

To: IMC Agrico file AC 53-11-86-71

From: Martin Costello

Date: 12/26/96

RE: IMC Agrico NEW WATERS DAP II Plant
East and West DAP Trains
PSD-FL-114

AFTER researching the file and discussion with
Patty Adams, it was concluded that EPA
assigned a PSD-FL¹¹⁴ number to AC 53-118671.
For a period around 1980, DER issued
construction permits ~~with~~ numbers instead of
PSD numbers for PSD applicable projects. DER
assumed the state AC number was all that
was needed. IN this period EPA was
designating a PSD number for these AC
numbers which were PSD. Therefore
in some cases, an AC number permit is
a PSD permit.

**SUMMARY REPORT - GASEOUS AND OPACITY EXCESS EMISSION AND MONITORING
SYSTEM PERFORMANCE**

Pollutant - SO2

Reporting period dates: From : 07/01/96 to 09/30/96

IMC - AGRICO Company
Nichols Plant
5000 C.R. 676
P.O. Box 2000
Mulberry, FI 33860

Emission Limitation: 4 lbs/ton

Monitor Manufacturer and Model No.
Dupont No. 460

Date of Latest CMS Certification or Audit
9/30/91

Process Unit(s) Description:

SULFURIC ACID PLANT
AIRS# 1050057 UNIT ID# 005
PRMT# AO53-255206

Total source operating time in reporting
period: 5.00 Hrs.

Emission Data Summary

CMS Performance Summary

1. Duration of excess emissions in reporting period due to:

a. Startup/shutdown _____

b. Control equipment problems _____

c. Process problems _____

d. Other known causes _____

e. Unknown causes _____

2. Total duration of excess emission (E) _____

3. (E)x100/Total source operating time _____

1. CMS downtime in reporting period due to:

a. Monitor equipment malfunctions _____

b. Non-Monitor equipment malfunctions _____

c. Quality assurance calibration 0.00 Hrs.

d. Other known causes 0.00 Hrs.

e. Unknown causes _____

2. Total CMS Downtime (T) 0 Hrs.

3. (T)x100/Total source operating time 0.00%

On a separate page, describe any changes since last quarter in CMS, process or controls. I certify that the information contained in this report is true, accurate, and complete.

P.A. Steadham - Chief, Environmental Services - Concentrates



Date: 10/18/96

If the total duration of excess emissions is 1% or greater of the total operating time or the total CMS downtime is 5% or greater of the total operating time, both the summary report form and the excess emission report described in 40 CFR Part 60.7(c) shall be submitted.

**SUMMARY REPORT - GASEOUS AND OPACITY EXCESS EMISSION AND MONITORING
SYSTEM PERFORMANCE**

Pollutant - SO2

Reporting period dates: From : 07/01/96 TO 09/30/96

IMC - AGRICO Company
New Wales Plant
3095 C.R. 640 West
P.O. Box 2000
Mulberry, FL 33860

Emission Limitation: 4 lbs/ton

Monitor Manufacturer and Model No.
Dupont No. 460

Process Unit(s) Description:

Date of Latest CMS Certification or Audit
5/1/92

01 SULFURIC ACID PLANT
AIRS# 1050059 UNIT ID# 002
PRMT# AO53-204057

Total source operating time in reporting
period: 1847.52 Hrs.

Emission Data Summary

CMS Performance Summary

1. Duration of excess emissions in reporting period due to:

a. Startup/shutdown _____

b. Control equipment problems _____

c. Process problems _____

d. Other known causes _____

e. Unknown causes _____

2. Total duration of excess emission (E) _____

3. (E)x100/Total source operating time _____

1. CMS downtime in reporting period due to:

a. Monitor equipment malfunctions _____

b. Non-Monitor equipment malfunctions _____

c. Quality assurance calibration 6.41 Hrs.

d. Other known causes 2 Hrs.

e. Unknown causes _____

2. Total CMS Downtime (T) 8.41 Hrs.

3. (T)x100/Total source operating time 0.46%

On a separate page, describe any changes since last quarter in CMS, process or controls. I certify that the information contained in this report is true, accurate, and complete.

