



Florida Department of Environmental Protection

Southwest District Office
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

0830019

September 15, 2009

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

Mr. Karl H. Watson, Manager
CEMEX Construction Materials Florida LLC
1501 Belvedere Road
West Palm Beach, FL 33406

Subject: Workshop for Nonmetallic Mineral Processing Plants (NMMP) and affected Asphalt Plants

Dear Mr. Watson:

The Florida Department of Environmental Protection's Southwest District (SWD) Air Resource Management Program invites all Nonmetallic Mineral Processing Plants (NMMP) and affected Asphalt plants operating in Citrus, Desoto, Hardee, Hernando, Manatee, Marion, Pasco, Pinellas, and Polk counties to a workshop to be hosted by the SWD office on Tuesday, October 13, 2009. The workshop agenda is attached to this invitation letter.

Our goal is to assist affected facilities in understanding their permit requirements to ensure compliance and minimize their impact on the environment. Specifically, this workshop will provide information on the NMMP General Permit, the requirements of Asphalt Plants that permit NMMPs at their facility and information on the revised New Source Performance Standards (NSPS) Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants. We will also provide a brief overview of potential solid waste permit requirements for these facilities.

To ensure adequate conference room accommodations, we ask that you pre-register yourself and others you would like to bring to the workshop, including your consultants by contacting Patricia Prickett by email at Patricia.Prickett@dep.state.fl.us, or by phone at (813) 632-7600 ext. 102.

We look forward to your attendance and participation.

Sincerely,

Mara Grace Nasca
District Air Program Administrator
Southwest District

Attachment: Agenda
MGN/ng

**Florida Department of Environmental Protection
Southwest District
Air Resource Management
Workshop**

**Nonmetallic Mineral Processing Plants (NMMP) and
Affected Asphalt Plants**

**Tuesday, October 13th, 2009
9:30 a.m. - 12:00 p.m.
Main Conference Room**

Agenda

I. Welcome and Introduction

**Mara Grace Nasca
Air Program Administrator**

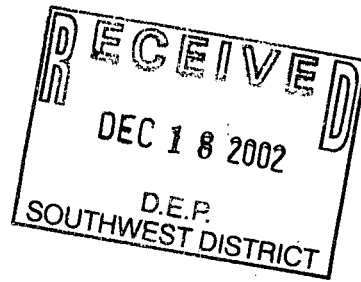
II. Department Presentations

**NMMP General Permit Requirements
Operating a RAP Crusher at Asphalt Plants
Revised Federal NSPS Subpart OOO Requirements
Waste Processing Facility Permit Requirements**

**Max Grondahl
Nancy Knight
Natrevia Gradney
Susan Pelz**

III. Questions and Answers

Workshop Attendees



December 13, 2002

Air Permit Section
FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
3804 Coconut Palm Drive
Tampa, FL 33619

Re: Cemex, Inc.
Dunnellon Concrete Batch Plant
Air General Permit Notification Form

Gentlemen:

Enclosed please find Air General Permit Notification Form, Part III for the above-captioned plant, along with supporting documentation and appropriate processing fee.

This Notification Form is being sent to cover the upgrading of the dust collection system at this facility.

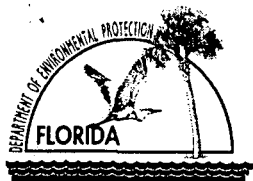
Please do not hesitate to call if you have any questions on this matter.

Very truly yours,

Denise Corrales
Regional Environmental Manager

Enclosures

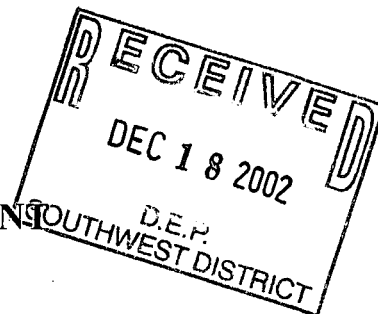
cc: Jerry Hayes, Plant Manager



Department of Environmental Protection

DIVISION OF AIR RESOURCES MANAGEMENT

CONCRETE BATCHING PLANT AIR GENERAL PERMIT NOTIFICATION FORM



Part I. Procedures For Use of Air General Permit

- (1) **Eligibility Determination.** The Department of Environmental Protection has established an air general permit under Rule 62-210.300(4)(a)7., F.A.C., for concrete batching plants, the principal terms and conditions of which are listed in Part II of this Concrete Batching Plant Air General Permit Notification Form. A concrete batching plant may use this air general permit provided the facility meets the eligibility criteria set forth in the rule and, throughout the term of the general permit, complies with the terms and conditions of the general permit. The owner or operator of the concrete batching plant shall determine the facility's eligibility for use of the air general permit and notify the Department of intent to use the general permit. No facility is eligible to use more than one air general permit.
- (a) A new or existing concrete batching plant is eligible for use of the air general permit established at Rule 62-210.300(4)(a)7., F.A.C., provided the owner or operator timely submits a completed Concrete Batching Plant Air General Permit Notification Form to the Department (see paragraph (2) below) and, throughout the term of the general permit:
1. The facility operates no emissions units other than the concrete batching plant and emissions units which are exempt from permitting pursuant to the criteria of Rule 62-210.300(3)(a) or (b), F.A.C.; and
 2. The facility is not a Title V source as defined in Rule 62-210.200, F.A.C.
- (b) No concrete batching plant subject to a particulate matter Reasonably Available Control Technology (RACT) emission limiting standard of Rules 62-296.701 through .712, F.A.C., shall be eligible to use the concrete batching plant air general permit.
- (c) The owner or operator of any concrete batching plant that would use this air general permit must surrender all existing air permits authorizing the operation of the facility.
- (d) The owner or operator of any concrete batching plant that is eligible to use this air general permit and who operates the facility in compliance with the terms and conditions of the general permit shall not be required to obtain an air construction permit or air operation permit pursuant to Rule 62-210.300(1) or (2), F.A.C., respectively.
- (e) If a facility using this air general permit at any time becomes ineligible for use of the general permit, or if it is determined to have been initially ineligible for use of the air general permit, it shall be subject to enforcement action for operating without an air permit under Rule 62-210.300(1) or (2), F.A.C.

