

**Simmons, Wendy**

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**From:** Simmons, Wendy  
**Sent:** Wednesday, February 16, 2011 11:26 AM  
**To:** 'Bergen, Fawn'  
**Cc:** Henry, Danielle D.; Schroeder, Bill; 'Morris, James P.'  
**Subject:** CEMEX-St Catherine Mine-7774817  
**Attachments:** Final Testing Points St. Catherine Mine.doc

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Ms. Bergen,

Please accept this email as follow-up to our phone conversation on Tuesday, February 15, 2011.

As discussed, the SW District Air Compliance Manager, Ms. Danielle Henry, has agreed that the emission points for the facility should be corrected as noted in the attached document.

Ms. Henry has requested that CEMEX-St. Catherine Mine re-register the facility prior to conducting the required Annual Visible Emissions testing at the facility currently scheduled for early April. The Air General Permit Entitlement Registration information should be sent to our Tallahassee office as noted on the following webpage:

[Air General Permits - Nonmetallic Mineral Processing Plants - Division of Air Resource Management - FDEP](#)

Along with the Air General Permit Entitlement form, please include an up-to-date full facility flow diagram, the corrected emission points list as discussed, corrected modification/manufacture dates for all equipment as provided in my email on Monday, January 24, 2011, and a notation which describes enclosed emission points. Ms. Henry has requested that CEMEX also submit a copy of the re-registration documentation to her attention at the SW District. Her email address is [Danielle.D.Henry@dep.state.fl.us](mailto:Danielle.D.Henry@dep.state.fl.us). If you prefer to send the information by USPS, the address for the SW District Office is FDEP, 13051 N. Telecom Parkway, Temple Terrace, FL 33637-0926.

If you have any questions, please feel free to contact me.

Thank you,

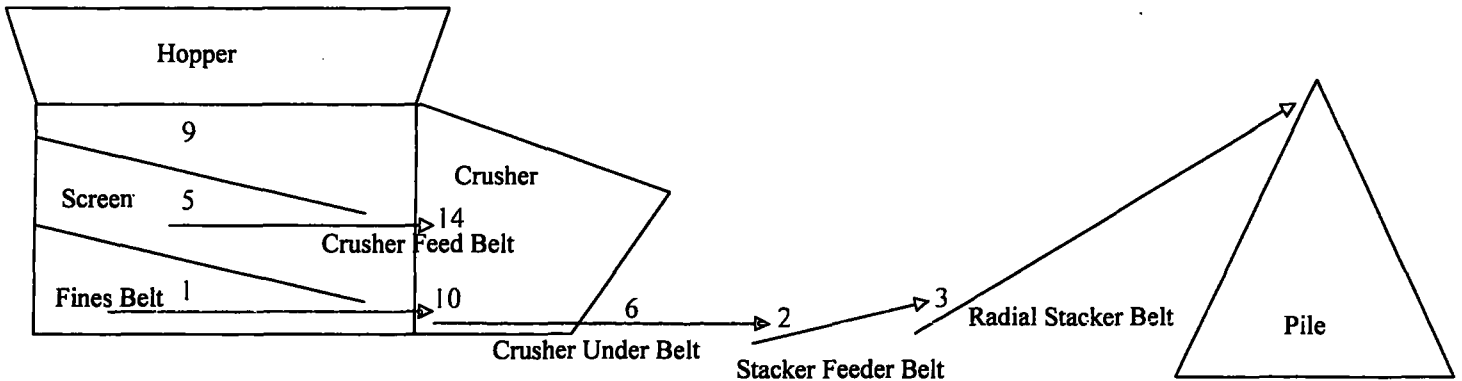
Wendy D. Simmons  
Environmental Specialist  
Southwest District Air Program  
FL Dept. of Environmental Protection Agency  
813-632-7600 X145

"This staff assessment is preliminary and is designed to assist in the review of the information provided prior to final agency action. The comments provided herein are not the final position of the Department and may be subject to revision pursuant to additional information and further review".

Please note: Florida has a very broad records law. Most written communications to or from state officials regarding state business are public records available to the public and media upon request. Your e-mail communication may therefore be subject to public disclosure.

# St. Catherine Mine Emission Points

## Crusher Diagram



## CEMEX-St. Catherine Mine--Suggested Corrected Emission Point List

EP No.	Description	Subject to Subpart?	VE Limit
EP#1	Diester Screen to Fines Belt (#1 Feeder Belt)-Enclosed	Yes	10%
EP#2	#2 Crusher Under Belt to Stacker Feeder Belt	Yes	10%
EP#3	#3 Stacker Feeder Belt to Radial Stacker Belt	Yes	10%
EP#4	Bi-Directional Belt to Inside Scale Bin (#11 Hopper)	Yes	10%
EP#5	Diester Screen to #12 Crusher Feed Belt (Crusher Inlet)-Enclosed	Yes	15%
EP#6	#10 Roll Crusher to Crusher Under Belt (Crusher Exit)	Yes	15%
EP#7	#4 Bi-Directional Belt to Outside Scale Bin	Yes	10%
EP#8	Outside Top-Off Hopper to Truck (#13 Hopper)	Yes	10%
EP#9	Crusher Hopper to Diester Screen	Yes	10%
EP#10	Fines Belt to Stacker Feeder Belt-Enclosed	Yes	10%
EP#11	Inside Top-Off Hopper to Truck	Yes	10%
EP#12	Bin Loading Hopper to Riser Conveyor	Yes	10%
EP#13	Riser Conveyor to Bi-Directional Belt	Yes	10%
EP#14	Crusher Feed Belt to Crusher (Crusher Inlet)-Enclosed	Yes	15%

### Crushing Process Points

### Truck Load-Out Points

## Crusher Emission Points List

EP No.	Description	Subject to Subpart?	VE Limit	Read At Location
EP#1	Diester Screen to Fines Belt (#1 Feeder Belt)	Yes	10%	Top of Hopper (9)
EP#2	#2 Crusher Under Belt to Stacker Feeder Belt	Yes	10%	2
EP#3	#3 Stacker Feeder Belt to Radial Stacker Belt	Yes	10%	3
EP#5	Diester Screen to #12 Crusher Feed Belt	Yes	10%	Crusher Exit (6)
EP#6	#10 Roll Crusher to Crusher Under Belt (Crusher Exit)	Yes	15%	Crusher Exit (6)
EP#9	Crusher Hopper to Diester Screen	Yes	10%	Top of Hopper (9)
EP#10	#1 Fines Belt to #2 Crusher Under Belt	Yes	10%	Top of Hopper (9)
EP#14	Crusher Feed Belt to Crusher (Crusher Inlet)	Yes	15%	Crusher Exit (6)

This means the facility will submit 10 Visible Emissions Tests annually. Emission Points 2, 3, 4, 6, 7, 8, 9, 11, 12, and 13 will be tested annually. Emission Points 1, 5, 10, and 14 will be listed in entitlement but will not require independent/separate testing.