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Bureau of Air Monitoring
& Mobile Sources

NONMETALLIC MINERAL PROCESSING PLANTS (CRUSHERS) 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)

0710273-001

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.)

Resource Conservation Holdings, 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.)

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

Street Address: North side of Corkscrew Road, approx 1.0 miles east of Burgundy Farms Road, 1500' north of Corkscrew Road within subject property.

City: Fort Myers

County: Lee

Zip Code: 33928

ESTERO

FL

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

January 2012

6/24/09- TELECON W/CONSULTANT REP
 JANINE STEPHANOSKI (DRAPER TECH)
 D. Wilkie

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: Tim Youngquist, Member

Owner/Authorized Representative Mailing Address

Organization/Firm: Resource Conservation Holdings, LLC

Street Address: 6420 Congress Ave Suite 2000

City: Boca Raton

County: Palm Beach

Zip Code: 33487

Owner/Authorized Representative Telephone Numbers

Telephone: (561) 495-7554

Fax: (561) 241-6606

Cell phone (optional):

Facility Contact (If different from Owner/Authorized Representative)

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

Print Name and Title:

Facility Contact Mailing Address

Organization/Firm:

Street Address:

City:

County:

Zip Code:

Facility Contact Telephone Numbers

Telephone:

Fax:


Cell phone (optional):

Owner/Authorized Representative Statement

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

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

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

X 
Signature

6/16/09
Date

Type of Facility

Check one:

Stationary Facility

Relocatable Facility

Type(s) of Precautions Used to Prevent Unconfined Emissions

Check all that apply for the management of roads, parking areas, stock piles and yards:

Maintain Roads/Parking/Yards

Use Water Application

Use Dust Suppressant

Remove Particulate Matter

Reduce Stock Pile Height

Install Wind Breaks

Check the location of spray bars at the nonmetallic mineral processing plant:

Feeders

Entrance to "Crusher"

Exit of "Crusher"

Classifier Screens

Conveyor Drop Points

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 following precautions will be taken to prevent unconfined emissions at the facility:

A. Roads and parking areas will be paved and maintained

B. Water will be applied to any unpaved roads, yards, open stock piles or similar emissions units when necessary

C. Particulate matter will be removed from roads, buildings, work areas or other paved areas to prevent particles from becoming airborne.

D. Conveyor systems will be enclosed

E. Operations will be restricted or ceased in the event that high winds have entrained unconfined particulate matter

F. Regulatory speed limit signs will be posted for trucks and other vehicles

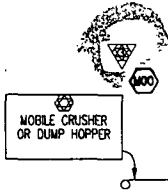
G. Green space and open areas will be seeded, sodded or landscaped