- (2) Notification.** For each eligible facility intending to operate under the provisions of the concrete batching plant air general permit (Rule 62-210.300(4)(a)7., F.A.C.), the owner or operator must complete and submit Part III of this Concrete Batching Plant Air General Permit Notification Form to give notice to the Department of intent to use such permit. The owner or operator shall submit Part III of this notification form to the appropriate Department of Environmental Protection district office or local air pollution control program office to which the Department has delegated its permitting authority.
- (a) Any proposed new concrete batching plant, or existing relocatable concrete batching plant which is proposing to change location, may operate under the terms and conditions included herein, provided the facility is eligible to use the air general permit and the owner or operator:
1. Submits a completed Part III of this notification form to the Department or approved local program at least 45 days prior to beginning construction or relocation;
 2. Publishes in a newspaper of general circulation, in the area affected by the proposed project, a notice of intent to use the general permit no more than 14 days after submitting Part III of this notification form. The notice of intent shall follow the format in Rule 62-103.150, F.A.C; and
 3. Submits proof of publication to the Department or approved local program within 7 days of the publication date.
- (b) Any existing concrete batching plant which is not changing location, and which is eligible to use this air general permit, may operate under the terms and conditions included herein, provided the owner or operator submits a completed Part III of this notification form to the Department or approved local program at least 30 days prior to the expiration date of any existing air operation permit or air general permit.
- (3) Processing Fee.** The notification form must be accompanied by the appropriate general permit processing fee pursuant to Rule 62-4.050, F.A.C.
- (4) Administrative Corrections.** Within 30 days of any changes requiring corrections to information contained in this notification form, the owner or operator shall notify the appropriate permitting office in writing. Such changes shall include:
- (a) Any change in name of the authorized representative or facility address or phone number, or
 - (b) A change in facility status requiring more frequent monitoring or reporting by the owner or operator from that noted on the most recent notification form.
- (5) Violation of Permit.** The concrete batching plant air general permit is valid only for the specific activity indicated. Any deviation from the specified activity and the conditions for undertaking that activity is a violation of the permit. The owner or operator is placed on notice that violation of the permit constitutes grounds for revocation and suspension pursuant to Rules 62-4.100 and 62-4.530(4), F.A.C., and initiation of enforcement action pursuant to Sections 403.141 through 403.161, F.S. No revocation shall become effective except after notice is served by personal service, certified mail, or newspaper notice pursuant to Section 120.60(7), F.S., upon the person or persons named therein and a hearing held, if requested within the time specified in the notice. The notice shall specify the provision of the law or rule alleged to be violated, or the permit condition or Department order alleged to be violated, and the facts alleged to constitute a violation thereof.
- (6) Nullification of Eligibility.** Eligibility for use of an air general permit under Rule 62-210.300(4), F.A.C., is automatically nullified by:
- (a) Submission of false or inaccurate information in the notification form for use of the air general permit or in the required reports;
 - (b) Refusal of lawful inspection by staff of the DEP or its agents under Section 403.091, F.S.; or
 - (c) Failure to submit operational reports or other information required by the air general permit.

CONCRETE BATCHING PLANT
AIR GENERAL PERMIT NOTIFICATION FORM

Part II. Permit Terms and Conditions

(Retain onsite for use by facility staff.)

- (1) **Applicability.** This part of the Concrete Batching Plant Air General Permit Notification Form includes the principal terms and conditions of the air general permit for concrete batching plants established by the Department at Rule 62-210.300(4)(a)7., F.A.C. Throughout the term of the general permit, the owner or operator shall ensure that the facility maintains its eligibility to use this air general permit and complies with all terms and conditions of the general permit.
- (2) **General Conditions.** All terms, conditions, requirements, limitations, and restrictions set forth in Rule 62-4.540, F.A.C., and certain other requirements set forth in the air pollution control rules of the Department are "general permit conditions" and are binding upon the owner or operator of the facility utilizing the concrete batching plant air general permit. These conditions include the following:
- (a) A permittee's use of a general permit is limited to five years. However, the permittee may request continued use of the general permit by notifying the Department pursuant to Rule 62-4.530(1). However, the permittee shall give notice of continued use of a general permit thirty days before it expires.
 - (b) The general permit is valid only for the specific activity indicated. Any deviation from the specified activity and the conditions for undertaking that activity shall constitute a violation of the permit. The permittee is placed on notice that violation of the permit may result in suspension or revocation of the permittee's use of the general permit and may cause the Department to begin legal proceedings.
 - (c) The general permit does not convey any vested rights or any exclusive privileges. It does not authorize any injury to public or private property nor any invasion of personal rights. It does not authorize any infringement of federal, state, or local laws or regulations. It does not eliminate the necessity for obtaining any other federal, state or local permits that may be required, or allow the permittee to violate any more stringent standards established by federal or local law.
 - (d) The general permit does not relieve the permittee from liability and penalties when the construction or operation of the permitted activity causes harm or injury to human health or welfare; causes harm or injury to animal, plant or aquatic life; or causes harm or injury to property. It does not allow the permittee to cause pollution in contravention of Florida Statutes and Department rules.
 - (e) The general permit conveys no title to land or water, nor does it constitute State recognition or acknowledgment of title. It does not constitute authority for reclamation of submerged lands. Only the Board of Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
 - (f) No general permit shall authorize the use of state owned land without the prior consent of the Board of Trustees of the Internal Improvement Trust Fund pursuant to Section 253.77, F.S.
 - (g) The general permit may be modified, suspended or revoked in accordance with Chapter 120, Florida Statutes, if the Secretary determines that there has been a violation of any of the terms or conditions of the permit, there has been a violation of state water quality standards or state air quality standards, or the permittee has submitted false, incomplete or inaccurate data or information.
 - (h) The general permit shall not be transferred to a third party except pursuant to Florida Administrative Code Rule 62-4.120.
 - (i) The general permit authorizes construction and where applicable operation of the permitted facility.
 - (j) The permittee agrees in using the general permit to make every reasonable effort to conduct the specific activity or construction authorized by the general permit in a manner that will minimize any adverse effects on adjacent property or on public use of the adjacent property, where applicable, and on the environment, including fish, wildlife, natural resources of the area, water quality or air quality.
 - (k) The permittee agrees in using the general permit to allow a duly authorized representative of the Department access to the permitted facility or activity at reasonable times to inspect and test upon presentation of credentials or other documents as may be required by law to determine compliance with the permit and the Department rules.

