

From: [Air.Pollution.Control](#)
To: [APC Permitting](#)
Subject: FW: [EXTERNAL] 57-0246 Southern Concrete Products, Inc. - Request for Additional Information
Date: Thursday, January 25, 2024 10:33:28 AM
Attachments: [image001.png](#)
[UnitedDrive.APC111.signed.pdf](#)

From: Anna Pettit <Anna.Pettit@tn.gov>
Sent: Thursday, January 25, 2024 9:50 AM
To: Air.Pollution.Control <Air.Pollution.Control@tn.gov>
Subject: FW: [EXTERNAL] 57-0246 Southern Concrete Products, Inc. - Request for Additional Information

Good afternoon!

Please upload the additional information to permit number 982097 for facility ID 57-0246.

Thank you,
Anna Atkins

From: Eve Odle <eodle@southernconcrete.com>
Sent: Wednesday, January 24, 2024 1:05 PM
To: Anna Pettit <Anna.Pettit@tn.gov>
Subject: RE: [EXTERNAL] 57-0246 Southern Concrete Products, Inc. - Request for Additional Information

***** This is an EXTERNAL email. Please exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email - STS-Security. *****

Here is the updated form, payables will send a check with the emission source reference number.

Please let me know if you need anymore information.
Thank you!

Evelyn Odle
Environmental Compliance Officer
Southern Concrete Products
731-422-3366

From: Anna Pettit <Anna.Pettit@tn.gov>
Sent: Friday, January 19, 2024 4:47 PM
To: Eve Odle <eodle@southernconcrete.com>

Subject: [EXTERNAL] 57-0246 Southern Concrete Products, Inc. - Request for Additional Information

Ms. Odle,

Please see the attached incomplete letter for the construction permit application for this facility.
Feel free to contact me with any questions.

Thanks,



Anna Atkins | TDEC-Environmental Protection Specialist I
Division of Air Pollution Control

William R. Snodgrass Tennessee Tower, 15th Floor
312 Rosa L. Parks Avenue,
Nashville, TN 37243
p. 615-532-0594

<https://www.tn.gov/environment/permit-permits/permit-air-home.html>

We value your opinion.

Please take a few minutes to [complete our customer service survey](#).

Internal Customers please complete our [customer satisfaction survey](#).



NON-TITLE V PERMIT APPLICATION
CONCRETE BATCH PLANT SOURCE DESCRIPTION

Type or print. Submit for each concrete batch plant. Submit with the APC 100. Submit a Plant Diagram according to the instructions given below.					
GENERAL IDENTIFICATION AND DESCRIPTION					
1. Organization's legal name and SOS control number [as registered with the TN Secretary of State (SOS)] Southern Concrete Products, Inc. SOS 000031375				2. Emission Source Reference Number 57-0246-01	
3. Is this air contaminant source subject to an NSPS or NESHAP rule? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes, list rule citation, including Part, Subpart, and applicable Sections:					
4. Unique Source ID (name/number that uniquely identifies this source, like Plant 1) Southern Concrete Products, Inc. - United Drive				5. Date constructed NA	
6. Maximum annual production: (Yards)	Transit mix 45,000	Central mix NA	Dry mix NA		
CEMENT RECEIVING AND STORAGE					
7. Cement receiving equipment	Is conveyor enclosed? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is elevator enclosed? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Compressed air flow (Ft. ³ /Min.) 860	Average load size (Tons) 20	Normal loading time (Min.) 40
8. Cement storage silos:	Number of silos *1	Total capacity (Units: barrels or tons) 170 tons	<u>Silo vent controls</u> Discharges to (check one) Fabric filter <input checked="" type="checkbox"/> Another silo <input type="checkbox"/> Other <input type="checkbox"/> None <input type="checkbox"/>		
WEIGH-BATCHER INFORMATION					
9. Weigh batcher:	Capacity (Yards) 10	Batching rate (Yards/Hour) 120	Batch dumping rate (Yards/Minute) 2		
Silo - to - weigh - batcher vent controls	Hood <input type="checkbox"/>	Fabric filter <input checked="" type="checkbox"/>	Discharges to silo <input type="checkbox"/>	None <input type="checkbox"/>	
10. Weigh - batcher: (Check or complete as appropriate)	Discharges to: (In yards/year)				
	Trucks 45,000	Tilt NA	Products mixer NA		
	Weigh-batcher discharge chute controls:				
	Adjustable gathering hopper <input type="checkbox"/>	Hood <input type="checkbox"/>	Fabric filter <input checked="" type="checkbox"/>	Discharges to silo <input type="checkbox"/>	None <input type="checkbox"/>

