

Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

October 21, 2008

Mr. Tom Young
Redbay Sand Company, Incorporated
Redbay Sand Mine
501 Sand Plant Road
Ponce de Leon, Florida 32455

Dear Mr. Young:

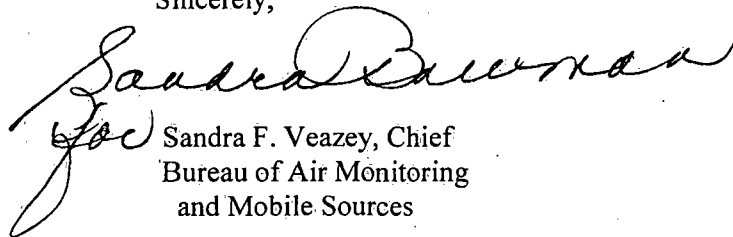
This is to acknowledge that your notification of intent to use the authority of Rule 62-210.310 to operate your facility was received on September 18, 2008. We have assigned ARMS No. 7774825-001 to this facility.

As you know, pursuant to Florida Statutes section 403.814, authority to operate under general permits commences thirty (30) days after receipt of the registration form unless you have been notified by this office that your facility has not shown entitlement to operate pursuant to the rule provisions.

For your information, authority to operate pursuant to Rule 62-210.310 expires after five (5) years. Therefore, a new registration form must be received no later than five (5) years after the date your notice was received as indicated above. If your general permit rule conditions require testing, such testing must be completed within the time frame specified in the rule.

If you have any additional questions, please contact Dickson Dibble at 850/921-9586.

Sincerely,



Sandra F. Veazey, Chief
Bureau of Air Monitoring
and Mobile Sources

SFV/pg

cc: Mr. Armando Sarasua, Northwest District

F&A RECEIPT DATE SEP 18 2008

Bureau of Environmental
& Mobile Sources

SEP 19 2008

RECEIVED

CONCRETE BATCHING PLANT AIR GENERAL PERMIT REGISTRATION FORM

Part II. Notification to Permitting Office

(Detach and submit to appropriate permitting office; keep copy onsite)

Instructions: To give notice to the Department of an eligible facility's intent to use this air general permit, the owner or operator of the facility must detach and complete this part of the Air General Permit Registration Form and submit it to the appropriate Department of Environmental Protection or local air pollution control program office which has permitting authority. Please type or print clearly all information, and enclose the appropriate air general permit registration processing fee pursuant to Rule 62-4.050, F.A.C. (\$100 as of the effective date of this form)

Registration Type

7774825-131013-001

Check one:

INITIAL REGISTRATION - Notification of intent to:

- Construct and operate a proposed new facility.*Facility consists of portable dry cement silo - no construction
- Operate an existing facility not currently using an air general permit (e.g., a facility proposing to go from an air operation permit to an air general permit).

RE-REGISTRATION (for facilities currently using an air general permit) - Notification of intent to:

- Continue operating the facility after expiration of the current term of air general permit use.
- Continue operating the facility after a change of ownership.
- Make an equipment change requiring re-registration pursuant to Rule 62-210.310(2)(e), F.A.C., or any other change not considered an administrative correction under Rule 62-210.310(2)(d), F.A.C.

Surrender of Existing Air Operation Permit(s) - For Initial Registrations Only

If the facility currently holds one or more air operation permits, such permit(s) must be surrendered by the owner or operator upon the effective date of this air general permit. In such case, check the first box, and indicate the operation permits being surrendered. If no air operation permits are held by the facility, check the second box.

- All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s):
- No air operation permits currently exist for this facility.

General Facility Information

Facility Owner/Company Name (Name of corporation, agency, or individual owner who or which owns, leases, operates, controls, or supervises the facility.)

Redbay Sand Company, Inc.

Site Name (Name, if any, of the facility site; e.g., Plant A, Metropolis Plant, etc. If more than one facility is owned, a registration form must be completed for each.)

Redbay Sand Mine

Facility Location (Provide the physical location of the facility, not necessarily the mailing address.)

