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SEP 01 2010
Bureau of Air Monitoring & Mobile Sources

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)*

0810197 - 002

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.

R. FORMER BREDERO PRICE CO SITE.

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.)

Port Dolphin Energy, LLC

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.)

Manatee Pipe Coating Plant

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

Street Address: 13231 Eastern Avenue

City: Palmetto County: Manatee Zip Code: 34221-~~6608~~ 6625

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

January 2012

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: German Castro, Vice President

Owner/Authorized Representative Mailing Address
Organization/Firm:Port Dolphin Energy, LLC
Street Address:400 North Tampa Street, Suite 1015
City:Tampa County:Hillsborough Zip Code:33602

Owner/Authorized Representative Telephone Numbers
Telephone:813-514-1398 Fax:813-388-4952
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:Kevin Owen, HSE Manager

Facility Contact Mailing Address
Organization/Firm:Port Dolphin Energy, LLC
Street Address:400 North Tampa Street, Suite 1015
City:Tampa County:Hillsborough Zip Code:33602

Facility Contact Telephone Numbers
Telephone:813-514-1398 Fax:813-388-4952
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

08/26/10
Date

2010 AUG 30 AM 9:39

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 types of reasonable precautions that the facility will take to prevent unconfined emissions are as follows:

(a) Management of roads, parking areas, stockpiles, and yards, which shall include one or more of the followings:
1. Maintenance of roads, parking areas, and yards.
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 area under control of the owner or operator to mitigate re-entrainment, and from building or work areas to reduce airborne particulate matter.
4. Reduction of stockpile height or installation of wind breaks to mitigate wind entrainment of particulate matter from stockpiles.
(b) Use of spray bar, chute, or partial enclosure to mitigate emissions at drop points.
(c) Minimization of interior truck traffic.
(d) Use of covered hoppers in concrete coating system.
(e) Covering stockpiles to reduce emissions is under consideration although credit is not taken in the emission calculations.

[Rule 62-296.320(4)(c), 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.

PROCESS DESCRIPTION:
The proposed facility will consist of a portable concrete batch plant; specifically the plant will be of a wrap, compression type design. The concrete weight coating system is designed to provide negative buoyancy and mechanical protection for pipelines in submarine and wet environments. Compression coat uses a side-wrap application process making it ideal for both small and large diameter pipelines.

OPERATION:
Sand, Portland cement types I/II, iron ore are brought on site. Sand and iron ore are stored in stockpiles; Portland cement is stored in a sealed silo, which is equipped with baghouse. Cement storage is limited by silo size (silo is filled via bulk delivery trucks during production). Sand and gravel is generally stored at a minimum weekly supply, depending on availability. Iron ore is generally purchased and stored by ship load quantities.

Sand and iron ore are transferred to elevated storage bins by front-end loaders. Sand, iron ore, Portland cement, and water are mixed to manufacture concrete. Pipes to be concrete coated are placed on in-bound-jeep rack. Pipes are inspected and repaired as necessary. Sections of pipe are conveyed through the coating line. A small amount of non-VOC adhesive is applied to the pipe. Pipes are then placed and conveyed on spiral conveyor through coating head where concrete, reinforced wire and plastic moisture barrier (polyethylene sheet) is applied. Solvent is used to flush the adhesive application lines. Concrete coated pipe exits coating head via conveyor belts. Pipe is removed from coating line, placed on concrete cutback station where concrete coating and wire is cut to proper cutback requirements. Pipe is then moved to scales, pipe is weighed and all measurements are recorded. Pipe is then moved to curing area. The plastic poly wrap is removed on pipe load out.
Concrete coating production will vary according to pipe size, concrete weight coating applied thickness, mix design, ambient weather conditions, and daily production hours.

EMISSIONS:
Emissions from the concrete coating operations will include PM, PM10, and PM2.5 from sand and aggregate storage piles as well as concrete batching. VOC emissions will result from flushing adhesive application lines with solvent.

See Attachment B for emission calculations and Attachments C and D for the area map and the plant layout and process flow diagram, respectively.

* SEE ATTACHED EMAIL AS AN ADDENDUM TO THIS FORM, 9/10/10.

ATTACHMENT B
EMISSION CALCULATIONS

PORT DOLPHIN ENERGY, LLC
PORT MANATEE, FL - CONCRETE BATCH PLANT

TABLE 1a: SUMMARY OF EMISSIONS

Total	PM	PM_{10}	$PM_{2.5}$	HAP	VOC	Units
Plant-wide	15.9	5.4	0.6	0.50	0.8	TPY
	16.0	5.4	0.7	0.5	0.8	

TABLE 1b: EMISSIONS BY CATEGORY

Type of Operation		Amount	Units	Pollutant	Emissions	Units	Controls
Concrete Batching Operations		95,750	TPY	PM	0.96	TPY	Fabric Filter, watering
				PM_{10}	0.36	TPY	Fabric Filter, watering
				HAPs	0.0003	TPY	Fabric Filter
Wind Erosion	Ore Pile	3	acres	PM	4.1	TPY	water sprays
				PM_{10}	2.0	TPY	water sprays
				$PM_{2.5}$	0.3	TPY	water sprays
	Sand Pile	0.5	acres	PM	1.1	TPY	water sprays
				PM_{10}	0.5	TPY	water sprays
				$PM_{2.5}$	0.1	TPY	water sprays
Vehicle Traffic	Unpaved roads	3,679	VMT	PM	9.8	TPY	water sprays
				PM_{10}	2.5	TPY	water sprays
				$PM_{2.5}$	0.25	TPY	water sprays
Coating Operations	Solvent Usage	5	gal/day	VOCs	0.84	TPY	
				HAPs	1005	lb/yr	

Note: VMT = vehicle miles traveled; acres based on open areas at any one time.

Sources:

USEPA, 2006; AP-42, Section 13.2.4 for Aggregate Handling and Storage Piles.

USEPA, 2001; AP-42, Section 11.12 Concrete Batching.

USEPA, 2006; AP-42, Section 13.2.2 Unpaved Roads.

USEPA, 1992 Fugitive Dust Background and Technical Information Document for Best Available Control Measures; Section 2.3.1.3.3, Wind Emissions from Continuously Active Piles.

PORT DOLPHIN ENERGY, LLC
PORT MANATEE, FL - CONCRETE BATCH PLANT
TABLE 2: PM EMISSIONS

Operating Hours: 9 production hours per day/ 5 days per week = 2,349 hrs/yr
Operating Days: 365 days per year

COMPONENT NAME	Raw Material (short tons)	Raw Material (lbs)	Raw Material (TPY)
Cement	13,750	27,500,000	13,750
Sand/Gravel/Crushed Limestone	20,000	40,000,000	20,000
Ore	62,000	124,000,000	62,000
Total:	**95,750**	**191,500,000**	**95,750**

COMPONENT	PM EF (lb/ton)	PM_{10} EF (lb/ton)	COMPONENT (TPY)	PM (lbs/yr)	PM_{10} (lbs/yr)	PM (TPY)	PM_{10} (TPY)
Aggregate Transfer*	0.0069	0.0033	62,000	427.8	204.6	0.214	0.102
Sand Transfer*	0.0021	0.00099	20,000	42.0	19.8	0.021	0.010
Cement unloading to elevated storage silo	0.00099	0.00034	13,750	13.6	4.7	0.007	0.002
Weigh Hopper Loading*	0.0051	0.0024	82,000	418.2	196.8	0.209	0.098
Mixer Loading	0.0173	0.0048	13,750	237.9	66.0	0.119	0.033
Truck Loading	0.0568	0.016	13,750	781.0	220.0	0.391	0.110
			Total:	**1920.49**	**711.88**	**0.96**	**0.36**

Note:
*Actual weigh hopper (sand & aggr) emissions assumed uncontrolled since AP-42 reports "no data" for controlled.
1 lb = 0.0005 short ton

Source:
Emissions Factors from EPA's AP-42, Chapter 11, Table 11.12-2 (6/06)

PORT DOLPHIN ENERGY, LLC
PORT MANATEE, FL - CONCRETE BATCH PLANT
TABLE 3: METAL EMISSIONS

COMPONENT	COMPONENT (tons/year)	EMISSION FACTORS (lb/ton)								
		Arsenic	Beryllium	Cadmium	Total Chromium	Lead	Manganese	Nickel	Total Phosphorous	Selenium
Cement Silo Filling w/fabric filter	13,750	4.24E-09	4.86E-10	4.86E-10	2.90E-08	1.09E-08	1.17E-07	4.18E-08	ND	ND
Central Mix Batching w/fabric filter	13,750	1.87E-08	ND	7.10E-10	1.27E-07	3.66E-08	3.78E-06	2.48E-07	1.20E-06	ND
Truck Loading w/fabric filter	13,750	1.16E-06	1.04E-07	9.06E-09	4.10E-06	1.53E-06	2.08E-05	4.78E-06	1.23E-05	1.13E-07

COMPONENT	EMISSION ESTIMATES (TPY)									
	Arsenic	Beryllium	Cadmium	Total Chromium	Lead	Manganese	Nickel	Total Phosphorous	Selenium	TOTAL
Cement Silo Filling w/fabric filter	2.9E-08	3.3E-09	3.3E-09	2.0E-07	7.5E-08	8.0E-07	2.9E-07	ND	ND	1.4E-06
Central Mix Batching w/fabric filter	1.3E-07	ND	4.9E-09	8.7E-07	2.5E-07	2.6E-05	1.7E-06	8.3E-06	ND	3.7E-05
Truck Loading w/fabric filter	8.0E-06	7.2E-07	6.2E-08	2.8E-05	1.1E-05	1.4E-04	3.3E-05	8.5E-05	7.8E-07	3.1E-04
Total	**8.1E-06**	**7.2E-07**	**7.1E-08**	**2.9E-05**	**1.1E-05**	**1.7E-04**	**3.5E-05**	**9.3E-05**	**7.8E-07**	**3.5E-04**

Source:
Emissions Factors from EPA's AP-42, Chapter 11, Table 11.12-8 (6/06)
ND = not detected