Description of Facility

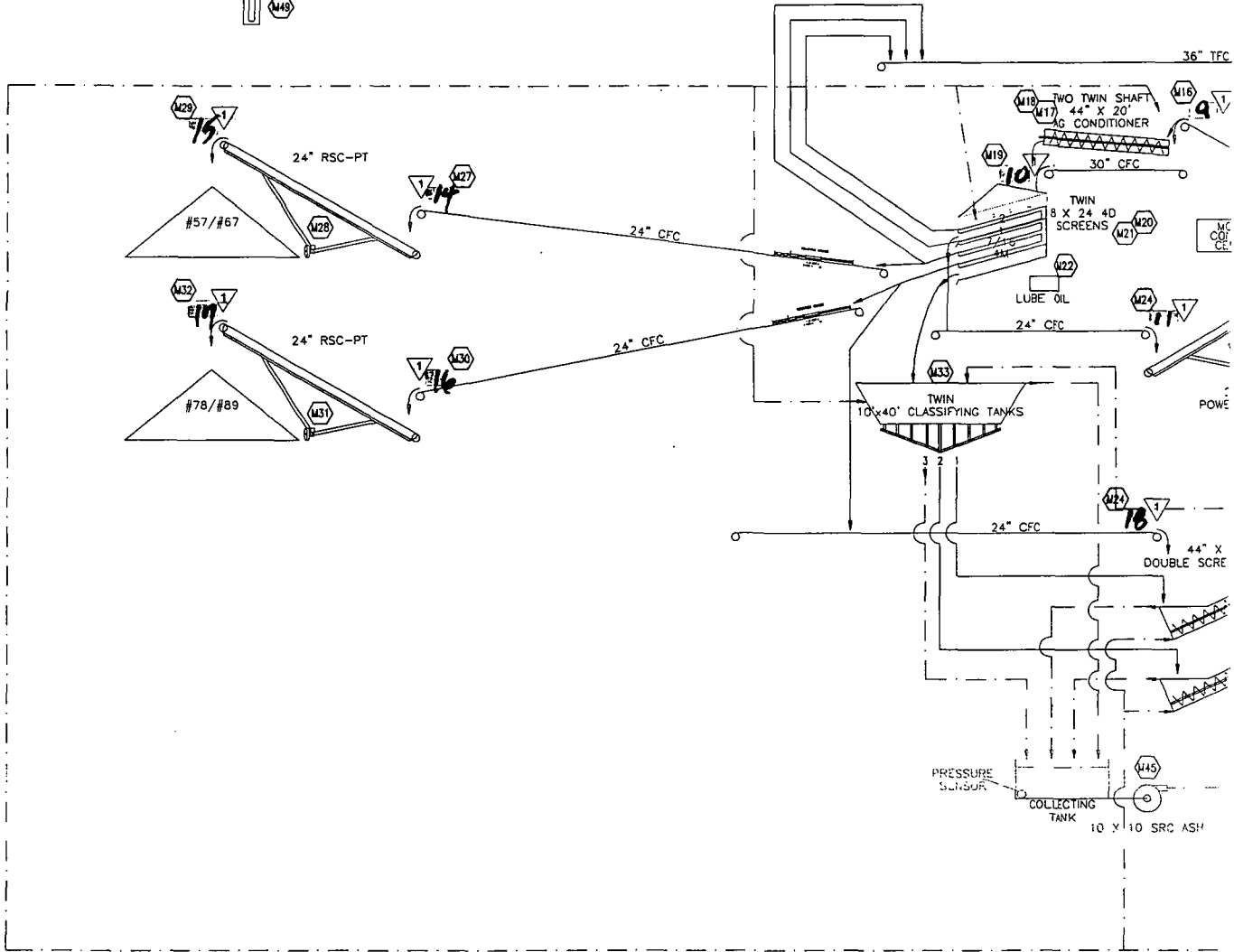
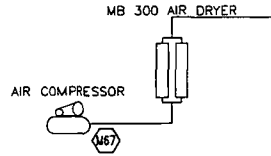
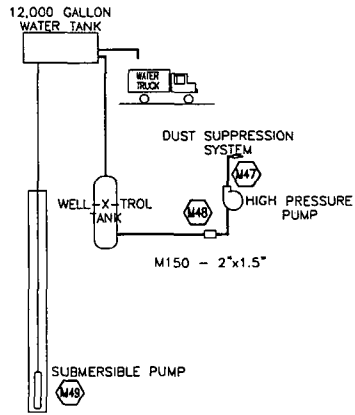
Below, or as an attachment to this form, provide a description of the nonmetallic mineral processing operations at the facility in sufficient detail to demonstrate the facility's eligibility for use of this air general permit and to provide a basis for tracking any future equipment or process changes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

One proposed processing facility is planned: a 6,000,000 ton per year large scale facility. The facility shall consist of the required machinery to accomplish rock mining, crushing, sizing, washing and separating various grades of sand and aggregate.

Please refer to the attached Resource Conservation Holdings Project Plant Flow diagram for 6,000,000 ton per year maximum production facilities which describe the equipment, processes and locations of air pollution control devices.



