



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

September 26, 2008

Mr. Patrick Geiger, Superintendent
Barnard Construction Company, Incorporated
Peace River Reservoir Project
8999 Southwest County Road #769
Arcadia, Florida 34629

Dear Mr. Geiger:

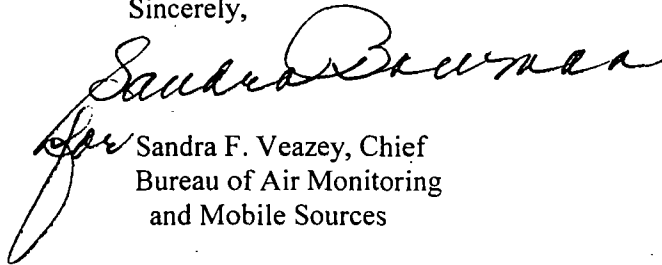
This is to acknowledge that your notification of intent to use the authority of Rule 62-210.310 to operate your facility was received on August 26, 2008. We have assigned ARMS No: 7775534-001 to this facility.

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: Ms. Danielle Henry, Southwest District

Florida Department of Environmental Protection
Cash Receiving Application (CRA)
Cashlisting by Deposit #: 291108 thru 291108
Printed: 8/27/2008 8:35:58 AM - Page 11

Cashlisting: 70571 Cashlist Area: 3755 Description: **DIV OF AIR RESOURCES MGMT.**
 Deposit No: 291108 Date Deposited: 08/26/2008 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
002272	50195	485323	635152		GERALD ARVIDSON	1506	\$100.00	7775534-001	897140	794007	PFTF	
	50195	485333	635163		MARINE TRANSPORTATION SERVICES	012421	\$100.00	9/5/2008-CCB	897165	794018	PFTF	

Object Code 002272 Subtotal: \$200.00

Cashlisting 70571 Total: \$200.00



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EPI3F

CONCRETE BATCHING PLANT AIR GENERAL PERMIT REGISTRATION FORM

Bureau of Air, Water,
& Mobile Sources

AUG 28 2008

RECEIVED

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)

7775534-001

Registration Type

Check one:

INITIAL REGISTRATION - Notification of intent to:

- Construct and operate a proposed new facility.
- 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.)

Barnard Construction 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.)

Peace River Reservoir Project

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

Street Address: 8999 Southwest County Road 769

City: Arcadia

County: Desoto

Zip Code: 34629

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

September 25, 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: Gerry Arvidson
Project Manager

Owner/Authorized Representative Mailing Address

Organization/Firm: Barnard Construction Company, Inc.
Street Address: 8999 SW County Road 769
City: Arcadia County: Florida Zip Code: 34269

Owner/Authorized Representative Telephone Numbers

Telephone: (863) 491-7415 Fax: (863) 491-7419
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: Patrick Geiger - Superintendent

Facility Contact Mailing Address

Organization/Firm: Barnard Construction Company, Inc.
Street Address: 8999 Southwest County Road 769
City: Arcadia County: Desoto Zip Code: 34269


Facility Contact Telephone Numbers

Telephone: (863) 491-7415 Ext. 109 Fax: (863) 491-7419
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

8/21/08
Date

Type of Facility

Check one:

<input type="checkbox"/> Stationary Facility	<input checked="" type="checkbox"/> Relocatable Facility
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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:

<input type="checkbox"/> Pave Roads	<input type="checkbox"/> Pave Parking Areas	<input type="checkbox"/> Pave Yards
<input checked="" type="checkbox"/> Maintain Roads/Parking/Yards	<input checked="" type="checkbox"/> Use Water Application	<input type="checkbox"/> Use Dust Suppressant
<input type="checkbox"/> Remove Particulate Matter	<input checked="" type="checkbox"/> Reduce Stock Pile Height	<input type="checkbox"/> Install Wind Breaks

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

<input type="checkbox"/> Spray Bar	<input checked="" type="checkbox"/> Chute	<input type="checkbox"/> Enclosure
	<input type="checkbox"/> 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.

Unconfined Emissions: 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 as required by Rule 62-296.320(4)(c), F.A.C. For concrete batching plants the following shall constitute reasonable precautions:

- (1) Management of roads, parking areas, stockpiles, and yards, which shall include one or more of the following:
2. Application of water or environmentally safe dust-suppressant chemicals when necessary to control emissions.
3. 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.
4. Particulate matter generated by the loading of the silo is controlled by a 16" diameter dust duct.

[Rule 62-296.414(2),F.A.C.]

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 concrete batch plant consists of a split single silo with a double wall partition. The silo is manufactured by Erie Strayer Co. (MG11c) and has a 16" diameter dust duct to control emissions generated during the filling of the fly ash silo compartment. A separate dust collection system for the cement silo, cement batcher, and mixer is manufactured by C & W Manufacturing and Sales Co. (model CP-3040) which controls emissions from the drop point where the cement, aggregate and sand drop into the trucks.

Emissions Units(s) are identified as follows:

Emissions Unit 001: Concrete Batch Plant

Emission Point 01: Truck Drop Point with model CP3040 Central Dust Collector

- Weigh Hopper/Truck Drop Point: Particulate matter generated during the dropping of cement, aggregate, and sand into the mixing truck shall be controlled with a C & W Dust Collector, Model No. CP-3040. Nominal air flow is 16,500 acfm. The design static pressure drop across the baghouse is 8 inches of water. Removal efficiency is estimated to be 99.9%

Emission Point 02: Elevated cement and fly ash silo compartment (Erie Strayer model MG11c).

- Silo Compartment (Fly Ash Compartment): Particulate matter generated by the loading of the silo is controlled by a 16" diameter dust duct.

PTS

- #2 LOADING HOPPER - FUGITIVE
- #3 " " DROP PT. -
- #4 CONVEYOR TO 3 BIN HOPPER - DROP POINT
- #5 MIXER DROP PT
- #6 EXIT HOPPER CONVEYOR

#7 CONVEYOR TO TRUCK HOPPER DROP PT.

#8 TRUCK HOPPER TO TRUCK DROP PT.

Attachments

Attachment A- Central dust collector CP-3040 specifications, emission factors, and general arrangement

Attachment B- Fan selection and specifications

Attachment C- Low profile two mixer production calculations (based on one mixer only)

Attachment D- General assembly and specifications of the concrete batch plant

Attachment A

Central dust collector CP-3040 specifications, emission factors, and general arrangement

SPECIFICATIONS

MODEL: CP3040

CFM: 16,500 @ 8" S.P.

TOTAL SQUARE FOOTAGE OF FILTERING MEDIA: 3118

CONSTRUCTION: 10 GA PAINTED CARBON STEEL HOUSING AND DISCHARGE HOPPER SUPPORTED FROM GROUND WITH FOUR LEGS.

MAINTENANCE ACCESS: OSHA APPROVED LADDER ACCESS PLATFORMS FOR FAN, PULSE VALVES AND FILTERS ALL COMPLETE WITH GUARDRAILS.

NUMBER OF CARTRIDGES: 35 TOTAL

CARTRIDGE SIZE: 8" DIA X 78" LONG

MEDIA TYPE: 100% SPUN BOND WASHABLE POLYESTER, PATENTED DROP-IN CARTRIDGE

FINISH: ENAMAL PRIMER AND FINISH COAT

HOPPER TYPE: PYRAMIDAL SHAPE WITH 8" ROUND DISCHARGE.

