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ROGER P. STEWART  
DIRECTOR  
1900 - 9th AVE  
TAMPA, FLORIDA 33605  
TELEPHONE (813) 272-5960

MEMORANDUM

Date August 25, 1987

To John Reynolds thru Bill Thomas, DER

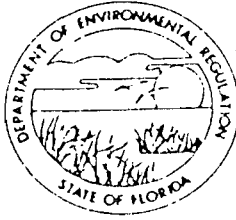
From Victor San Agustin thru Jerry Campbell, EPC

Subject: Construction Permit for Gardinier's Dock Loading Conveyor System

Having reviewed the application and as per our operating agreement, EPC staff recommends approval to issue a construction permit for the above application. We further recommend that you adopt the enclosed source description (Attachment A) and specific conditions (Attachment B) in your construction permit.

Your consideration in this regard will be appreciated. If I can be of any assistance, please call. Also enclosed are APIS updates of 6 new emission points.

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION



SOUTHWEST DISTRICT

7601 HIGHWAY 301 NORTH  
TAMPA, FLORIDA 33610

813-985-7402  
SunCom - 570-8000

BOB MARTINEZ  
GOVERNOR

DALE TWACHTMANN  
SECRETARY

DR. RICHARD D. GARRITY  
DISTRICT MANAGER

PERMITTEE

Mr. Rudy J. Cabina, Vice President  
Gardinier, Inc.  
Post Office Box 3269  
Tampa, FL 33601

PERMIT/CERTIFICATION

Permit No.:  
County: Hillsborough  
Expiration Date:  
Project: Dock Loading  
Conveyor System

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 & 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the department and made a part hereof and specifically described as follows:

(SEE ATTACHMENT A)

Location: U.S. Highway 41, North of Alafia River, Gibsonton

UTM: 17-363.2E 3082.3N NEDS NO: 0008 Point ID: 51-West Bag Filter  
56-Bldg #2 Baghouse  
57-Bldg #5 Baghouse  
58-Bldg #6 Baghouse  
59-Conveyor 7 to 8  
Baghouse  
60-Conveyor 8 to 9  
Baghouse

Replaces Permit No.: N/A

DER Form, 17-1.201(5) Page 1

## ATTACHMENT A

### SOURCE DESCRIPTION

For the construction of a new 750 TPH conveying system for transporting GTSP, DAP, and MAP to the shiploading operation. Product from within each of storage buildings #2, #5, and #6 will be fed onto individual collection conveyors which will be installed at floor level. Each collection conveyor within each of the three buildings will be equipped with feed hoppers situated every forty feet. Building #4 will have no material belt conveying capability. Product flow from each feed hopper to the belt will be controlled by variable position feed gates. Feed hoppers will be loaded by frontend loaders. All hopper loading operations will be performed indoors.

Each belt in storage buildings #2, #5, and #6 will discharge product onto a single common collection belt running perpendicular to the buildings at one end. This collection belt will be designated as Conveyor #7. Product loadout from buildings will be performed one at a time. Emissions from each of the three belt to belt transfer points will be controlled by individual 3630 ACFM Fuller Model 64DS8 baghouse from Conveyor #8, product will be discharged onto a scalping screen where large over sized product will be removed. From the scalping screen, properly sized products are discharged onto a transfer conveyor designated as Conveyor #9. Emissions from screening and from the scalp screen to Conveyor #9 transfer point will be controlled by a 6930 ACFM Fuller Model 12D58 baghouse. From conveyor #9, product is discharged onto a 30 ton surge bin for interim temporary storage. From the 30 ton surge bin, product is discharged onto a 25 ton weigh hopper. From the weigh hopper, product can be discharged either to a railcar or to a 25 ton surge hopper. The 25 ton surge hopper will feed product on the existing shiploader conveyor belt. Emissions from the Conveyor #9 to surge bin, surge bin to weigh hopper, weigh hopper to 25 ton surge hopper, 25 ton surge hopper to shiploader conveyor belt, and hopper to railcar transfer points will be controlled by the existing 25,000 ACFM Flex-Kleen Model 100-WM-510-TR-10 baghouse designated as the West bag filter. This baghouse will be relocated next to the railcar loading operation. The 25,000 ACFM baghouse is currently permitted to control emissions from the railcar to shiploader conveyor transfer point. Conveyors #7, #8, and #9 will be equipped with covers and belt cleaners. There will be no more railcar loading with payloaders.

ATTACHMENT B

SPECIFIC CONDITIONS

1. As requested by the permittee, maximum allowable particulate emissions from each baghouse shall not exceed the following based on their design flow rates:

	<u>gr/dscf</u>	<u>Design Flow Rate (dscfm)</u>	<u>lbs/hr</u>	<u>TPY</u>
Building #2 Baghouse	0.02	3630	0.62	1.24
Building #5 Baghouse	0.02	3630	0.62	1.24
Building #6 Baghouse	0.02	3630	0.62	1.24
Conveyor #7 to 8 Baghouse	0.02	3630	0.62	1.24
Conveyor #8 to #9 Baghouse	0.02	6930	1.19	2.38
West Bag Filter	0.02	25,000	4.29	8.58

2. As requested by the permittee, hours of operation for each transfer point shall not exceed 4000 hrs/yr.
3. Pursuant to Subsection 17-2.650(2)(c)11., F.A.C., visible emissions from each baghouse exhaust and from any of Building #'s 2, 4, 5, and 6 shall not exceed 5% opacity.
4. Compliance with the emission limitations of Specific Condition Nos. 1 & 3 shall be determined using EPA Methods 1, 2, 4, 5 and 9 contained in 40 CFR 60, Appendix A and adopted by reference in Section 17-2.700, F.A.C. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Section 17-2.700, F.A.C. and 40 CFR 60, Appendix A. (DER #94)
5. Within 30 days of initial operation of the new system, test the 6930 acfm baghouse for PM emissions. Furthermore, each baghouse exhaust shall be tested for visible emissions. The minimum v.e. test duration on each baghouse shall be 30 minutes. The West Bag filter exhaust shall be tested for flow rate using EPA Method 2. Test results shall be submitted no later than 45 days from the date the test is performed. Testing procedures shall be consistent with the requirements of Section 17-2.700, F.A.C.
6. Should the Department have reason to believe the particulate emission standard is not being met, the Department may require that compliance with the particulate emission standards be demonstrated by testing in accordance with Section 17-2.700, F.A.C. (DER #96)
7. The Environmental Protection Commission of Hillsborough County shall be notified in writing 15 days in advance of any compliance test to be conducted on this source. (DER #100)
8. Testing of emissions must be accomplished at approximately the maximum rate stated in the permit application. The actual process rate shall be specified in each test result. Failure to submit the input rates or operation at conditions which do not reflect actual operating conditions may invalidate the data [Section 403.161(1)(c), Florida Statutes].(DER #72)

9. All reasonable precautions shall be taken to prevent and control generation of unconfined emissions of particulate matter in accordance with the provision in Section 17-2.610(3), F.A.C. These provisions are applicable to any source, including, but not limited to, vehicular movement, transportation of materials, construction, alterations, demolition of wrecking, or industrial related activities such as loading, unloading, storing and handling. (DER # 74) Reasonable precautions shall include but not be limited to installing belt cleaners and covers on conveyors #7, #8 and #9, discontinuing the loading of railcars with payloaders, and using dust suppressants on the product should product be unloaded by payloaders from building #4 to the other storage buildings.
10. An application for 6 operating permits shall be submitted to the Environmental Protection Commission of Hillsborough County within 45 days of completion of compliance testing or at least 60 days prior to the expiration date of this permit, whichever occurs first.
11. An Operation and Maintenance (O and M) plan shall be developed in accordance with the requirements of Section 17-2.650(2)(d) and (g), F.A.C. The O and M plan shall be submitted along with the operating permit applications.