Street Address: 501 Sand Plant Road

City: Ponce de Leon

County: Walton

Zip Code: 32455

Facility Start-Up Date (Estimated start-up date of proposed new facility.)(N/A for existing facility)

October 2008

Owner/Authorized Representative

Name and Position Title (Person who, by signing this form below, certifies that the facility is eligible to use this air general permit.)

Print Name and Title: Tom Young, Owner's Representative

Owner/Authorized Representative Mailing Address

Organization/Firm: Redbay Sand Company, Inc.

Street Address: P.O. Box 9088

City: Panama City Beach

County: Bay

Zip Code: 32417

Owner/Authorized Representative Telephone Numbers

Telephone: (850) 381-0480

Fax: (850) 235-4608

Cell phone (optional):

Facility Contact (If different from Owner/Authorized Representative)

Name and Position Title (Plant manager or person to be contacted regarding day-to-day operations at the facility.)

Print Name and Title:

Facility Contact Mailing Address

Organization/Firm:

Street Address:

City:

County:

Zip Code:

Facility Contact Telephone Numbers

Telephone:

Fax:

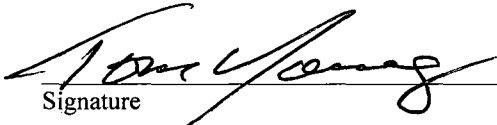
Cell phone (optional):

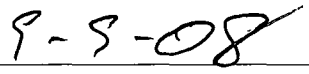
Owner/Authorized Representative Statement

This statement must be signed and dated by the person named above as owner or authorized representative

I, the undersigned, am the owner or authorized representative of the owner or operator of the facility addressed in this Air General Permit Registration Form. I hereby certify, based on information and belief formed after reasonable inquiry, that the facility addressed in this registration form is eligible for use of this air general permit and that the statements made in this registration form are true, accurate and complete. Further, I agree to operate and maintain the facility described in this registration form 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 registration form.


Signature


Date

Type of Facility

Check one:

Stationary Facility

Relocatable Facility

Type(s) of Reasonable Precautions Used to Prevent Unconfined Emissions

Check all precautions to be used for the management of roads, parking areas, stock piles and yards:

Pave Roads

Pave Parking Areas

Pave Yards

Maintain Roads/Parking/Yards

Use Water Application

Use Dust Suppressant

Remove Particulate Matter

Reduce Stock Pile Height

Install Wind Breaks

Check all precautions to be used for the management of drop points to trucks:

Spray Bar

Chute

Enclosure

Partial enclosure

Description of Reasonable Precautions

Below, or as an attachment to this form, provide details of all types of reasonable precautions to be used to prevent unconfined emissions at the facility.

The facility will consist of a single dry cement storage silo. For prevention of unconfined emissions, the silo will have a baghouse. There will be no mixing on site. The dirt road shall be maintained and air pollution kept to a minimum by the baghouse.

Description of Facility

Below, or as an attachment to this form, provide a description of the concrete batching plant operations at the facility in sufficient detail to demonstrate the facility's eligibility for use of this air general permit and to provide a basis for tracking any future equipment or process changes at the facility. Describe all air pollutant-emitting processes and equipment at the facility, and identify any air pollution control measures or equipment used.

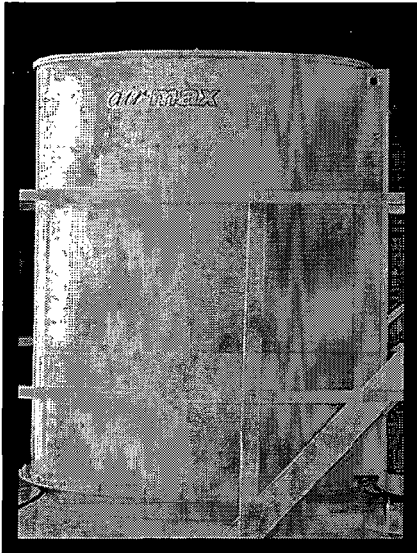
The facility will consist of a single dry cement storage silo. For prevention of unconfined emissions, the silo will have a baghouse. There will be no mixing on site. A gunite system truck will receive the dry cement from the silo and it will be mixed off site. Our client owns a pool business and would like to have a dry storage for cement. We were instructed to apply for this permit because the silo will have a baghouse.