PORT DOLPHIN ENERGY, LLC
PORT MANATEE, FL - CONCRETE BATCH PLANT
TABLE 4: WIND EROSION

Parameters			Storage Pile: Iron Ore	Storage Pile: Sand	Total
Operational Data					
Activity, hours			24	24	
days			365	365	
Material Handling Data					
Material type			iron ore	sand	
Moisture content (M), % (nominal)			1.77	4.17	
Storage Pile Data					
Pile Description (shape)			square	square	
Size, acres			3	0.5	
General/ Site Characteristics					
Mean wind speed, mph			7.83	7.83	
Particle size multiplier, PM (k)			1	1	
Particle size multiplier, PM_{10} (k)			0.5	0.5	
Particle size multiplier, $PM_{2.5}$ (k)			0.075	0.075	
Days of precipitation greater than or equal to 0.01 inch (p)			120	120	
Time (%) that unobstructed wind speed exceeds 5.4 m/s at mean pile height (f)			15.81	15.81	
Silt content (s), %			15	3.9	
Emission Control Data					
Emission control method			Water sprays	Water sprays	
Emission control removal efficiency, %			60	60	
Emission Factor (EF) Equation for Wind Erosion					
Uncontrolled EF (UEF) Equation			UEF (lb/day/acre) = k x 1.7 x (s/1.5) x ((365 - p)/235) x (f/15)		
Controlled (Final) EF (CEF) Equation			CEF (lb/day/acre) = UEF (lb/day/acre) x (100 - Removal efficiency (%))		
Calculated PM Emission Factor (EF)					
Uncontrolled EF, lb/day/acre			18.68	4.86	
Controlled EF, lb/day/acre			7.47	1.94	
Calculated PM10 Emission Factor (EF)					
Uncontrolled EF, lb/day/acre			9.34	2.43	
Controlled EF, lb/day/acre			3.74	0.97	
Calculated PM2.5 Emission Factor (EF)					
Uncontrolled EF, lb/day/acre			1.40	0.36	
Controlled EF, lb/day/acre			0.56	0.15	
Estimated Emission Rate (CER)					
	PM	TPY	4.09	1.06	5.2
	PM_{10}	TPY	2.05	0.53	2.6
	$PM_{2.5}$	TPY	0.31	0.08	0.4

Source:
USEPA, 1992. Fugitive Dust Background and Technical Information Document for Best Available Control Measures, Section 2.3.1.3.3, Wind Emissions from Continuously Active Piles.
K factors from EPA AP-42 Section 13.2.5.3.
Silt content per EPA's AP-42 Table 13.2.4-1.
Precipitation days estimated based on Figure 13.2.2-1 AP-42 Chapter 13.2.2.

PORT DOLPHIN ENERGY, LLC
PORT MANATEE, FL - CONCRETE BATCH PLANT
TABLE 5: TRUCK TRAFFIC ON UNPAVED ROADS

	TRUCK TRAFFIC			
Parameters	**cement pile**	**Sand/Gravel pile**	**Pipes**	**Units/Comments**
Number of truck trips	6	7	68	
Number of miles/per truck round trip	0.38	0.38	0.38	
Total road transport (miles/day)	2.3	2.6	25.9	
Total road transport (miles/yr)	830	935	1,914	
PM(TSP)				
$E=k \times (s/12)^a \times (w/3)^b$	6.7	6.7	6.5	lb/VMT PM(TSP)
where a = 0.7 and b= 0.45, k = 4.9 for TSP	2.3	2.6	25.9	miles per day
s =4.8 per EPA AP-42 Table 13.2.2-1	15.2	17.2	166.9	lb/day
w = average weight of truck (loaded and unloaded)	2.8	3.1	30.5	tons per year uncontrolled without rainfall
Emission control method:	water spray	water spray	water spray	
Emission control removal efficiency (%):	60	60	60	%
Accounting for rainfall using (365-P)/365 and Control:	**0.75**	**0.84**	**8.18**	**PM (TSP) tons controlled with rainfall**
P= 120 days (estimated based on Figure 13.2.2-1 AP-42 Chapter 13.2.2)				
PM_{10}				
$E=k \times (s/12)^a \times (w/3)^b$	1.7	1.7	1.6	lb/VMT PM_{10}
where a = 0.9 and b= 0.45, k = 1.5 for PM_{10}	2.3	2.6	25.9	miles per day
s =4.8 per EPA AP-42 Table 13.2.2-1	3.9	4.4	42.5	lb/day
w = average weight of truck (loaded and unloaded)	0.7	0.8	7.8	tons per year uncontrolled without rainfall
Emission control method:	water spray	water spray	water spray	
Emission control removal efficiency (%):	60	60	60	%
Accounting for rainfall using (365-P)/365 and Control:	**0.19**	**0.21**	**2.08**	**PM_{10} tons controlled with rainfall**
P= 120 days (estimated based on Figure 13.2.2-1 AP-42 Chapter 13.2.2)				
$PM_{2.5}$				
$E=k \times (s/12)^a \times (w/3)^b$	0.2	0.2	0.2	lb/VMT $PM_{2.5}$
where a = 0.9 and b= 0.45, k = 0.15 for $PM_{2.5}$	2.3	2.6	25.9	miles per day
s =4.8 per EPA AP-42 Table 13.2.2-1	0.4	0.4	4.3	lb/day
w = average weight of truck (loaded and unloaded)	0.1	0.1	0.8	tons per year uncontrolled without rainfall
Emission control method:	water spray	water spray	water spray	
Emission control removal efficiency (%):	60	60	60	%
Accounting for rainfall using (365-P)/365 and Control:	**0.019**	**0.021**	**0.208**	**$PM_{2.5}$ tons controlled with rainfall**
P= 120 days (estimated based on Figure 13.2.2-1 AP-42 Chapter 13.2.2)				

Source:
USEPA, 2006; AP-42, Section 13.2.2 for Unpaved Roads.

PORT DOLPHIN ENERGY, LLC
PORT MANATEE, FL - CONCRETE BATCH PLANT
TABLE 6: SOLVENT USAGE

Solvent Emissions

Production Days		74	
Hours per day		9	
Annual Operating Hours (hr/yr)		666	
Avg Daily Solvent Usage (gal/day)		3.5	
Solvent Name		SW-267/SG-KJ#1	
Density (lb/gal)			
	Toluene	7.24	
	Acetone	6.61	
	Isopropanol	6.56	
	Methanol	6.61	
Maximum Emission Estimates (lb/day)		SW-267	SG-KJ#1
	Toluene	12.7	12.7
	Acetone	8.1	NA
	Isopropanol	1.1	NA
	Methanol	0.5	0.9

VOCs

Maximum Emission Estimates		TPY
	Toluene	0.47
	Acetone	0.30
	Isopropanol	0.04
	Methanol	0.03
	Total	**0.84**

HAPs*

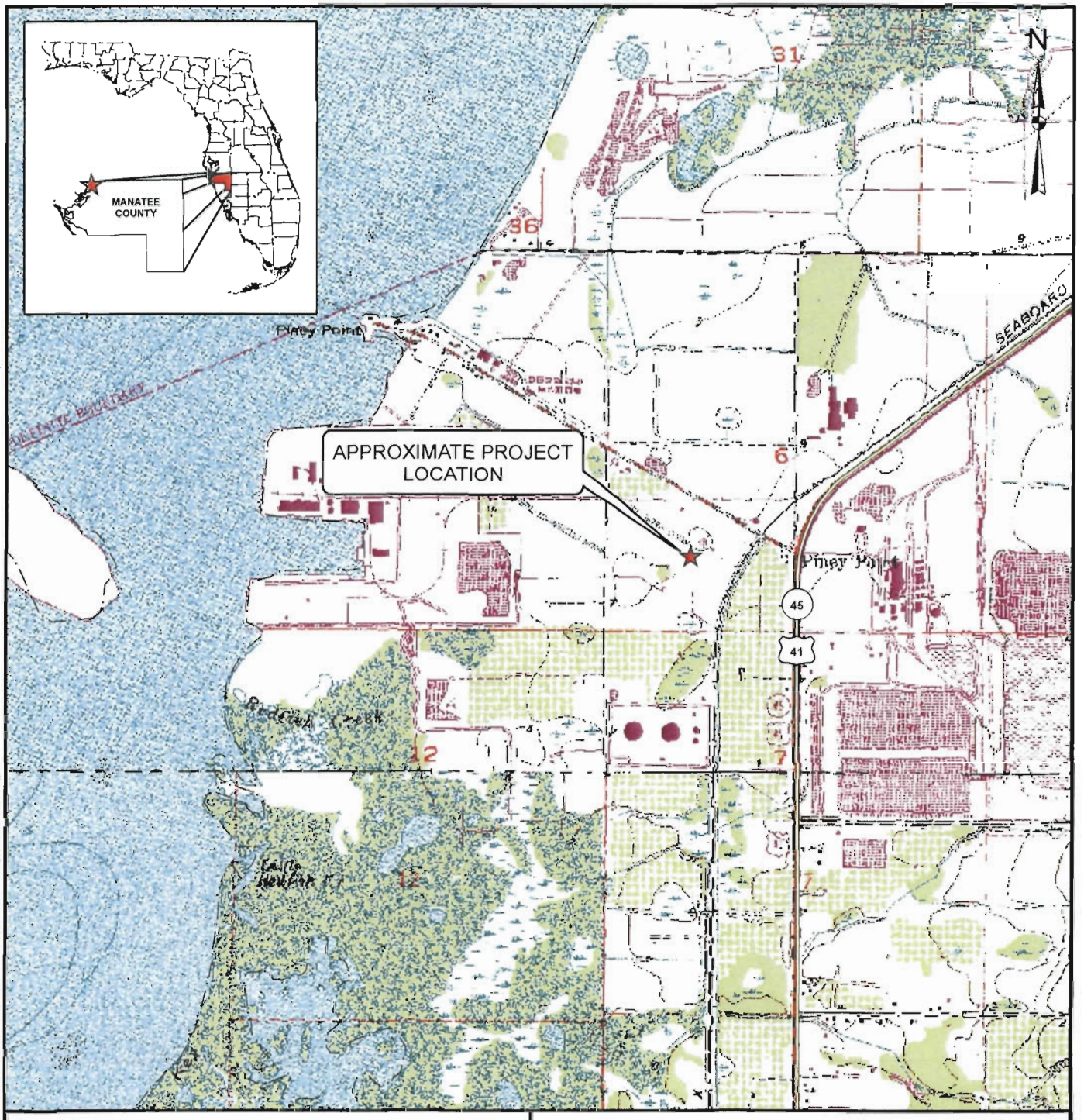
Maximum Emission Estimates		lb/yr	TPY
	Toluene	937	0.47
	Methanol	68	0.03
	Total	**1,005**	**0.5**

Note:

* Rule 62-210.300(3) provides for exemptions from permitting requirements. Subheading 27 addresses surface coating operations and provides an exemption if the coatings contain 5.0% or less VOC, by volume, or the total quantity of coatings containing greater than 5.0% of VOC used at the facility shall not exceed 6.0 gallons per day, averaged monthly, where the quantity of coatings used includes all solvents or thinners used in the process, or for cleanup. The proposed operation will use an adhesive that contains no VOCs and the solvent used for cleanup (which contains greater than 5.0% VOCs) will be less than an average of 6 gallons per day. In addition, this activity will meet the criteria for generic unit exemption under 62-210.300(3)(b)(1).