- (l) The permittee agrees to maintain any permitted facility, or activity in good condition and in accordance with the plans submitted to the department under Rule 62-4.530(1).
- (m) The general permit shall be effective until suspended, revoked, surrendered, expired, or nullified pursuant to Rule 62-4.530, F.A.C.
- (n) The general permit does not authorize any demolition or renovation of the facility or its parts or components which involves asbestos removal. The general permit does not constitute a waiver of any of the requirements of Chapter 62-257, F.A.C., and 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos, adopted and incorporated by reference in Rule 62-204.800, F.A.C.
- (o) The general permit does not authorize any open burning nor does it constitute any waiver of the requirements of Chapter 62-296.320(3), F.A.C.
- (p) No person shall circumvent any air pollution control device, or allow the emission of air pollutants without the applicable air pollution control device operating properly. (Rule 62-210.650, F.A.C.)
- (q) If, for any reason the owner or operator of the facility operating under the air general permit does not comply with or will be unable to comply with any condition or limitation of the permit, the permittee shall immediately provide the appropriate permitting office with the following information:
 - 1. A description of and cause of noncompliance; and
 - 2. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result. (Rule 62-210.300(4)(d), F.A.C.)

(3) Definitions. The following words and phrases, when used in this form, shall have the following meanings:

- (a) "Department" or "DEP" - The State of Florida Department of Environmental Protection.
- (b) "Emission Limiting Standard" - Any restriction established in or pursuant to a regulation adopted by the Department which limits the quantity, rate, concentration or opacity of any pollutant released, allowed to escape or emitted, whether intentionally or unintentionally, into the atmosphere, including any restriction which prescribes equipment, sets fuel specifications, or prescribes operation or maintenance procedures for an emissions unit to assure emission reduction or control.
- (c) "Emissions Unit" - Any part or activity of a facility that emits or has the potential to emit any air pollutant.
- (d) "Facility" - All of the emissions units which are located on one or more contiguous or adjacent properties, and which are under the control of the same person (or persons under common control).
- (e) "Owner" or "Operator" - Any person or entity who or which owns, leases, operates, controls or supervises an emissions unit or facility.
- (f) "Relocatable Facility" - A facility such as, but not limited to, an asphalt plant, portable power generator, or cement batch plant, which is designed to be physically moved to, and operated on, different sites by being wholly or partially dismantled and re-erected in essentially the same configuration. It shall not be operable while in transit.
- (g) "Unconfined Emissions" - Emissions which escape and become airborne from unenclosed operations or which are emitted into the atmosphere without being conducted through a stack.

(4) Control Technology/Recordkeeping Requirements.

- (a) Emissions from silos, weigh hoppers (batchers), and other enclosed storage and conveying equipment shall be controlled to the extent necessary to limit visible emissions to 5 percent opacity. (Rule 62-296.414(1), F.A.C.)
- (b) The owner or operator shall take reasonable precautions to control unconfined emissions from hoppers, storage and conveying equipment, conveyor drop points, truck loading and unloading, roads, parking areas, stock piles, and yards per the conditions of Rule 62-296.320(4)(c), F.A.C. The following shall constitute reasonable precautions:
 - 1. Management of roads, parking areas, stock piles, and yards, which shall include one or more of the following:
 - a. Paving and maintenance of roads, parking areas, and yards.
 - b. Application of water or environmentally safe dust-suppressant chemicals when necessary to control emissions.

- c. Removal of particulate matter from roads and other paved areas under control of the owner or operator to mitigate reentrainment, and from building or work areas to reduce airborne particulate matter.
 - d. Reduction of stock pile height or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles.
 - 2. Use of spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck.
 - (c) All emissions tests performed shall comply with the following requirements. (Rule 62-296.414(3), F.A.C.)
 - 1. The test method for visible emissions shall be DEP Method 9, incorporated in Chapter 62-297, F.A.C.
 - 2. Test procedures shall meet all applicable requirements of Chapter 62-297, F.A.C.
 - 3. Visible emissions tests of silo dust collector exhaust points shall be conducted while loading the silo at a rate that is representative of the normal silo loading rate. The minimum loading rate shall be 25 tons per hour unless such rate is unachievable in practice. If emissions from the weigh hopper (batcher) operation are also controlled by the silo dust collector, then the batching operation shall be in operation during the visible emissions test. The batching rate during the emissions test shall be representative of the normal batching rate and duration. Each test report shall state the actual silo loading rate during emissions testing and, if applicable, whether or not batching occurred during emissions testing.
 - 4. If emissions from the weigh hopper (batcher) operation are controlled by a dust collector which is separate from the silo dust collector, visible emissions tests of the weigh hopper (batcher) dust collector exhaust point shall be conducted while batching at a rate that is representative of the normal batching rate and duration. Each test report shall state the actual batching rate during emissions testing.
 - (d) Per the conditions of Rule 62-297.310(7)(a), F.A.C., each dust collector exhaust point shall be tested annually for compliance with the visible emission limiting standard of Rule 62-296.414(1), F.A.C. New facilities permitted pursuant to Rule 62-210.300(4), F.A.C., Air General Permits, shall demonstrate initial compliance no later than 30 days after beginning operation, and annual compliance within 60 days prior to each anniversary of the air general permit notification form submittal date. Existing facilities permitted pursuant to Rule 62-210.300(4), F.A.C., Air General Permits, shall demonstrate compliance within 60 days prior to submitting an air general permit notification form and within 60 days prior to each anniversary of the air general permit notification form submittal date.
 - (e) Each dust collector exhaust point shall be tested for a minimum of 30 minutes or, if the operation is normally completed within less than 30 minutes and does not recur within that time, the test shall last for the length of the loading operation. (Rule 62-297.310(4)(a), F.A.C.)
- (5) Other.** The general permit does not eliminate the necessity for obtaining any other federal, state or local permits that may be required, or allow the permittee to violate any more stringent standards established by federal or local law. The general permit does not allow the permittee to cause pollution in contravention of Florida Statutes and Department rules (see (2)(c) and (d) of this form). Local program requirements may apply.

CONCRETE BATCHING PLANT
AIR GENERAL PERMIT NOTIFICATION FORM

Part III. Notification to Permitting Office
(Detach and submit to permitting office; keep copy onsite)

Instructions to Owner or Operator: To give notice to the Department of an eligible facility's intent to use the concrete batching plant air general permit, the owner or operator of the facility must detach and complete Part III of this Concrete Batching Plant Air General Permit Notification Form and submit it to the appropriate Department of Environmental Protection district office or local air pollution control program office which has been delegated permitting authority. Please type or print clearly all information and enclose the appropriate general permit processing fee pursuant to Rule 62-4.050(4)(n), F.A.C. Also, please refer to the instructions for completing Part III of the notification form at the end of the form.

