

# G2 Services Ltd.

CONSULTING ENGINEERS

3119 Lithia Pinecrest Rd.  
Valrico, Florida 33594

Phone (813) 685-9727  
Fax (813) 684-1691  
G2Services@aol.com

24  
June 10, 2002

RECEIVED

JUN 25 2002

Florida Department  
Environmental Protection  
Division of Air Resources Management, MS5500  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

BUREAU OF AIR REGULATION

ATTN: Ed Svec

Re: Peace River  
Cold Storage  
#1050045-004-AV

Gentlemen:

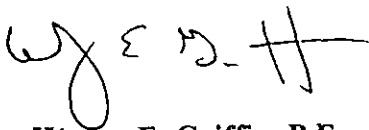
Project No.: 1050045-006-AC  
Project No.: 1050045-007-AV

Enclosed herewith are the following items for your review:

1. Four (4) set of construction permit applications.
2. Four (4) sets of supplemental documents.

Should you have any questions please do not hesitate to contact me at my office.

Sincerely,



Wayne E. Griffin, P.E.  
Managing Partner

Cc: Bart Plymale  
Jerry Kissel, P.E.

Weg: cms

RECEIVED

JUN 25 2002

BUREAU OF AIR REGULATION

**PEACE RIVER**

**SUPPLEMENTAL**  
**DOCUMENTS**

## EMISSION CALCULATIONS

### BOILERS GENERAL

Peace River  
Cold Storage  
#1050045-004

Proposed Boilers #1 & #2 are identical Johnston firetube steam boilers. The boilers will be natural gas fired with no standby fuel. The original boilers were removed prior to issuance of the Title V Permit. Steam was previously supplied by the adjacent co-generation facility.

### NO<sub>x</sub>

Emission Factor: 100 #/mmcf AP42 Table 1.4-1  
Gas Usage: 200 mmcf/yr

Emissions:  $200 \times 100 \text{ \#/2000 \#/TN} = \underline{10 \text{ tons/year}}$

Total for both boilers: 20 tons/year

### CO

Emission factor: 84 #/mmcf AP42 Table 1.4-1  
Gas Usage: 200 mmcf

Emission:  $200 \times 84 \text{ \#/2000 \#/TN} = \underline{8.4 \text{ tons/year}}$

Total for both boilers: 16.8 tons/year

### PARTICULATES

Emission Factor: 7.6 #/mmcf AP42 Table 1.4-2  
Gas Usage: 200 mmcf

Emissions:  $200 \times 7.6 \text{ \#/2000 \#/TN} = \underline{0.76 \text{ tons/year}}$

Total for both boilers: 1.52 tons/year

### VOC

Emission Factor: 5.5 #/mmcf AP42 Table 1.4-2

Emissions:  $200 \times 5.5 \text{ \#/2000 \#/TN} = \underline{0.55 \text{ tons/year}}$