ATTACHMENT C

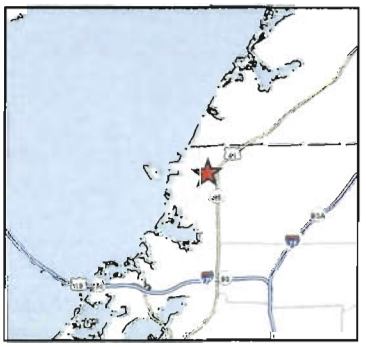
FIGURE 1: AREA MAP



LEGEND

- Approximate Project Location
- Interstate
- Toll Road
- US Road
- State Road
- County Road
- County Boundary

REGIONAL MAP



REFERENCES

1. Project Location: Golder Associates Inc., 2010
2. Roads: Florida Department of Transportation, 2010
3. County Boundaries: Florida Geographic Data Library, 2008
4. USGS Topographic Map: Cockroach Bay, 1986 & Palmetto, 1987

2,000 0 2,000 Feet

REV.	DATE	DES	REVISION DESCRIPTION	GIS	CHK	RVW

PROJECT

PORT DOLPHIN ENERGY, LLC
PORT MANATEE

TITLE

PROJECT LOCATION MAP

Golder Associates
Tampa, Florida

PROJECT No.		103-89569	FILE No. 103-89569A001	
DESIGN	JG	8/24/2010	SCALE: AS SHOWN	REV. 0
GIS	JG	8/24/2010	FIGURE 1	
CHECK	PP	8/24/2010		
REVIEW	SO	8/24/2010		

Map Document: F:\PROJECTS\2010 PROJ\103-89569 Port Dolphin\A - Project Location\GIS\MXD\103-89569A001 Project Location Figure 1.mxd / Modified 8/24/2010 3:33:50 PM / Plotted 8/24/2010 3:34:18 PM by JDGodin

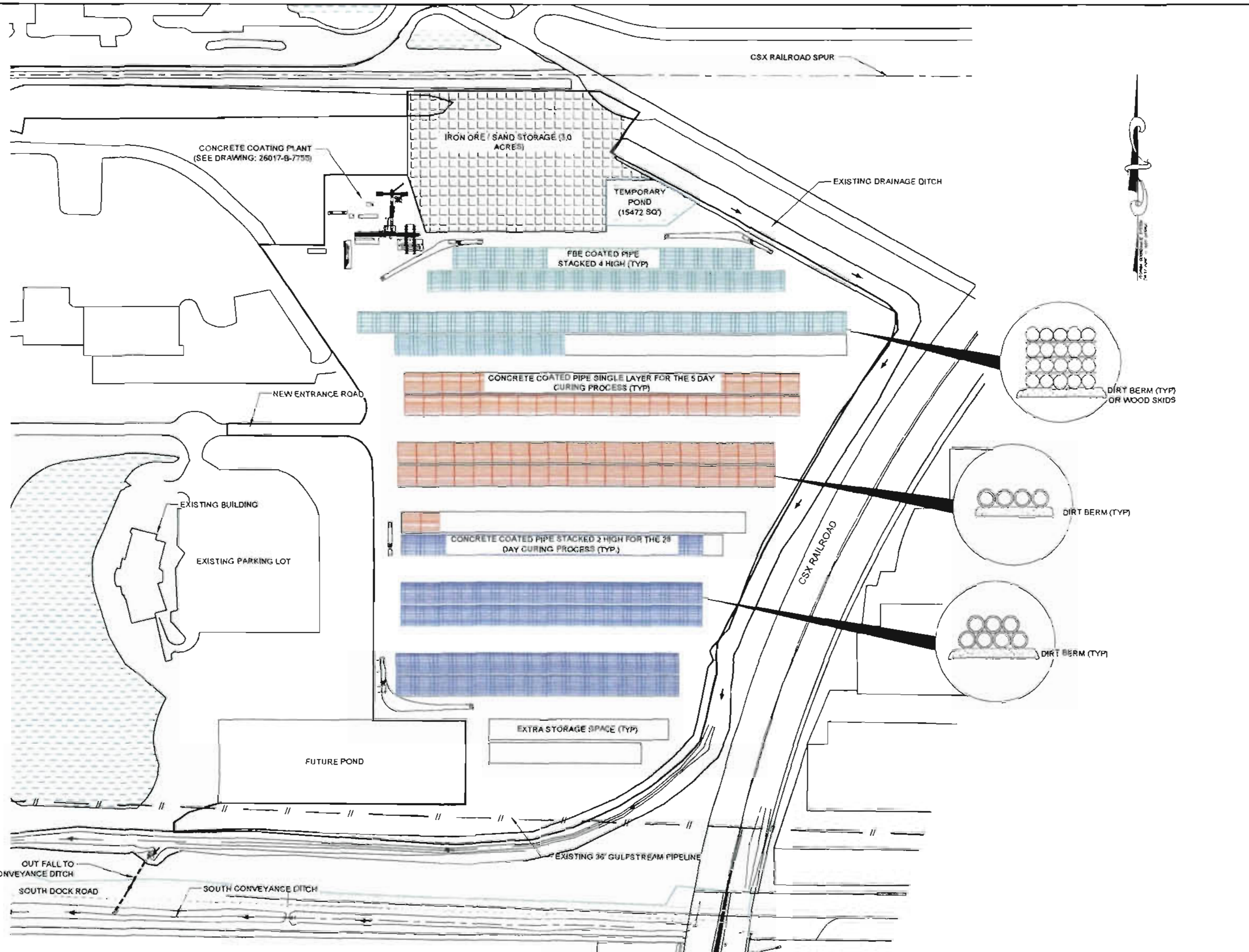
ATTACHMENT D

FIGURE 2: PLANT LAYOUT

FIGURE 3: PROCESS FLOW DIAGAM

NOTES:

1. THE ARRANGEMENT AND QUANTITIES OF THE VARIOUS PIPES WILL VARY ON A DAILY BASIS. THIS DRAWING SHOW ONLY A "SNAPSHOT" OF A TYPICAL LAYOUT.
2. STORM WATER RUNOFF (AS MODELED BY ARDAMAN & ASSOCIATES) WILL BE DIRECTED TO THE EXISTING DRAINAGE DITCH ON THE EAST SIDE OF THE STORAGE AREA.
3. THE CONCRETE COATING PLANT AREA WILL BE "RESURFACED" WITH WOOD MATS OR CRUSHED CONCRETE.
4. THE TEMPORARY POND (SHOWN) HAS BEEN SIZED (BY ARDAMAN & ASSOCIATES) TO HANDLE THE RUNOFF FROM THE CONCRETE COATING PLANT AND THE ORE/SAND STORAGE AREAS ONLY.
5. ALL PIPE IS INTENDED TO BE BROUGHT INTO AND TRANSPORTED FROM THE STORAGE AREA BY TRUCK VIA THE "NEW ENTRANCE ROAD" (SHOWN ON THE WEST SIDE)



GENERAL NOTES	REFERENCE DRAWINGS		REFERENCE DRAWINGS		REVISIONS			REVISIONS		
	DWG.NO.	DESCRIPTION	DWG.NO.	DESCRIPTION	NO.	DATE	DESCRIPTION	NO.	DATE	DESCRIPTION
	26017-B-7755	EQUIPMENT LOCATION PLAN CONCRETE COATING PLANT			A	[illegible]	ISSUED FOR APPROVAL			