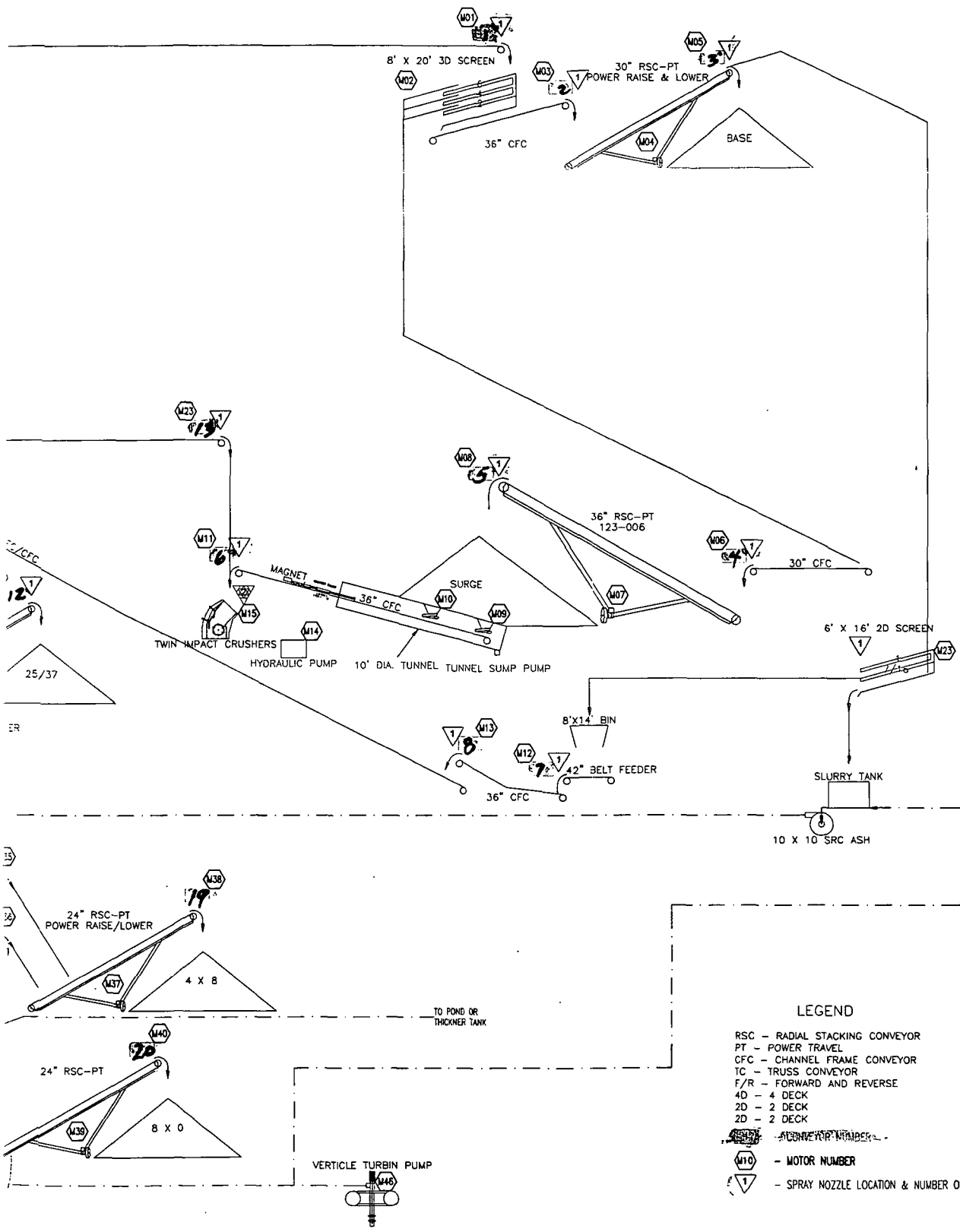
60" CFC Overland Conveyor



OFFICE / SCALE HOUSE

TWIN 10' X 60' TRUCK SCALES - INBOUND & OUTBOUND

LAB BUILDING



- LEGEND**
- RSC - RADIAL STACKING CONVEYOR
 - PT - POWER TRAVEL
 - CFC - CHANNEL FRAME CONVEYOR
 - TC - TRUSS CONVEYOR
 - F/R - FORWARD AND REVERSE
 - 4D - 4 DECK
 - 2D - 2 DECK
 - 2D - 2 DECK
 - CONVEYOR NUMBER
 - M10 - MOTOR NUMBER
 - 1 - SPRAY NOZZLE LOCATION & NUMBER OF NOZZLES

DATE	
REVISIONS	
NO.	

