

DUNLAP STONE, INC.

P.O. BOX 1595
DUNLAP, TENNESSEE 37327

77-0006
59366

SEPTEMBER 19, 2006

77-0020
60341

TN. DEPT. OF ENV. & CONS.
DIVISION OF AIR POLLUTION CONTROL
9TH FLOOR, L& C ANNEX
401 CHURCH STREET
NASHVILLE, TN. 37243-1531.

I AM RE-SUBMITTING THE ENCLOSED PERMIT APPLICATIONS.
THEY WERE ORIGINALLY MAILED ON 04/25/06 , AT THE SAME
TIME, SAME ENVELOPE.

UPON REQUESTING AN UPDATE ON THEIR STATUS FROM THE
CHATTANOOGA OFFICE, THEY HAVE SAID NASHVILLE IS UNABLE
TO LOCATE THE RENEWAL REQUEST FOR OUR CRUSHER #77-0006-01.

THEY SUGGESTED THAT I SEND COPIES TO YOU AGAIN. COULD
YOU LET ME KNOW IF THERE IS A PROBLEM?

SINCERLY,

Janet Johnson

JANET JOHNSON
OFFICE MANAGER.

STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF AIR POLLUTION CONTROL



SEP 22 2006

9th Floor, L & C Annex
401 Church Street
Nashville, TN 37243-1531
Telephone: (615) 532-0554
FAX: (615) 532-0614

NOT TO BE USED FOR TITLE V APPLICATIONS

PERMIT APPLICATION

APC 20

PLEASE TYPE OR PRINT AND SUBMIT IN DUPLICATE FOR EACH EMISSION SOURCE. ATTACH APPROPRIATE SOURCE DESCRIPTION FORMS.

1. ORGANIZATION'S LEGAL NAME DUNLAP STONE, INC.			/// FOR	APC COMPANY-POINT NO. 77-0006-01
2. MAILING ADDRESS (ST/RD/P.O. BOX) P.O. Box 1595 5139 WEST VALLEY Road			/// APC	APC LOG/PERMIT NO. 59366
CITY Dunlap	STATE TN.	ZIP CODE 37327	PHONE WITH AREA CODE	
3. PRINCIPAL TECHNICAL CONTACT J. W. THOMAS			PHONE WITH AREA CODE 423-949-2646	
4. SITE ADDRESS (ST/RD/HWY) 5139 WEST VALLEY Rd.			COUNTY NAME SEQUATCHIE	
CITY OR DISTANCE TO NEAREST TOWN Dunlap, TN. 1 MILE		ZIP CODE 37327	PHONE WITH AREA CODE	
5. EMISSION SOURCE NO. (NUMBER WHICH UNIQUELY IDENTIFIES THIS SOURCE) 77-0006-01			PERMIT RENEWAL YES (X) NO ()	

6. BRIEF DESCRIPTION OF EMISSION SOURCE

Rock CRUSHING OPERATION
Pugmill, SCREENS & CONVEYORS
WITH WET SUPPRESSION CONTROL

7. TYPE OF PERMIT REQUESTED				
CONSTRUCTION	STARTING DATE	COMPLETION DATE	LAST PERMIT NUMBER	EMISSION SOURCE REFERENCE NUMBER
()				
OPERATING	DATE CONSTRUCTION STARTED	DATE COMPLETED	LAST PERMIT NUMBER	EMISSION SOURCE REFERENCE NUMBER
(X)			047946P	77-0006-01
LOCATION TRANSFER	TRANSFER DATE		LAST PERMIT NUMBER	EMISSION SOURCE REFERENCE NUMBER
()				
ADDRESS OF LAST LOCATION				

8. DESCRIBE CHANGES THAT HAVE BEEN MADE TO THIS EQUIPMENT OR OPERATION SINCE THE LAST CONSTRUCTION OR OPERATING PERMIT APPLICATION.

NONE

9. SIGNATURE (APPLICATION MUST BE SIGNED BEFORE IT WILL BE PROCESSED) J. W. Thomas		DATE 9/25/2006
10. SIGNER'S NAME (TYPE OR PRINT) J. W. Thomas	TITLE Pres.	PHONE WITH AREA CODE 423-949-2646

(OVER)

CLIENT/FACILITY

DUNLAP STONE, INC.

PROJECT NO.

77-0006-01/59366

PREPARED BY

WEM

CHECKED BY

DATE

6/28/07

OPERATING FACTOR = 2000 $\frac{\text{hr}}{\text{yr}}$ [PERMIT 047946P]ACTUAL EMISSIONS:

$$\text{PRIMARY CRUSHER} = (1)(300)(0.0007)(0.1) = 0.021 \frac{\text{lb}}{\text{hr}}$$

$$\text{SEC CRUSHERS} = (2)(300)(0.00504)(0.1) = 0.3024 \frac{\text{lb}}{\text{hr}}$$

$$\text{SCREENS} = (2)(300)(0.0315)(0.1) = 1.890 \frac{\text{lb}}{\text{hr}}$$

$$\text{CONVEYOR} = (1)(300)(0.00294)(0.1) = 0.0882 \frac{\text{lb}}{\text{hr}}$$

$$\Sigma \text{ CONTROLLED} = 2.30 \frac{\text{lb}}{\text{hr}}$$

ALLOWABLE EMISSIONS:

$$E = 17.31(300)^{0.16} = 43.12 \frac{\text{lb}}{\text{hr}}$$

ANNUAL EMISSIONS:

$$\text{ACTUAL} = (2.30 \frac{\text{lb}}{\text{hr}})(2000 \frac{\text{hr}}{\text{yr}})(\frac{1}{2000 \text{ lb}}) = 2.30 \frac{\text{T}}{\text{yr}}$$

$$\text{ALLOWABLE} = (43.12)(2000)(\frac{1}{2000}) = 43.12 \frac{\text{T}}{\text{yr}}$$