PIPELINE

13831 NORTHWEST FRWY, #312
HOUSTON, TEXAS 77040
BUS (713) 690-9117
FAX (713) [illegible]

DRAWING STATUS		
ISSUED FOR	DATE	BY
BID		
CONST.		
AS-BUILT		

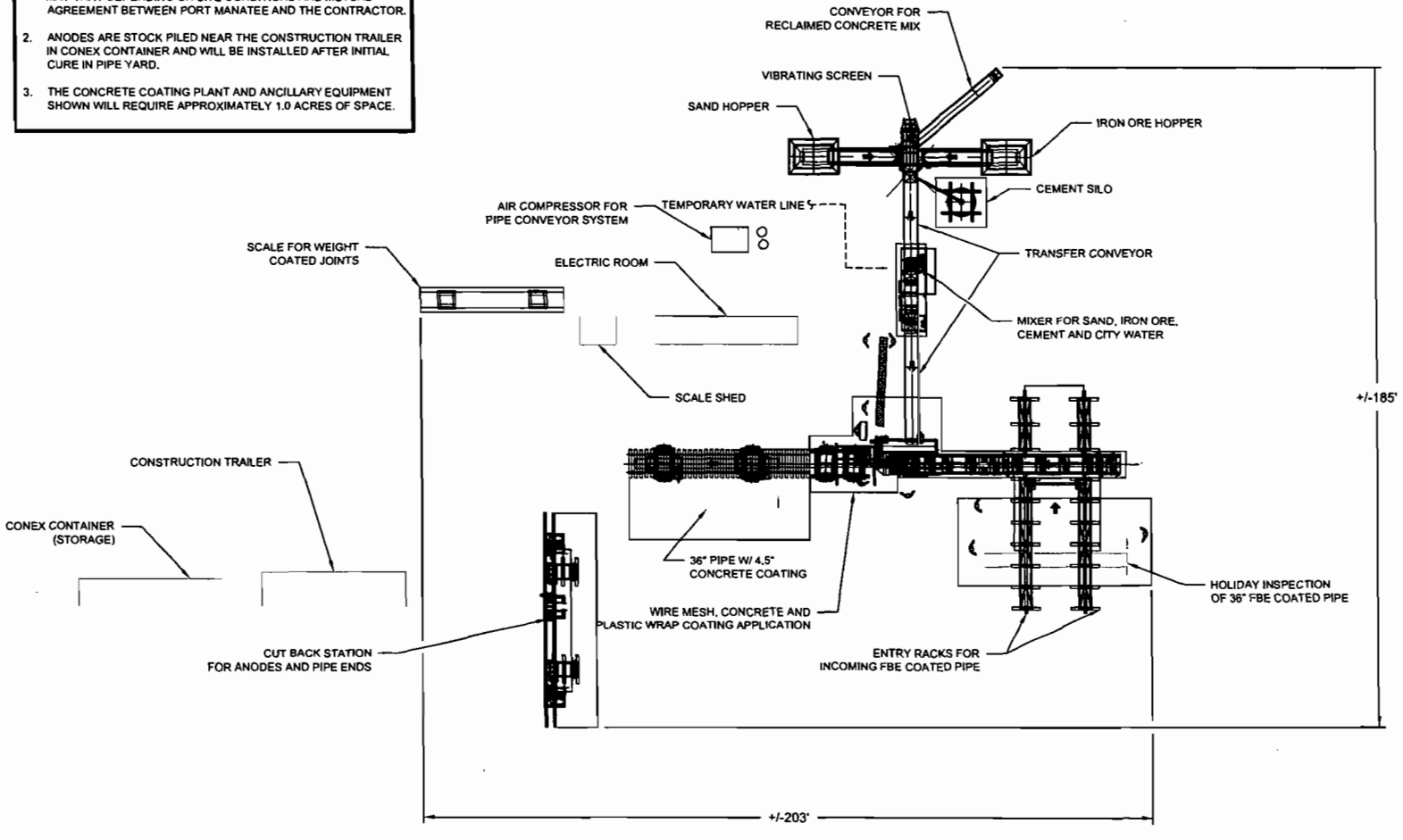
TITLE: CONCRETE COATING & PIPE STORAGE AREA AT PORT MANATEE

MANATEE COUNTY, FLORIDA

NO. 26017-D-3512 REV. A

NOTES:

1. THE FINAL LOCATION OF EACH PIECE OF EQUIPMENT SHOWN MAY VARY DEPENDING ON SITE CONDITIONS AND MUTUAL AGREEMENT BETWEEN PORT MANATEE AND THE CONTRACTOR.
2. ANODES ARE STOCK PILED NEAR THE CONSTRUCTION TRAILER IN CONEX CONTAINER AND WILL BE INSTALLED AFTER INITIAL CURE IN PIPE YARD.
3. THE CONCRETE COATING PLANT AND ANCILLARY EQUIPMENT SHOWN WILL REQUIRE APPROXIMATELY 1.0 ACRES OF SPACE.



REFERENCE DRAWINGS		REVISIONS		
DWG. NO.	DESCRIPTION	NO	DATE	DESCRIPTION
26017-D-3512	CONCRETE COATING PLANT & PIPE STORAGE AREA	A	8/1/10	ISSUED FOR APPROVAL

PIPELINE
13831 NORTHWEST FRWY, #312
HOUSTON, TEXAS 77040
BUS: (713) 690-9111
FAX: (713) 690-0660

DRAWING STATUS		
ISSUED FOR	DATE	BY
BID		
CONST.		
AS-BUILT		

SCALE: 1" = 30'
DRAWN: DJR DATE: 8/1/10
CHK'D DATE
APPROVED DATE
PESI JOB NO. 26017
AFE, P.O.NO.
CLIENT FILE NO. 1068
PESI FILE NO. 26017-7755-A

PortDolphin

TITLE
EQUIPMENT LOCATION PLAN
CONCRETE PIPE COATING PLANT
MANATEE COUNTY, FLORIDA

NO. 26017-B-7755 REV. A

PortDolphin

Port Dolphin Energy LLC
400 North Tampa Street, Suite 1015
Tampa, FL 33602, USA
Telephone: 813.514.1898
Fax: 813.388.4952
www.portdolphin.com

August 26, 2010

FDEP Receipts
3800 Commonwealth Blvd.
Tallahassee, FL 32399

Attn.: Mr. Dickson Dibble

Re: Port Dolphin Energy, LLC
Concrete Batch Plant at Port Manatee, FL
Air General Permit

Dear Mr. Dibble:

Port Dolphin Energy, LLC (Port Dolphin) proposes to install and operate a temporary, mobile concrete batching operation at Port Manatee, Florida. This operation will support construction of the pipeline associated with the Port Dolphin project by providing concrete weight coating on the pipe. The purpose of the concrete weight coating is to provide mechanical protection and negative buoyancy for buried or submarine pipelines.

The construction of the pipeline is currently scheduled to commence in 2012 and take approximately 18 months to complete. Port Dolphin anticipates the concrete batching plant will be operated for a shorter period of time. However, the actual time duration for this temporary operation has not been established.

The Florida Department of Environmental Protection (Department or DEP) has established an "air general permit" at Florida Administrative Code ("F.A.C.") Rule 62-210.310(5)(b) for concrete batching plants. We understand that the use of this authorization by any individual facility does not require action by the Department, as the terms and conditions of the air general permit are provided in the Department's rules, rather than in a separately issued air construction or air operation permit. Further, we understand that the general air permit authorization can be obtained within 30 days of the registration submittal and the use of the permit is limited to 5 years.

Enclosed are the application report and a check for $100.00 for the "air general permit" for the Port Dolphin concrete batching plant. The attached application report demonstrates that the proposed facility will meet the specific eligibility criteria given in the applicable air general permit at subsection 62-210.310(4) or (5), F.A.C., and the following general criteria:

- The facility shall not emit nor have the potential to emit 10 tons per year or more of any hazardous air pollutant, 25 tons per year or more of any combination of hazardous air pollutants, or 100 tons per year or more of any other regulated air pollutant; and
- The facility shall not be collocated with, or relocated to, another such facility; or create such a facility in combination with any other collocated facilities.

If you should have any questions regarding this application, please contact Mr. Kevin Owen, the Port Dolphin Health, Safety, and Environmental (HSE) Manager by telephone at 813-514-1398.

Sincerely,

German Castro, Vice President
Port Dolphin Energy, LLC

Attachment

Cc: Scott Osbourn, P.E., Golder Associates

REPORT

AIR GENERAL PERMIT

PORT DOLPHIN ENERGY, LLC
CONCRETE BATCH PLANT

Submitted To: Port Dolphin Energy, LLC
400 North Tampa Street
Suite 1015
Tampa, FL 33602

Submitted By: Golder Associates Inc.
5100 W. Lemon Street
Suite 208
Tampa, FL 33609 USA

Distribution: 2 Copies – Florida Department of Environmental Potection
2 Copies – Port Dolphin, LLC
1 Copy – Golder Associates Inc.

August 2010

103-89569

A world of capabilities delivered locally

Golder Associates

Table of Contents

ATTACHMENT A

AIR GENERAL PERMIT NOTIFICATION FORM – CONCRETE BATCHING PLANT

DEP Form No. 62-210-920(8)

DEPARTMENT of ENVIRONMENTAL PROTECTION BUREAU
of NEW SOURCE REVIEW
CONTROL DATA SHEET
DUST COLLECTOR

MANUFACTURER: _____WAM _____

MODEL: _____SILOTOP R01_____

SPECIFY _____ BAGHOUSE
__X__ CARTRIDGE
_____ OTHER _____

NUMBER OF BAGS OR CARTRIDGES: ___7_____

SIZE OF BAG OR CARTRIDGE: _____36.5" (926mm)X 16.7"(425mm)_

TOTAL BAG OR CARTRIDGE AREA (FT2) ____264_____

MAXIMUN CAPACITY (ACFM) _____1500_____

BAG OR CARTRIDGE FABIX _____SPUNBOUND POLYESTER_____

FABRIC WEIGHT (oz) _____8_____

WEAVE _____10 MICRON_____

FINISH _____COATED_____

MAXIMUM FABRIC TEMPERTURE _____175 DEGREES (F)_____

EFFICINCY (%) _____99.9%_____

AIR TO CLOTH RATIO _____6:1_____

METHOD OF CLEANING: _____ REVERSE AIR
___X__ PULSE JET
_____ SHAKER

OPERATING PRESSURE DROP: MIN __4___ MAX __8___ (INCHES OF WATER)

PARTICULATE GRAIN LOADING: INLET _30__ OUTLET _.01_

FAN REUIRMENTS HP _____
SCFM _____
VENTING _X___

WAM® Inc.

WAMGROUP

SILO VENTING FILTER

SILOTOP®

R01 Series

EXCELLENT FOR READY MIXED INDUSTRIES !

- ✓ More comfortable maintenance height
- ✓ Lockable hinged cover
- ✓ Free access to filter elements and in cover integrated cleaning system
- ✓ Easier replacement of filter elements
- ✓ Flanged silo connection

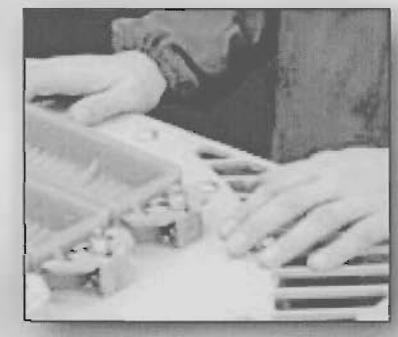
SILO

BODY	FILTER SURFACE	MAX. HEIGHT WHEN CLOSED	MAX. HEIGHT WHEN OPEN	lbs (kg)
Ø 31.5 inches (800 mm)	264 ft² (24.5m²)	45 inches (1145 mm)	73 inches (1850 mm)	225 (102)

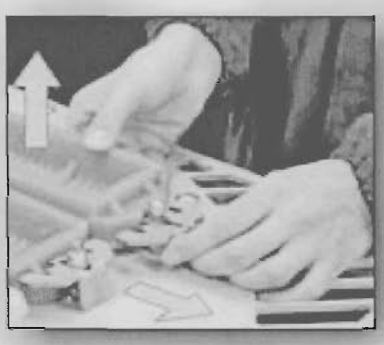
Obstruction-free extruded aluminum manifolds for optimum air flow

Drain point

Aluminum air tank (corrosion-resistant)



Filter element clamps reduce maintenance time



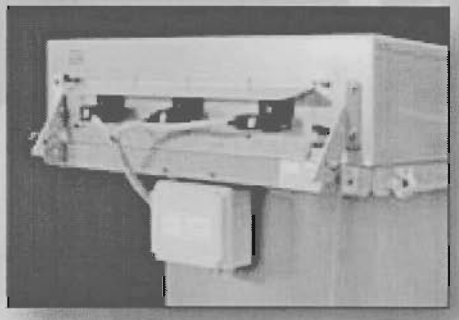
Heavy-duty 16 gauge 304 stainless steel body with bottom flange - thickness 0.04