FACILITY ID: 40HIL290008

FACILITY INFORMATION RECORD

\*\*\*\*\* FACILITY INFORMATION \*\*\*\*\*

STATUS: A = ACTIVE      DATE OF PERMANENT SHUTDOWN: .. / .. / ..      # OF SRC: 03  
OWNER: GARDINIER      OWNER CODE: P = PRIVATE  
NAME/LOC: US HWY 44      ZIP CODE: 33604  
CITY: GIBSONTON      CITY CODE: .....      MAJOR FAC: Y (Y OR N)  
TYPE: 99 = OTHER      TABLE 500-1: . (Y OR N)  
UTM ZONE: 17    EAST: 362 . 9 (KM)    NORTH: 3082 . 2 (KM)  
LATITUDE: 27 : 54 : 28      LONGITUDE: 82 : 23 : 15  
CDS: 1 = A1A    VDC: 0 = NOT      FINAL COMPLIANCE DATE: ../../..  
COMMENT: PHOSPHATE FERTILIZER MANUFACTURNG STORAGE AND SHIPPI

\*\*\*\*\* OWNER/AUTHORIZED REPRESENTATIVE INFORMATION \*\*\*\*\*

NAME: R. J. CABINA      (LAST NAME FIRST)  
ORG/FIRM: .....  
ADDRESS: P O BOX 3269      CITY: TAMPA  
STATE: FL ZIP CODE: 33604 - .....      PHONE: ( ... ) ... - .....  
CONTACT: .....      PHONE: ( ... ) ... - .....

FACILITY SOURCE ID: 40HIL29000851

SOURCE INFORMATION RECORD

\*\*\*\*\* CONSTRUCTION PERMIT/PPS INFORMATION \*\*\*\*\*

PERMIT #: ..... - ..... PPS #: ..... FEE PAID: ..... (PERMIT ONLY)  
DATE ISSUED: .. / .. / .. DATE EXPIRES: .. / .. / ..  
APP COMPLETE: .. / .. / ..

\*\*\*\*\* OPERATION PERMIT INFORMATION \*\*\*\*\*

PERMIT #: A029 - -68996 FEE PAID: ..... ADR REQUIRED: . (Y OR N)  
DATE ISSUED: 11 / 04 / 83 DATE EXPIRES: 10 / 04 / 88

\*\*\*\*\* SOURCE DESCRIPTION/TRACKING INFORMATION \*\*\*\*\*

DESCRIPTION: WEST BAG FILTER-WILL CONTROL EMISSIONS FROM BELT#9 TO SURGE  
STATUS: A = ACTIVE # OF SCC: 001 # OF POLLUTANT: 002 MAJOR SRC: . (Y OR N)  
INITIAL CONSTRUCTION DATE: .. / .. / .. TYPE: .. = .....  
SIC: 2874 = PHOSPHATIC FERTILIZERS  
NSPS: ... NESHAP: ... 111D: ... PSD: ... NAA/NSR: ... RACT: PM  
COMMENT: BIN, SURGE BIN TO WEIGH HOPPER, WH TO 25 TON SURGE HOPPER, 25  
TON SURGE HOPPER TO SHIPLOADER CONVEYOR, & HOPPER TO RAILCAR.  
START UP DATE: .. / .. / .. SHUT DOWN DATE: .. / .. / ..

SOURCE SCHEDULE/RATE RECORD

\*\*\*\*\* OPERATING SCHEDULE INFORMATION \*\*\*\*\*

TYPICAL OPERATING SCHEDULE: 15 (HR/DAY) 5 (DAY/WK) 52 (WK/YR)  
TYPICAL % OPERATING BY SEASON: 25 (DJF) 25 (MAM) 25 (JJA) 25 (SON)  
PERMITTED OPERATING SCHEDULE: 15 (HR/DAY) 5 (DAY/WK) 52 (WK/YR) 4000 (HR/YR)  
ADR YR: 86 OPERATING SCHEDULE: 05 (HR/DAY) 7 (DAY/WK) 52 (WK/YR) 1820 (HR/YR)

\*\*\*\*\* OPERATING RATE INFORMATION \*\*\*\*\*

MAX PROCESS RATE: 0000750 UNITS: TPH  
MAX PRODUCTION RATE: ..... UNITS: OTHER

SOURCE EMISSION POINT RECORD

\*\*\*\*\* EMISSION POINT INFORMATION \*\*\*\*\*

EMISSION POINT TYPE: 1 = SINGLE POINT  
STACK HEIGHT: 030 (FT) EXIT DIA: 03 . 5 (FT) EXIT TEMP: 0078 (F)  
ACTUAL VOLUME FLOW RATE: 0025000 (ACFM) DRY STANDARD FLOW RATE: 0025000 (DSCFM)  
EXIT VEL: 0043 (FT/SEC) NONSTK EMIS HT: 0000 (FT) BLDG HT: .... WD: .... (FT)  
POINT UTM: EAST: ... . .. (KM) NORTH: ... . .. (KM) GEP STK HT: ... (FT)  
COMMENT: FLEX KLEEN BAGHOUSE EXHAUST. ALSO KNOWN AS WEST BAG FILTER.

\*\*\*\*\* CONTROL EQUIPMENT INFORMATION \*\*\*\*\*

CONTROL A: FLEX KLEEN MODEL 100-WM-510 TR-10 BAGHOUSE.  
CONTROL B: .....  
CAPITAL COST: A \$ ..... B \$ ..... TOTAL OPER COST \$ ..... ADR YR: 8



FACILITY SOURCE ID: 40HIL29000851

SOURCE SCC RECORD

SCC #: 3-05-105-97 = LOADING FERTILIZER SPECIFY  
UNITS: TONP = TONS PROCESSED MAX HOURLY RATE: \*\*\*\* . \*\*\* ANNUAL LIMIT: 115440  
ESTIMATE ANNUAL RATE: \*\*\*\*\* ZS: . . . . %ASH: . . . . MMBTU: . . . .  
ACTUAL AOR YR: 86 ANNUAL RATE: \*\*\*\*\* ZS: . . . . %ASH: . . . . MMBTU: . . . .  
COMMENTS: FERTILIZER LOADING--TONS PROCESSED

SOURCE POLLUTANT RECORD

\*\*\*\*\* POLLUTANT/CONTROL INFORMATION \*\*\*\*\*  
POLLUTANT ID: PM = PARTICULATE MATTER % EFF: 99 .  
PRI: 018 = FABRIC FILTER LOW TEMP SEC: . . . = . . . . .

