

State of Florida

DEPARTMENT OF ENVIRONMENTAL REGULATION

INTEROFFICE MEMORANDUM

For Routing To District Offices
And/Or To Other Than The Addressee

To: _____	Locn.: _____
To: _____	Locn.: _____
To: _____	Locn.: _____
From: _____	Date: _____

TO: Jacob D. Varn
Secretary

FROM: Stephen Smallwood, Interim Chief
Bureau of Air Quality Management

DATE: November 5, 1979

SUBJECT: BACT Determination - Standard Sand and Silica
Company, Sand Drier

Facility: A sand processing and drying operation
having potential of 1248 tons/year of
particulate.

BACT Determination Requested by the Applicant:

Emission limitation

Particulate 0.08 lbs/ton feed

Date of Receipt of a Complete BACT Application:

August 9, 1979

Date of Publication in the Florida Administrative Weekly:

August 31, 1979

Date of Publication in a Newspaper of General Circulation:

August 30, 1979, The Haines City Herald

BACT Study Group Members:

Dan Williams, DER Southwest District, Tampa;
Willard Hanks, DER Bureau of Air Quality Management, Tallahassee;
John Symes, DER Bureau of Air Quality Management, Tallahassee

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Study Group Recommendations:

Particulate Emission Limitation

Dan Williams	0.08 lbs/ton
John Symes	0.08 lbs/ton
Willard Hanks	0.08 lbs/ton and 20% opacity

BACT Determination by Florida Department of Environmental
Regulation:

Emission Limitation

Particulate: 0.08 lbs/ton
20% opacity

Test Methods:

Particulate: EPA Reference Methods 1, 2 and
5, Title 40 Part 60 of the Code
of Federal Regulation.

Opacity: EPA Reference Method 9, Title 40
Part 60 of the Code of Federal
Regulation.

Justification of DER Determination:

This facility is very similar in design and operation to an asphalt plant. The NSPS for an asphalt plant is .04 grams per SCF and 20% opacity. The .08 lbs/ton declared as BACT corresponds to approximately .045 grains per SCF.

Details of the Analysis May be Obtained by Contacting:

Victoria Martinez, BACT Coordinator
Department of Environmental Regulation
Bureau of Air Quality Management
2600 Blair Stone Road
Twin Towers Office Building
Tallahassee, Florida 32301

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Recommendation from, Bureau of Air Quality Management

by:

Stephen Smallwood
Stephen Smallwood

Date:

Nov 6, 1979

Approved by:

Jacob D. Varn
Jacob D. Varn

Date:

6 November 1979

SS/es

Attachments