Inspection hatch

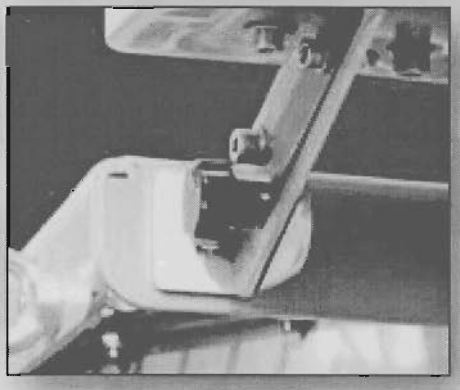
TOP

Weather protection cover with lockable snap hook

Manifolds integrated into the hood

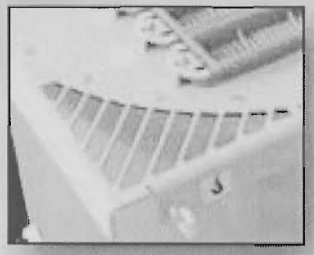


Weather protection cover **"Autolock"** hinges self-locking when open

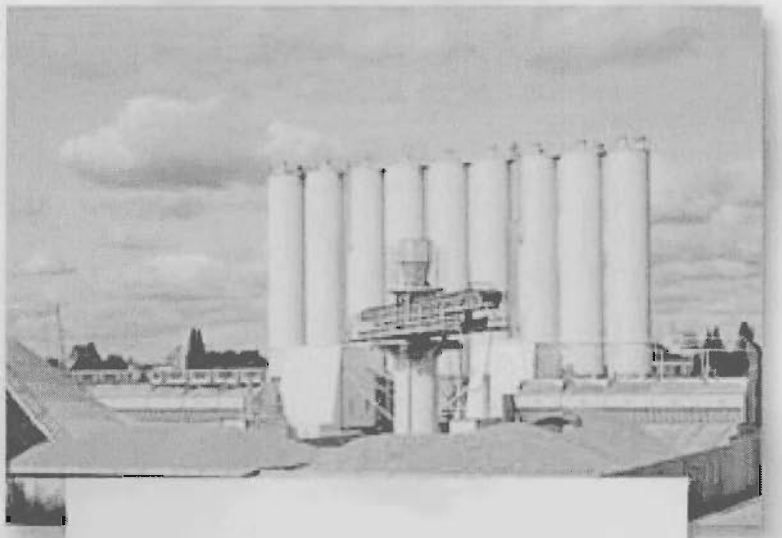


Steel frame with integrated birdcage

CARTRIDGES INCLUDED!



POLYPLEAT® filter cartridges with integrated Venturi shafts guarantee optimum filter surface - air to cloth ratio



Huge inventory available for immediate delivery!

OTHER PRODUCTS


Cement Screw Conveyors


Vertical Srew Conveyors


Butterfly Valves


Slide Valves


Pressure Relief Valves


Level Indicators


Rotary Valves


Pinch Valves

WAM.035.05.US 08/02

WAM Inc.

Georgia Division
75 Boulderbrook Circle
Lawrenceville GA - 30045 - USA
☎ 770 - 339 67 67
fax 770 - 339 47 27
videoconference 678 377 08 81
e-mail: wamgeorgia@waminc.com
internet: www.waminc.com

Texas Division
1300 Triad Blvd.
Fort Worth, TX - 76131 - USA
☎ 817 - 232 26 78
fax 817 - 232 26 76
e-mail: wamtexas@waminc.com
internet: www.waminc.com

PTDA

CEMA

DEPARTMENT of ENVIRONMENTAL PROTECTION BUREAU
of NEW SOURCE REVIEW
CONTROL DATA SHEET
DUST COLLECTOR

MANUFACTURER: _____WAM_____

MODEL: _____FC.1.J.04_____

SPECIFY _____ BAGHOUSE
__X__ CARTRIDGE
_____ OTHER _____

NUMBER OF BAGS OR CARTRIDGES: __3_____

SIZE OF BAG OR CARTRIDGE: _____5.25" X 30"_____

TOTAL BAG OR CARTRIDGE AREA (FT2) ____45FT2_____

MAXIMUN CAPACITY (ACFM) _____150_____

BAG OR CARTRIDGE FABIX _____ POLYESTER____

FABRIC WEIGHT (oz) _____9_____

WEAVE _____10 MICRON_____

FINISH _____COATED_____

MAXIMUM FABRIC TEMPERTURE _____160 DEGREES (F)_____

EFFICINCY (%) _____99.9_____

AIR TO CLOTH RATIO _____6:1_____

METHOD OF CLEANING: _____ REVERSE AIR
___X__ PULSE JET
_____ SHAKER

OPERATING PRESSURE DROP: MIN __4___ MAX ___8__ (INCHES OF WATER)

PARTICULATE GRAIN LOADING: INLET __30_ OUTLET _.01_

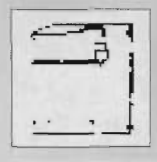
FAN REUIRMENTS HP _____
SCFM _____
VENTING ___X_

WAM®

WAMGROUP®

ROUND DUST COLLECTORS
RUNDE ENTSTAUBUNGSFILTER
FILTRES RONDS
FILTRI TONDI

WAMECO®

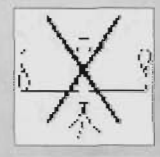


Thanks to compact design no ladders or platforms required to carry out maintenance.

Dank kompakter Abmessungen sind zur Wartung weder Leitern, noch Gerüste erforderlich.

Grâce aux dimensions compactes aucun besoin d'échelles ou galeries pour l'entretien.

Grazie alle dimensioni compatte non c'è alcun bisogno di scale o ballatoi per la manutenzione.



Minimum pressure loss of air distributor means higher cleaning efficiency.

Minimaler Druckverlust der Verteilerelemente gleichbedeutend mit höherem Reinigungsgrad.

Pertes de pression minimum du distributeur d'air: efficacité plus grande de nettoyage.

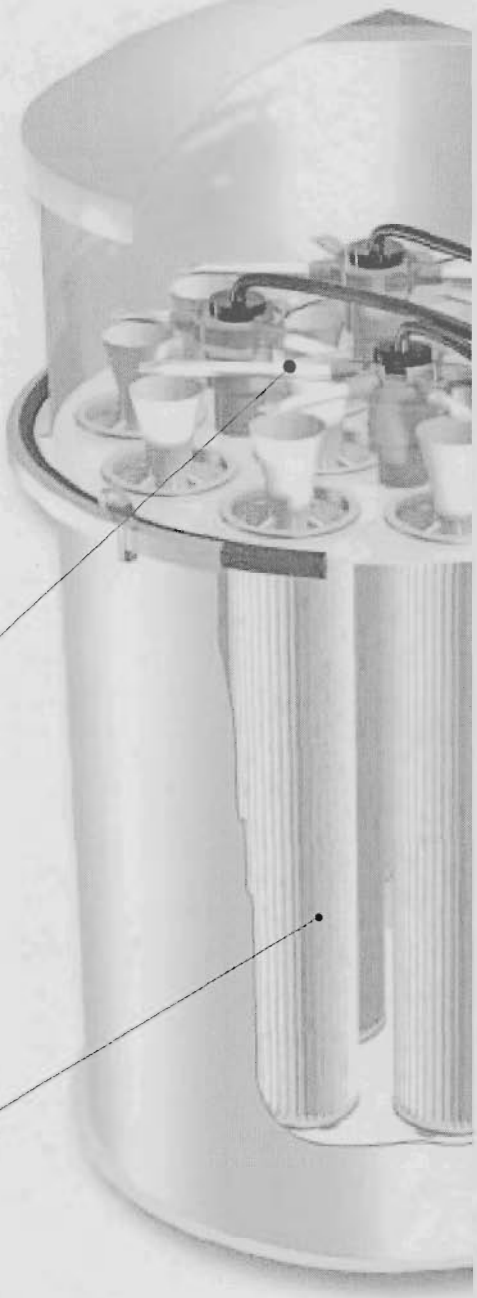
Perdite di pressione minime del distributore d'aria: maggiore efficacia di pulizia.

Certified according to ISO 9001-2000.

Zertifiziert nach ISO 9001-2000.

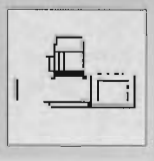
Certification ISO 9001-2000.

Certificazione ISO 9001-2000.



FEATURE - *MERKMAL* CARACTERISTIQUE - *CARATTERISTICA*	FUNCTION - *FU* FONCTION - *FU*
✓ Standard 304 stainless steel body *Gehäuse serienmäßig aus Edelstahl 1.4301* Corps standard en acier inox 304 *Corpo di serie in AISI 304*	✓ Weatherproof finish (can be easily turned into food-g *Wettergeschütztes Finish (auf Wunsch leicht in nahru* Résistance aux intemperies (qualité alimentaire sur r *Resistenza alle intemperie (alimentare su richiesta)*
✓ Push-fit filter element assembly *Filterelemente von Hand einpressbar* Montage manuel des éléments filtrants *Elementi filtranti ad inrastro a mano*	✓ No tools, no hardware required *Weder Werkzeug, noch Schraubenmaterial erforderli* Aucun outil nécessaire *Nessun bisogno di utensili e bulloneria*
✓ High-efficiency cleaning system *Hoch effizientes Abreinigungssystem* Système de nettoyage haute performance *Sistema di pulizia ad elevata efficienza*	✓ Minimizes pressure loss *Minimiert Druckverlust* Réduction des pertes de charge internes *Minimizza perdite di pressione*
✓ Wide range of filter elements *Breites Programm an Filterelementen* Importante gamme d'éléments filtrants *Vasta gamma di elementi filtranti*	✓ Large number of dust collector options / high degree *Vielzahl an Geräteoptionen / hoher Grad an Austaus* Grand nombre d'options machines possibles / haut d *Gran numero d'opzioni di filtri / alto grado di intere*

Round bag
Schlauch
Manche
Manica



With lower energy consumption the WAM fan offers 10-15% higer efficiency.

Bei geringerem Energieverbrauch bietet der WAM Ventilator einen um 10-15% höheren Wirkungsgrad .

A une consommation d'énergie inférieure l'aspirateur WAM donne un rendement plus élevé du 10-15%.

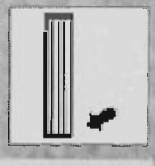
Ad un consumo energetico inferiore l'aspiratore WAM dà un rendimento superiore del 10 - 15%.