\*\*\*\*\* EMISSION INFORMATION \*\*\*\*\*  
POTENTIAL EMISSION: 00000 . 6200 (LB/HR) 000001 . 2400 (TON/YR)  
ESTIMATED EMISSION: 000001 . 0000 (TON/YR) EST CODE: \*  
ACTUAL EMISSION: 000004 . 1300 (TON/YR) AOR CODE: \* AOR YR: 86  
ALLOWABLE EMISSION: 00004 . 8900 (LB/HR) 000021 . 0000 (TON/YR)  
ALLOWABLE EMISSION: 00000 . 0200000 (GRAINS/DSCF ) OTHER UNIT  
REGULATION CODE: RACT = REASON AVAILB CONTROL TCH CEM?: . (Y OR N)  
TEST FREQUENCY: 0 = NONE REQUIRED FREQUENCY BASE DATE: . . / . . / .  
COMMENT: 650

SOURCE VE/TEST RECORDS

\*\*\*\*\* VE INFORMATION \*\*\*\*\*  
POLLUTANT ID: VE = VISIBLE EMISSIONS  
ALLOW % OPACITY: NORMAL: 005 EXCEPT: . . . TIME: . . . (MIN)  
REG CODE: RACT = REASON AVAILB CONTROL TCH CEM ? N (Y OR N)  
TEST FREQ: 6 = EVERY 6 MONTHS FREQ BASE DATE: 12 / 30 / 86

\*\*\*\*\* TEST INFORMATION \*\*\*\*\*  
CURRENT TEST DATE: 06 / 04 / 86 NEXT TEST DATE: 12 / 30 / 86  
OBSERVER NAME: 3  
TEST LENGTH: 030 (MIN) TEST PASS ? . (Y OR N)  
TEST % OPACITY: NORMAL: . . . EXCEPT: . . . TIME: . . . (MIN)  
COMMENTS: 650

.....  
.....

OPTIONS SELECTED FOR THE MASTER DETAIL REPORT -- AIRFO9 - 08/25/87

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*****
**
**          DISTRICT: 40          **
**          OFFICE:  HIL         **
**          COUNTY:  29         **
**          FACILITY NUMBER: 0008 **
**          FACILITY TYPE:      **
**          SOURCE NUMBER: 56    **
**          SIC:                **
**          BEGINNING SCC:      **
**          ENDING SCC:         **
**
*****

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FACILITY ID: 40HIL290008

FACILITY INFORMATION RECORD

\*\*\*\*\* FACILITY INFORMATION \*\*\*\*\*

STATUS: A = ACTIVE      DATE OF PERMANENT SHUTDOWN: .. / .. / ..      # OF SRC: C  
OWNER: GARDINIER      OWNER CODE: P = PRIVATE  
NAME/LOC: US HWY 41      ZIP CODE: 33604  
CITY: GIBSONTON      CITY CODE: .....      MAJOR FAC: Y (Y OR N)  
TYPE: 99 = OTHER      TABLE 500-1: . (Y OR N)  
UTM ZONE: 17    EAST: 362 . 9 (KM)    NORTH: 3082 . 2 (KM)  
LATITUDE: 27 : 51 : 28      LONGITUDE: 82 : 23 : 15  
CDS: 1 = A1A    VOC: 0 = NOT      FINAL COMPLIANCE DATE: .. / .. / ..  
COMMENT: PHOSPHATE FERTILIZER MANUFACTURING STORAGE AND SHIPPI

\*\*\*\*\* OWNER/AUTHORIZED REPRESENTATIVE INFORMATION \*\*\*\*\*

NAME: R. J. CABINA      (LAST NAME FIRST)  
ORG/FIRM: .....  
ADDRESS: P O BOX 3269      CITY: TAMPA  
STATE: FL ZIP CODE: 33604 - .....      PHONE: ( ... ) ... - .....  
CONTACT: .....      PHONE: ( ... ) ... - .....

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COUNTY: HILLSBOROUGH

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MASTER DETAIL REPORT

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FACILITY SOURCE ID: 40HIL29000956

SOURCE INFORMATION RECORD

\*\*\*\*\* CONSTRUCTION PERMIT/PPS INFORMATION \*\*\*\*\*

PERMIT #: ..... - ..... PPS #: ..... FEE PAID: ..... (PERMIT ONL  
DATE ISSUED: .. / .. / .. DATE EXPIRES: .. / .. / ..  
APP COMPLETE: .. / .. / ..

\*\*\*\*\* OPERATION PERMIT INFORMATION \*\*\*\*\*

PERMIT #: ..... - ..... FEE PAID: ..... AOR REQUIRED: . CY OR  
DATE ISSUED: .. / .. / .. DATE EXPIRES: .. / .. / ..

\*\*\*\*\* SOURCE DESCRIPTION/TRACKING INFORMATION \*\*\*\*\*

DESCRIPTION: BUILDING #2 BELT TO CONVEYOR #7 TRANSFER POINT W/ BAGHOUSE.  
STATUS: A = ACTIVE # OF SCC: 004 # OF POLLUTANT: 002 MAJOR SRC: Y (CY OR  
INITIAL CONSTRUCTION DATE: 10 / 04 / 87 TYPE: IO = \*\*\*\*\*  
SIC: 2874 = PHOSPHATIC FERTILIZERS  
NSPS: ... NESHAP: ... 111D: ... PSD: ... NAA/NSR: ... RACT: ...  
COMMENT: TRANSFER POINT CONTROLLED BY A 3630 ACFM FULLER CO. BAGHOUSE  
START UP DATE: .. / .. / .. SHUT DOWN DATE: .. / .. / ..

SOURCE SCHEDULE/RATE RECORD

\*\*\*\*\* OPERATING SCHEDULE INFORMATION \*\*\*\*\*

TYPICAL OPERATING SCHEDULE: 15 (HR/DAY) 5 (DAY/WK) 52 (WK/YR)  
TYPICAL % OPERATING BY SEASON: .. (DJF) .. (MAM) .. (JJA) .. (SON)  
PERMITTED OPERATING SCHEDULE: 15 (HR/DAY) 5 (DAY/WK) 52 (WK/YR) 4000 (CHR/YR)  
AOR YR: .. OPERATING SCHEDULE: .. (HR/DAY) . (DAY/WK) .. (WK/YR) ..... (CHR/YR)

\*\*\*\*\* OPERATING RATE INFORMATION \*\*\*\*\*

MAX PROCESS RATE: 0000750 UNITS: TPH TRANSFERATE  
MAX PRODUCTION RATE: ..... UNITS: .....

SOURCE EMISSION POINT RECORD

\*\*\*\*\* EMISSION POINT INFORMATION \*\*\*\*\*

EMISSION POINT TYPE: 1 = SINGLE POINT  
STACK HEIGHT: 020 (FT) EXIT DIA: 04 . 2 (FT) EXIT TEMP: 0078 (F)  
ACTUAL VOLUME FLOW RATE: 0003630 (ACFM) DRY STANDARD FLOW RATE: 0003630 (DSCF)  
EXIT VEL: 0053 (FT/SEC) NONSTK EMIS HT: 0000 (FT) BLDG HT: ..... WD: ..... (F)  
POINT UTM: EAST: ... . .. (KM) NORTH: ..... . .. (KM) GEP STK HT: ... (F)  
COMMENT: FULLER CO. MODEL 64DS 8 BAGHOUSE CONTROLS TRANSFER POINT.

\*\*\*\*\* CONTROL EQUIPMENT INFORMATION \*\*\*\*\*

CONTROL A: BAGHOUSE  
CONTROL B: .....  
CAPITAL COST: A \$ ..... B \$ ..... TOTAL OPER COST \$ ..... AOR YR:

FACILITY SOURCE ID: 40HIL29000856

SOURCE SCC RECORD

SCC #: 3-05-101-97 = BULK CONVEYOR FERTILIZER SPECIFY  
UNITS: TONP = TONS PROCESSED MAX HOURLY RATE: \*\*\*\* . \*\*\* ANNUAL LIMIT: 30000  
ESTIMATE ANNUAL RATE: ..... %S: . . . . %ASH: . . . . MMBTU: ...  
ACTUAL AOR YR: .. ANNUAL RATE: ..... %S: . . . . %ASH: . . . . MMBTU: ...  
COMMENTS: TONS OF PHOSPHATE PRODUCTS LEAVING BUILDING #2.