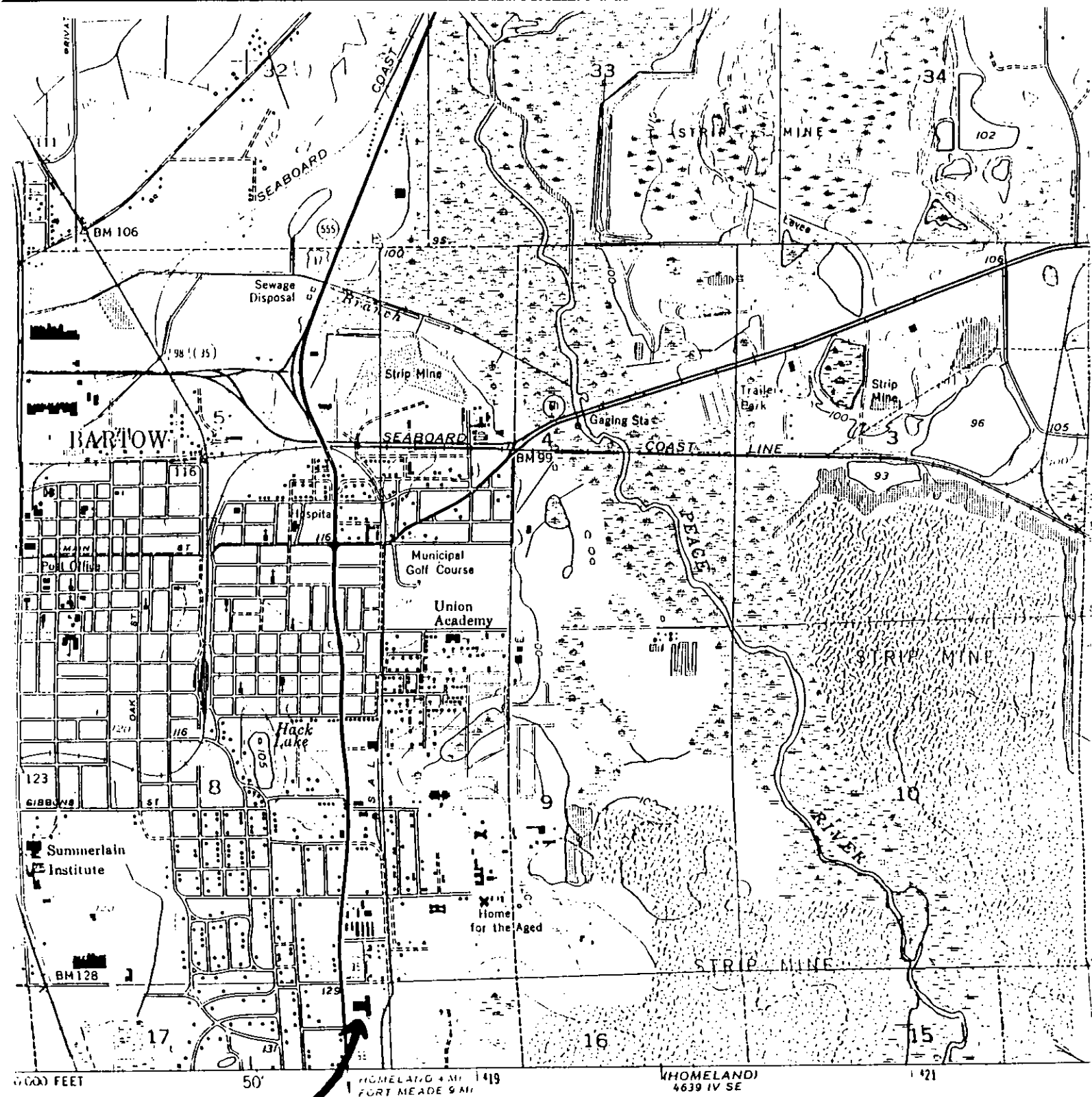
Total for both boilers: 1.10 tons/year

**SO<sub>2</sub>**

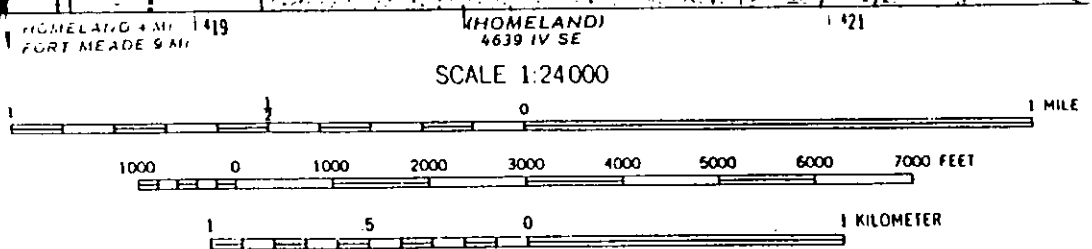
Emission Factor: 0.6 #/mmcf AP42 Table 1.4-2