High filtration efficiency guaranteed through certified filter material (BIA cat.).

Hoher Filter-Wirkungsgrad gewährleistet durch zertifiziertes Filtervlies (BIA-Kat.).

Grande efficacité de filtration assurée par moyen filtrant certifié (cat. BIA).

Elevata efficienza di filtrazione garantita dal media filtrante certificato (cat. BIA).



Thanks to a special PATENTED pretensioning device in the filter bag the filter media is kept stretched in each stage of filtering. This results in less flow resistance and more durable elements.

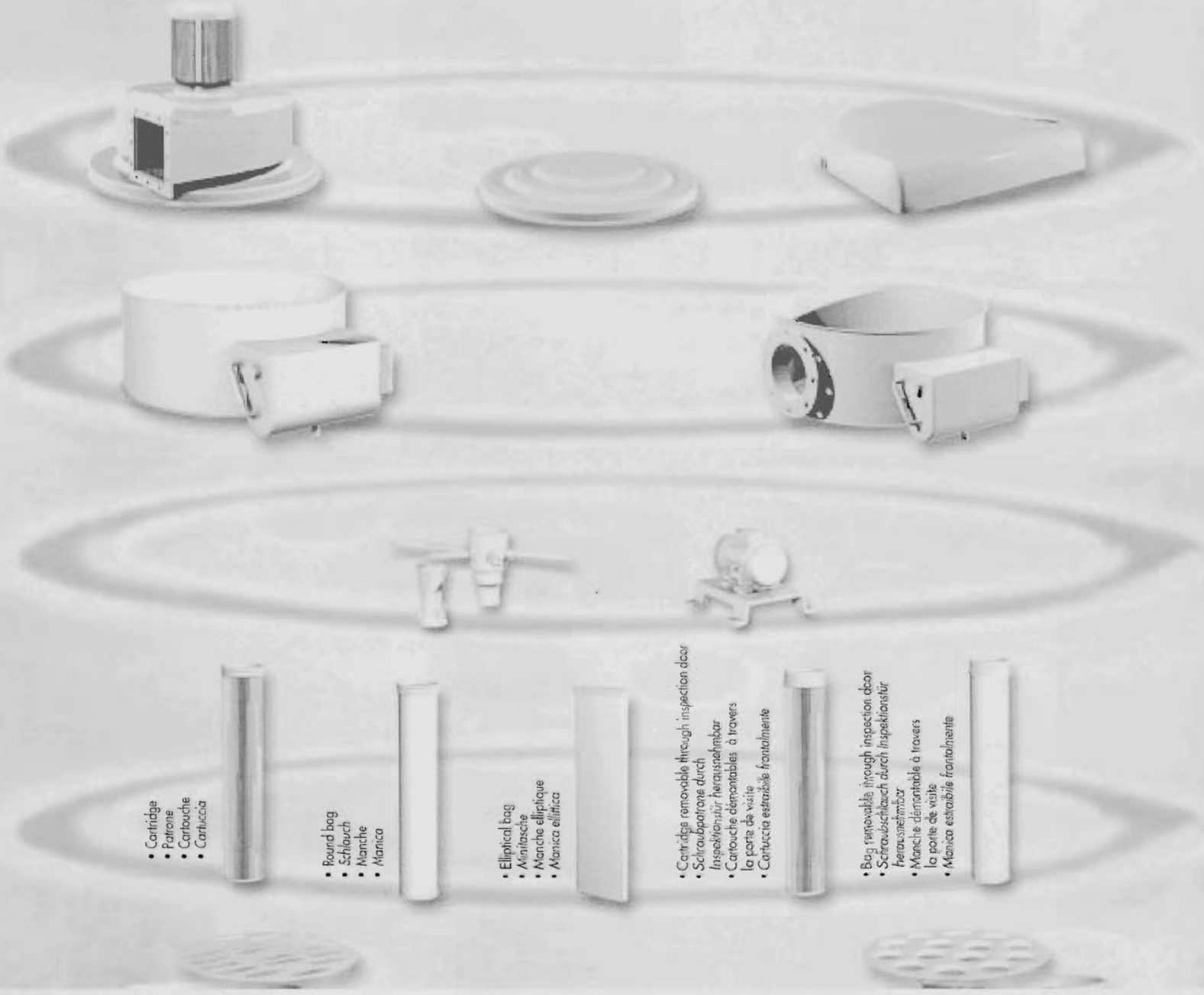
Dank einer PATENTIERTEN Vorspannvorrichtung ist das Filtervlies bei der Schlauchversion in jeder Arbeitsphase gespannt; der Effekt: geringere Strömungsverluste und längere Lebensdauer der Elemente.

Grâce à un prétenseur spécial BREVETÉ, le tissu filtrant des manches reste toujours tendu dans chaque phase du travail: il y a moins pertes de charge et une durée plus longue des éléments.

Grazie ad uno speciale tensionatore BREVETTATO, il tessuto filtrante delle maniche rimane sempre teso in ogni fase di lavoro: si hanno minori perdite di carico e maggior durata degli elementi.

...NKTION ...NZIONE	BENEFIT - VORTEIL AVANTAGE - VANTAGGIO
...grade) ...ngsmitteltaugliche Version wandelbar) ...demande)	✓ Reduced maintenance costs thanks to longer durability *Geringere Wartungskosten dank längerer Lebensdauer* Coûts de maintenance réduits grâce à la grande longévité *Costi di manutenzione più bassi grazie ad una durata più lunga*
...ch	✓ Reduced maintenance costs *Geringere Wartungskosten* Coûts de maintenance réduits *Costi di manutenzione più bassi*
	✓ Lower operating costs *Geringere Betriebskosten* Coûts d'exploitation inférieurs *Costi di esercizio più bassi*
...e of interchangeability ...chbarkeit ...legré d'interchangeabilité ...ambiabilità	✓ Individual problem solving *Individuell abgestimmte Problemlösungen* Grande adaptation à l'installation *Soluzioni individuali mirate*

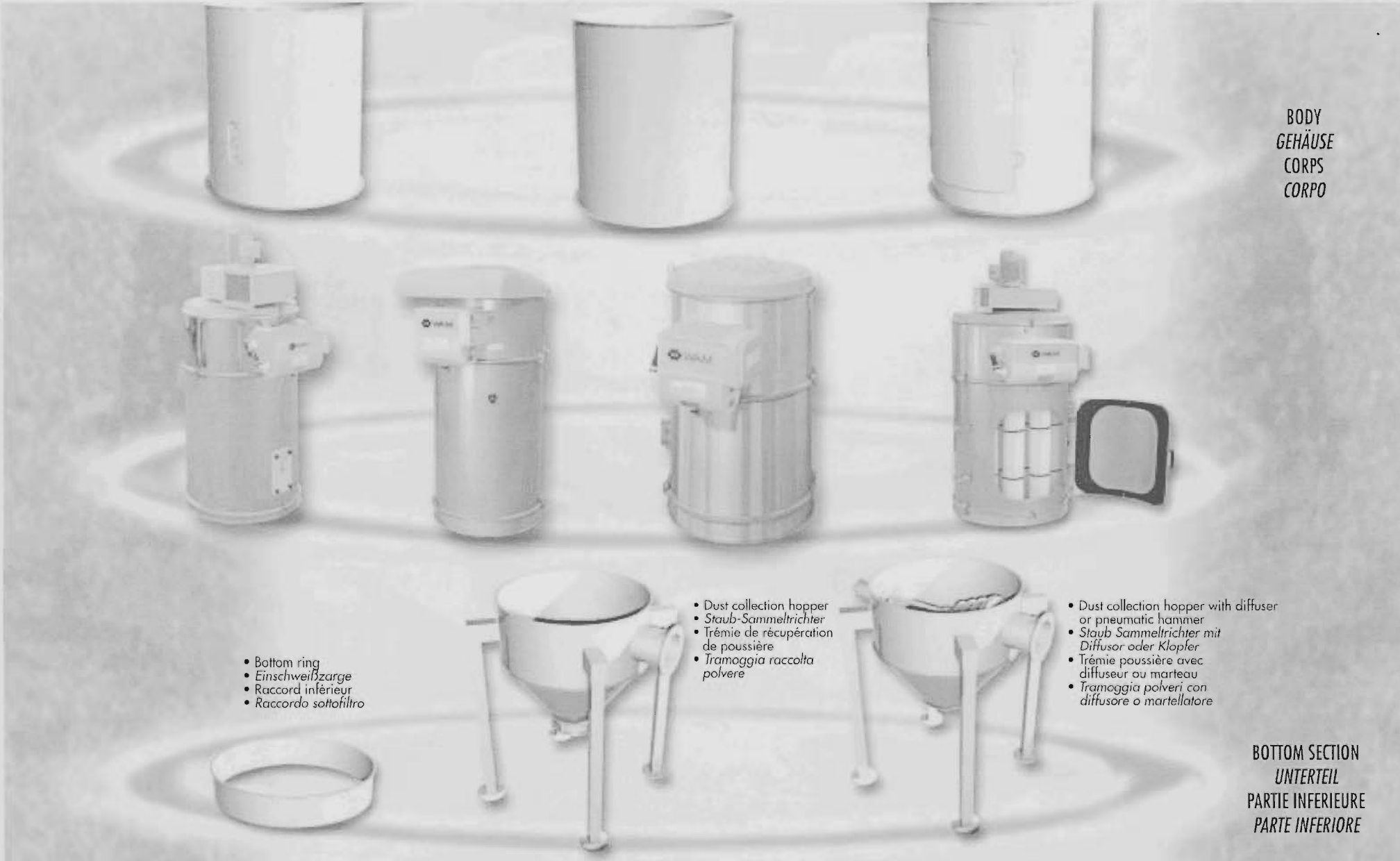
MODULAR DESIGN - *MODULBAUWEISE* - MODULARITE - *MODULARITÁ*



COVER VERSIONS
ABDECKUNGSVARIANTEN
SYSTÉMES DE COUVERTURE
SISTEMI DI COPERTURA

CLEANING SYSTEMS
ABREINIGUNGSSYSTEME
SYSTEMES DE NETTOYAGE
SISTEMI DI PULIZIA

FILTER ELEMENTS
FILTERELEMENTE
ELEMENTS FILTRANTS
ELEMENTI FILTRANTI



BODY
GEHÄUSE
CORPS
CORPO

- Bottom ring
- *Einschweißzarge*
- Raccord inférieur
- *Raccordo sottofiltro*

- Dust collection hopper
- *Staub-Sammeltrichter*
- Trémie de récupération de poussière
- *Tramoggia raccolta polvere*