General Facility Information

Facility Owner/Company Name (Name of corporation, agency, or individual owner):			
Cemex, Inc.			
Site Name (For example, plant name or number):			
Dunnellon Readymix Plant			
Facility Location:			
Street Address: 802 U.S. Highway 41			
City: Dunnellon	County: Marion	Zip Code: 32630	
Facility Start-Up Date:			
N/A			
Relocatable:			
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			

Owner/Authorized Representative

Name and Title:			
Denise Corrales, Regional Environmental Manager			
Owner/Authorized Representative Mailing Address:			
Organization/Firm: Cemex, Inc.			
Street Address: Post Office Box 31965			
City: Tampa	County: Hillsborough	Zip Code: 33631	
Owner/Authorized Representative Telephone Number:			
Telephone: (813) 933-6711	Fax: (813) 931-2030		

Facility Contact (If different from Owner/Authorized Representative)

Name and Title:		
SAME AS ABOVE		
Facility Contact Mailing Address:		
Organization/Firm:		
Street Address:		
City:	County:	Zip Code:
Facility Contact Telephone Number:		
Telephone:	Fax:	

Notification Type

Check one:
<input type="checkbox"/> NEW: Notification of a proposed <i>new</i> concrete batching plant.
<input checked="" type="checkbox"/> EXISTING: Notification of an <i>existing</i> permitted concrete batching plant which is <i>not</i> changing location.
<input type="checkbox"/> RELOCATION: Notification of an <i>existing</i> permitted concrete batching plant which <i>is</i> changing location.

Relocation Information (Complete only if the "RELOCATION" box is indicated above)

Previous Facility Location:		
Street Address:		
City:	County:	Zip Code:
Facility Shut-Down Date at Previous Location:		

Facility Comments

<p>For the operation of a concrete batching plant consisting of a cement silo, flyash silo and a batching/truck loading operation.</p> <p>Hours of operation are not limited. Rule 62-4.070(3) F.A.C.</p>

Emissions Unit(s) Description

Particulate emissions generated during silo loading are controlled by C&W CP-305 baghouses on each silo.

Unconfined particulate emissions generated during transfer into trucks are controlled by a shroud and a Vince Hagen Model 1083-JP central dust collector.

Truck Loadout Area: **Point ID No: 01**
Cement Storage Silo: **Point ID No: 02**
Flyash Storage Silo: **Point ID No: 03**

Surrender of Existing Air Permit(s)

Check one:

I hereby surrender all existing air permits authorizing operation of the facility indicated on this form; specifically permit number(s) 0830019-001-AG.

No air permits currently exist for the operation of the facility indicated on this form.

Owner/Authorized Representative Statement

I, the undersigned, am the owner or authorized representative of the owner or operator of the facility addressed in this Air General Permit Notification Form. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, I agree to operate and maintain the air pollutant emissions units and air pollution control equipment described in this notification so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof.

I will promptly notify the Department of any changes to the information contained in this notification.

Deive Cuales
Signature

12/10/02
Date

VISIBLE EMISSION OBSERV. ON FORM 1

Method Used (Circle One)
 Method 9 203A 203B Other: _____

Company Name
CEMEX, INC.
 Facility Name
Dunnellon R/m Plant
 Street Address
802 US Hwy 41
 City **Dunnellon** State **FL** Zip **32630**

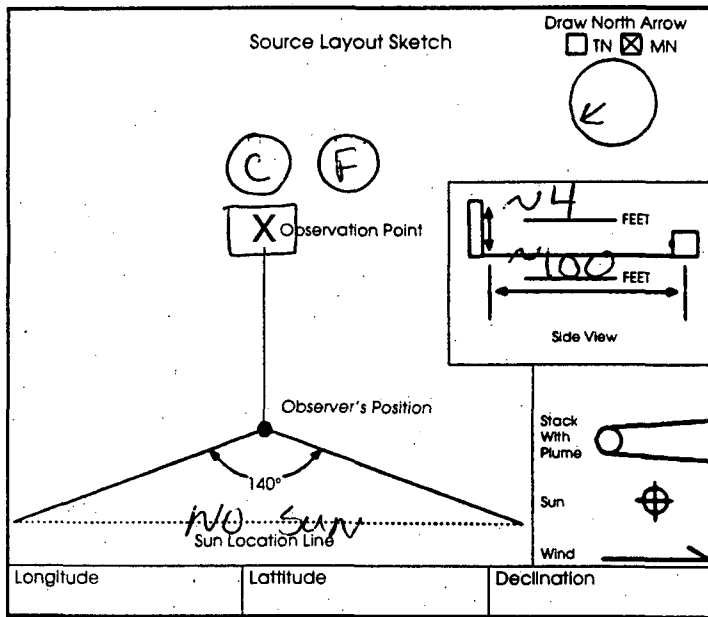
Process
Truck Loading Unit # **01** Process Rate _____
 Control Equipment
Hagen 1083-gp central collector Operating Mode
Continuous

Describe Emission Point
White structure on north side of silos
 Height of Emiss. Pt. Start **~4'** End Height of Emiss. Pt. Rel. to Observer Start **~4'** End
 Distance to Emiss. Pt. Start **~100'** End Direction to Emiss. Pt. (Degrees) Start **260°** End

Vertical Angle to Obs. Pt. Start **0°** End Direction to Obs. Pt. (Degrees) Start **260°** End
 Distance and Direction to Observation Point from Emission Point Start **Same** End

Describe Emissions
 Start **Dust** End _____
 Emission Color Start **GRAY** End _____
 Water Droplet Plume Attached Detached None

Describe Plume Background
 Start **Skylines** End
 Background Color Start **blue/gray** End Sky Conditions Start **OCAS** End
 Wind Speed Start **2-3 mph** End Wind Direction Start **NE** End
 Ambient Temp. Start **59°** End _____ Wet Bulb Temp. **51°** RH Percent **50%**



Additional Information

Facility ID:
0830019-001-AG

Observation Date	Time Zone				Start Time	End Time			
12-6-02	EST				1045	1100			
Sec	0	15	30	45	Sec	0	15	30	45
Min.					Min.				
1	0	0	0	0	31				
2	0	0	0	0	32	*no more			
3	0	0	0	0	33	trucks to load			
4	0	0	0	0	34				
5	0	0	0	0	35	RECEIVED			
6	0	0	0	0	36				
7	0	0	0	0	37	DEC 18 2002			
8	0	0	0	0	38	D.E.P.			
9	5	0	5	0	39	SOUTHWEST DISTRICT			
10	0	0	0	0	40				
11	0	0	0	0	41				
12	0	0	0	0	42				
13	0	0	0	0	43				
14	0	0	0	0	44				
15	0	0	0	0*	45				
16					46				
17					47				
18					48				
19					49				
20					50				
21					51				
22					52				
23					53				
24					54				
25					55				
26					56				
27					57				
28					58				
29					59				
30					60				