P.A. Steadham - Chief, Environmental Services - Concentrates

Phillip A Steadham

Date: 10/2/96

If the total duration of excess emissions is 1% or greater of the total operating time or the total CMS downtime is 5% or greater of the total operating time, both the summary report form and the excess emission report described in 40 CFR Part 60.7(c) shall be submitted.

**SUMMARY REPORT - GASEOUS AND OPACITY EXCESS EMISSION AND MONITORING
SYSTEM PERFORMANCE**

Pollutant - SO2

Reporting period dates: From : 07/01/96 TO 09/30/96

IMC - AGRICO Company
New Wales Plant
3095 C.R. 640 West
P.O. Box 2000
Mulberry, FL 33860

Emission Limitation: 4 lbs/ton

Monitor Manufacturer and Model No.
Dupont No. 460

Process Unit(s) Description:

Date of Latest CMS Certification or Audit
5/1/92

02 SULFURIC ACID PLANT
AIRS# 1050059 UNIT ID# 003
PRMT# AO53-204058

Total source operating time in reporting
period: 2187.43 Hrs.

Emission Data Summary

CMS Performance Summary

1. Duration of excess emissions in reporting period due to:

- a. Startup/shutdown _____
- b. Control equipment problems _____
- c. Process problems _____
- d. Other known causes _____
- e. Unknown causes _____

2. Total duration of excess emission (E) _____

3. (E)x100/Total source operating time _____

1. CMS downtime in reporting period due to:

- a. Monitor equipment malfunctions _____
- b. Non-Monitor equipment malfunctions _____
- c. Quality assurance calibration 7.59 Hrs.
- d. Other known causes _____
- e. Unknown causes _____

2. Total CMS Downtime (T) 7.59 Hrs.

3. (T)x100/Total source operating time 0.35%

On a separate page, describe any changes since last quarter in CMS, process or controls. I certify that the information contained in this report is true, accurate, and complete.

P.A. Steadham - Chief, Environmental Services - Concentrates

Phillip A. Steadham

Date: 10/18/96

If the total duration of excess emissions is 1% or greater of the total operating time or the total CMS downtime is 5% or greater of the total operating time, both the summary report form and the excess emission report described in 40 CFR Part 60.7(c) shall be submitted.

**SUMMARY REPORT - GASEOUS AND OPACITY EXCESS EMISSION AND MONITORING
SYSTEM PERFORMANCE**

Pollutant - SO2

Reporting period dates: From : 07/01/96 TO 09/30/96

IMC - AGRICO Company
New Wales Plant
C.R. 640 West
P.O. Box 2000
Mulberry, Fl 33860

Emission Limitation: 4 lbs/ton

Monitor Manufacturer and Model No.
Dupont No. 460

Process Unit(s) Description:

Date of Latest CMS Certification or Audit
5/1/92

03 SULFURIC ACID PLANT
AIRS# 1050059 UNIT ID# 004
PRMT# AO53-204059

Total source operating time in reporting
period: 1978.12 Hrs.

Emission Data Summary

CMS Performance Summary

1. Duration of excess emissions in reporting period due to:

a. Startup/shutdown _____

b. Control equipment problems _____

c. Process problems _____

d. Other known causes _____

e. Unknown causes _____

2. Total duration of excess emission (E) _____

3. (E)x100/Total source operating time _____

1. CMS downtime in reporting period due to:

a. Monitor equipment malfunctions _____

b. Non-Monitor equipment malfunctions _____

c. Quality assurance calibration 6.86 Hrs.

d. Other known causes _____

e. Unknown causes _____

2. Total CMS Downtime (T) 6.86 Hrs.

3. (T)x100/Total source operating time 0.35%

On a separate page, describe any changes since last quarter in CMS, process or controls. I certify that the information contained in this report is true, accurate, and complete.

