	**X**		

SCHEDULE & PROCEDURES FOR:			
Good Housekeeping Part 5.1.5.1.a.i *Includes weekly sweep checks (weekly sweeping of yard/paved areas and checking the dust collector), cleaning the catch basin at 2/3 sump depth, and quarterly baghouse checks*	**X**		
Preventative Maintenance Part 5.1.5.1.a.ii *Includes inspection of spill control materials and performing quarterly inspections*	**X**		
Spill Prevention and Response Part 5.1.5.1.a.iii *Section 11 of the SWPPP; Also in SPCC; schedule = immediately*	**X**		
Employee training Part 5.1.5.1.a.iv / 2.1.2.9 *To be completed annually for both spills and general awareness of SWPPP topics*	**X**		
Benchmark Monitoring Part 5.1.5.2 / 6.1.7 *Includes 15-minute holding time for reading pH. SWPPP also contained a section on impaired waters monitoring and SC DES water quality reports for receiving waters.*	**X**		
Schedule & Procedures for <u>ROUTINE</u> Inspections Part 5.1.5.2.e *Routine inspections are to be done quarterly, which is consistent with permit requirements*	**X**		
Schedule & Procedures for <u>QUARTERLY VISUAL</u> Inspections Part 4.2.1 *Quarterly visual assessments of discharge are to be done once each calendar quarter and the sample shall be collected within 30 minutes of discharge.*	**X**		
Schedule & Procedures for <u>ANNUAL COMPREHENSIVE</u> Inspections Part 4.3.1 *Shall be completed annually, which is consistent with permit requirements.*	**X**		
Ready-Mix Certification Part 8.E.3 *A non-stormwater discharge assessment and certification log was completed annually from 2015 through 07/2023.*	**X**		

3. SITE DESCRIPTION AND SWPPP

Facility is a ready-mix concrete batch plant. Facility maintains a weir system shown in photo DSCN3172 as well as a two-pond retention system on the eastern side of the property. Facility has two permitted outfalls. Outfall #1 is the outlet of the second/lower pond, which is shown in photo DSCN3156. Outfall #2 discharges runoff from the northern portion of the site into the roadside drainage ditch along Old Woodruff Road.

4. RECORD REVIEW

RECORD REVIEW	YES	NO	N/E
Representative on-site	**X**		
NOI Submitted to DES Part 5.4	**X**		
Records available onsite or "readily available" Part 5.4 a. Most recent NOI b. Acknowledgement letter from SC c. Permit	**X**		
Records of incidents with spills, leaks, pollutant releases Part 5.4.d **Including:** dates and description of incident and the corrective actions	**X**		

A log is completed annually for 2021 through 2024. Facility reports no significant spills.			
Records of employee training Part 5.4.e *Training material, which included both SWPPP and SPCC information, was included as well. Rosters with employee signatures for training 10/7/2024, 06/17/2024, 02/09/2023, and 10/12/2022.*	**X**		
Records of <u>ROUTINE</u> quarterly inspections Part 5.4.f *Records from present back through 2020 were retained onsite.*	**X**		
Records of <u>QUARTERLY VISUAL</u> Assessments Part 5.4.f **(Collected in first 30 min of discharge; 0.1-inch storm; 72 hrs min from last rain)** *06/01/2023 – reported no discharge for Outfall #1; assessment completed for Outfall #2 on 06/21/23. A benchmark sample for Outfall #2 was also collected on this date.* *11/06/2023 – reported no discharge for Outfalls #1 and 2* *01/29/2024 – reported no discharge for Outfalls #1 and 2* *06/10/2024 – reported no discharge for Outfalls #1 and 2* *Permit 4.2.1 states that, once each quarter for the entire permit term, permittees must collect a stormwater sample from each outfall and conduct a visual assessment.*		**X**	
Records of <u>ANNUAL</u> Comprehensive inspections Part 5.4.f *Completed on 07/05/2023, 05/2022, and dating back through 2019. Reports were all signed and certified. See for example photo DSCN3150, which shows the first page of the 2023 inspection report. Annual comprehensive inspections are done by the Environmental Manager.*	**X**		
Records of Benchmark Sampling Part 5.4/6 *Dating back through 2020. Sampling data forms with pH calibration were also included. The sampling log for 11/21/2023 reported no flow through either outfall following a 0.5-inch rain event.* *Permit Part 6.1.6 states that the permittee must monitor on a quarterly basis at least once in each calendar quarter (January 1 – March 31; April 1 – June 30; July 1 – September 30; and October 1 – December 31). Permit Part 6 defines monitoring as the collection and analysis of a stormwater sample during a measurable storm event.*		**X**	
Documentation of any corrective actions (including triggering event) Part 5.4.h *A corrective action list, generated from the 2019 and 2020 annual comprehensive inspections, tracked on which dates the necessary corrective actions, identified during the inspection, were completed.*	**X**		