INLET TYPE: HIGH LEVEL HORIZONTAL ENTRY EXPANSION CHAMBER FOR PRE DUST SETTLEMENT PRIOR TO ENTRY INTO FILTER COMPARTMENT.

OUTLET TYPE: ELEVATED FAN HORIZONTAL DISCHARGE.

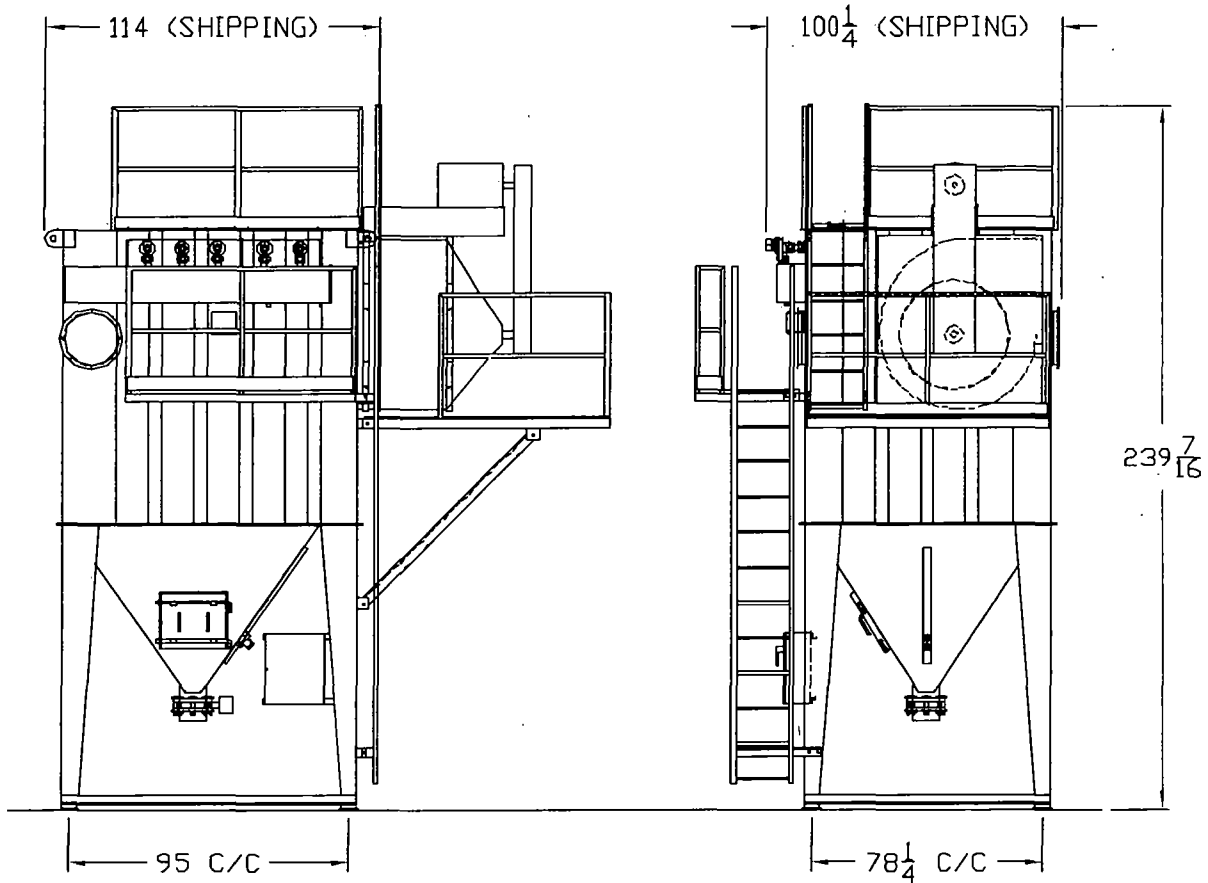
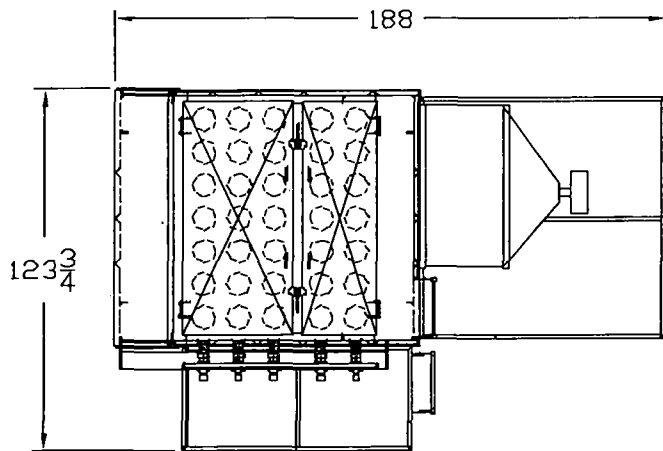
CARTRIDGE CLEANING: ADJUSTABLE SOLID STATE TIMER BOARDS DESIGNED TO PULSE SOLENOIDS USING 90 PSI COMPRESSED AIR THROUGH SONIC VELOCITY, LASER ALIGNED JET CLEANING NOZZLES.

PULSE AIR PRE CONDITIONING: FILTER/REGULATOR WITH PRESSURE GAUGE AND SUN RAY WATER SEPARATOR TO PROVIDE CLEAN DRY AIR TO PULSE JET CLEANING MECHANISM.

MOTOR CONTROLS: UL LISTED NEMA 4, 480V/60/3, CABINET HOUSING THE COMPLETE ON/OFF CONTROLS FOR FAN, THE ADJUSTABLE TIMERS FOR THE PULSE CLEANING SYSTEM AND THE RECYCLE SYSTEM WITH ADJUSTABLE OVERLOAD TRANSFORMER AND TIMERS. THIS UNIT WILL BE PRE-WIRED AND SHOP TESTED PRIOR TO DELIVERY.

FAN: HEAVY ALL PAINTED STEEL HOUSING WITH BACKWARD INCLINED BLADE, HEAVY-DUTY, SELF ALIGNING, RELUBRICATABLE, BALL BEARINGS IN CAST IRON PILLOW BLOCKS.

FAN MOTOR: 40HP-1800 RPM, TEFC, 480 VOLTS-3 PH- 60 HZ.