Emissions: 200 x 0.6 #/2000 #/TN = 0.06 tons/year

Total for both boilers: 0.12 tons/year



Peace River  
Cold Storage

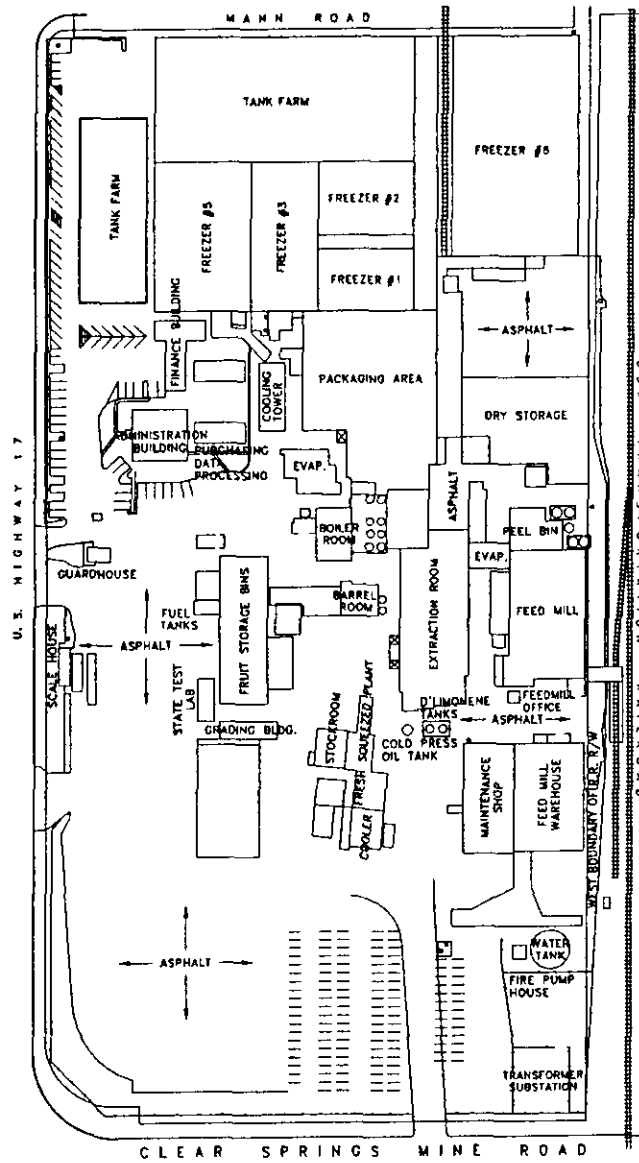


CONTOUR INTERVAL 10 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Bartow Quad

1973 AND 1972 MAGNETIC NORTH  
ARROW AT CENTER OF SHEET  
Maple compiled from aerial photographs  
Information not field checked  
Extension of urban areas