5. FIELD EVALUATION & PLAN IMPLEMENTATION	
Pollutant Sources	**Note location, quantitative description, design issue, O&M deficiencies, and pollutants offsite**
Loading/Unloading Area	*Everything enters and leaves via truck. After filling at the batch plant (at the location shown in photo DSCN3173), concrete trucks drive past the front entrance and exit at the back of the site (at the driveway by Outfall #2).*
Outdoor Storage	*Concrete forms are used for excess concrete. Blocks are either sold or used onsite if needed. The block storage area is shown in photo DSCN3151. Aggregate is stored in three-sided bins in the yard. Cement and fly ash are stored in silos at the plant.*

Outdoor Manufacturing/ Processing Operations	*A front-end loader loads aggregate into the hopper. Trucks are loaded at the batch plant at the location shown in photo DSCN3173. Concrete is mixed in the truck drums.*
Treatment/Waste Storage/Disposal Areas	*Returned concrete is dumped at the catchment shown in photo DSCN3164, which also receives runoff from the slump rack/truck wash station (photos DSCN3171 and DSCN3166). This catchment drains into the weir system (photo DSCN3165 and photo DSCN3172). Water from this weir system is recycled into concrete when the mix specifications allow for it. Slurry/solids from the truck wash catchment are removed as needed to maintain storage capacity and brought to the drying pad (photo DSCN3163). Solids are cleaned out and placed in the rubble pile (photo DSCN3162). The concrete rubble is picked up and hauled offsite.* *Facility has a series of two retention ponds at Outfall #1. The first/upper pond is shown in photo DSCN3155. There are two gravel berms at the pond's entrance (photo DSCN3154). A sump pumps water from this pond for reuse as shown in photo DSCN3161. Water from the first pond discharges to the second pond either via the riser pipe or the rock-lined overflow spillway in photo DSCN3160. An overview of the second pond is shown in photo DSCN3156. This pond discharges via the pipes in photo DSCN3159, which discharge to Outfall #1 (photo DSCN3157) and continuing in the direction shown in photo DSCN3158.*
Sediment & Erosion Controls (BMPs)	*Haybales were installed at Outfall #2 (photo DSCN3170). Haybales were in good condition during the inspection. A rock berm was in place at the entrance of the upper pond (photo DSCN3154). The auxiliary spillway of the upper pond was lined with rock (photo DSCN3160). Facility sweeps weekly and fills out a weekly sweeping log in the SWPPP.*
Spills / Leaks Handling / Good Housekeeping	*Facility maintains a 10,000-gallon double-walled AST for diesel fuel (photo DSCN3152; spill kit materials are kept in the red buckets). No vehicle maintenance is done onsite.* *A tote of DEF was located near the truck wash area. Buckets of form release (see photo DSCN3131) were closed but stored outside. Steel fibers were stored next to the diesel fuel tank. The packaging was opened, and the steel fibers were exposed to rainwater (see also photo DSCN3152). An empty drum was located behind the aggregate bins. Facility personnel indicated that it would be moved/disposed of by the end of the day. Admixtures are stored outside as shown in photo DSCN3174. The secondary containment unit was not holding water. Facility personnel stated that the containment unit is released via the valve only if there is no sheen in the held water.* *Facility conducts weekly sweeping and maintains a log in the SWPPP. A wet sweep is done once per month.*

6. OUTFALL, STORMWATER DISCHARGE & RECEIVING WATER OBSERVATIONS

OUTFALL, STORMWATER, DISCHARGE, & RECEIVING WATER	YES	NO	DESCRIPTION
Number & location of stormwater discharge(s)/outfall(s) consistent with SWP3	**X**		*SWPPP identifies two outfalls (photos DSCN and DSCN, respectively). The drainage area for Outfall #1 includes the batch plant/silos, truck wash area, and oils fuels. Outfall #1 is the outlet of the second pond. Outfall #2's drainage area, located near the rear entrance, includes the driveway and raw material storage area.*
Evidence of off-site accumulation of pollutants observed in receiving water		**X**	*None observed.*
Non-stormwater discharge observed		**X**	*None observed.*

Exit interview conducted with: *Mr. Wayne Amaker*

Preliminary findings discussed during the exit interview included:

- *Empty drum behind the aggregate storage area should be properly disposed.*
- *Buckets of form release were stored outdoors.*
- *Report will be sent via email in ~60 days*

Photo Log is attached.