CP-3040-3578 CARTRIDGE PULSE
CENTRAL COLLECTOR, GENERAL ARRANGEMENT



C & W MFG. & SALES CO.
6933 SHELMOR RD.
ALVARADO, TX 76009 (817)790-5000

Attachment B

Fan selection and specifications



FAN SELECTION And SPECIFICATIONS

Your Cincinnati Fan Representative:
dave corder
texas air handlers

Phone
Fax

Tuesday, July 01, 2008

Job Name:
Reference:

Operating Requirements

Volume, ACFM	16,500
Static Pressure, in. wg	8.0
Density, lb./ft. ³	0.0734
<hr/>	
Operating Temperature, °F	70
Site Altitude, Feet ASL	0
Relative Humidity, %	0
Specific Gravity	1.0
Inlet Pressure, ± in. wg	-8.0
<hr/>	
AMCA Arrangement No.	#9 (Belt)
Motor Frequency, Hz	60
Start-Up Temperature, °F	70

Fan Selection and Specifications

Model	SQBI-290-CW
Fan RPM	1,857
Suggested Motor RPM	1,750
Actual Flow, ACFM	16,500
Actual SP, in. wg	8.0
Percentage of Peak SP	67.3%
<hr/>	
Wheel Description	SQ B.I. Wheel
Wheel Width, %	100%
Wheel Diameter, in.	29.13
Number of Blades	9
WR ² , lb. - ft. ²	89.6
Tip Speed, ft./min.	14,158
<hr/>	
Inlet Diameter, in.	30.56
Inlet Area, ft. ²	4.97
<hr/>	
Outlet Dimensions	26.00 X 23.25 in. rect.
Outlet Area, ft. ²	4.20
Outlet Velocity, ft./min.	3,931
<hr/>	
Fan BHP	32.6
Suggested Motor HP	40.0
Static Efficiency, %	63.7%
Cold Start BHP	32.6
<hr/>	
Construction Class	Class IIP
Maximum Wheel RPM	2,493
Maximum Shaft RPM	1,960

Temperature Notes:

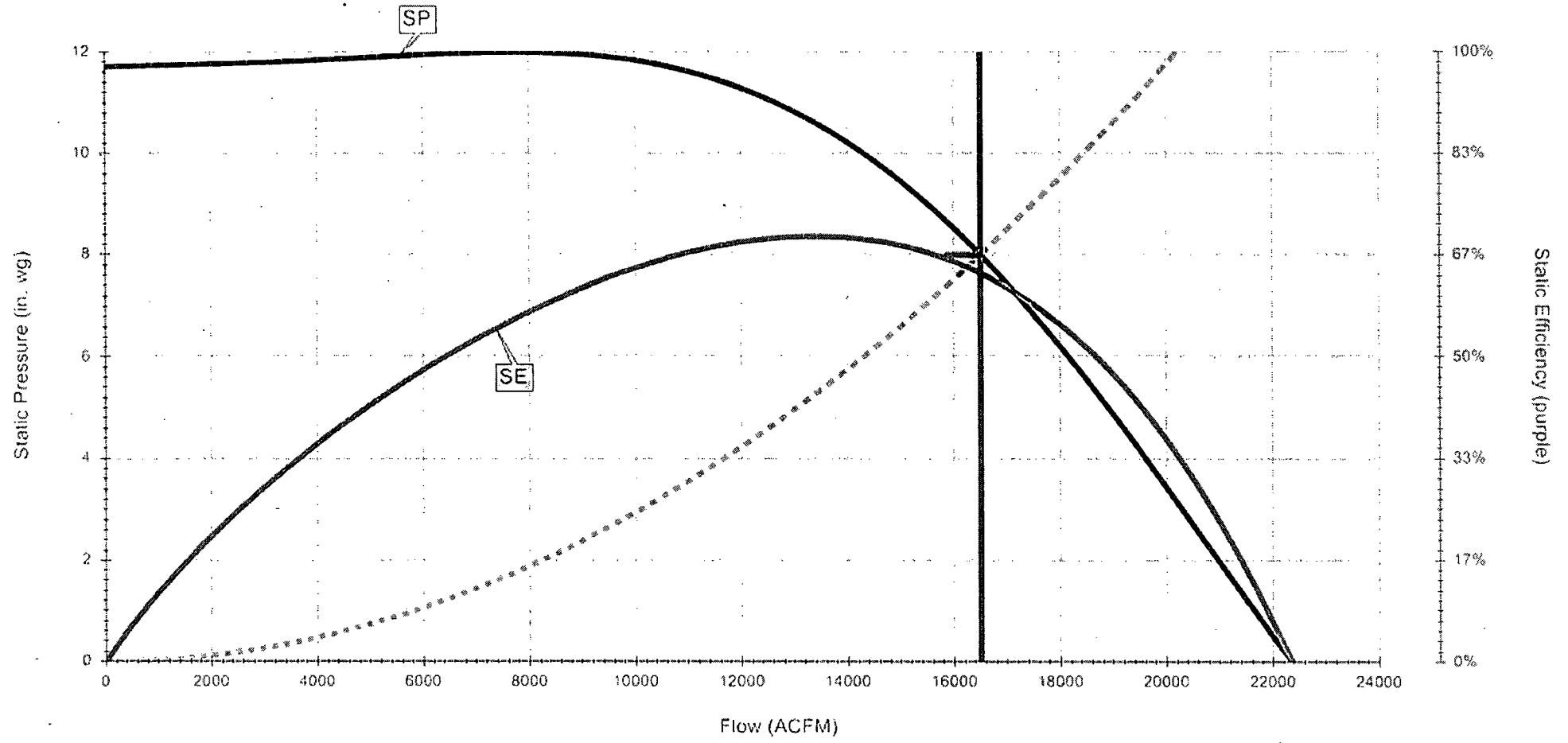
Standard arrangement 9 with steel wheels are suitable to 300°F.
Standard arrangement 4 is suitable to 200°F.
Arrangement 4 is suitable to 400°F with heat slinger/slinger guard, shaft seal, and an external hub wheel.
Aluminum wheels are suitable to 200°F.

Construction Notes:

Special fan model for C&W.

Available Frame Sizes: 143T-324T
Class IIP weight less motor: 1074 lbs.

Cincinnati Fan Model SQBI-290-CW with SQ B.I. Wheel (Full Width) @ 1,857 RPM
Rating Point: 16,500 ACFM @ 8.0 in. wg SP, 0.0734 lb./ft.³ Density, 32.6 BHP



Attachment C

Low profile two mixer production calculations (based on one mixer only)

BARNARD CONSTRUCTION

Proposal P032508REM1 • Reference Drawing 4A-250242-5

Low Profile Two Mixer Central Mixer Plant
Production Capacity Calculations
Based on One Mixer Only

Parameters

- 8 cu yd aggregate batching system with three individual batchers
- 48" batch transfer conveyor (739 FPM 3970 TPH)
- One 8 cu yd BHS twin shaft compulsory mixer*
- 8 cu yd cement batcher
- 4 cu yd pozzolan batcher
- 3" water flow meter
- Soil cement mix (8 cu yd batch) (maximum 30,000#)
- 30 second mix time
- Discharge into surge chute to feed conveyor
- *30-second mix time and 25-second discharge time and charging aggregate, cement and water at same time

Batch Transfer Conveyor

- 48" x 86'-9" center-to-center 739 FPM 3970 TPH
- $739 \text{ FPM} \div 60 \text{ sec/min} = 12.32 \text{ FPS (feet/sec)}$
- $3970 \text{ TPH} \div 3600 \text{ sec/min} = 1.1 \text{ TPS (tons/sec)}$
- $30,000\# \text{ batch aggregate} \div 2000 \text{ lb/ton} = 15 \text{ tons aggregate/batch}$
- $15 \text{ ton} \div 1.1 \text{ TPS} =$
 - 13.6 sec charge aggregate
 - 6.4 sec straggle
 - 20.0 sec charge mixer