SOURCE POLLUTANT RECORD

\*\*\*\*\* POLLUTANT/CONTROL INFORMATION \*\*\*\*\*

POLLUTANT ID: PM = PARTICULATE MATTER % EFF: 99  
PRI: 018 = FABRIC FILTER LOW TEMP SEC: ... = .....

\*\*\*\*\* EMISSION INFORMATION \*\*\*\*\*

POTENTIAL EMISSION: 00000 . 6200 (LB/HR) 000004 . 2400 (TON/YR)  
ESTIMATED EMISSION: 000000 . 3000 (TON/YR) EST CODE: \*  
ACTUAL EMISSION: ..... = ..... (TON/YR) AOR CODE: . AOR YR: ..  
ALLOWABLE EMISSION: 00000 . 6200 (LB/HR) 000004 . 2400 (TON/YR)  
ALLOWABLE EMISSION: 00000 . 020000 (GRAINS/DSCF ) OTHER UNIT  
REGULATION CODE: RACT = REASON AVAILB CONTROL TCH CEM?: N (Y OR N)  
TEST FREQUENCY: 0 = NONE REQUIRED FREQUENCY BASE DATE: .. / .. /  
COMMENT: MINOR SOURCE EQUIPPED W/ BAGHOUSE. EXEMPT FROM PM TESTING.

SOURCE VE/TEST RECORDS

\*\*\*\*\* VE INFORMATION \*\*\*\*\*

POLLUTANT ID: VE = VISIBLE EMISSIONS  
ALLOW % OPACITY: NORMAL: 005 EXCEPT: ... TIME: ... (MIN)  
REG CODE: RACT = REASON AVAILB CONTROL TCH CEM ? N (Y OR N)  
TEST FREQ: 1 = ANNUALLY FREQ BASE DATE: 10 / 30 / 87

OPTIONS SELECTED FOR THE MASTER DETAIL REPORT -- AIRFO9 - 08/26/87

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*****
**
**          DISTRICT:  40          **
**          OFFICE:   HIL         **
**          COUNTY:   29         **
**          FACILITY NUMBER: 0008 **
**          FACILITY TYPE:         **
**          SOURCE NUMBER:  57    **
**          SIC:         **
**          BEGINNING SCC:         **
**          ENDING SCC:         **
**
*****

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FACILITY ID: 40HIL290008

FACILITY INFORMATION RECORD

\*\*\*\*\* FACILITY INFORMATION \*\*\*\*\*

STATUS: A = ACTIVE      DATE OF PERMANENT SHUTDOWN: .. / .. / ..      # OF SRC: 03  
OWNER: GARDINIER      OWNER CODE: P = PRIVATE  
NAME/LOC: US HWY 41      ZIP CODE: 33604  
CITY: GIBSONTON      CITY CODE: ....      MAJOR FAC: Y (Y OR N)  
TYPE: 99 = OTHER      TABLE 500-1: . (Y OR N)  
UTM ZONE: 17    EAST: 362 . 9 (KM)    NORTH: 3082 . 2 (KM)  
LATITUDE: 27 : 51 : 28    LONGITUDE: 82 : 23 : 15  
CDS: 1 = A1A    VDC: 0 = NOT    FINAL COMPLIANCE DATE: ../..../..  
COMMENT: PHOSPHATE FERTILIZER MANUFACTURNG STORAGE AND SHIPPI

\*\*\*\*\* OWNER/AUTHORIZED REPRESENTATIVE INFORMATION \*\*\*\*\*

NAME: R. J. CABINA      (LAST NAME FIRST)  
ORG/FIRM: .....  
ADDRESS: P O BOX 3269      CITY: TAMPA  
STATE: FL ZIP CODE: 33604 - .....      PHONE: ( ... ) ... - .....  
CONTACT: .....      PHONE: ( ... ) ... - .....

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DISTRICT: SOUTHWEST  
COUNTY: HILLSBOROUGH

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FACILITY SOURCE ID: 40HIL29000857

SOURCE INFORMATION RECORD

\*\*\*\*\* CONSTRUCTION PERMIT/PPS INFORMATION \*\*\*\*\*

PERMIT #: ..... - ..... PPS #: ..... FEE PAID: ..... (PERMIT ONLY)  
DATE ISSUED: .. / .. / .. DATE EXPIRES: .. / .. / ..  
APP COMPLETE: .. / .. / ..

\*\*\*\*\* OPERATION PERMIT INFORMATION \*\*\*\*\*

PERMIT #: ..... - ..... FEE PAID: ..... AOR REQUIRED: . (Y OR N)  
DATE ISSUED: .. / .. / .. DATE EXPIRES: .. / .. / ..

\*\*\*\*\* SOURCE DESCRIPTION/TRACKING INFORMATION \*\*\*\*\*

DESCRIPTION: BUILDING #5 BELT TO CONVEYOR #7 TRANSFER POINT W/ BAGHOUSE.  
STATUS: C = CONSTRCT # OF SCC: 001 # OF POLLUTANT: 002 MAJOR SRC: N (Y OR N)  
INITIAL CONSTRUCTION DATE: 10 / 01 / 87 TYPE: IO = \*\*\*\*\*  
SIC: 2874 = PHOSPHATIC FERTILIZERS  
NSPS: ... NESHAP: ... 111D: ... PSD: ... NAA/NSR: ... RACT: ...  
COMMENT: .....  
START UP DATE: .. / .. / .. SHUT DOWN DATE: .. / .. / ..

SOURCE SCHEDULE/RATE RECORD

\*\*\*\*\* OPERATING SCHEDULE INFORMATION \*\*\*\*\*

TYPICAL OPERATING SCHEDULE: .. (HR/DAY) . (DAY/WK) .. (WK/YR)  
TYPICAL % OPERATING BY SEASON: .. (DJF) .. (MAM) .. (JJA) .. (SON)  
PERMITTED OPERATING SCHEDULE: .. (HR/DAY) . (DAY/WK) .. (WK/YR) ..... (HR/YR)  
AOR YR: .. OPERATING SCHEDULE: .. (HR/DAY) . (DAY/WK) .. (WK/YR) ..... (HR/YR)

\*\*\*\*\* OPERATING RATE INFORMATION \*\*\*\*\*

MAX PROCESS RATE: ..... UNITS: .....  
MAX PRODUCTION RATE: ..... UNITS: .....

SOURCE EMISSION POINT RECORD

\*\*\*\*\* EMISSION POINT INFORMATION \*\*\*\*\*

EMISSION POINT TYPE: . = .....  
STACK HEIGHT: ... (FT) EXIT DIA: .. . (FT) EXIT TEMP: ..... (F)  
ACTUAL VOLUME FLOW RATE: ..... (ACFM) DRY STANDARD FLOW RATE: ..... (DSCFM)  
EXIT VEL: ..... (FT/SEC) NONSTK EMIS HT: 0000 (FT) BLDG HT: ..... WD: ..... (FT)  
POINT UTM: EAST: ... . (KM) NORTH: ... . (KM) GEP STK HT: ... (FT)  
COMMENT: .....