DIVERSIFIED STORAGE SYSTEMS

(888) SILO-SYS (888) 745-6797

airmax 150 S Dust Collector



Collector Specifications

Total Filtration Area	150 Sq. Ft.
Air to Cloth Ratio (ACFM/Sq.)	2.5
Pressure Drop (in. H 2O)	6"
Air Capacity	375 C.F.M.
Outlet Area (Sq.)	.58
Cleaning Method	Shaker Plate
Vibrator (Air or Electric)	Rotary Style
Vibrator Air Consumption (High Press.)	8 CFM (Max)
Vibrator Power	120 V/ 1 ph
Duty Cycle	1.5 hours
* Normal Operating Pressure	8 -- 15 PSI
* Max Operating Pressure	20 PSI
Over pressure relief settings	18 PSI

Filter Bag Specifications

Filter Bag Count	18 hung style
Replacement Filter Bag Model #	DC150S
Dimensions	8" OD X 48" Height
Filter Area (Per)	8.33 Sq. '
Material Weight	9 oz. / Sq. Yd.
Fiber	100% Polyester
Construction	Spun/Spun
Permeability	25 c.f.m.
Mullen Burst Dry	500 PSI
Temperature Limit	275 Deg. F.
Efficiency (PM-10)	99.99%

Vibrator Specifications

Air Vibrator	Model V-190
VPM @ 60 PSI	4200
CFM @ 60 PSI	7.5 CFM
Noise @ 60 PSI	70 db
Control	Manual
Electric Vibrator	Model 2P-75
Voltage/amps	115v/0.5 amp
VPM	3600
Noise	60 db.
Control	Auto/Manual

Collector Performance (PM-Reg.)**

0.0 - 0.5 Micron	99.98% Passing
0.5- 1.0 Micron	0.02 % Passing
1.0 - 20.0 Micron	0.0% Passing

Mounting Options

- Bin Vent Mount (Silo Top)
- Base Mount (Optional Base Needed)
- Trailer Mount (Portable Applications)

** Typical Portland Cement is 44 Micron

* This style unit does not use magnahelic gauge. Dust Collector performance is measured by back pressure at load line.