Observer's Name (Print)
Denise Corrales
 Observer's Signature
Denise Corrales Date **12/6/02**
 Organization
CEMEX, INC.
 Certified By
ETA Date **8/21/02**

VISIBLE EMISSION OBSERVATION FORM 1

Facility ID:

0830019-001-AG

Method Used (Circle One)
 Method 9 203A 203B Other: _____

Company Name: **CEMEX, INC.**
 Facility Name: **Dunnellon Rlm Plant**
 Street Address: **802 US Hwy 41**
 City: **Dunnellon** State: **FL** Zip: **32630**

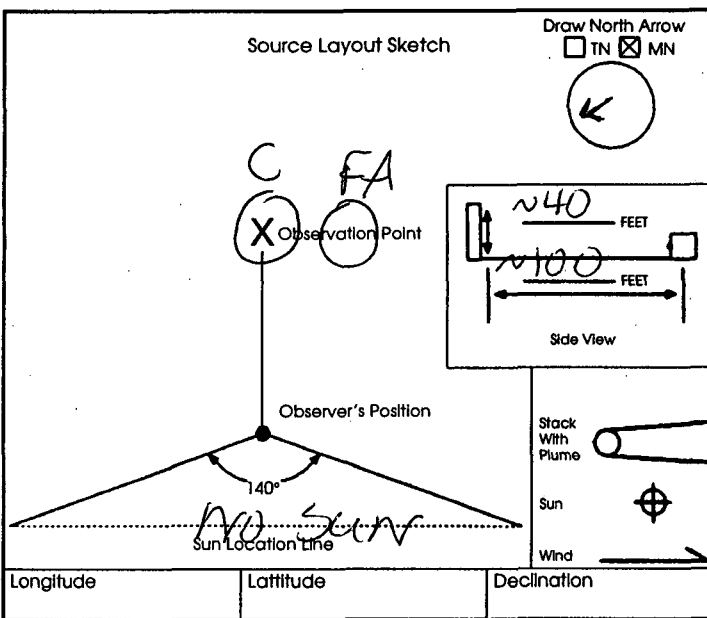
Process: **Cement unloading** Unit #: **02** Process Rate: **3726-bns**
 Control Equipment: **CWCP-305 Baghouse** Operating Mode: **Continuous**

Describe Emission Point: **square baghouse atop cement silo**
 Height of Emiss. Pt. Start: **~40'** End: _____
 Height of Emiss. Pt. Rel. to Observer Start: **~40'** End:
 Distance to Emiss. Pt. Start: **~100'** End:
 Direction to Emiss. Pt. (Degrees) Start: **270°** End:

Vertical Angle to Obs. Pt. Start: **20°** End: _____
 Direction to Obs. Pt. (Degrees) Start: **270°** End:
 Distance and Direction to Observation Point from Emission Point Start: **Same** End:

Describe Emissions: Start: **NONE** End:
 Emission Color: _____ Water Droplet Plume: _____
 Attached Detached None

Describe Plume Background: Start: **SKY** End:
 Background Color: **GRAY** Sky Conditions: **OCAST** End:
 Wind Speed: **2.5 mph** End:
 Wind Direction: **NE** End:
 Ambient Temp.: **59°** End: _____
 Wet Bulb Temp.: **51°** RH Percent: **50%**



Additional Information

Observation Date	Time Zone	Start Time	End Time						
12-6-02	EST	1045	1122						
Sec Min.	0	15	30	45	Sec Min.	0	15	30	45
1	0	0	0	0	31	0	0	0	0
2	0	0	0	0	32	0	0	0	0
3	0	0	0	0	33	0	0	0	0
4	0	0	0	0	34	0	0	0	0
5	0	0	0	0	35	0	0	0	0
6	0	0	0	0	36	0	0	0	0
7	0	0	0	0	37	0	0	0	0
8	0	0	0	0	38	unloading complete			
9	0	0	0	0	39	complete			
10	0	0	0	0	40				
11	0	0	0	0	41				
12	0	0	0	0	42				
13	0	0	0	0	43				
14	0	0	0	0	44				
15	0	0	0	0	45				
16	0	0	0	0	46				
17	0	0	0	0	47				
18	0	0	0	0	48				
19	0	0	0	0	49				
20	0	0	0	0	50				
21	0	0	0	0	51				
22	0	0	0	0	52				
23	0	0	0	0	53				
24	0	0	0	0	54				
25	0	0	0	0	55				
26	0	0	0	0	56				
27	0	0	0	0	57				
28	0	0	0	0	58				
29	0	0	0	0	59				
30	0	0	0	0	60				

Observer's Name (Print): **Denise Corrales**
 Observer's Signature: **Denise Corrales** Date: **12/6/02**
 Organization: **Cemex, Inc.**
 Certified By: **ETA** Date: **8/21/02**

VISIBLE EMISSION OBSERVATION FORM 1

Facility ID:

0830019-001-AG

Method Used (Circle One)

Method 9 203A 203B Other: _____

Company Name: **CEMEX, INC.**
 Facility Name: **Dunnellon R/m Plant**
 Street Address: **802 US Hwy 41**
 City: **Dunnellon** State: **FL** Zip: **32630**

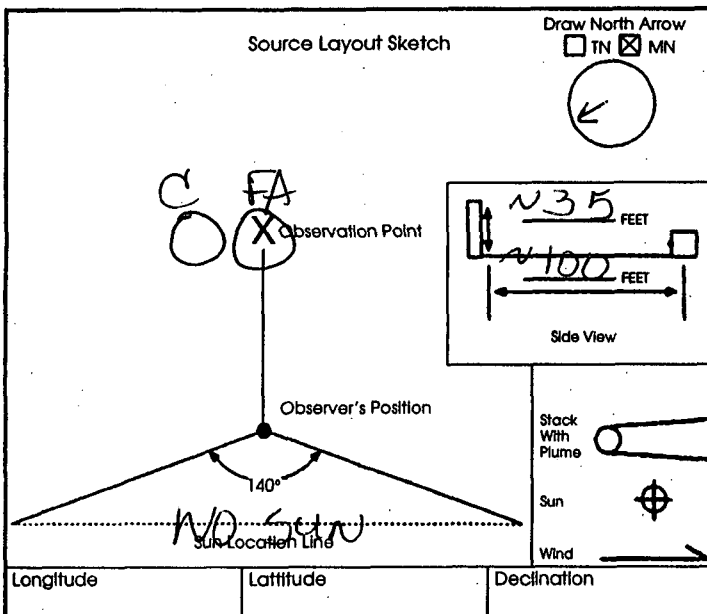
Process: **Fluash unloading** Unit #: **03** Process Rate: **10.00 tons**
 Control Equipment: **CWCP - 305 baghouse** Operating Mode: **Continuous**