11. Air contaminants. Emission estimates for each air contaminant emitted from this point should be based on stack sampling results or engineering calculations. Calculations should be attached on a separate sheet. (see instructions for more details)

SILO #1 EMISSION INFORMATION

12. Emission point data for:	Silo vent	Silo-to-weigh-batcher vent	Weigh-batcher discharge chute
A. Height above grade (Ft.)	78	24	15
B. Diameter (Ft.)	44	1 x 3	1
C. Emission exit direction (Up, down, or horizontal)	down	down	down
D. Air flow rate (Ft. ³ /Minute)	2340	40	5000
13. Particulate matter (PM)	Silo vent	Silo-to-weigh-batcher vent	Weigh-batcher discharge chute
A. Average emissions (Pounds/Hour)	<0.0000060	<0.04	<4.15
B. Maximum emissions (Pounds/hour)	0.0000060	0.04	4.15
C. Average emissions (Tons/Year)	0.0000090	<0.001	0.16
D. Potential emissions (Tons/Year)	0.0000090	0.16	18.16
E. Emissions estimation method*	3	3	3
F. Control devices*	018	018	018
G. Control efficiency %	99.9	99.9	99.9

SILO #2 EMISSION INFORMATION

14. Emission point data for:	Silo vent	Silo-to-weigh-batcher vent	Weigh-batcher discharge chute
A. Height above grade (Ft.)	78	24	15
B. Diameter (Ft.)	44	1 x 3	1
C. Emission exit direction (Up, down, or horizontal)	down	down	down
D. Air flow rate (Ft. ³ /Minute)	2340	40	5000
15. Particulate matter (PM)	Silo vent	Silo-to-weigh-batcher vent	Weigh-batcher discharge chute
A. Average emissions (Pounds/Hour)	<0.0000060	<0.04	<4.15
B. Maximum emissions (Pounds/hour)	0.0000060	0.04	4.15
C. Average emissions (Tons/Year)	0.0000090	<0.001	0.16
D. Potential emissions (Tons/Year)	0.0000090	0.16	18.16
E. Emissions estimation method*	3	3	3
F. Control devices*	018	018	018
G. Control efficiency %	99.9	99.9	99.9

16. Control device. Description of proposed monitoring, recordkeeping, and reporting to assure compliance with emission limits. Include operating parameters of control device (flow rate, temperature, pressure drop, etc.).
2 silo-top baghouses (flyash and cement), 1 baghouse vent on the weigh-batcher

ROAD DUST AND STOCKPILE INFORMATION

17. Road dust control:	None	Paved	Oiled	Watered frequently	
Plant yard:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Access roads:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
18. Stockpiles:	Estimated annual tonnage	Number of sides enclosed	Turnover rate (Tons/Month)	Received damp	Wetted as received
Gravel:	40,500	3	3,375	NA	NA
Sand:	32,400	3	2,700	NA	NA

19. Comments

This is the same plant from operating permit no. 074027, with new silo bag houses and weigh-batcher vent.

SIGNATURE

If this form is being submitted at the same time as an APC 100 form, then a signature is not required on this form. Date this form regardless of whether a signature is provided. If this form is NOT being submitted at the same time as an APC 100 form, then a signature is required.

Based upon information and belief formed after a reasonable inquiry, I, as the responsible person of the above mentioned facility, certify that the information contained in this application is accurate and true to the best of my knowledge. As specified in TCA Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

20. Signature

Evelyn Odle

Digitally signed by Evelyn Odle
Date: 2024.01.24 13:02:54 -06'00'

Date

Signer's name (type or print)

Evelyn Odle

Title

Environmental Compliance

Phone number with area code

731-422-3366

Concrete batch plant diagram instructions: Show general plant layout and air pollution control devices. Indicate the following: storage pile areas, conveyor systems, method of receiving cement, elevators, silos, silo vents, silo-to-weigh-batcher vent, weigh-batcher discharge chute, and product receiving equipment such as trucks and tilt or product mixers. Indicate air pollution control devices such as fabric filters, wet suppressions, hoods, canvas coverings, enclosures, etc.

* Refer to the instructions for the estimation method and control device codes. If the code is "Other" specify in comments.