PETER J. PELLICATO, P.E.
 FLORIDA P.E. #50063
 1400 N.W. 107th Ave., Suite 200
 Fort Lauderdale, FL 33322

CLIENT
RESOURCE CONSERVATION HOLDINGS, LLC.
 6420 Congress Avenue
 Boca Raton, FL 33487
 Phone: (561) 991-7000
 Fax: (561) 991-7000

DRAPER TECHNOLOGY
 1342 Colonial Blvd. B15
 Fort Myers, FL 33907
 Phone: (239) 936-8565
 Fax: (239) 936-8332
 FBPE 26753

CORKSCREW EXCAVATION
 LEE COUNTY, FLORIDA
 SECTION: 192.134-TOWNSHIP-46-SOUTH-RANGE-36-27 EAST
6,000,000 TPY PLANT: PROCESS FLOW DIAGRAM

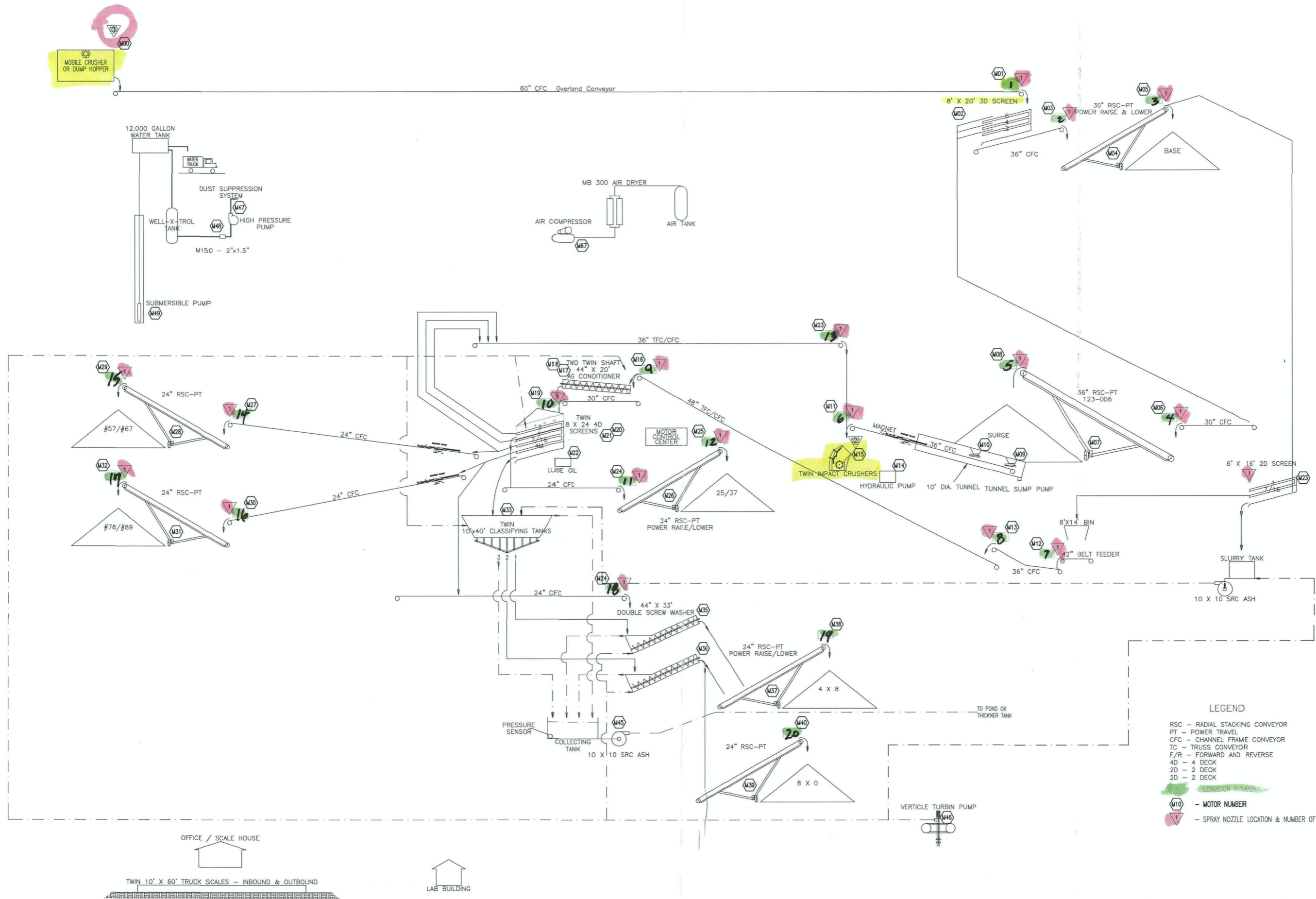
SCALE:
 DATE:
 04/07/09

FIG.
005-1

FOR REVIEW ONLY - NOT FOR CONSTRUCTION

Corkscrew Excavation Processing Plant

Equipment	Quantity	Manufacturer	Date of Manufacturer	Model	Serial #	Size (TPH, hp, kW, etc.)	Subject to 40 CFR Part 60 Subpart	
							Yes	No
Impact Crushers	2	Hazemag	TBD	APP-1622	TBD	700 TPH, 600 hp	X	
60" Overland Conveyor	1	In House				1320 TPH	X	
Conveyor Engine 48" TFC/CFC	1	In House	TBD	Toshiba Motor	TBD	25 hp		X
Conveyor Engine 36" TFC/CFC	1	In House	TBD	Toshiba Motor	TBD	826 TPH	X	
Conveyor Engine 36" RSC	1	In House	TBD	Toshiba Motor	TBD	20 hp		X
Conveyor Engine 30" CFC	1	In House	TBD	Toshiba Motor	TBD	447 TPH	X	
Conveyor Engine 24" RSC	1	In house	TBD	Toshiba Motor	TBD	15 hp		X
Conveyor Engine	1	In House	TBD	Toshiba Motor	TBD	447 TPH	X	