\*\*\*\*\* CONTROL EQUIPMENT INFORMATION \*\*\*\*\*

CONTROL A: .....  
CONTROL B: .....  
CAPITAL COST: A \$ ..... B \$ ..... TOTAL OPER COST \$ ..... AOR YR: ..



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DISTRICT: SOUTHWEST  
COUNTY: HILLSBOROUGH

DEPARTMENT OF ENVIRONMENTAL REGULATION  
AIR POLLUTANT INFORMATION SYSTEM  
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FACILITY SOURCE ID: 40HIL29000857

SOURCE SCC RECORD

SCC #: 3-05-104-97 = BULK CONVEYOR FERTILIZER SPECIFY  
UNITS: TONP = TONS PROCESSED MAX HOURLY RATE: \*\*\*\* . \*\*\* ANNUAL LIMIT: 300000  
ESTIMATE ANNUAL RATE: ..... %S: . . . . %ASH: . . . . MMBTU: .....  
ACTUAL AOR YR: .. ANNUAL RATE: ..... %S: . . . . %ASH: . . . . MMBTU: .....  
COMMENTS: BULK MATERIAL CONVEYING OF PHOSPHATE PRODUCTS.

SOURCE POLLUTANT RECORD

\*\*\*\*\* POLLUTANT/CONTROL INFORMATION \*\*\*\*\*

POLLUTANT ID: PM = PARTICULATE MATTER % EFF: .. .  
PRI: 048 = FABRIC FILTER LOW TEMP SEC: ... = .....

\*\*\*\*\* EMISSION INFORMATION \*\*\*\*\*

POTENTIAL EMISSION: 00000 . 6200 (LB/HR) 000004 . 2400 (TON/YR)  
ESTIMATED EMISSION: 000000 . 3000 (TON/YR) EST CODE: \*  
ACTUAL EMISSION: ..... . .... (TON/YR) AOR CODE: . AOR YR: ..  
ALLOWABLE EMISSION: 00000 . 6200 (LB/HR) 000004 . 2400 (TON/YR)  
ALLOWABLE EMISSION: 00000 . 020000 (GR/DSCF ) OTHER UNIT  
REGULATION CODE: RACT = REASON AVAILB CONTROL TCH CEM?: N (Y OR N)  
TEST FREQUENCY: 0 = NONE REQUIRED FREQUENCY BASE DATE: .. / .. / ..  
COMMENT: MINOR SOURCE EQUIPPED WITH A BAGHOUSE=EXEMPT FROM STACK TEST

SOURCE VE/TEST RECORDS

\*\*\*\*\* VE INFORMATION \*\*\*\*\*

POLLUTANT ID: VE = VISIBLE EMISSIONS  
ALLOW % OPACITY: NORMAL: 005 EXCEPT: ... TIME: ... (MIN)  
REG CODE: RACT = REASON AVAILB CONTROL TCH CEM ? N (Y OR N)  
TEST FREQ: 1 = ANNUALLY FREQ BASE DATE: 10 / 30 / 87

OPTIONS SELECTED FOR THE MASTER DETAIL REPORT -- AIRF09 - 08/25/87

```
*****  
**  
**          DISTRICT:  40          **  
**          OFFICE:   HIL          **  
**          COUNTY:   29          **  
**          FACILITY NUMBER: 0008  **  
**          FACILITY TYPE:          **  
**          SOURCE NUMBER: 58      **  
**          SIC:          **  
**          BEGINNING SCC:          **  
**          ENDING SCC:          **  
**  
*****
```

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RUN DATE 08/25/87  
DISTRICT: SOUTHWEST  
COUNTY: HILLSBOROUGH

DEPARTMENT OF ENVIRONMENTAL REGULATION  
AIR POLLUTANT INFORMATION SYSTEM  
MASTER DETAIL REPORT

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FILE AIRP

FACILITY ID: 40HIL290008

FACILITY INFORMATION RECORD

\*\*\*\*\* FACILITY INFORMATION \*\*\*\*\*

STATUS: A = ACTIVE	DATE OF PERMANENT SHUTDOWN: .. / .. / ..	# OF SRC: 0
OWNER: GARDINIER	OWNER CODE: P = PRIVATE	
NAME/LOC: US HWY 44	ZIP CODE: 33604	
CITY: GIBSONTON	CITY CODE: .....	MAJOR FAC: Y (Y OR N)
TYPE: 99 = OTHER	TABLE 500-1: .. (Y OR N)	
UTM ZONE: 17	EAST: 362 . 9 (KM)	NORTH: 3082 . 2 (KM)
LATITUDE: 27 : 54 : 28	LONGITUDE: 82 : 23 : 45	
CDS: 1 = A1A	VOC: 0 = NOT	FINAL COMPLIANCE DATE: ../..../..
COMMENT: PHOSPHATE FERTILIZER MANUFACTURING STORAGE AND SHIPPI		

\*\*\*\*\* OWNER/AUTHORIZED REPRESENTATIVE INFORMATION \*\*\*\*\*

NAME: R. J. CABINA	(LAST NAME FIRST)
ORG/FIRM: .....	
ADDRESS: P O BOX 3269	CITY: TAMPA
STATE: FL ZIP CODE: 33604 - .....	PHONE: ( ... ) ... - .....
CONTACT: .....	PHONE: ( ... ) ... - .....

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RUN DATE 08/25/87  
DISTRICT: SOUTHWEST  
COUNTY: HILLSBOROUGH

DEPARTMENT OF ENVIRONMENTAL REGULATION  
AIR POLLUTANT INFORMATION SYSTEM  
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FILE A

FACILITY SOURCE ID: 40HIL29000858

SOURCE INFORMATION RECORD

\*\*\*\*\* CONSTRUCTION PERMIT/PPS INFORMATION \*\*\*\*\*

PERMIT #: ..... PPS #: ..... FEE PAID: ..... (PERMIT  
DATE ISSUED: .. / .. / .. DATE EXPIRES: .. / .. / ..  
APP COMPLETE: .. / .. / ..

\*\*\*\*\* OPERATION PERMIT INFORMATION \*\*\*\*\*

PERMIT #: ..... FEE PAID: ..... AOR REQUIRED: . (Y  
DATE ISSUED: .. / .. / .. DATE EXPIRES: .. / .. / ..

\*\*\*\*\* SOURCE DESCRIPTION/TRACKING INFORMATION \*\*\*\*\*

DESCRIPTION: BUILDING #6 BELT TO CONVEYOR #7 TRANSFER POINT W/ BAGHOUSE.  
STATUS: C = CONSTRCT # OF SCC: 001 # OF POLLUTANT: 002 MAJOR SRC: N (Y  
INITIAL CONSTRUCTION DATE: 10 / 01 / 87 TYPE: IO = \*\*\*\*\*  
SIC: 2874 = PHOSPHATIC FERTILIZERS  
NSPS: ... NESHAP: ... 111D: ... PSD: ... NAA/NSR: ... RACT:  
COMMENT: .....  
START UP DATE: .. / .. / .. SHUT DOWN DATE: .. / .. / ..