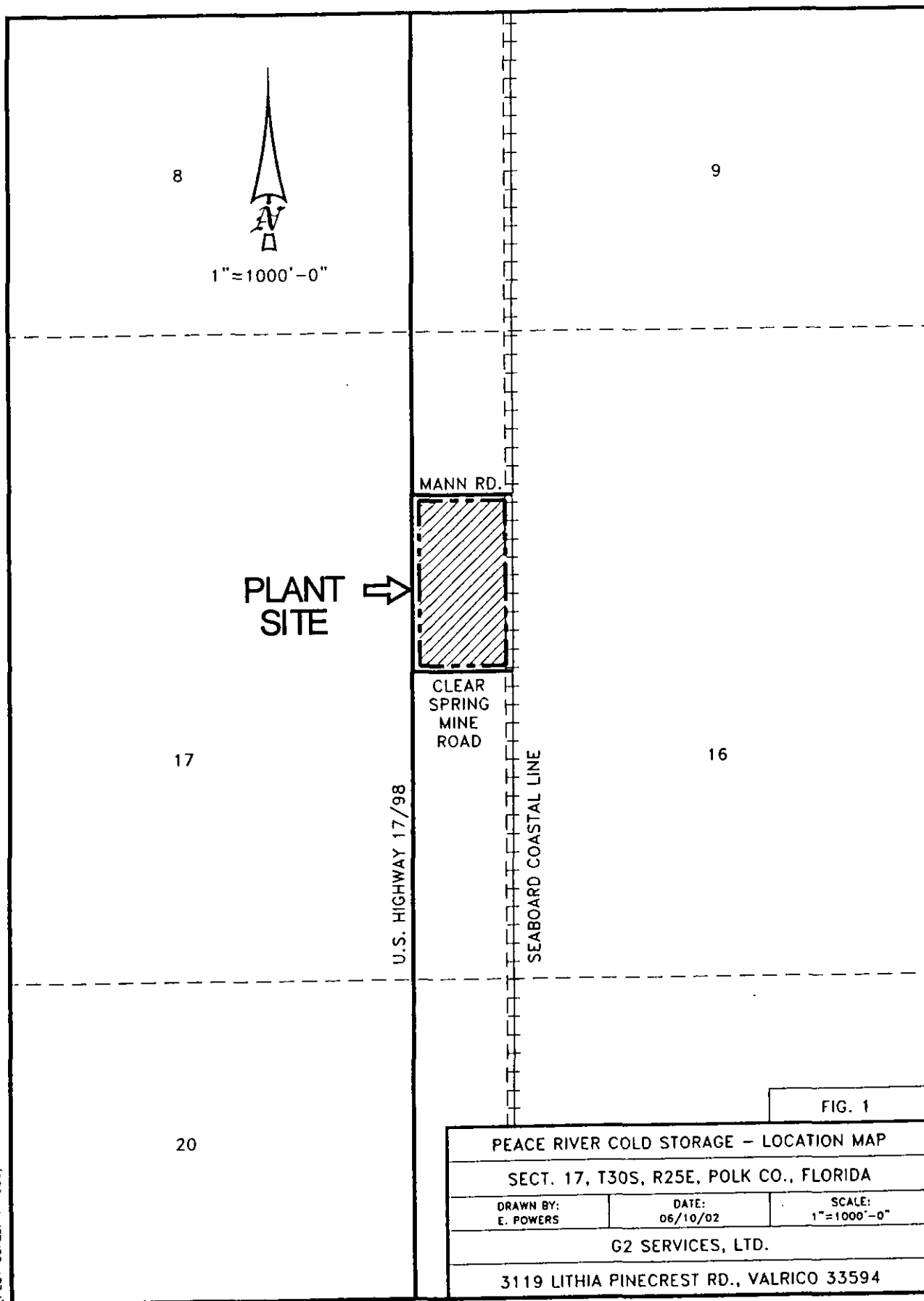


SCALE: 1"=200'-0"

FIG. 2

PLANT SITE PLAN		
PEACE RIVER COLD STORAGE		
DRAWN BY: E. POWERS	DATE: 06/10/02	SCALE: 1"=200'-0"
G2 SERVICES, LTD.		
3119 LITHIA PINECREST RD., VALRICO, FL 33594		

PeaceRiverColdStorage/8x11Map 06/10/02 EP  
(PLOT SCALE: 1"=1000')



# APPLICATION FOR AIR PERMIT - TITLE V SOURCE

See Instructions for Form No. 62-210.900(1)

## I. APPLICATION INFORMATION

RECEIVED

### Identification of Facility

JUN 25 2002

1. Facility Owner/Company Name: Peace River Citrus Products, Inc.	
2. Site Name: Peace River Cold Storage	
3. Facility Identification Number: 1050045 [ ] Unknown	
4. Facility Location: Bartow Street Address or Other Locator: 2020 US Hwy 17 South City: Bartow County: Polk Zip Code: 33830	
5. Relocatable Facility? [ ] Yes [x] No	6. Existing Permitted Facility? [ x] Yes [ ] No

### Application Contact

1. Name and Title of Application Contact: Bart Plymale VP	
2. Application Contact Mailing Address: POB 730 Organization/Firm: Peace River Citrus Products, Inc. Street Address: 4104 Hwy 72 City: Arcadia State: FL Zip Code: 34265	
3. Application Contact Telephone Numbers: Telephone: (863 ) 494 -0440 Fax: (863 ) 993 -3161	

### Application Processing Information (DEP Use)

1. Date of Receipt of Application:	6/25/02
2. Permit Number:	1050045-004-AC / 1050045-007-AV
3. PSD Number (if applicable):	
4. Siting Number (if applicable):	



## **Purpose of Application**

### **Air Operation Permit Application**

This Application for Air Permit is submitted to obtain: (Check one)

- ☐ Initial Title V air operation permit for an existing facility which is classified as a Title V source.
- ☐ Initial Title V air operation permit for a facility which, upon start up of one or more newly constructed or modified emissions units addressed in this application, would become classified as a Title V source.

Current construction permit number: \_\_\_\_\_

- ☐ Title V air operation permit revision to address one or more newly constructed or modified emissions units addressed in this application.

Current construction permit number: \_\_\_\_\_

Operation permit number to be revised: \_\_\_\_\_

- ☒ Title V air operation permit revision or administrative correction to address one or more proposed new or modified emissions units and to be processed concurrently with the air construction permit application. (Also check Air Construction Permit Application below.)

Operation permit number to be revised/corrected: 1050045-004-AV

- ☐ Title V air operation permit revision for reasons other than construction or modification of an emissions unit. Give reason for the revision; e.g., to comply with a new applicable requirement or to request approval of an "Early Reductions" proposal.