P.A. Steadham - Chief, Environmental Services - Concentrates

Phillip A. Steadham

Date: 10/18/96

If the total duration of excess emissions is 1% or greater of the total operating time or the total CMS downtime is 5% or greater of the total operating time, both the summary report form and the excess emission report described in 40 CFR Part 60.7(c) shall be submitted.

**SUMMARY REPORT - GASEOUS AND OPACITY EXCESS EMISSION AND MONITORING
SYSTEM PERFORMANCE**

Pollutant - SO2

Reporting period dates: From : 07/01/96 TO 09/30/96

IMC - AGRICO Company
New Wales Plant
3095 C.R 640 West
P.O. Box 2000
Mulberry, FL 33860

Emission Limitation: 4 lbs/ton

Monitor Manufacturer and Model No.
Dupont No. 460

Process Unit(s) Description:

Date of Latest CMS Certification or Audit
5/1/92

04 SULFURIC ACID PLANT
AIRS# 1050059 UNIT ID# 042
PRMT# AO53-204060

Total source operating time in reporting
period: 2182.5 Hrs.

Emission Data Summary

CMS Performance Summary

1. Duration of excess emissions in reporting period due to:

a. Startup/shutdown _____

b. Control equipment problems _____

c. Process problems _____

d. Other known causes _____

e. Unknown causes _____

2. Total duration of excess emission (E) _____

3. (E)x100/Total source operating time _____

1. CMS downtime in reporting period due to:

a. Monitor equipment malfunctions _____

b. Non-Monitor equipment malfunctions _____

c. Quality assurance calibration 7.57 Hrs.

d. Other known causes _____

e. Unknown causes _____

2. Total CMS Downtime (T) 7.57 Hrs.

3. (T)x100/Total source operating time 0.35%

On a separate page, describe any changes since last quarter in CMS, process or controls. I certify that the information contained in this report is true, accurate, and complete.

P.A. Steadham - Chief, Environmental Services - Concentrates

Phillip A Steadham

Date: 10/13/96

If the total duration of excess emissions is 1% or greater of the total operating time or the total CMS downtime is 5% or greater of the total operating time, both the summary report form and the excess emission report described in 40 CFR Part 60.7(c) shall be submitted.

**SUMMARY REPORT - GASEOUS AND OPACITY EXCESS EMISSION AND MONITORING
SYSTEM PERFORMANCE**

Pollutant - SO2

Reporting period dates: From : 07/01/96 TO 09/30/96

IMC - AGRICO Company
New Wales Plant
3095 C.R. 640 West
P.O. Box 2000
Mulberry, Fl 33860

Emission Limitation: 4 lbs/ton

Monitor Manufacturer and Model No.
Dupont No. 460

Process Unit(s) Description:

Date of Latest CMS Certification or Audit
5/1/92

05 SULFURIC ACID PLANT
AIRS# 1050059 UNIT ID# 044
PRMT# AO53-204061

Total source operating time in reporting
period: 2108.16 Hrs.

Emission Data Summary

CMS Performance Summary

1. Duration of excess emissions in reporting period due to:
 - a. Startup/shutdown _____
 - b. Control equipment problems _____
 - c. Process problems _____
 - d. Other known causes _____
 - e. Unknown causes _____
2. Total duration of excess emission (E) _____
3. (E)x100/Total source operating time _____

1. CMS downtime in reporting period due to:
 - a. Monitor equipment malfunctions _____
 - b. Non-Monitor equipment malfunctions _____
 - c. Quality assurance calibration 7.56 Hrs.
 - d. Other known causes _____
 - e. Unknown causes _____
2. Total CMS Downtime (T) 7.56 Hrs.
3. (T)x100/Total source operating time 0.36%

On a separate page, describe any changes since last quarter in CMS, process or controls. I certify that the information contained in this report is true, accurate, and complete.

P.A. Steadham - Chief, Environmental Services - Concentrates

Phillip A. Steadham

Date: 10/18/96

If the total duration of excess emissions is 1% or greater of the total operating time or the total CMS downtime is 5% or greater of the total operating time, both the summary report form and the excess emission report described in 40 CFR Part 60.7(c) shall be submitted.