SOURCE SCHEDULE/RATE RECORD

\*\*\*\*\* OPERATING SCHEDULE INFORMATION \*\*\*\*\*

TYPICAL OPERATING SCHEDULE: 15 (HR/DAY) 5 (DAY/WK) 52 (WK/YR)  
TYPICAL % OPERATING BY SEASON: .. (DJF) .. (MAM) .. (JJA) .. (SON)  
PERMITTED OPERATING SCHEDULE: 15 (HR/DAY) 5 (DAY/WK) 52 (WK/YR) 4000 (HR/  
AOR YR: .. OPERATING SCHEDULE: .. (HR/DAY) . (DAY/WK) .. (WK/YR) .... (HR/

\*\*\*\*\* OPERATING RATE INFORMATION \*\*\*\*\*

MAX PROCESS RATE: 0000750 UNITS: TPH TRANSFERATE  
MAX PRODUCTION RATE: ..... UNITS: .....

SOURCE EMISSION POINT RECORD

\*\*\*\*\* EMISSION POINT INFORMATION \*\*\*\*\*

EMISSION POINT TYPE: 1 = SINGLE POINT  
STACK HEIGHT: 030 (FT) EXIT DIA: 01 . 2 (FT) EXIT TEMP: 0078  
ACTUAL VOLUME FLOW RATE: 0003630 (ACFM) DRY STANDARD FLOW RATE: 0003630 (D  
EXIT VEL: 0053 (FT/SEC) NONSTK EMIS HT: 0000 (FT) BLDG HT: .... WD: ....  
POINT UTM: EAST: ... . .. (KM) NORTH: ... . .. (KM) GEP STK HT: ...  
COMMENT: EMISSION POINT IS A BAGHOUSE EXHAUST.

\*\*\*\*\* CONTROL EQUIPMENT INFORMATION \*\*\*\*\*

CONTROL A: BAGHOUSE IS A FULLER CO. MODEL 64DS 8 BAGHOUSE.  
CONTROL B: .....  
CAPITAL COST: A \$ ..... B \$ ..... TOTAL OPER COST \$ ..... AOR YR

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DISTRICT:SOUTHWEST  
COUNTY:HILLSBOROUGH

DEPARTMENT OF ENVIRONMENTAL REGULATION  
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MASTER DETAIL REPORT

PAGE  
FILE AIR

FACILITY SOURCE ID: 40HIL29000858

SOURCE SCC RECORD

SCC #: 3-05-101-97 = BULK CONVEYOR FERTILIZER SPECIFY  
UNITS: TONP = TONS PROCESSED MAX HOURLY RATE: \*\*\*\* . \*\*\* ANNUAL LIMIT: 30000  
ESTIMATE ANNUAL RATE: ..... %S: . . . . %ASH: . . . . MMBTU: ...  
ACTUAL AOR YR: .. ANNUAL RATE: ..... %S: . . . . %ASH: . . . . MMBTU: ...  
COMMENTS: TONS OF PHOSPHATE PRODUCTS LEAVING BUILDING #6.

SOURCE POLLUTANT RECORD

\*\*\*\*\* POLLUTANT/CONTROL INFORMATION \*\*\*\*\*

POLLUTANT ID: PM = PARTICULATE MATTER % EFF: 99 .  
PRI: 018 = FABRIC FILTER LOW TEMP SEC: ... = .....

\*\*\*\*\* EMISSION INFORMATION \*\*\*\*\*

POTENTIAL EMISSION: 00000 . 6200 (LB/HR) 000004 . 2400 (TON/YR)  
ESTIMATED EMISSION: 000000 . 3000 (TON/YR) EST CODE: \*  
ACTUAL EMISSION: ..... . .... (TON/YR) AOR CODE: . AOR YR: ..  
ALLOWABLE EMISSION: 00000 . 6200 (LB/HR) 000004 . 2400 (TON/YR)  
ALLOWABLE EMISSION: 00000 . 0200000 (GR/DSCF) ] OTHER UNIT  
REGULATION CODE: RACT = REASON AVAILB CONTROL TCH CEM?: N (Y OR N)  
TEST FREQUENCY: 1 = ANNUALLY FREQUENCY BASE DATE: 10 / 30 /  
COMMENT: MINOR SOURCE EQUIPPED WITH A BAGHOUSE.

SOURCE VE/TEST RECORDS

\*\*\*\*\* VE INFORMATION \*\*\*\*\*

POLLUTANT ID: VE = VISIBLE EMISSIONS  
ALLOW % OPACITY: NORMAL: 005 EXCEPT: ... TIME: ... (MIN)  
REG CODE: RACT = REASON AVAILB CONTROL TCH CEM ? N (Y OR N)  
TEST FREQ: 1 = ANNUALLY FREQ BASE DATE: 10 / 30 / 87