1135 E. Wooley Rd. Ph # 805-247-0418
Oxnard CA, 93030 Fax # 805-247-0246

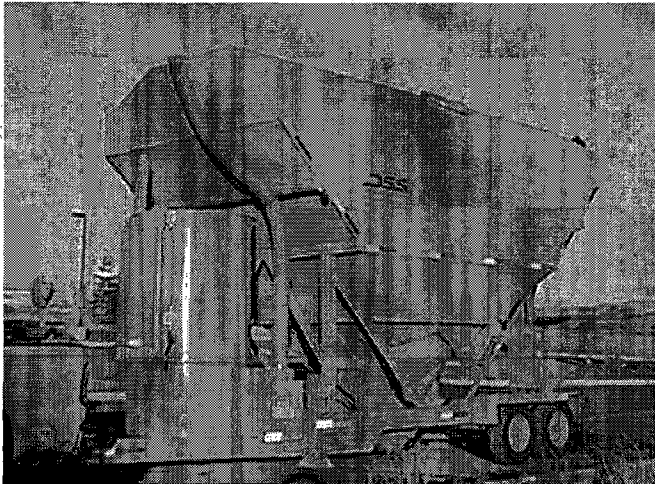
www.CementSilos.com

(888) 745-6797

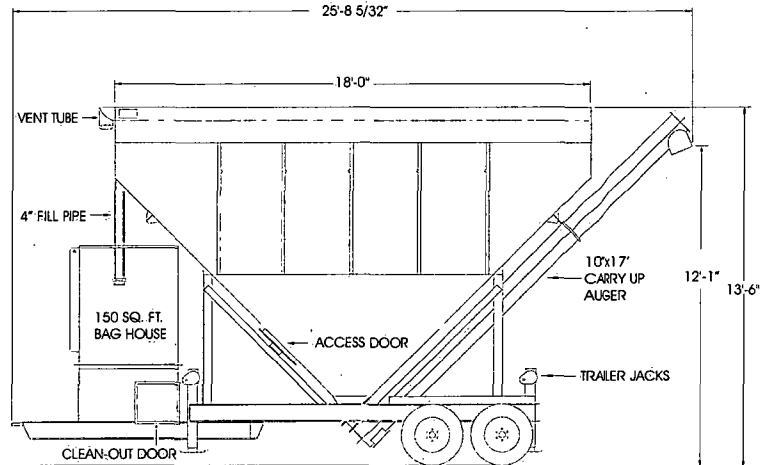


cementsilos.com

LOW-PRO SILO - 800 CU. FT CAPACITY



Can easily be towed - legal height & width!



STANDARD FEATURES

- 30 Ton Capacity (Cement)
- 10" Diameter Screw (12 cf/minute)
- 10hp 3 Phase Motor and Gear Box Drive
- 150 sq. ft. Bag House with Electric Vibrator
- Jamgate Assembly
- Upper Level Bindicator with Light and Horn Alarm
- Starter Panel
- Cone Actuators
- Non-stick Cone Coating
- Heavy Duty Axle Trailer with Light Package

OPTIONS

- 7" Diameter Screw
- 5hp Motor and Gear Box Drive
- 16hp Gas Motor

SETUP/SITE REQUIREMENTS

- Compacted, level soil or better

APPLICATIONS

- Cement
- Fly Ash
- Lime
- CKD
- Sand
- Bentonite/Clay
- Calcium Carbonate
- Chemical Powder Products
- Agricultural Powder Products
- Food Grade Dry Bulk Products

Dibble, Dickson

From: Jennifer Bowes [jennifer@gorteng.com]
Sent: Thursday, October 09, 2008 2:08 PM
To: Dibble, Dickson
Cc: 'Dexter Gortemoller'; 'Tom Young'
Subject: Redbay Sand Company/Cox Building Concrete Batch Air Permits
Attachments: Airmax%20150%20S.pdf; Silo800.pdf

Dick,

Per our conversation on the phone, I have attached a spec sheet for the bag house and silo. It is a horizontal silo and will be loaded by an auger device that will connect to a fitted boot so that no particles shall be dispensed when loading the truck. This silo and bag house apply to both permit applications (Redbay and Cox). Please let me know if you need anything else.

Thank you.

Jennifer Bowes
Gortemoller Engineering, Inc.
5 Miracle Strip Loop, Suite 16
Panama City Beach, FL 32407

Phone: (850) 249-2425
Fax: (850) 249-2426
Email: jennifer@gorteng.com



September 16th, 2008

Florida Department of Environmental Protection
Receipts Office
P.O. Box 3070
Tallahassee, Florida 32315

Re: Concrete Batching Plant - Air General Permit Registration Form.
Redbay Sand Mine
Walton County, FL

To Whom It May Concern:

Per my discussion with Ms. Sandy Bouman, we are requesting an Air General Permit for the referenced project. We were directed to apply for the Concrete Batching Plant – Air General Permit for a single, mobile, dry storage, cement silo trailer. It is our understanding that the silo qualifies for this permit because it will have a baghouse as a pollution control device.

The owner has a pool construction business and wanted to have the dry storage silo to reduce costs. There will be no concrete mixing at the site. Gunitite Systems trucks will be loaded with the dry cement from the silo trailer. The Gunitite trucks will then transport the dry cement and gunitite to particular site locations and then mix concrete in the truck for use at each site. Please see attached General Permit Application, processing fee for \$100.00, and Location Maps.