Operation permit number to be revised: \_\_\_\_\_

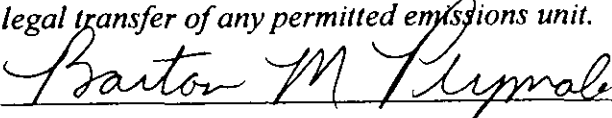
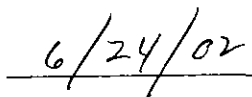
Reason for revision: \_\_\_\_\_

### **Air Construction Permit Application**

This Application for Air Permit is submitted to obtain: (Check one)

- ☒ Air construction permit to construct or modify one or more emissions units.
- ☐ Air construction permit to make federally enforceable an assumed restriction on the potential emissions of one or more existing, permitted emissions units.
- ☐ Air construction permit for one or more existing, but unpermitted, emissions units.

**Owner/Authorized Representative or Responsible Official**

1. Name and Title of Owner/Authorized Representative or Responsible Official: Bart Plymale VP
2. Owner/Authorized Representative or Responsible Official Mailing Address: POB 730 Organization/Firm: Peace River Citrus Products, Inc. Street Address: 4104 Hwy 72 City: Arcadia State: FL Zip Code: 34265
3. Owner/Authorized Representative or Responsible Official Telephone Numbers: Telephone: (863) 494-0440 Fax: (863) 993-3161
4. Owner/Authorized Representative or Responsible Official Statement: <i>I, the undersigned, am the owner or authorized representative* (check here <input checked="" type="checkbox"/>, if so) or the responsible official (check here <input type="checkbox"/>, if so) of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained 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 understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.</i>  Signature  Date

\* Attach letter of authorization if not currently on file.

**Professional Engineer Certification**

1. Professional Engineer Name: Wayne E. Griffin Registration Number: 19974
2. Professional Engineer Mailing Address: Organization/Firm: G2 Services, Ltd. Street Address: 3119 Lithia Pinecrest Rd. City: Valrico State: FL Zip Code: 33594
3. Professional Engineer Telephone Numbers: Telephone: (813) 685 -9727 Fax: (813) 684 -1691

4. Professional Engineer Statement:

*I, the undersigned, hereby certify, except as particularly noted herein\*, that:*

*(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and*

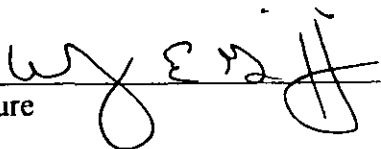
*(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.*

*If the purpose of this application is to obtain a Title V source air operation permit (check here [    ], if so), I further certify that each emissions unit described in this Application for Air Permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance schedule is submitted with this application.*

*If the purpose of this application is to obtain an air construction permit for one or more proposed new or modified emissions units (check here [ X ], if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.*

*If the purpose of this application is to obtain an initial air operation permit or operation permit revision for one or more newly constructed or modified emissions units (check here [    ], if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.*

Signature



Date

6/6/02

(seal)

\* Attach any exception to certification statement.

**Scope of Application**

<b>Emissions Unit ID</b>	<b>Description of Emissions Unit</b>	<b>Permit Type</b>	<b>Processing Fee</b>
	1000 Hp Boiler #1 <i>EU ID # 010</i>	AC1E	0
	1000 Hp Boiler #2 <i>EU ID # 011</i>	AC1E	0

**Application Processing Fee**

Check one: [ ] Attached - Amount: \$ 0 [ ] Not Applicable

**Construction/Modification Information**

**1. Description of Proposed Project or Alterations:**

Install 2 Johnston natural gas fired boilers to replace steam previously provided by the adjacent co-generation power plant. Fuel shall be natural gas only with no stand by fuel.

**2. Projected or Actual Date of Commencement of Construction:** 9/01/02

**3. Projected Date of Completion of Construction:** 10/01/02

**Application Comment**

The facility had boilers prior to the construction of the co-generation facility.