Conveyor Engine	1	In house	TBD	Toshiba Motor	TBD	15 hp		X
Conveyor Engine	1	In house	TBD	Toshiba Motor	TBD	300 TPH	X	
Conveyor Engine	5	In House	TBD	Toshiba Motor	TBD	10 hp		X
Conveyor Engine	5	In House	TBD	Toshiba Motor	TBD	183 TPH	X	
Conveyor Engine	5	In House	TBD	Toshiba Motor	TBD	10 hp		X
2D Screen	1	Telsmith	TBD	Vibro-King Screen	TBD	6' X 16', 30 hp, 650		
3D Screen	1	Telsmith	TBD	Vibro-King Screen	TBD	750 TPH		X
4D Screen	1	Sandvik	TBD	CS 173Q	TBD	8' X 20', (2)-30 hp, 950-1200TPH		X
						8' X 24', (2)-30hp		
						700-1000 TPH,		X



LEGEND

RSC - RADIAL STACKING CONVEYOR
 PT - POWER TRAVEL
 CFC - CHANNEL FRAME CONVEYOR
 TC - TRUSS CONVEYOR
 F/R - FORWARD AND REVERSE
 4D - 4 DECK
 2D - 2 DECK
 2D - 2 DECK

CONVEYOR NUMBER

M10 - MOTOR NUMBER

1 - SPRAY NOZZLE LOCATION & NUMBER OF NOZZLES



NO.	REVISIONS	DATE

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 FBPE 2/6753

CORKSCREW EXCAVATION
 LEE COUNTY, FLORIDA
 SECTION: 19.23.24; TOWNSHIP: 46 SOUTH; RANGE: 26.27 EAST
6,000,000 TPY PLANT: PROCESS FLOW DIAGRAM

SCALE:
 DATE:
 04/07/09

FIG.
005-1

FOR REVIEW ONLY - NOT FOR CONSTRUCTION

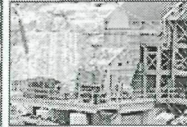
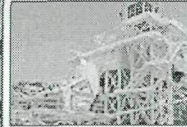
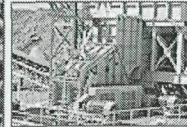
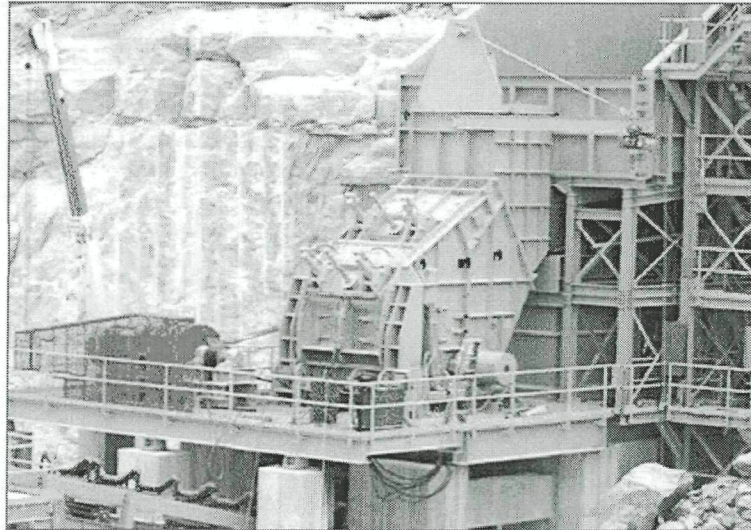