Describe Emission Point: **square baghouse atop fluash silo**
 Height of Emiss. Pt. Start: **35'** End:
 Height of Emiss. Pt. Rel. to Observer Start: **35'** End:
 Distance to Emiss. Pt. Start: **100'** End:
 Direction to Emiss. Pt. (Degrees) Start: **265°** End:

Vertical Angle to Obs. Pt. Start: **17°** End:
 Direction to Obs. Pt. (Degrees) Start: **265°** End:
 Distance and Direction to Observation Point from Emission Point Start: **Same** End:

Describe Emissions: **AVONE** End:
 Emission Color: **AVONE** Water Droplet Plume:
 Attached: Detached: None:

Describe Plume Background: **sky** End:
 Background Color: **GRAY** End:
 Sky Conditions: **0CAST** End:
 Wind Speed: **2-5mph** End:
 Wind Direction: **NE** End:
 Ambient Temp: **59°** Wet Bulb Temp: **51°** RH Percent: **50%**



Additional Information

Observation Date		Time Zone				Start Time				End Time			
12-6-02		EST				1100				1113			
Sec Min.	0	15	30	45	Sec Min.	0	15	30	45	0	15	30	45
1	0	0	0	0	31								
2	0	0	0	0	32								
3	0	0	0	0	33								
4	0	0	0	0	34								
5	0	0	0	0	35								
6	0	0	0	0	36								
7	0	0	0	0	37								
8	0	0	0	0	38								
9	0	0	0	0	39								
10	0	0	0	0	40								
11	0	0	0	0	41								
12	0	0	0	0	42								
13	0	*	*	43	43								
14				44	44								
15				45	45								
16				46	46								
17				47	47								
18				48	48								
19				49	49								
20				50	50								
21				51	51								
22				52	52								
23				53	53								
24				54	54								
25				55	55								
26				56	56								
27				57	57								
28				58	58								
29				59	59								
30				60	60								

Observer's Name (Print): **Denise Corrales**
 Observer's Signature: **Denise Corrales** Date: **12/6/02**
 Organization: **Cemex, Inc.**
 Certified By: **ETA** Date: **8/21/02**



November 22, 2002

Mr. Bill Proses
FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION
3804 Coconut Palm Drive
Tampa, FL 33619

Dear Mr. Proses:

This is to notify you that I will be conducting Method 9 compliance testing at the following facility(s) in your District:

Dunnellon Readymix Plant
Permit No: 0830019-001-AG
~~Friday, December 6, 2002~~
To begin at 10:30 am

If you require any additional information, please do not hesitate to contact me.

Very truly yours,

Denise Corrales
Regional Environmental Manager

cc: Jerry Hays, Plant Manager



D.E.P.
APR 02 2001
Southwest District Tampa

March 30, 2001

Mr. Louis Fernandez
FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
3804 Coconut Palm Drive
Tampa, FL 33619-8318

Re: CEMEX, Inc.
f/k/a Southdown, Inc.

Dear Mr. Fernandez:

Rule 62-4.120, Florida Administrative Code, requires a permittee to submit to the Department an "Application for Transfer of Permit" thirty (30) days after the sale or legal transfer of a permitted facility. Southdown, Inc. continues to own and operate the facility named in the referenced permit. However, Southdown, Inc. is changing its name to CEMEX, Inc. Other than a change in the name of the owner, everything else, including plant personnel, will remain unchanged.

Inasmuch as the name change is not a sale or legal transfer, we are uncertain as to what we need to do to ensure that our name change is properly reflected in your records. Please find listed below the facilities operated in your District:

<u>LOCATION</u>	<u>PERMIT NUMBER</u>
Polk County – Loughman	1050242-001-AG
Polk County – Davenport	1050256-002-AG
Crystal River	0170009-001-AG
Dunnellon	0830019-001-AG
Wildwood (Oxford)	1190026-003-AG
Lecanto	0170010-001-AG
St. Petersburg	1030032-004-AG
Largo	1030036-002-AG

United States Operations

13228 North Central Avenue, Tampa, Florida 33612, USA, Phone: (813) 933-6711, Fax: (813) 931-2088

LOCATION

PERMIT NUMBER

Winter Haven
Odessa
Bradenton
Brooksville
Zephyrhills
Spring Hill

1050067-001-AG
1010074-002-AO
0810043-002-AO
0530022-001-AG
1010035-002-AG
0530019-002-AG

Please advise if any additional information is required in order to change the name.
Should you have any questions, please call me at 813/931-2035.

Sincerely,



Denise Corrales
Environmental Manager

cc: Daniel W. Heinz (Houston)

```

perMits | Events | Payment | Site | Facility | party | Reports | >
-----
Permitting Application
-----
+----- ARMS Facility -----+
| POINT AIRS ID 0830019 STATUS A OFFICE SWD SW: TAMPA |
| SITE NAME SOUTHDOWN, INC. COUNTY MARION |
| OWNER/COMP SOUTHDOWN, INC. P |
+----- Project -----+
| AIR Permit #: 0830019-001-AG Project #: 001 CRA Reference #: 64294 |
| Permit Office: SWD (DISTRICT) Agency Action: Effective |
| Project Name: CONCRETE BATCH PLANT GP Desc: Dunnellon facility |
| Type/Sub/Req: AG /06 Non Title V General Permit - Existi Logged: 21-MAR-2000 |
| Received: 17-MAR-2000 Issued: 17-APR-2000 Expires: 17-APR-2005 OGC: |
| Fee: 100.00 Fee Recd: 100.00 Dele: Override: NONE |
+----- Related Party -----+
| Role: APPLICANT Begin: 21-MAR-2000 End: |
| Name: CORRALES, DENISE Company: SOUTHDOWN INC |
| Addr: PO BOX 31965 |
| City: TAMPA State: FL Zip: 33631- Country: |
| Phone: 813-933-6711 Fax: 813-931-2030 |
+----- Processors -----+
| Processor: FERNANDEZ_L Y Active: 21-MAR-2000 Inactive: |
+-----+
Enter Project Name.
Count: *1 <Replace>

```

Note: Visible emission test(s) are due within 60 days prior to each anniversary of the air general permit notification form submittal date. This is the received date shown on this form. If you have a consultant perform the test(s) for your facility, please provide them with a copy of this form to help you track the test requirement.