Up Conveyor Belt

$86'-9" \text{ long conveyor} \div 12.32 \text{ FPS} = 7 \text{ sec}$

Mixing Cycle

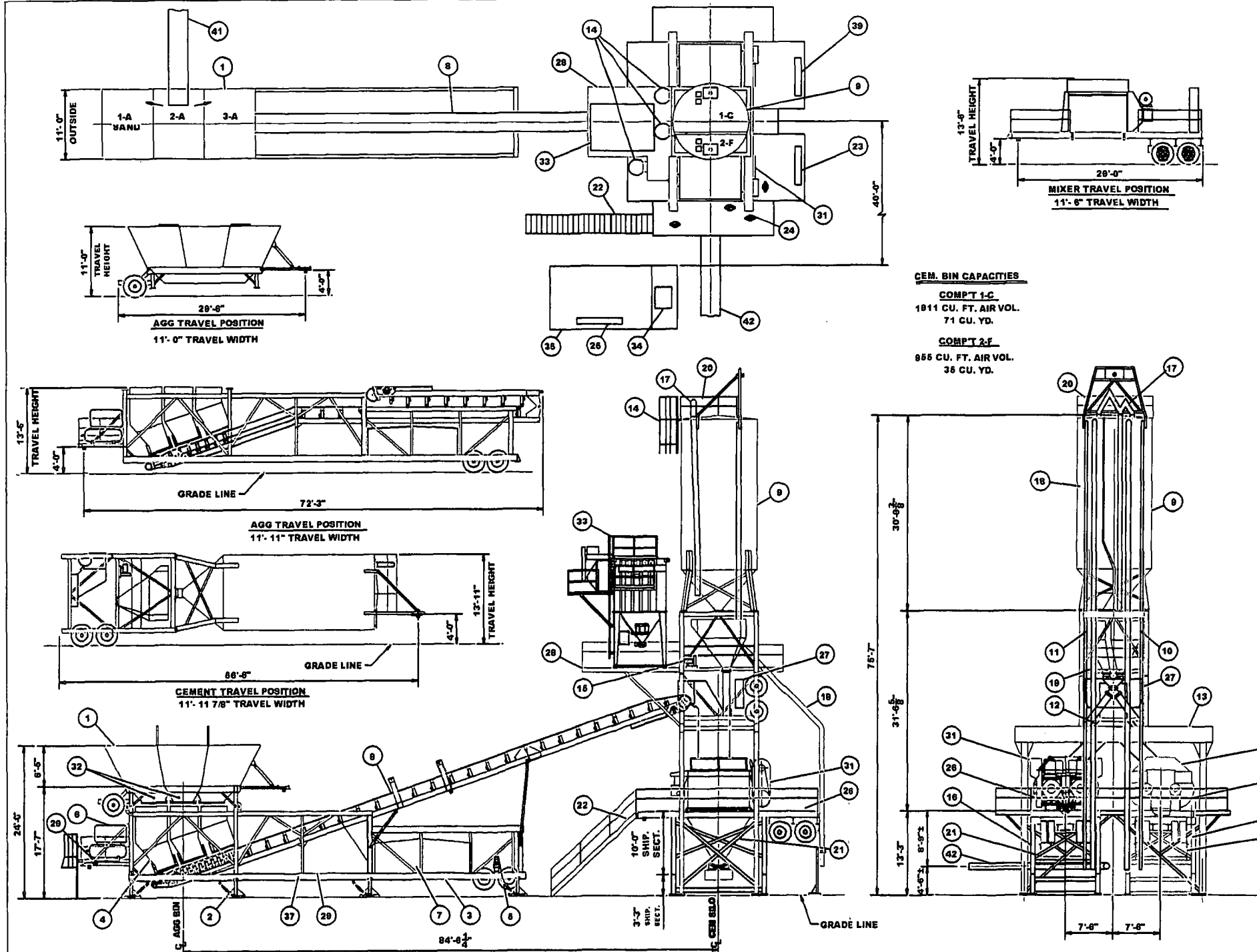
- Delay 2. sec
- Up conveyor 7. sec
- Charge mixer (aggregate on BTC) 20. sec
- Mix time 30. sec
- Discharge mixer 25. sec
- Total cycle time each mixer 84. sec
- $3600 \text{ sec/hr} \div 84 \text{ sec cycle} = 43 \text{ batches/hr}$
- $43 \text{ batches/hr} \times 8 \text{ cu yd batches} = 344 \text{ cu yd/hr at 100\% capacity}$
- Based on 90% efficiency, rated capacity is 310 cu yd/hr.

ERIE's rated production capacity of 310 cu yd/hr is a realistic production rating based on 90% efficiency and the plant parameters given. The capacity is also based on properly maintained equipment, plant being in automatic recycle, all necessary materials and truck mixers available without delays, and on an experienced, capable operator.

Attachment D

General assembly and specifications of the concrete batch plant

BY ERIE STRAYER CO.



- ① AGGREGATE BIN 3 COMPARTMENT (PATT. A-111) 80 CU YD HEAPED CAPACITY
 - ② LOWER COLUMN & BRACING (AGG)
 - ③ AGGREGATE PLANT TRAVEL FRAME
 - ④ 12 CU YD AGG BATCHING SYSTEM W/ 3 INDIVIDUAL AGG BATCHERS
 - ⑤ 5" WATER FLOWMETER W/ 20 H.P. PUMP & 2" SLURRY ADJUST WATER FLOWMETER W/ 5 H.P. PUMP
 - ⑥ 30 HP AIR COMPRESSOR W/120 GAL TANK (2 REQ'D)
 - ⑦ 4000 GALLON WATER STORAGE TANK
 - ⑧ 48" X 80'-0" BATCH TRANSFER CONVEYOR W/ 125 HP DRIVE
 - ⑨ C83-715 MOBILE CEM SILO SPLIT APPROX. 175-275 W/DUPLICATE WALL PARTITION 715 BBL MAX. CAPACITY
 - ⑩ 12 CU YD CEM BATCHER
 - ⑪ 4 CU YD FLYASH BATCHER
 - ⑫ TWO-WAY MIXER CHARGING CHUTES
 - ⑬ LOWER COLUMN & BRACING (CEMENT)
 - ⑭ LADDER & SAFETY CAGE FROM MIXER PLATFORM TO CEMENT SILO ROOF W/ ACCESS TO BATCHER LEVEL SERVICE PLATFORM
 - ⑮ 5 H.P. AERATION BLOWER
 - ⑯ UNITIZED MIXER SUPPORT
 - ⑰ 12" DIA. INTERNAL DUST DUCT
 - ⑱ AIR LOADING PIPING (4 REQ'D) 1'-4" & 1'-6" IN LG. COMPT
 - ⑲ CEMENT BATCH PLATFORM W/ HANDRAILS
 - ⑳ SILO ROOF HANDRAILS
 - ㉑ CONCRETE DIRECTIONAL CHUTE
 - ㉒ STAIRWAY FROM GRADE TO MIXER PLATFORM
 - ㉓ MIXER MOTOR CONTROL PANEL
 - ㉔ MIXER PLATFORM EXTENSION
 - ㉕ PLANT MOTOR CONTROL PANEL (FIELD MOUNTED IN CONTROL BUILDING)
 - ㉖ MIXER TRAILER
 - ㉗ 300 GAL. WATER HOLDING TANK
 - ㉘ DUST COLLECTOR PLATFORM & SUPPORT
 - ㉙ AIR COMPRESSOR SERVICE PLATFORM W/ ACCESS LADDER & SAFETY CAGE
 - ㉚ AGGREGATE HANDLING PANEL (MOUNTED ON AGG TRAVEL FRAME)
- BY KNIGHT INDUSTRIAL**
- ㉛ 8 CU. YD. BHS TWIN SHAFT MIXER
 - ㉜ MOISTURE PROBE (2 REQ'D)
 - ㉝ DUST COLLECTION SYSTEM
 - ㉞ COMPUTER CONTROL SYSTEM
 - ㉟ CONTROL BUILDING
- FUTURE EQUIPMENT**
- ㊱ MIXER TRAILER
 - ㊲ UNITIZED MIXER SUPPORT
 - ㊳ CONCRETE DIRECTIONAL CHUTE
 - ㊴ MIXER MOTOR CONTROL PANEL
 - ㊵ 8 CU. YD. BHS TWIN SHAFT MIXER
- BY OTHERS**
- ㊶ BIN CHARGING CONVEYOR
 - ㊷ 36" WIDE CONCRETE CONVEYOR

CEM. BIN CAPACITIES

COMPT 1-C
1911 CU. FT. AIR VOL.
71 CU. YD.