HAZEMAG

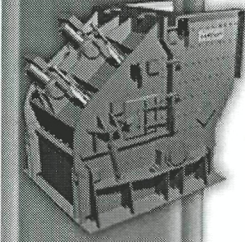


APP: Primary Impactor

- Home
- Company
- Primary Impactors
- Secondary Impactors
- Tertiary Impactors
- Rotors
- Hammer Mills
- Rapid Dryers
- Impactor Anatomy
- Support Unlimited
- Contact
- News



VIEW VIDEO



Crusher Specifications

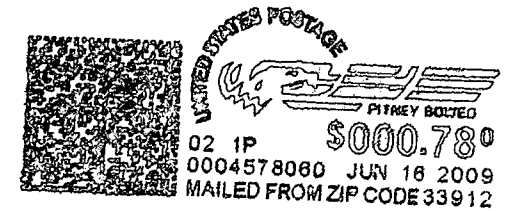
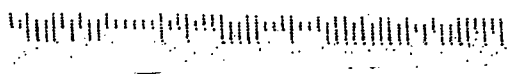
Model	Capacity Tons/Hour (Tonnes)	Power Requirements Hp (Kw)	Inlet Size in. (mm) (H x W)	Maximum Feed Size in. (mm)	Rotor Size in. (mm) (D x W)	Weight Lb. (Kg)
APP-1513	250 (220)	250 (160)	35 x 54 (900 x 1360)	- 30 (760)	60 x 53 (1500 x 1340)	47,800 (21,700)
APP-1615	400 (350)	350 (250)	51 x 60 (1290 x 1520)	- 40 (1000)	63 x 59 (1600 x 1500)	86,900 (39,500)
APP-1622	700 (600)	600 (450)	51 x 89 (1290 x 2270)	- 40 (1000)	63 x 88 (1600 x 2250)	128,700 (58,500)
APP-1822	900 (800)	1000 (750)	63 x 89 (1600 x 2270)	- 48 (1200)	70 x 88 (1800 x 2250)	151,800 (69,000)
APP-2022	1100 (1000)	1200 (900)	72 x 89 (1830 x 2270)	- 60 (1500)	79 x 88 (2000 x 2250)	193,600 (88,000)
APP-2025	1200 (1090)	1500 (1125)	72 x 99 (1830 x 2520)	- 60 (1500)	79 x 98 (2000 x 2500)	237,900 (108,150)
APP-2030	1650 (1500)	1800 (1350)	51 x 118 (1290 x 3020)	- 60 (1500)	79 x 118 (2000 x 3020)	242,000 (110,000)
APP-2522	1500 (1360)	1600 (1200)	84 x 89 (2125 x 2270)	- 60 (1500)	98 x 88 (2500 x 2250)	297,000 (135,000)
APP-2525	2000 (1800)	1800 (1350)	84 x 99 (2125 x 2520)	- 60 (1500)	98 x 98 (2500 x 2500)	332,000 (151,000)
APP-2530	2500 (2300)	2500 (1800)	84 x 118 (2125 x 3020)	- 60 (1500)	98 x 118 (2500 x 3020)	396,000 (180,000)

NOTE: Performance details relate to medium-hard limestone.

HAZEMAG USA Inc. • P.O.Box 1064 • Uniontown, PA 15401 • Phone: (724) 439-3512 • Fax: (724) 439-3514
 HAZEMAG CANADA Inc. • 1 Marconi Court, Unit #10 • Bolton, ON L7E1E2 • Phone: (905) 857-9623 • Fax: (905) 857-3025

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