Please contact me if you have any questions regarding this matter.

Thank you.

Sincerely,
Gortemoller Engineering, Inc.

A handwritten signature in cursive script that reads 'Jennifer Bowes'.

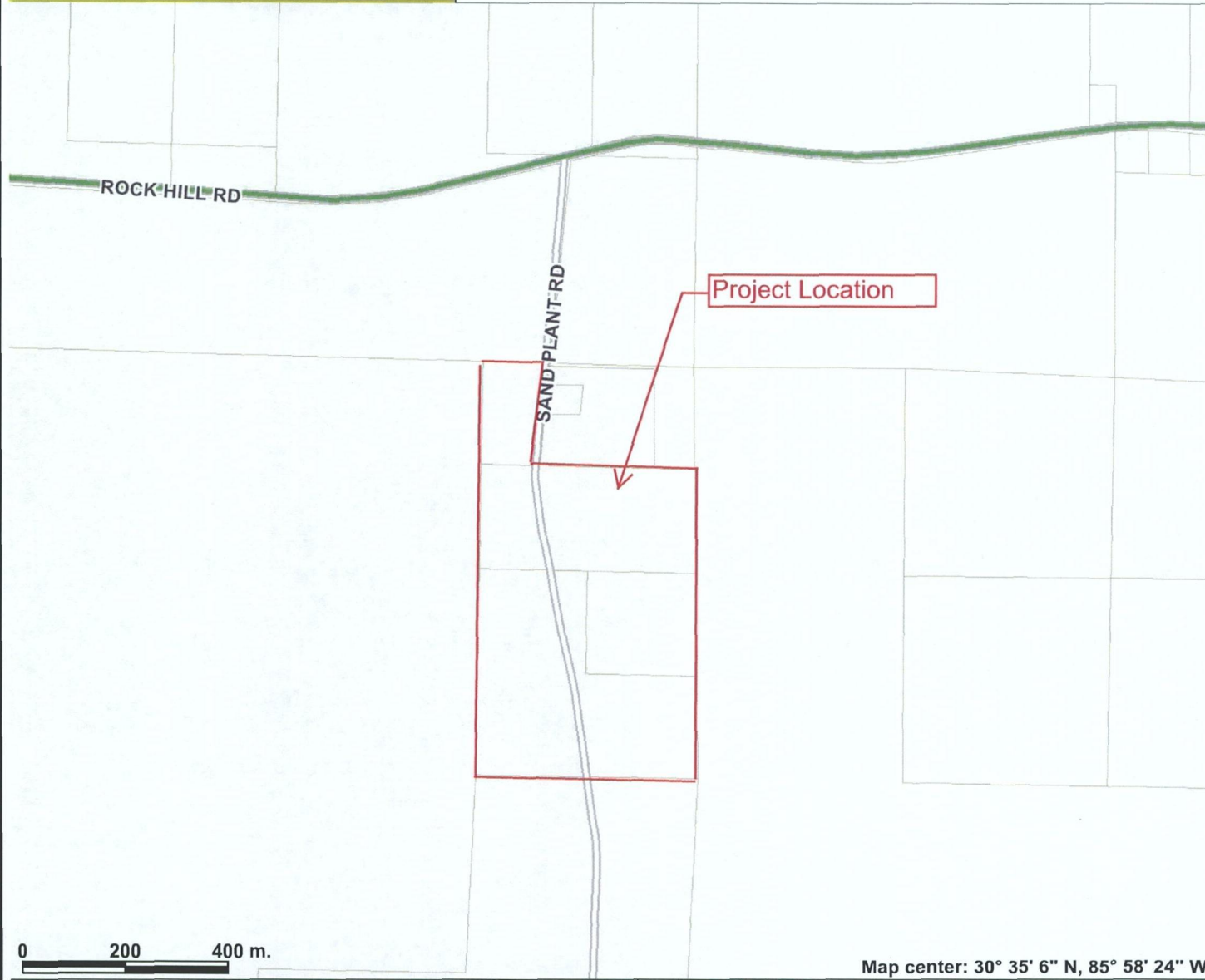
Jennifer Bowes
Engineer

Xc: Tom Young, Redbay Sand Company
File

**5 Miracle Strip Loop Suite 16 - P.O. Box 9685
Panama City Beach, Florida 32417
(850) 249-2425 – (850) 249-2426 FAX – www.gorteng.com**