COMPT 2-F
955 CU. FT. AIR VOL.
36 CU. YD.

GENERAL NOTES BELOW APPLY TO EQUIPMENT SHOWN ON THIS DRAWING.

- AGGREGATE BINS AND BIN COMPARTMENTS
- HOPPED CAPACITY OF AGGREGATE BINS AND BIN COMPARTMENTS ARE AS SHOWN AND ARE BASED ON HEAVY TO AN ANGLE OF 40° FROM THE HORIZONTAL WITH MATERIAL WEIGHING 1100 PER CU. FT. OR APPROXIMATELY ONE AND ONE HALF TONS PER CU. YD.
- CEMENT BINS, BIN COMPARTMENTS AND BINS
- CEMENT BINS, BIN COMPARTMENTS AND BINS CAPACITIES AS SHOWN ARE BASED ON BLENDS OF 25% OR 0.8 CU. FT. PER BUSH.
- ELECTRIC MOTORS
- UNLESS SPECIFIED OTHERWISE, ALL ELECTRIC MOTORS ARE USED FOR 230/460 VOLTS, 3 PHASE, 60 CYCLE CURRENT. STARTING EQUIPMENT WILL BE FURNISHED TO OPERATE ON 480 VOLTS UNLESS OTHERWISE NOTED.

EQUIPMENT CONFORMS TO CPMB, PIMM, & CSMD STANDARDS

NO3	REV3	INTL3	REVDATE3
NO2	REV2	INTL2	REVDATE2
NO1	REV1	INTL	REVDATE1
NO.	REVISION	BY	DATE

ERIE STRAYER CO.
1851 Rudolph Ave. Erie, PA 16502
Phone: (814) 458-7001 Fax: (814) 452-3422
Website: www.eriestrayer.com

DESIGNER	CHECKED	DATE	DATE	DATE	DATE
NAME	DATE	DATE	DATE	DATE	DATE

PLANT POWER
PLANTPOWER

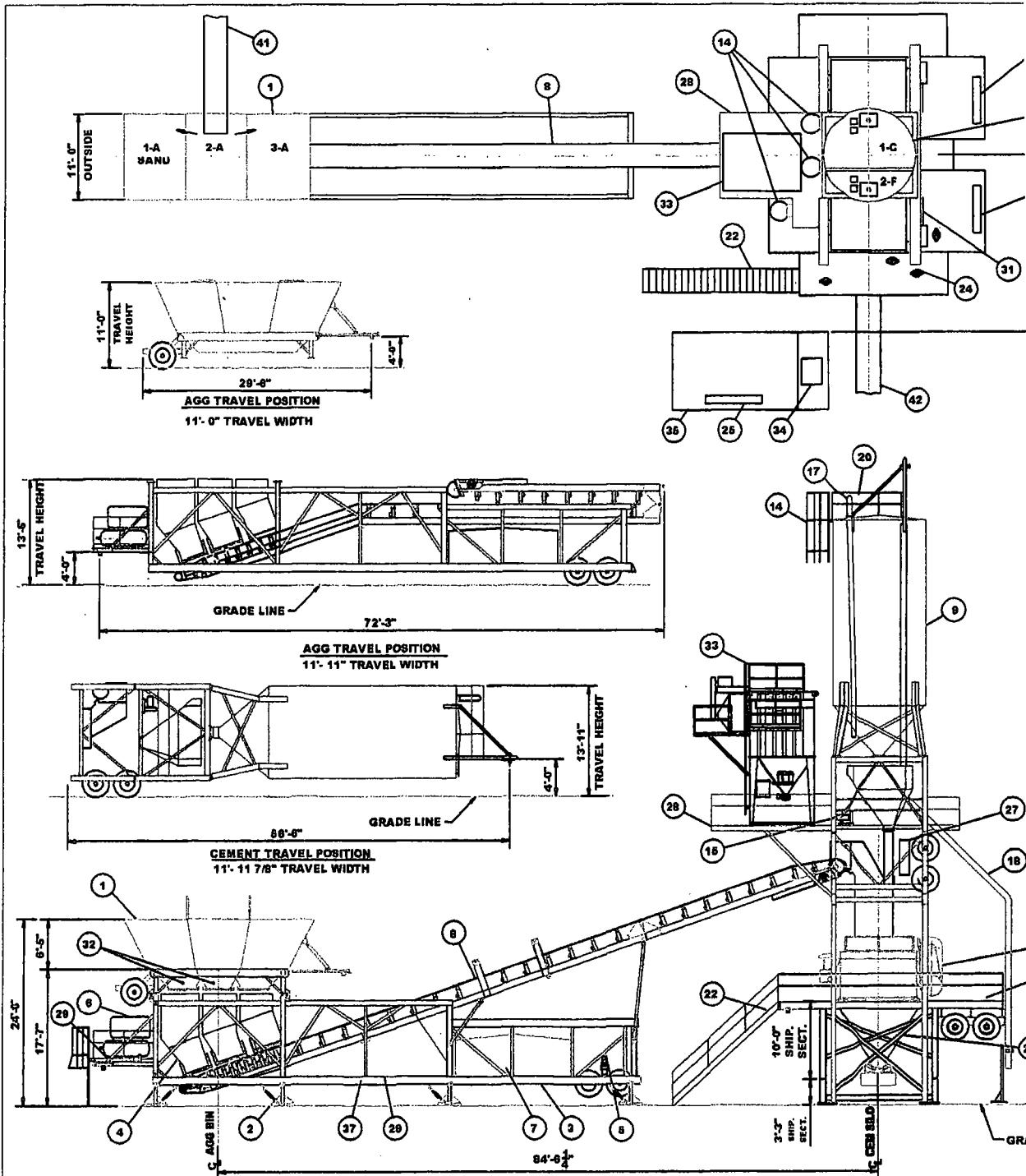
CONTROL POWER
CONTROLPOWER

ERIE STRAYER CO.