OPTIONS SELECTED FOR THE MASTER DETAIL REPORT -- AIRF09 - 08/25/87

```

*****
**
**          DISTRICT:  40          **
**          OFFICE:   HIL         **
**          COUNTY:   29         **
**          FACILITY NUMBER: 0008 **
**          FACILITY TYPE:          **
**          SOURCE NUMBER:  59    **
**          SIC:          **
**          BEGINNING SCC:          **
**          ENDING SCC:          **
**
*****

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RUN DATE 08/25/87  
DISTRICT: SOUTHWEST  
COUNTY: HILLSBOROUGH

DEPARTMENT OF ENVIRONMENTAL REGULATION  
AIR POLLUTANT INFORMATION SYSTEM  
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FACILITY ID: 40HIL290008

FACILITY INFORMATION RECORD

\*\*\*\*\* FACILITY INFORMATION \*\*\*\*\*

STATUS: A = ACTIVE	DATE OF PERMANENT SHUTDOWN: .. / .. / ..	# OF SRC:
OWNER: GARDINIER	OWNER CODE: P = PRI	
NAME/LOC: US HWY 41	ZIP CODE: 33604	
CITY: GIBSONTON	CITY CODE: .....	MAJOR FAC: Y (Y OR
TYPE: 99 = OTHER	TABLE 500-1: . (Y OR	
UTM ZONE: 17	EAST: 362 . 9 (KM)	NORTH: 3082 . 2 (KM)
LATITUDE: 27 : 51 : 28	LONGITUDE: 82 : 23 : 45	
CDS: 1 = A1A	VOC: 0 = NOT	FINAL COMPLIANCE DATE: ../../..
COMMENT: PHOSPHATE FERTILIZER MANUFACTURNG STORAGE AND SHIPPI		

\*\*\*\*\* OWNER/AUTHORIZED REPRESENTATIVE INFORMATION \*\*\*\*\*

NAME: R. J. CABINA	(LAST NAME FIRST)
ORG/FIRM: .....	
ADDRESS: P O BOX 3269	CITY: TAMPA
STATE: FL ZIP CODE: 33604 - .....	PHONE: ( ... ) ... - .....
CONTACT: .....	PHONE: ( ... ) ... - .....

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RUN DATE 08/25/87  
DISTRICT: SOUTHWEST  
COUNTY: HILLSBOROUGH

DEPARTMENT OF ENVIRONMENTAL REGULATION  
AIR POLLUTANT INFORMATION SYSTEM  
MASTER DETAIL REPORT

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FILE A

FACILITY SOURCE ID: 40HIL29000859

SOURCE INFORMATION RECORD

\*\*\*\*\* CONSTRUCTION PERMIT/PPS INFORMATION \*\*\*\*\*

PERMIT #: ..... PPS #: ..... FEE PAID: ..... (PERMIT )  
DATE ISSUED: .. / .. / .. DATE EXPIRES: .. / .. / ..  
APP COMPLETE: .. / .. / ..

\*\*\*\*\* OPERATION PERMIT INFORMATION \*\*\*\*\*

PERMIT #: ..... FEE PAID: ..... ADR REQUIRED: . (Y  
DATE ISSUED: .. / .. / .. DATE EXPIRES: .. / .. / ..

\*\*\*\*\* SOURCE DESCRIPTION/TRACKING INFORMATION \*\*\*\*\*

DESCRIPTION: CONVEYOR #7 TO CONVEYOR #8 TRANSFER POINT WITH BAGHOUSE.  
STATUS: C = CONSTRCT # OF SCC: 001 # OF POLLUTANT: 002 MAJOR SRC: N (Y  
INITIAL CONSTRUCTION DATE: .. / .. / .. TYPE: IO = \*\*\*\*\*  
SIC: 2874 = PHOSPHATIC FERTILIZERS  
NSPS: ... NESHAP: ... 111D: ... PSD: ... NAA/NSR: ... RACT:  
COMMENT: .....  
START UP DATE: .. / .. / .. SHUT DOWN DATE: .. / .. / ..

SOURCE SCHEDULE/RATE RECORD

\*\*\*\*\* OPERATING SCHEDULE INFORMATION \*\*\*\*\*

TYPICAL OPERATING SCHEDULE: 15 (HR/DAY) 5 (DAY/WK) 52 (WK/YR)  
TYPICAL % OPERATING BY SEASON: .. (DJF) .. (MAM) .. (JJA) .. (SON)  
PERMITTED OPERATING SCHEDULE: 15 (HR/DAY) 5 (DAY/WK) 52 (WK/YR) 4000 (HR/Y  
ADR YR: .. OPERATING SCHEDULE: .. (HR/DAY) . (DAY/WK) .. (WK/YR) ..... (HR/Y

\*\*\*\*\* OPERATING RATE INFORMATION \*\*\*\*\*

MAX PROCESS RATE: 0000750 UNITS: TPH TRANSFERATE  
MAX PRODUCTION RATE: ..... UNITS: .....

SOURCE EMISSION POINT RECORD

\*\*\*\*\* EMISSION POINT INFORMATION \*\*\*\*\*

EMISSION POINT TYPE: 1 = SINGLE POINT  
STACK HEIGHT: 045 (FT) EXIT DIA: 04 . 2 (FT) EXIT TEMP: 0078  
ACTUAL VOLUME FLOW RATE: 0003630 (ACFM) DRY STANDARD FLOW RATE: 0003630 (DS  
EXIT VEL: 0053 (FT/SEC) NONSTK EMIS HT: 0000 (FT) BLDG HT: .... WD: ....  
POINT UTM: EAST: ... . .. (KM) NORTH: ... . .. (KM) GEP STK HT: ...  
COMMENT: EMISSION POINT IS A BAGHOUSE EXHAUST.

\*\*\*\*\* CONTROL EQUIPMENT INFORMATION \*\*\*\*\*

CONTROL A: FULLER COMPANY MODEL 64DS 8 BAGHOUSE.  
CONTROL B: .....  
CAPITAL COST: A \$ ..... B \$ ..... TOTAL OPER COST \$ ..... ADR YR



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RUN DATE 08/25/87  
DISTRICT: SOUTHWEST  
COUNTY: HILLSBOROUGH

DEPARTMENT OF ENVIRONMENTAL REGULATION  
AIR POLLUTANT INFORMATION SYSTEM  
MASTER DETAIL REPORT

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FILE A

FACILITY SOURCE ID: 40HIL29000859

SOURCE SCC RECORD

SCC #: 3-05-101-97 = BULK CONVEYOR FERTILIZER SPECIFY  
UNITS: TONP = TONS PROCESSED MAX HOURLY RATE: \*\*\*\* . \*\*\* ANNUAL LIMIT: 300  
ESTIMATE ANNUAL RATE: ..... %S: . . . . %ASH: . . . . MMBTU: .  
ACTUAL AOR YR: .. ANNUAL RATE: ..... %S: . . . . %ASH: . . . . MMBTU: .  
COMMENTS: TONS OF PHOSPHATE PRODUCTS TRANSFERRED FROM BELT #7 TO #8.

SOURCE POLLUTANT RECORD

\*\*\*\*\* POLLUTANT/CONTROL INFORMATION \*\*\*\*\*

POLLUTANT ID: PM = PARTICULATE MATTER % EFF: ..  
PRI: 018 = FABRIC FILTER LOW TEMP SEC: ... = .....

\*\*\*\*\* EMISSION INFORMATION \*\*\*\*\*

POTENTIAL EMISSION: 00000 . 6200 (LB/HR) 000001 . 2400 (TON/YR)  
ESTIMATED EMISSION: 000000 . 3000 (TON/YR) EST CODE: \*  
ACTUAL EMISSION: ..... . .... (TON/YR) AOR CODE: . AOR YR: ..  
ALLOWABLE EMISSION: 00000 . 6200 (LB/HR) 000001 . 2400 (TON/YR)  
ALLOWABLE EMISSION: 00000 . 030000 (GR/DSCF ) OTHER UNIT  
REGULATION CODE: RACT = REASON AVAILB CONTROL TCH CEM?: N (Y OR  
TEST FREQUENCY: 0 = NONE REQUIRED FREQUENCY BASE DATE: .. / ..  
COMMENT: MINOR SOURCE EQUIPPED W/ A BAGHOUSE. EXEMPT FROM STACK TE

SOURCE VE/TEST RECORDS

\*\*\*\*\* VE INFORMATION \*\*\*\*\*

POLLUTANT ID: VE = VISIBLE EMISSIONS  
ALLOW % OPACITY: NORMAL: 005 EXCEPT: ... TIME: ... (MIN)  
REG CODE: RACT = REASON AVAILB CONTROL TCH CEM ? N (Y OR N)  
TEST FREQ: 1 = ANNUALLY FREQ BASE DATE: 10 / 30 / 87

OPTIONS SELECTED FOR THE MASTER DETAIL REPORT --- AIRFO9 - 08/25/87

```

*****
**
**          DISTRICT:  40          **
**          OFFICE:   HIL         **
**          COUNTY:   29         **
**          FACILITY NUMBER: 0008 **
**          FACILITY TYPE:         **
**          SOURCE NUMBER:  60    **
**          SIC:         **
**          BEGINNING SCC:         **
**          ENDING SCC:         **
**
*****

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RUN DATE 08/25/87  
DISTRICT: SOUTHWEST  
COUNTY: HILLSBOROUGH

DEPARTMENT OF ENVIRONMENTAL REGULATION  
AIR POLLUTANT INFORMATION SYSTEM  
MASTER DETAIL REPORT

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FACILITY ID: 40HIL290008

FACILITY INFORMATION RECORD

\*\*\*\*\* FACILITY INFORMATION \*\*\*\*\*

STATUS: A = ACTIVE      DATE OF PERMANENT SHUTDOWN: .. / .. / ..      # OF SRC  
OWNER: GARDINIER      OWNER CODE: P = PRI  
NAME/LOC: US HWY 41      ZIP CODE: 33604  
CITY: GIBSONTON      CITY CODE: .....      MAJOR FAC: Y (Y OR  
TYPE: 99 = OTHER      TABLE 500-1: . (Y OR  
UTM ZONE: 17      EAST: 362 . 9 (KM)      NORTH: 3082 . 2 (KM)  
LATITUDE: 27 : 54 : 28      LONGITUDE: 82 : 23 : 15  
CDS: 1 = A1A      VDC: 0 = NOT      FINAL COMPLIANCE DATE: ../../..  
COMMENT: PHOSPHATE FERTILIZER MANUFACTURING STORAGE AND SHIPPI

\*\*\*\*\* OWNER/AUTHORIZED REPRESENTATIVE INFORMATION \*\*\*\*\*

NAME: R. J. CABINA      (LAST NAME FIRST)  
ORG/FIRM: .....  
ADDRESS: P O BOX 3269      CITY: TAMPA  
STATE: FL      ZIP CODE: 33604 - .....      PHONE: ( ... ) ... - .....  
CONTACT: .....      PHONE: ( ... ) ... - .....