ETZ W.
291-9557

CONCRETE BATCH PLANT CHECKLIST

FACILITY Southdown, Inc. (formerly FL Mining & Mat.)
AIRS # 0830019-001-AG
COUNTY Marion

	YES	NO	NA	DATE	
Notification	✓			3/17/00	- 3/6/00 } Orlando
Fee	✓			3/17/00	
VE (existing facility)	✓				
VE entered in ARMS	✓			2/8/00 ^{by Compliance}	
Public Notice if NEW		✓			
Proof of Public Notice		✓			
Issue					
Deny					

Surrendered Permit(s): A042-264845

Notes:
✓ Events done [Central baghouse]

VE < 60 days but OK because
DEP received in Orlando on MAR 6th

VE done 1-11-00
GP rec. Tampa 3/17/00 but Orlando 3/6/00

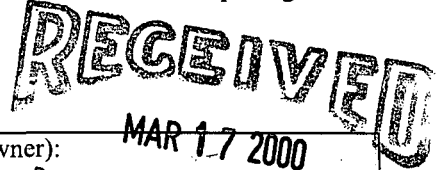
4/18

CONCRETE BATCHING PLANT
AIR GENERAL PERMIT NOTIFICATION FORM



Part III. Notification to Permitting Office
(Detach and submit to permitting office; keep copy onsite)

Instructions to Owner or Operator: To give notice to the Department of an eligible facility's intent to use the concrete batching plant air general permit, the owner or operator of the facility must detach and complete Part III of this Concrete Batching Plant Air General Permit Notification Form and submit it to the appropriate Department of Environmental Protection district office or local air pollution control program office which has been delegated permitting authority. Please type or print clearly all information and enclose the appropriate general permit processing fee pursuant to Rule 62-4.050(4)(n), F.A.C. Also, please refer to the instructions for completing Part III of the notification form at the end of the form.



General Facility Information

Facility Owner/Company Name (Name of corporation, agency, or individual owner):			
Southdown, Inc.			
Site Name (For example, plant name or number):			
Dunnellon Readymix Plant			
Facility Location:			
Street Address: 802 U.S. Highway 41			
City: Dunnellon	County: Marion	Zip Code: 32630	
Facility Start-Up Date:			
N/A			
Relocatable:			
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			

Owner/Authorized Representative

Name and Title:			
Denise Corraies, Environmental Compliance Specialist			
Owner/Authorized Representative Mailing Address:			
Organization/Firm: Southdown, Inc.			
Street Address: Post Office Box 31965			
City: Tampa	County: Hillsborough	Zip Code: 33631	
Owner/Authorized Representative Telephone Number:			
Telephone: (813) 933-6711	Fax: (813) 931-2030		

Facility Contact (If different from Owner/Authorized Representative)

Name and Title:		
SAME AS ABOVE		
Facility Contact Mailing Address:		
Organization/Firm:		
Street Address:		
City:	County:	Zip Code:
Facility Contact Telephone Number:		
Telephone:	Fax:	

Notification Type

Check one:
<input type="checkbox"/> NEW: Notification of a proposed <i>new</i> concrete batching plant.
<input checked="" type="checkbox"/> EXISTING: Notification of an <i>existing</i> permitted concrete batching plant which is <i>not</i> changing location.
<input type="checkbox"/> RELOCATION: Notification of an <i>existing</i> permitted concrete batching plant which <i>is</i> changing location.

Relocation Information (Complete only if the "RELOCATION" box is indicated above)

Previous Facility Location:		
Street Address:		
City:	County:	Zip Code:
Facility Shut-Down Date at Previous Location:		

Facility Comments

<p>For the operation of a concrete batching plant consisting of a cement silo, flyash silo and a batching/truck loading operation.</p> <p>Hours of operation are not limited. Rule 62-4.070(3) F.A.C.</p>

Emissions Unit(s) Description

Emissions generated pneumatic filling of the cement and flyash silos are controlled by a central Vince Hagan Dust Collector, Model 1083-JP.

Emissions from the batching/truck loading operation are controlled by a "TM" shroud and then through the central baghouse system.

Central Baghouse System: Point ID No: 01

Surrender of Existing Air Permit(s)

Check one:

I hereby surrender all existing air permits authorizing operation of the facility indicated on this form; specifically permit number(s) AO42-264845.

No air permits currently exist for the operation of the facility indicated on this form.

Owner/Authorized Representative Statement

I, the undersigned, am the owner or authorized representative of the owner or operator of the facility addressed in this Air General Permit Notification Form. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, I agree to operate and maintain the air pollutant emissions units and air pollution control equipment described in this notification so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof.

I will promptly notify the Department of any changes to the information contained in this notification.

Denise Couales
Signature

3/3/00
Date



January 12, 2000

Mr. Bill Proses
FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION
3804 Coconut Palm Drive
Tampa, FL 33619

Re: Southdown, Inc.
Dunnellon Readymix Plant
Permit No: AO42-264845

Dear Mr. Proses:

Enclosed find copy Annual Air Visible Emission Test performed January 11, 2000 at the above-captioned plant.

If you require any additional information, please do not hesitate to contact me.