TITLE1
TITLE2

CUSTOMER

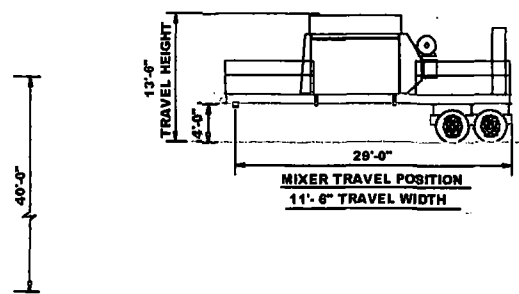
CONTRACT SCALE DWGNO



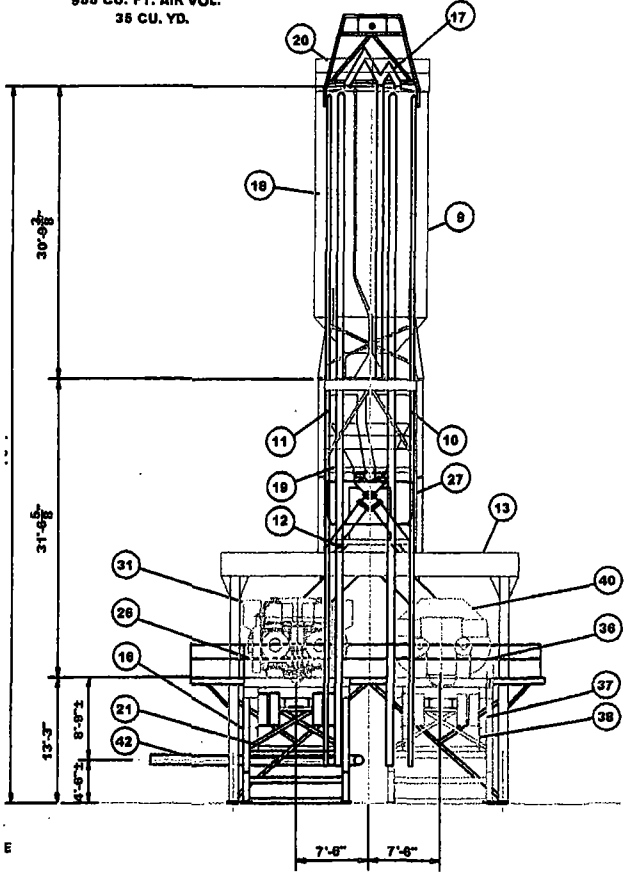
GENERAL NOTES BELOW APPLY TO EQUIPMENT SHOWN ON THIS DRAWING.

<ul style="list-style-type: none"> - AGGREGATE BINS AND BIN COMPARTMENTS HOLD CAPACITIES OF AGGREGATE BINS AND BIN COMPARTMENTS ARE AS SHOWN AND ARE BASED ON MEASURED TO AN ANGLE OF 40° FROM THE HORIZONTAL WITH MATERIAL WEIGHING 110# PER CU. FT. OR APPROXIMATELY ONE AND ONE HALF TONS PER CU. YD. - CEMENT BINS, BIN COMPARTMENTS AND SILOS ARE BASED ON MEASURED TO AN ANGLE OF 40° FROM THE HORIZONTAL WITH MATERIAL WEIGHING 110# PER CU. FT. OR APPROXIMATELY ONE AND ONE HALF TONS PER CU. YD. - ELECTRIC MOTORS UNLESS INDICATED OTHERWISE, ALL ELECTRIC MOTORS ARE USED FOR 230/460 VOLT, 3 PHASE, 60 CYCLE CURRENT. EXHAUST TELEPHONE WILL BE FURNISHED TO OPERATOR ON 460 VOLTS (UNLESS OTHERWISE NOTED). 	<ul style="list-style-type: none"> - POWER REQUIREMENT FOR CONTROLS VOLTAGE SHALL BE 120 VOLTS (4- 600 60 CYCLE PER SECOND). - MODIFICATIONS OR ADDITIONS ALL FIELD CHANGES TO THE EQUIPMENT SHOWN HEREON, OR ANY ENCLOSURE, WIRING, PLATFORMS, HOISTS OR OTHER ACCESSORIES TO THIS EQUIPMENT ARE THE RESPONSIBILITY OF THE BUYER WHO AGREES TO HOLD THE SUPPLIER COMPANY HARMLESS AGAINST LIABILITY FOR THE SAME. - NOT FOR CONSTRUCTION THE ENGINEERING DESIGN HEREON ARE GENERAL AND CULTURE ENGINEERS ONLY AND ARE NOT INTENDED FOR USE AS OTHER DIMENSIONS FOR SIMILAR MODIFICATIONS OR ADDITIONS, SUCH AS ENCLOSURES, WIRING, PLATFORMS OR HOISTS TO THE EQUIPMENT SHOWN. 	<p>EQUIPMENT CONFORMS TO C.E.M.B. FORM 10</p> <table border="1"> <tr> <td>NO3</td> <td>REV3</td> </tr> <tr> <td>NO2</td> <td>REV2</td> </tr> <tr> <td>NO1</td> <td>REV1</td> </tr> <tr> <td>NO.</td> <td>REVISION</td> </tr> </table>	NO3	REV3	NO2	REV2	NO1	REV1	NO.	REVISION
NO3	REV3									
NO2	REV2									
NO1	REV1									
NO.	REVISION									

BY ERIE STRAYER CO.



CEN. BIN CAPACITIES
COMPT 1-C
 1911 CU. FT. AIR VOL.
 71 CU. YD.
COMPT 2-F
 956 CU. FT. AIR VOL.
 36 CU. YD.



- 1 AGGREGATE BIN 3 COMPARTMENT (PATT. A-111)
80 CU YD HEAPED CAPACITY
 - 2 LOWER COLUMNS & BRACING (AGG)
 - 3 AGGREGATE PLANT TRAVEL FRAME
 - 4 12 CU YD AGG BATCHING SYSTEM
W/ 3 INDIVIDUAL AGG BATCHERS
 - 5 3" WATER FLOWMETER W/ 20 H.P. PUMP
& 2" SLUMP ADJUST WATER FLOWMETER W/ 8 H.P. PUMP
 - 6 30 HP AIR COMPRESSOR W/120 GAL TANK (2 REQ'D)
 - 7 4000 GALLON WATER STORAGE TANK
 - 8 48" X 88'-0" BATCH TRANSFER CONVEYOR
W/ 125 HP DRIVE
 - 9 CBS-715 MOBILE CEM SILO SPLIT APPROX.
1/3-2/3 W/DOUBLE WALL PARTITION
715 BBL MAX. CAPACITY
 - 10 12 CU YD CEM BATCHER
 - 11 4 CU YD FLYASH BATCHER
 - 12 TWO-WAY MIXER CHARGING CHUTES
 - 13 LOWER COLUMNS & BRACING (CEMENT)
 - 14 LADDER & SAFETY CAGE FROM MIXER PLATFORM TO CEMENT
SILO ROOF W/ ACCESS TO BATCHER LEVEL SERVICE PLATFORM
 - 15 5 H.P. AERATION BLOWER
 - 16 UNITIZED MIXER SUPPORT
 - 17 12" DIA. INTERNAL DUST DUCT
 - 18 AIR LOADING PIPING (4 REQ'D) 1 -4" & 1 -6" IN LG. COMPT
 - 19 CEMENT BATCH PLATFORM W/ HANDRAILS
 - 20 SILO ROOF HANDRAILS
 - 21 CONCRETE DIRECTIONAL CHUTE
 - 22 STAIRWAY FROM GRADE TO MIXER PLATFORM
 - 23 MIXER MOTOR CONTROL PANEL
 - 24 MIXER PLATFORM EXTENSION
 - 25 PLANT MOTOR CONTROL PANEL (FIELD MOUNTED IN CONTROL BUILDING)
 - 26 MIXER TRAILER
 - 27 300 GAL. WATER HOLDING TANK
 - 28 DUST COLLECTOR PLATFORM & SUPPORT
 - 29 AIR COMPRESSOR SERVICE PLATFORM W/ ACCESS LADDER & SAFETY CAGE
 - 30 AGGREGATE HANDLING PANEL (MOUNTED ON AGG TRAVEL FRAME)
- BY KNIGHT INDUSTRIAL**
- 31 8 CU. YD. BHS TWIN SHAFT MIXER
 - 32 MOISTURE PROBE (2 REQ'D)
 - 33 DUST COLLECTION SYSTEM
 - 34 COMPUTER CONTROL SYSTEM
 - 35 CONTROL BUILDING
- FUTURE EQUIPMENT**
- 36 MIXER TRAILER
 - 37 UNITIZED MIXER SUPPORT
 - 38 CONCRETE DIRECTIONAL CHUTE
 - 39 MIXER MOTOR CONTROL PANEL
 - 40 8 CU. YD. BHS TWIN SHAFT MIXER
- BY OTHERS**
- 41 BIN CHARGING CONVEYOR
 - 42 36" WIDE CONCRETE CONVEYOR