Location Map



- ### Legend
- Function Class**
- Arterial-Major
 - Arterial-Minor
 - Collector
 - Streets
 - County Owned Property
 - Parcels
 - Lakes
 - Municipalities
 - Walton County

0 200 400 m.

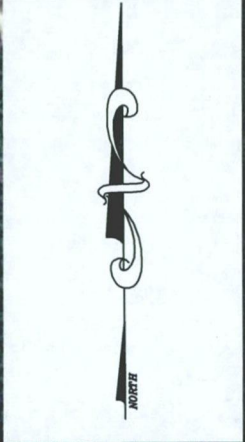
Map center: 30° 35' 6" N, 85° 58' 24" W



Scale: 1:11,726

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.





Sand Plant Road

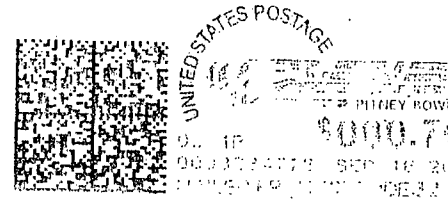


Gortemoller Engineering, Inc.
P.O. Box 9685
Panama City Beach, FL 32407
(850) 249-2425
CA - 00009505

Aerial Map

Client: Redbay Sand Company, Inc.
Purpose: Sand Mine
Project Location/USGS: Redbay
Latitude: 30°34'55" N
Longitude: 85°58'28.9" W
Sect. 18 Twnshp: 2N Range: 17W

Job: 07-039
Parcel ID: 18-2N-17-05000-002-0000
18-2N-17-05000-004-0000
18-2N-17-05000-004-0010
18-2N-17-05000-004-0001
Date: 02/22/2008



5 Miracle Strip Loop, Suite 16 • P.O. Box 9685 (32417)
Panama City Beach, Florida 32407

Attention: *FDEP*
Receipts Office
P.O. Box 3070
Tallahassee FL 32316

**Florida Department of Environmental Protection
Cash Receiving Application (CRA)
Cashlisting by Deposit #: 291155 thru 291155
Printed: 9/18/2008 4:37:23 PM - Page 12**

Cashlisting: 71014 Cashlist Area: 3755 Description: DIV OF AIR RESOURCES MGMT.
Deposit No: 291155 Date Deposited: 09/18/2008 Contact: E. WALKER

Object	Transmittal	Dep DDN	Receipt Number	Pre-Numbered Receipt	Name	Check Number	Payment Amount	Reference Account	Payment Number	Remittance Number	Fund	Grant
002222	50544		637352		JEA	000662621	\$7,500.00	0310561002	900448	796375	PFTF	
Object Code 002222 Subtotal:							\$7,500.00					
002272	50556	485851	637448		GORTEMOLLER ENGINEERING, INC	7228	\$100.00		900571	796476	PFTF	
	50556	485852	637449		GORTEMOLLER ENGINEERING, INC	7227	\$100.00		900573	796477	PFTF	
	50568		637484		VCNA PRESTIGE MATERIALS HOLDIN	15587	\$100.00		900594	796517	PFTF	
Object Code 002272 Subtotal:							\$300.00					
002278	50556	485855	637452		ART ENVIRONMENTAL, INC	3486	\$200.00	50160	900578	796480	APCTF	
Object Code 002278 Subtotal:							\$200.00					
Cashlisting 71014 Total:							\$8,000.00					

*7774825-201
10/14/2008-CCB*

7227

FDEP - Air General Permit

FDEP Air General Permit - Red Bay

9/16/2008

100.00

GE Checking

Red Bay

100.00