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RUN DATE 08/25/87  
DISTRICT: SOUTHWEST  
COUNTY: HILLSBOROUGH

DEPARTMENT OF ENVIRONMENTAL REGULATION  
AIR POLLUTANT INFORMATION SYSTEM  
MASTER DETAIL REPORT

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FILE A

FACILITY SOURCE ID: 40HIL29000860

SOURCE INFORMATION RECORD

\*\*\*\*\* CONSTRUCTION PERMIT/PPS INFORMATION \*\*\*\*\*

PERMIT #: ..... - ..... PPS #: ..... FEE PAID: ..... (PERMIT )  
DATE ISSUED: .. / .. / .. DATE EXPIRES: .. / .. / ..  
APP COMPLETE: .. / .. / ..

\*\*\*\*\* OPERATION PERMIT INFORMATION \*\*\*\*\*

PERMIT #: ..... - ..... FEE PAID: ..... ADR REQUIRED: . (Y )  
DATE ISSUED: .. / .. / .. DATE EXPIRES: .. / .. / ..

\*\*\*\*\* SOURCE DESCRIPTION/TRACKING INFORMATION \*\*\*\*\*

DESCRIPTION: CONVEYOR #8 TO CONVEYOR #9 TRANSFER POINT WITH BAGHOUSE.  
STATUS: C = CONSTRCT # OF SCC: 004 # OF POLLUTANT: 002 MAJOR SRC: N (Y )  
INITIAL CONSTRUCTION DATE: .. / .. / .. TYPE: IO = \*\*\*\*\*  
SIC: 2874 = PHOSPHATIC FERTILIZERS  
NSPS: ... NESHAP: ... 414D: ... PSD: ... NAA/NSR: ... RACT: ...  
COMMENT: .....  
START UP DATE: .. / .. / .. SHUT DOWN DATE: .. / .. / ..

SOURCE SCHEDULE/RATE RECORD

\*\*\*\*\* OPERATING SCHEDULE INFORMATION \*\*\*\*\*

TYPICAL OPERATING SCHEDULE: 45 (HR/DAY) 5 (DAY/WK) 52 (WK/YR)  
TYPICAL % OPERATING BY SEASON: 25 (DJF) 25 (MAM) 25 (JJA) 25 (SON)  
PERMITTED OPERATING SCHEDULE: 45 (HR/DAY) 5 (DAY/WK) 52 (WK/YR) 4000 (HR/Y)  
ADR YR: .. OPERATING SCHEDULE: .. (HR/DAY) . (DAY/WK) .. (WK/YR) .... (HR/Y)

\*\*\*\*\* OPERATING RATE INFORMATION \*\*\*\*\*

MAX PROCESS RATE: 0000750 UNITS: TPH TRANSFERATE  
MAX PRODUCTION RATE: ..... UNITS: .....

SOURCE EMISSION POINT RECORD

\*\*\*\*\* EMISSION POINT INFORMATION \*\*\*\*\*

EMISSION POINT TYPE: 1 = SINGLE POINT  
STACK HEIGHT: 075 (FT) EXIT DIA: 04 . 9 (FT) EXIT TEMP: 0078  
ACTUAL VOLUME FLOW RATE: 0006930 (ACFM) DRY STANDARD FLOW RATE: 0006930 (DS)  
EXIT VEL: 0040 (FT/SEC) NONSTK EMIS HT: 0000 (FT) BLDG HT: .... WD: ....  
POINT UTM: EAST: ... . .. (KM) NORTH: .... . .. (KM) GEP STK HT: ...  
COMMENT: EMISSION POINT IS A BAGHOUSE.

\*\*\*\*\* CONTROL EQUIPMENT INFORMATION \*\*\*\*\*

CONTROL A: FULLER CO MODEL 12DS 8 BAGHOUSE.  
CONTROL B: .....  
CAPITAL COST: A \$ ..... B \$ ..... TOTAL OPER COST \$ ..... ADR YR

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RUN DATE 08/25/87  
DISTRICT: SOUTHWEST  
COUNTY: HILLSBOROUGH

DEPARTMENT OF ENVIRONMENTAL REGULATION  
AIR POLLUTANT INFORMATION SYSTEM  
MASTER DETAIL REPORT

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FILE A

FACILITY SOURCE ID: 40HIL29000860 DER

SEP 3 1987

SOURCE SCC RECORD

BAQM

SCC #: 3-05-101-97 = BULK CONVEYOR FERTILIZER SPECIFY  
UNITS: TONP = TONS PROCESSED MAX HOURLY RATE: \*\*\*\* . \*\*\* ANNUAL LIMIT: 30  
ESTIMATE ANNUAL RATE: ..... %S: . . . . ZASH: . . . . MMBTU:  
ACTUAL AOR YR: .. ANNUAL RATE: ..... %S: . . . . ZASH: . . . . MMBTU:  
COMMENTS: TRANSFER OF PHOSPHATE PRODUCTS FROM CONVEYOR #8 TO #9.

SOURCE POLLUTANT RECORD

\*\*\*\*\* POLLUTANT/CONTROL INFORMATION \*\*\*\*\*

POLLUTANT ID: PM = PARTICULATE MATTER % EFF: 9  
PRI: 018 = FABRIC FILTER LOW TEMP SEC: ... = .....

\*\*\*\*\* EMISSION INFORMATION \*\*\*\*\*

POTENTIAL EMISSION: 00004 . 1900 (LB/HR) 000002 . 3800 (TON/YR)  
ESTIMATED EMISSION: 000000 . 5000 (TON/YR) EST CODE: \*  
ACTUAL EMISSION: ..... . .... (TON/YR) AOR CODE: . AOR YR: ..  
ALLOWABLE EMISSION: 00004 . 1900 (LB/HR) 000002 . 3800 (TON/YR)  
ALLOWABLE EMISSION: 00000 . 020000 (GR/DSCF ) OTHER UNIT  
REGULATION CODE: RACT = REASON AVAILB CONTROL TCH CEM?: . (Y OR  
TEST FREQUENCY: 0 = NONE REQUIRED FREQUENCY BASE DATE: .. / ..  
COMMENT: MINOR SOURCE EQUIPPED WITH A BAGHOUSE. EXEMPT FROM STACK

SOURCE VE/TEST RECORDS

\*\*\*\*\* VE INFORMATION \*\*\*\*\*

POLLUTANT ID: VE = VISIBLE EMISSIONS  
ALLOW % OPACITY: NORMAL: 005 EXCEPT: ... TIME: ... (MIN)  
REG CODE: RACT = REASON AVAILB CONTROL TCH CEM ? N (Y OR N)  
TEST FREQ: 1 = ANNUALLY FREQ BASE DATE: 10 / 30 / 87