FOR PLANT ANCHOR BOLT PLAN SEE DWG 4A-250610

ERIE STRAYER CO. 1851 Rudolph Ave. Erie, PA 16502 Phone: (814) 456-7001 Fax: (814) 452-3422 Website: www.eriestrayer.com		PLANT POWER PLANTPOWER	ERIE STRAYER CO. TITLE1 TITLE2	
INTL2	REV DATES	CONTROL POWER	CUSTOMER	
BY	DATE	CONTROL POWER	CONTRACT	SCALE
			DWGNO	

Dibble, Dickson

From: Dibble, Dickson
Sent: Tuesday, May 05, 2009 9:34 AM
To: Simmons, Wendy
Cc: Bowman, Sandy; Henry, Danielle D.; Comer, Patricia; Phillips, Cindy
Subject: AIRS ID# 7775534-001-AG; Barnard Construction Company Inc. d.b.a. Peace River Reservoir Project, 899 SW CR 769, Arcadia FL 34629

Tracking:	Recipient	Delivery
	Simmons, Wendy	Delivered: 5/5/2009 9:35 AM
	Bowman, Sandy	Delivered: 5/5/2009 9:34 AM
	Henry, Danielle D.	Delivered: 5/5/2009 9:35 AM
	Comer, Patricia	Delivered: 5/5/2009 9:35 AM
	Phillips, Cindy	Delivered: 5/5/2009 9:34 AM

Wendy,

This is in response to your telephone call of Monday, May 4, 2009 requesting copies (see attached pdf file) of our handwritten comments relative to the decision not requiring the submission of a registration form from the subject item facility.

After refreshing my memory, let me make one correction. The emission points that I recorded on page 10 of the old file (see attached pdf file) were the result of a conversation that I had with Danielle Henry in the wake of a field visit that she or someone had to the site. Prior to receiving the registration form in question Danielle had called me to advise me to be on the lookout for an updated registration form and fee from these folks because during a site visit it was discovered that the original registration form failed to reflect the actual Emission Points (EP) data found. During her call she related the specific EP data to me and I jotted them down on page 10 of the previous registration. That is why the EP data were identical to what was on the newly submitted form.

The final decision to refund the fee and not proceed with a second registration process was based upon the fact that Pat Comer reminded all of us that listing of EP data is not required when no testing is required and in this case since there is no testing required for fugitive emissions there was no requirement to list EP data on a registration form.

I hope this helps you with your desire to close out your files on this event.

Dickson E. Dibble

Dickson E. Dibble, ES III

FL Dept of Environmental Protection
 Div. of Air Resource Management
 Bureau of Air Monitoring & Mobile Sources
 Air General Permit Program
 Tel. (850) 921-9586
 FAX (850) 922-6979
 ICG-#345

Dickson.Dibble@dep.state.fl.us

5/5/2009



Please note: Florida has a very broad public 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 communications may therefore be subject to public disclosure

Dibble, Dickson

From: Dibble, Dickson
Sent: Tuesday, April 14, 2009 5:19 PM
To: Phillips, Cindy; Bowman, Sandy
Cc: Comer, Patricia; Veazey, Sandra; Long, Terri
Subject: RE: Agenda for Air Compliance & Enforcement (ACE) Teleconference Thursday, April 16th, 9:30 - 10:30 am (EST)

Tracking:	Recipient	Delivery	Read
	Phillips, Cindy	Delivered: 4/14/2009 5:19 PM	Read: 4/15/2009 8:13 AM
	Bowman, Sandy	Delivered: 4/14/2009 5:19 PM	Read: 4/15/2009 6:54 AM
	Comer, Patricia	Delivered: 4/14/2009 5:19 PM	Read: 4/15/2009 9:12 AM
	Veazey, Sandra	Delivered: 4/14/2009 5:19 PM	
	Long, Terri	Delivered: 4/14/2009 5:19 PM	Read: 4/15/2009 8:17 AM

Cindy,

For Pat's benefit, this issue came up as the result of the SWD's request of a facility to re-register because the facility had failed to include/list Emission Point (EP) data on their most recent registration form as well as a detailed description of the EP to EP process. Emission Unit (EU) data was provided, which I had entered into ARMS. However, SWD is requiring a further EP to EP process description, not required on our forms or in the AG rule language.

The quoted language below (Rule 62-210.310(2)(e), F.A.C.) is taken out of context and is specific to Equipment changes. It clearly addresses the need to submit a new and complete AG registration form when changes to process and/or emission control equipment are made.

My concern is that these are AG registrations and a few wish to treat them as if they were major permits. The facility is determining their eligibility for the AG and I don't have the privilege of verifying the information supplied on the registration form, but the folks in the field do.

To the best of my knowledge there is nothing in the AG rules that address errors and/or omissions when submitting registration forms. My question is, "Why can't errors and omissions be considered an Administrative Correction and after the field personnel verify what is actually in the field, if any adjustments or corrections need to be made to the EU or EP data, the field personnel then have the option to do so.

Our conversation with Wendy Simmons last week and previous dialogue w/SWD ended with the approach that field personnel would verify and make any changes to the ARMS EU data that they deemed necessary to reflect what was actually discovered in the field.

I hope that helps.

Dick

Dickson E. Dibble, ES III

FL Dept of Environmental Protection
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 ICG-#345

4/15/2009

Dickson.Dibble@dep.state.fl.us



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From: Phillips, Cindy
Sent: Tuesday, April 14, 2009 3:59 PM
To: Dibble, Dickson; Bowman, Sandy
Cc: Comer, Patricia
Subject: FW: Agenda for Air Compliance & Enforcement (ACE) Teleconference Thursday, April 16th, 9:30 - 10:30 am (EST)

Danielle Henry called me today and would like to discuss, with the other offices during the ACE teleconference on Thursday, the procedure for clarifying/correcting descriptions of equipment listed in GP registrations. She and Mara were not satisfied with the approach that Wendy Simmons described to them as a result of our phone conversation Friday, i.e., the inspector clarifying the emission units in ARMS based upon their inspection.

They would really like the owner/operator to resubmit the GP registration form if the inspectors find during their inspection "equipment substantially different in terms of capacity, method of operation, material processed, or intended use than that noted on the most recent registration form". They don't care about collecting another \$100 but were afraid that a form submitted without a check would automatically be rejected by your office. That wouldn't happen would it?