- Dust collection hopper with diffuser or pneumatic hammer
- *Staub Sammeltrichter mit Diffusor oder Klopfer*
- Trémie poussière avec diffuseur ou marteau
- *Tramoggia polveri con diffusore o martellatore*

BOTTOM SECTION
UNTERTEIL
PARTIE INFERIEURE
PARTE INFERIORE

- Possible to vary number of solenoid valves. Electronic control with cycle timer. Only pneumatically controlled cycle timer. Intelligent cleaning both for electronically and pneumatically controlled version.
- *Anzahl der Magnetventile veränderbar. Elektroniksteuerung mit Zyklus-Timer. Nur pneumatisch gesteuerter Zyklus-Timer. Intelligente Reinigung sowohl bei elektronisch, als auch bei pneumatisch gesteuerter Version.*
- Possibilité de varier le nombre d'électravannes. Commande électronique avec temporisateur cyclique. Temporisateur cyclique complètement pneumatique. Nettoyage intelligent en version électronique et pneumatique.
- *Possibilità di variare il N° di elettrovalvole. Comando elettronico con temporizzatore ciclico. Temporizzatore ciclico completamente pneumatico. Pulizia intelligente sia in versione elettronica che pneumatica.*

PNEUMATIC CONVEYING
PNEUMATISCHE FÖRDERUNG

TRANSPORT PNEUMATIQUE
TRASPORTO PNEUMATICO

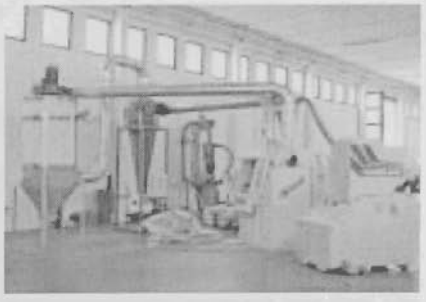
WAM has been involved for many years in dust collection for various industrial applications.
Continuous efforts in research and development, and a total commitment to quality led to this range of round body dust collectors named the WAMECO® F - type.
Particularly suitable for dust collection in pneumatic conveying for either positive or negative pressure systems, the F - range mounts highly efficient filtering elements made from tried and tested BIA - certified media.

- Continuous dilute phase conveying
- *Flugförderung im Dauerbetrieb*
- Transport en pression continu (phase diluée)
- *Trasporto in pressione (fase diluita) continuo*

- Intermittent dilute phase conveying
- *Flugförderung im Intervallbetrieb*
- Transport en pression intermittent (phase diluée)
- *Trasporto in pressione (fase diluita) intermittente*

Les filtres WAMECO® de la série F ont été étudié pour le dépoussiérage de l'air véhiculant des pulvérulents dans les différents secteurs de l'industrie et sont particulièrement recommandés pour le transport pneumatique en pression et en dépression.
Grâce aux média filtrants de haute qualité (tous certifiés par B.I.A.) les filtres de la série F offrent une grande efficacité.

- Pressure (dense phase) conveying
- *Druckförderung (Pfropfenförderung)*
- Transport en pression (phase dense)
- *Trasporto in pressione (fase densa)*



- Dust control of small cyclones
- *Entstaubung von kleineren Zyklonen*
- Dépoussiérage de cyclones petits
- *Depolverazione di piccoli cicloni*

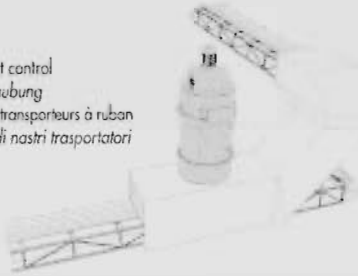
ON-THE-SPOT DUST CONTROL
VOR-ORT - ENTSTAUBUNG

ASPIRATIONS LOCALISEES
ASPIRAZIONI LOCALIZZATE

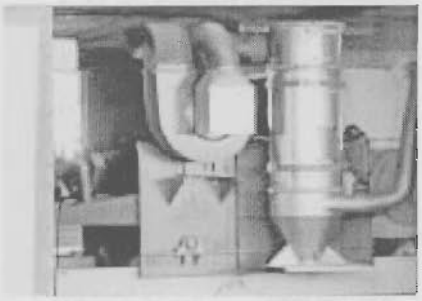
Die WAMECO® F - *Filterserie ist das Ergebnis einer Entwicklung, deren ursprüngliche Zielsetzung bereits darin bestand, ein vielseitig verwendbares Entstaubungsfilter für diverse industrielle Einsätze zu konzipieren .*
Ein hohes Qualitätsniveau in der Fertigung, bedingt durch eine weitgehend automatisierte Serienproduktion, ist eine der wichtigsten Voraussetzungen dafür, immer wieder neue Problemlösungen anbieten zu können.
Die F - Serie ist dabei besonders für die Entstaubung von pneumatischen Fördersystemen, sowohl im über-,als auch im Unterdruckbereich geeignet.
Die verwendeten B.I.A. - zertifizierten Filtermedien bieten einen besonders hohen Wirkungsgrad und wurden vor ihrem Einsatz in der Serie umfangreichen Tests unterzogen.

I filtri WAMECO® serie F *sono stati studiati per la depolverazione di numerose sorgenti polverose nei diversi settori industriali.*
Gli elevati standard qualitativi consentono di affrontare con successo numerosissimi problemi di depolverazione, e sono particolarmente indicati per i trasporti pneumatici sia in pressione sia in depressione.
Elevata efficienza di filtrazione: ogni materiale filtrante è rigorosamente testato e certificato dal B.I.A.

- Concrete mixer dust control
- *Beton-Zwangsmischerentstaubung*
- Dépoussiérage de malaxeurs à béton
- *Depolverazione di mescolatori per calcestruzzo*



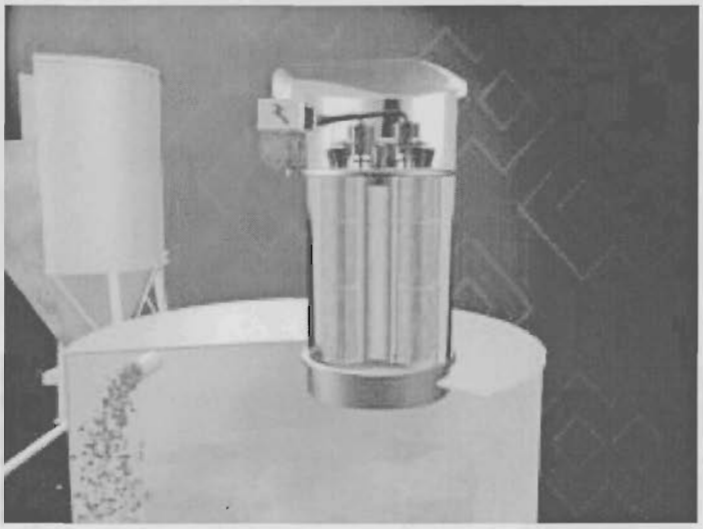
- Belt conveyor dust control
- *Förderbandentstaubung*
- Dépoussiérage de transporteurs à ruban
- *Depolverazione di nastri trasportatori*

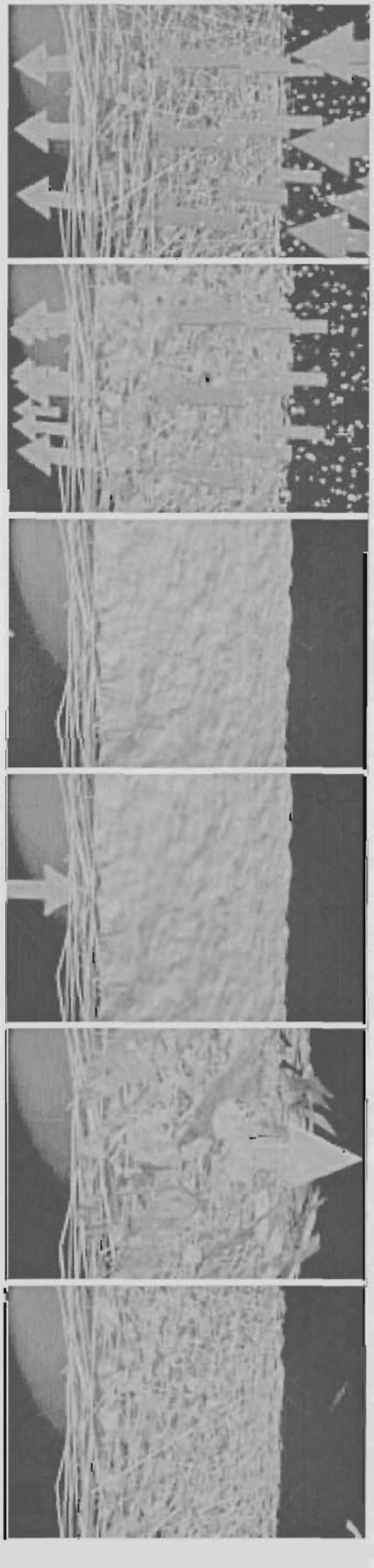


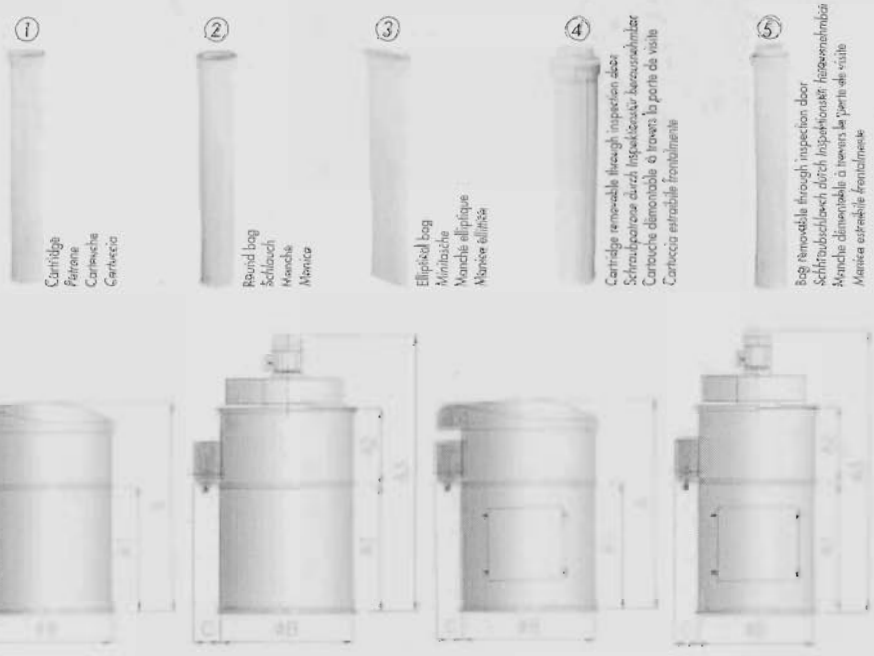
- Manual bag openers
- *Manuelle Sackentleerer*
- Désacheuses manuelles
- *Svuotasacchi manuali*