Very truly yours,

Denise Corrales
Environmental Compliance Specialist

Enclosure



VISIBLE EMISSION OBSERVATION FORM 1

Facility ID:

A042-264845

Method Used (Circle One)
 Method 9 203A 203B Other: _____

Company Name: Southdown, Inc.
 Facility Name: Dunneilon Rm Plant
 Street Address: 802 US Hwy 41
 City: Dunneilon State: FL Zip: 32630

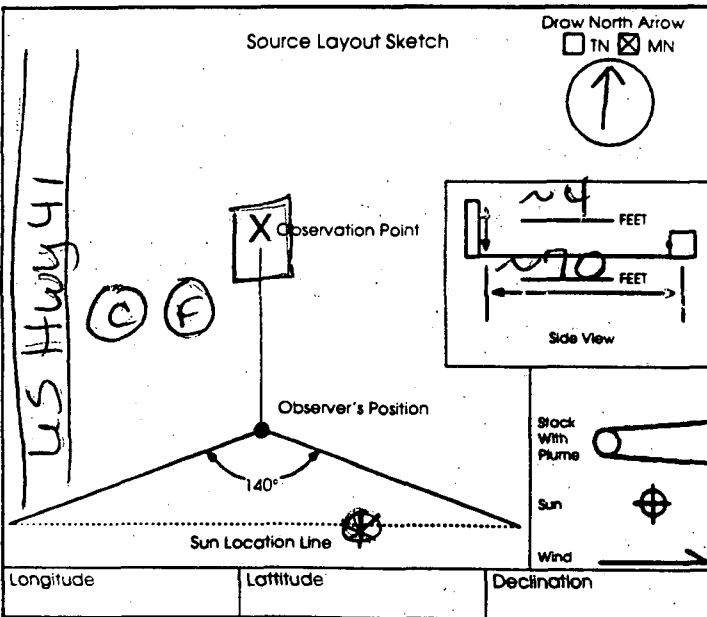
Process: Cement unloading Unit #: 01 Process Rate: 27.22 tons
 Control Equipment: Vince Hogan 1083-JP Operating Mode: Continuous
 Central Collector

Describe Emission Point: White baghouse on north side of silos
 Height of Emiss. Pt.: Start: ~41' End: ✓
 Direction to Emiss. Pt. (Degrees): Start: 360° End: ✓

Vertical Angle to Obs. Pt.: Start: 0° End: ✓
 Direction to Obs. Pt. (Degrees): Start: 360° End: ✓
 Distance and Direction to Observation Point from Emission Point: Start: Same End: ✓

Describe Emissions: Start: NONE End: ✓
 Emission Color: Water Droplet Plume
 Attached Detached None

Describe Plume Background: Start: trees End: ✓
 Background Color: Green End: ✓
 Sky Conditions: Clear End: ✓
 Wind Speed: Calm End: ✓
 Wind Direction: _____
 Ambient Temp: 68° End: ✓
 Wet Bulb Temp: 59° End: ✓
 RH Percent: 59% End: ✓

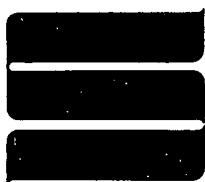


Additional Information: Patching occurred during testing

Observation Date		Time Zone				Start Time				End Time			
1-11-00		EST				0950							
Min.	Sec.				Min.	Sec.							
	0	15	30	45		0	15	30	45				
1	0	0	0	0	31	0	0	0	0				
2	0	0	0	0	32	0	0	0	0				
3	0	0	0	0	33	0	0	0	0				
4	0	0	0	0	34	0	0	0	0				
5	0	0	0	0	35	0	0	0	0				
6	0	0	0	0	36	0	0	0	0				
7	0	0	0	0	37								
8	0	0	0	0	38								
9	0	0	0	0	39								
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11	0	0	0	0	41								
12	0	0	0	0	42								
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15	0	0	0	0	45								
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22	0	0	0	0	52								
23	0	0	0	0	53								
24	0	0	0	0	54								
25	0	0	0	0	55								
26	0	0	0	0	56								
27	0	0	0	0	57								
28	0	0	0	0	58								
29	0	0	0	0	59								
30	0	0	0	0	60								

Observer's Name (Print): Denise Corrales
 Observer's Signature: Denise Corrales Date: 1/11/00
 Organization: Southdown, Inc.
 Certified By: ETA Date: 8/24/99

c #692995



March 3, 2000

Air Permit Section
FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
3319 Maguire Blvd., Suite 232
Orlando, FL 32803-3767

Re: Southdown, Inc.
Dunnellon Concrete Batch Plant
Air General Permit Notification Form

Gentlemen:

Enclosed please find Air General Permit Notification Form, Part III for the above-captioned plant, along with supporting documentation and appropriate processing fee.

Please do not hesitate to call if you have any questions on this matter.

Very truly yours,

Denise Corrales
Environmental Compliance Specialist

Enclosures

cc: Al McGillicuddy, Operations Manager

perMits|_Events_|_Payment_|_Site_|_Facility_|_party_|_Reports_|_ >

----- Permitting Application -----

----- ARMS Facility -----

POINT AIRS ID 0830019 STATUS A OFFICE SWD SW: TAMPA
SITE NAME SOUTHDOWN, INC. COUNTY MARION
OWNER/COMP SOUTHDOWN, INC. P

----- Project -----

AIR Permit #: - - - - - Project #: 001 CRA Reference #: 64294
Permit Office: SWD (DISTRICT) Agency Action: Effective
Project Name: CONCRETE BATCH PLANT GP Desc: Dunnellon facility
Type/Sub/Req: AG /06 Non Title V General Permit - Existi Logged: 21-MAR-2000
Received: 17-MAR-2000 Issued: Expires: OGC: -
Fee: 100.00 Fee Recd: 100.00 Dele: Override: NONE

----- Related Party -----

Role: APPLICANT Begin: 21-MAR-2000 End:
Name: CORRALES, DENISE Company: SOUTHDOWN INC
Addr: PO BOX 31965
City: TAMPA State: FL Zip: 33631- Country:
Phone: 813-933-6711 Fax: 813-931-2030

----- Processors -----

Processor: FERNANDEZ L Y Active: 21-MAR-2000 Inactive:

Enter Project Name.

Count: *1

<Replace>

AREA: SWD _____

Cash Receiving Application
Collection Point Log Remittance

CRAF006A

Tot: _____ \$100.00

SYSSREMT: 377759 Type: CP Recvd Date: 17-MAR-2000 Status: RECEIVED
 SYSSRCPT: 312938 PNR: _____ Check #: 692995 Amount: _____ 100.00
 SSN/FEI#: _____ Name: SOUTHDOWN, INC. _____
 First: SOUTHDOWN CONCRETE P Middle: _____ Title: _____ Suf: _____
 Address1: 13228 N. CENTRAL AVENUE Short Comments:
 Address2: _____ D-AIR/0830019-001
 City: TAMPA ST: FL Zip: 33612- Country: _____

> P A Y M E N T (S) <

Distr	CL	Object	Payment	Reference#	Applic/ Fund	S T A CO
SYSPAYT	Area..	Code/Description.....	Amount.....			
396906	SWD	002272 NON-TITLE_V_GEN	\$100.00	0830019-01	ARM PFTF	CO
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

COMMIT FREQUENTLY _____ \$100.00 Payment total

Press <TAB> to accept Collection Point or enter F&A.

Count: *1

<Replace>