One reason they would like a revised form to be submitted is that their concerned it won't be legal for them to assign emission units and require VE testing of the units unless the owner/operator registered them. What do you think about that Pat?

Another reason they would like a revised form to be submitted is that they are afraid the original, unedited form will be given to the consultant and also will be resubmitted 5 years later. In other words, the clarifications/corrections won't stick unless the owner/operator resubmits them.

Cindy

From: Phillips, Cindy
Sent: Tuesday, April 14, 2009 3:35 PM
To: Alsop, Penny; Anderson, Lennon; Banks, Richard; Barata, Raymond; Berkulis, Teresa; Bittle, Cliff; Blount, Marvin; Bowman, Sandy; Bradburn, Rick; Bradner, James; Brown, Dana; Bundy, Ilka; Cameron, Susan; Campbell, Jerry; Castellano, Marlane; Claridge, Kevin; Clark, Vincent; Comer, Patricia; Coeey, Sally; Crabtree, Sharon; Culliver, Sherrill; Delgado, Robert; Dibble, Dickson; Dittell, Jodi; Dizek, Jeff; Duke, Robert; Falandysz, Cynthia; Familie, Bahram; Forrest, William; Frases, Jorge; Froberg, William; George, Larry; Gibson, Victoria; Girton, Mike; Gordon, Ray; Helmke, Michael; Hennis, Margaret; Henry, Danielle D.; Heppner, Jane; Hessling, Pete; Hickey, John; Hoefert, Lee; Holtom, Jonathan; Johnson, Aaron; Jordahl, Claire; Kahn, Joseph; Kirts, Christopher; Koerner,

4/15/2009

Jeff; Kuberski, Garry; Linero, Alvaro; Liu, Pwu-Sheng; Long, Terri; Lurix, Joe; March, Marta; Martin, Faith; Martin, Wayne; McCann, Matt; Melton, Carol; Miller, Randy; Mitchell, Erica; Moncrief, Alik; Moore, Ronni; Morgan, Larry; Muthiah, Mallika; Nasca, Mara; Neginsky, Raisa; Nevins, Barbara; Ortega, Alex; Parker, Wanda; Pell, Leigh; Pennington, Jim; Pichard, Errin; Pridgen, Hamp; Qureshi, Shabbir A.; Rainey, Allen; Richards, Walt; Robbins, Gary; Rodriguez, Alan; Russell, Kathryn; Sanford, Reggie; Satyal, Ajaya; Schneider, Sheila; Sheehan, Gerald; Shelton, Paul; Shine, Caroline; Spingler, Dianne; Stevens, Chad R.; Stewart, Robert J.; Stormer, Jim; Strother, Kay; Tampas, Patricia; Telemeco-Anders, Debbie; Thornton, Douglas; Tittle, Tom; Tober, Dennis; Tutt, Wayne; Veazey, Sandra; Vielhauer, Trina; Vincent, Jeremy; Walker, Elizabeth (AIR); Waters, Jason; White, Tracy A.; Wong, Patrick

Subject: Agenda for Air Compliance & Enforcement (ACE) Teleconference Thursday, April 16th, 9:30 - 10:30 am (EST)

Attached is the agenda for Thursday's ACE teleconference at 9:30 am (EST).

As usual, the conference call dial-in number is (888) 808-6959 and the conference code is 9219504#.

If you have any questions, please let me know.

Cindy Phillips, P.E.
Compliance & Enforcement Administrator
FDEP Bureau of Air Regulation
850-921-9534

Florida Department of Environmental Protection
 Cash Receiving Application (CRA)
 Cashlisting by Deposit #: 291458 thru 291458
 Printed: 4/3/2009 3:46:21 PM - Page 7

RECEIVED

APR 07 2009

Cashlisting: 75016 Cashlist Area: 3755 Description: DIV OF AIR RESOURCES MGMT.
 Deposit No: 291458 Date Deposited: 04/03/2009 Contact: E. WALKER

Mobile Sources

REFUND #17402

Object	Transmittal	Dep DDN	Receipt Number	Pre-Numbered Receipt	Name	Check Number	Payment Amount	Reference Account	Payment Number	Remittance Number	Fund	Grant	
002272	53874	495001	662221		GERALD ARVIDSON	1551	\$100.00		936838	823578	PFTF		
	53874	495002	662222		LEESBURG CONCRETE CO, INC	55124	\$100.00		936839	823579	PFTF		
	53879		662277		STHIZEL-ENGINEERING & CONSTRUCT	5887	\$100.00		936886	823639	PFTF		
Object Code 002272 Subtotal:							\$300.00						
Cashlisting 75016 Total:							\$300.00						

CLIENT RE-SUBMITTED 001 BECAUSE SWD SAID
 THEY NEEDED TO LIST EMISSION POINTS - DECISION?
 → NOT REQUIRED - ONLY WHEN TESTING IS
 REQUIRED - TESTING IS NOT REQUIRED FOR
 FUGITIVE EMISSIONS PER PAT CONER.

APPLICATION FOR REFUND FORM
THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

STATE OF FLORIDA, COUNTY OF _____

Pursuant to the provisions of Section 215.26, or Section _____*, Florida Statutes, I hereby apply for a refund and request that a State Warrant be drawn in favor of:

NAME: GERALD ARVIDSON
ADDRESS: 8999 SW CR 769
ARCADIA, FLORIDA 34629
AMOUNT: \$100.00 CHECK #: 1551 DEPOSIT DATE: 04-03-2009 DEPOSIT: 291458
DOCUMENT NUMBER: 495001 SYS RECEIPT#: 662221 PAYMENT#: 936838 REMIT#: 823578
REV OBJECT CODE: 002272 NON-TITLE V GENERAL PERMIT

which represents moneys I paid into the State Treasury subject to refund, and to substantiate such claim the following facts are submitted:

REASON FOR CLAIM: NO FEE DUE

CERTIFIED TRUE AND CORRECT this _____ day of _____, 20____.

Applicant's Signature

*Must be completed if authority is other than Section 215.26, Florida Statutes.

(FOR AGENCY USE ONLY)

(1) Agency recommends denial of above claim based on the following facts, including statutory authority for collection:

OR

(2) Agency recommends approval of above claim and submits the following information to substantiate such claim. \$100.00 was originally deposited into the State Treasury,

Receipt _____, dated _____.

NAME OF ACCOUNT:

SAMAS ACCOUNT CODE
3720252600137 _____ 0000000020000

Statutory Authority for Collection _____

It is requested that payment be made from:

NAME OF ACCOUNT:

SAMAS ACCOUNT CODE
3720252600137 _____ 0000002200000

CERTIFIED TRUE AND CORRECT this 15TH day of APRIL, 20 09.

Richard E. Dible, EST III Robert J. S. SMITH
Signature and Title of Authorized Person

SECTION 215.26 STATES, IN PART: "APPLICATION FOR REFUNDS AS PROVIDED BY THIS SECTION SHALL BE FILED WITH THE COMPTROLLER, EXCEPT AS OTHERWISE PROVIDED HEREIN, WITHIN 3 YEARS AFTER THE RIGHT TO SUCH REFUND SHALL HAVE ACCRUED ELSE SUCH RIGHT SHALL BE BARRED."

Three years is interpreted as meaning three years from the date of payment into State Treasury.