- Automatic bag splitters
- *Automatische Sackentleerer*
- Désacheuses automatiques
- *Rompisacchi automatiche*

DUST FILTRATION - *STAUBFILTRATION*
FILTRATION DE POUSSIERE - *FILTRAZIONE POLVERI*







Filter surface - *Filterfläche* - Surface filtrante - *Superfice filtrante* m^2					Ø B	A	A3	A1	A2	C
① FC	② FM	③ FE	④ FS	⑤ FB		max.		max.		
3	-	-	3	-	400	901,5	1315	520	360	170
4	-	-	4	-	400	1265	1565	770	360	170
5	1	-	5	1	400	1415	1715	920	360	170
-	2	-	-	2	400	1855	2155	1360	360	170
-	3	-	-	3	400	2335	2635	1840	360	170
7	-	3	7	-	600	1015	1315	520	360	180
11	-	-	11	-	600	1265	1565	770	360	180
13	3	5	13	3	600	1415	1715	920	360	180
-	5	7	-	5	600	1855	2155	1360	360	180
-	6	9	-	6	600	2335	2635	1840	360	180
12	-	4		-	800	1015	1430	520	360	150
20	-	-	12	-	800	1265	1680	770	360	150
24	6	7	20	6	800	1415	1830	920	360	150
-	8	10	24	8	800	1855	2270	1360	360	150
-	11	14	-	11	800	2335	2750	1840	360	150
25	-	8	-	-	1000	1015	1370	520	360	125
39	-	-		-	1000	1265	1620	770	360	125
47	11	13	25	11	1000	1415	1770	920	360	125
-	16	20	39	16	1000	1855	2210	1360	360	125
-	21	26	47	21	1000	2335	2690	1840	360	125

ACCESSORIES
ZUBEHÖR

Standard 304 stainless steel body (316 on request)

Standard-Filtergehäuse aus Edelstahl 1.4301 (optional 1.4401)

Corps standard en inox 304 (316 sur demande)

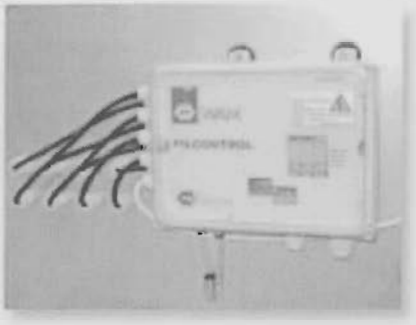
Corpo standard in AISI 304 (316 su richiesta

Standard seal frame in carbon steel (304 or 316 st. st. on request)

Standard-Elementehalterungsplatte aus Stahl (optional Edelstahl 1.4301 oder 1.4401)

Plaque support éléments filtrants en acier au carbone (inox 304 ou 316 sur demande)

Piastra porta elementi filtranti in acciaio al carbonio (AISI 304 o 316 su richiesta)



Electronic control panel with integrated pressure differential meter

Elektronische Steuerung mit integriertem Druckdifferenzmesser

Carte électronique avec mesure de pression différentielle integrée

Scheda elettronica con misuratore differenziale di pressione integrato

Fan choke with round flange or rain cover

Ventilatordrossel mit rundem Flansch oder Regenschutzdach

Volet de réglage avec bride ou par pluie

Valvola parzializzatrice con flangia tonda o parapioggia

ACCESSOIRES
ACCESSORI

FURTHER PRODUCTS
WEITERE PRODUKTE
AUTRE PRODUCTION
ALTRA PRODUZIONE

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N.B.: Angaben ohne Gewähr. Änderungen können ohne Vorankündigung vorgenommen werden.
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* ADDENDUM TO # 0810197 - 002
PAGE 10, DESCRIPTION OF FACILITY/A.

Dibble, Dickson

From: Osbourn, Scott [Scott_Osbourn@golder.com]
Sent: Friday, September 10, 2010 1:35 PM
To: Dibble, Dickson
Cc: Kevin Owen
Subject: FW: Port Dolphin Concrete Batch Plant
Attachments: FC 1 J 04 (2).doc; usa_SILOTOP_0802.pdf; WAMECO_0703.pdf; SILOTOP EPA SHEET.doc

Please see the attached documents as well as the following, supplied by the potential concrete batch plant vendor:

- Silo was designed and built by EB Pipe Coating who we purchased the plant. It has a 55 ton capacity.
  - The silo bag house is a WAM SILOTOP R01 Series-264 ft^2 filter surface area (Info Attached).
  - The cement feed over the mixer is a WAM model WAMECO FC104containing 3 filters- 45 ft^2 filter surface area.. (Info Attached).
- Unit is not portable and will be slab mounted as a stationary unit.

One of Port Dolphin's concerns is that they are still negotiating with several vendors and don't want to get locked into a particular vendor spec (i.e., equipment make/model nos., etc.), although all vendors under consideration would have the same plant design and processing capability.

Regarding your other question below:

1) *Our Air Resource Management (ARMS) indicates that an INACTIVE Concrete Batching Plant (Bedero Price Co.) exists, or rather was in existence on the 13231 Eastern Avenue site in Palmetto as late as 2003. Does it still exist, or has the equipment been removed and the site vacated?*

That particular plant was temporarily in place to support the Gulfstream pipeline project and was removed after construction was complete. I'm not exactly sure of the timing, but is was likely removed more than 5 years ago. The concept would be the same here, that is, the plant would be removed after construction of the pipeline is complete.

I hope this answers your questions, but feel free to contact me at the number below if you still have concerns.

Scott Osbourn (P.E.) | Associate and Senior Consultant | **Golder Associates Inc.**
5100 West Lemon Street, Suite 208, Tampa, Florida, USA 33609
T: +1 (813) 287-1717 | **D:** +1 (813) 769-5304 | **F:** +1 (813) 287-1716 | **C:** +1 (727) 278-3358 | **E:** Scott_Osbourn@golder.com | **www.golder.com**

From: Dibble, Dickson [mailto:Dickson.Dibble@dep.state.fl.us]
Sent: Wednesday, September 01, 2010 2:22 PM
To: Osbourn, Scott
Cc: Ajhar, Rebecca
Subject: RE: Port Dolphin Concrete Batch Plant

Scott,

We have received the subject item facility's Concrete Batching Plant (CCB) Air General Permit Registration form and supporting documentation. The form was date stamped received on August 30, 2010, which began the mandatory thirty (30) day review and processing period. The review and processing period serves also as a period of time in which to gather additional missing data, correct errors and update any changes to data on the form prior to the entitlement being issued.

As you may have picked up in the voice-mail message which I left on your phone there are some issues to be resolved. Specifically they are:

2) There is no reference as to the identification of process equipment and emission control equipment.
   a. Silos (Make, Model #'s, capacities in Bbls, Tons, or Cu.Yds., product contained therein, etc.)
   b. Baghouses or dust collectors (Make, model #'s, silotop or ground mounted, individual or central, filter types (cartridge or bag), filter area in sq.ft., etc.)
   c. If any, batchers/mixers & related emission control equipment identification
3) Is this a true portable/relocatable unit (wheels), or will it be attached to the ground as in a stationary unit.
4) Our Air Resource Management (ARMS) indicates that an INACTIVE Concrete Batching Plant (Bedero Price Co.) exists, or rather was in existence on the 13231 Eastern Avenue site in Palmetto as late as 2003. Does it still exist, or has the equipment been removed and the site vacated?

We must resolve these issues before the expiration of the thirty (30) review period in order to proceed with the entitlement process. You may send the information to me electronically and I will simply attach that information as an addendum to the current submitted form. I only need one (1) copy, not four (4).

If you have any questions, comments, or concerns please e-mail or call.

I will be out of the office beginning this afternoon (1430 hrs) and will return on Wednesday, September 8, 2010.

Thank you for your assistance and have a great Labor Day Holiday weekend!

Sincerely yours,

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

The Department of Environmental Protection values your feedback as a customer. DEP Secretary Michael W. Sole is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on this link to the DEP Customer Survey. Thank you in advance for completing the survey.

From: Osbourn, Scott [mailto:Scott_Osbourn@golder.com]
Sent: Tuesday, August 31, 2010 3:51 PM
To: Dibble, Dickson
Subject: Port Dolphin Concrete Batch Plant

Hopefully, you should have received our air application package by now. If not, please let me know.

I have 2 requests, if it's not too much trouble. First, the client wanted to know if you could provide some sort of receipt or acknowledgement that you had received the check for the processing fee. Second, I neglected to make a copy of the transmittal letter and wondered if you could possibly send a pdf version of the letter back to me.

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Dibble, Dickson

From: Dibble, Dickson
Sent: Friday, September 10, 2010 7:10 AM
To: 'Osbourn, Scott'
Cc: Ajhar, Rebecca
Subject: RE: Port Dolphin Concrete Batch Plant
Attachments: PortDolphinEnergyLLC-CoverLetter-CCBPlantAGPRegistration.pdf

Dear Scott,

Please accept my apologies for not getting this to you sooner, but I got so focused on trying to communicate to you regarding the missing information on the Concrete Batching Plant Air General Permit Form that I forgot to scan and send a copy of the cover letter to you.

As you can see, an electronic copy (.pdf file) is attached.

If you have any questions, comments or concerns, please e-mail or call.

Thank you and have a great day!

Sincerely yours,

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

From: Osbourn, Scott [mailto:Scott_Osbourn@golder.com]
Sent: Tuesday, August 31, 2010 3:51 PM
To: Dibble, Dickson
Subject: Port Dolphin Concrete Batch Plant

Hopefully, you should have received our air application package by now. If not, please let me know.

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Tracking:

Recipient	Delivery
'Osbourn, Scott'	
Ajhar, Rebecca	Delivered: 9/10/2010 7:13 AM