## II. FACILITY INFORMATION

### A. GENERAL FACILITY INFORMATION

#### Facility Location and Type

1. Facility UTM Coordinates: Zone: 17                                      East (km): 418.7                                      North (km): 3086.3			
2. Facility Latitude/Longitude: Latitude (DD/MM/SS): 27°52'35"                                      Longitude (DD/MM/SS): 81°49'33"			
3. Governmental Facility Code: O	4. Facility Status Code: A	5. Facility Major Group SIC Code: 20	6. Facility SIC(s): 2033,2037,2048
7. Facility Comment (limit to 500 characters): Citrus processor fka as Four Seasons Processing fka Orange Co			

#### Facility Contact

1. Name and Title of Facility Contact: Bart Plymale		
2. Facility Contact Mailing Address: POB 730 Organization/Firm: Peace River Citrus Products, Inc. Street Address: 4104 Hwy 72 City: Arcadia                                      State: FL                                      Zip Code: 34265		
3. Facility Contact Telephone Numbers: Telephone: (813 ) 494 -0440                                      Fax: (813 ) 993 - 3161		

**Check all that apply:**

### **List of Applicable Regulations**

DEP Form No. 62-210.900(1) - Form  
Effective: 2/11/99

## B. FACILITY POLLUTANTS

### **List of Pollutants Emitted**

[illegible]



## C. FACILITY SUPPLEMENTAL INFORMATION

### Supplemental Requirements

1. Area Map Showing Facility Location: [X] Attached, Document ID: _n/a____ [ ] Not Applicable [ ] Waiver Requested
2. Facility Plot Plan: [X] Attached, Document ID: _n/a____ [ ] Not Applicable [ ] Waiver Requested
3. Process Flow Diagram(s): [ ] Attached, Document ID: _____ [X] Not Applicable [ ] Waiver Requested
4. Precautions to Prevent Emissions of Unconfined Particulate Matter: [ ] Attached, Document ID: _____ [X] Not Applicable [ ] Waiver Requested
5. Fugitive Emissions Identification: [ ] Attached, Document ID: _____ [X] Not Applicable [ ] Waiver Requested
6. Supplemental Information for Construction Permit Application: [X] Attached, Document ID: _n/a____ [ ] Not Applicable
7. Supplemental Requirements Comment:

**Additional Supplemental Requirements for Title V Air Operation Permit Applications**

8. List of Proposed Insignificant Activities: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
9. List of Equipment/Activities Regulated under Title VI: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Equipment/Activities On site but Not Required to be Individually Listed <input checked="" type="checkbox"/> Not Applicable
10. Alternative Methods of Operation: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Identification of Additional Applicable Requirements: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Risk Management Plan Verification: <input type="checkbox"/> Plan previously submitted to Chemical Emergency Preparedness and Prevention Office (CEPPO). Verification of submittal attached (Document ID: _____) or previously submitted to DEP (Date and DEP Office: _____) <input type="checkbox"/> Plan to be submitted to CEPPO (Date required: _____) <input checked="" type="checkbox"/> Not Applicable
14. Compliance Report and Plan: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
15. Compliance Certification (Hard-copy Required): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

**III. EMISSIONS UNIT INFORMATION**

A separate Emissions Unit Information Section (including subsections A through J as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application.

**A. GENERAL EMISSIONS UNIT INFORMATION**  
(All Emissions Units)

**Emissions Unit Description and Status**

1. Type of Emissions Unit Addressed in This Section: (Check one)			
<input checked="" type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).			
<input type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.			
<input type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.			
2. Regulated or Unregulated Emissions Unit? (Check one)			
<input checked="" type="checkbox"/> The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.			
<input type="checkbox"/> The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.			
2. Description of Emissions Unit Addressed in This Section (limit to 60 characters): 1000 Hp Boiler #1			
4. Emissions Unit Identification Number:		<input checked="" type="checkbox"/> No ID <input type="checkbox"/> ID Unknown	
ID:			
5. Emissions Unit Status Code:	6. Initial Startup Date:	7. Emissions Unit Major Group SIC Code:	8. Acid Rain Unit? [N ]
C		20	
9. Emissions Unit Comment: (Limit to 500 Characters)			

**Emissions Unit Control Equipment**

1. Control Equipment/Method Description (Limit to 200 characters per device or method):  
None

2. Control Device or Method Code(s):

**Emissions Unit Details**

1. Package Unit:  
Manufacturer: Johnston Model Number: PFTA 10004G

2. Generator Nameplate Rating: MW

3. Incinerator Information:  
Dwell Temperature: °F  
Dwell Time: seconds  
Incinerator Afterburner Temperature: °F

**B. EMISSIONS UNIT CAPACITY INFORMATION**  
(Regulated Emissions Units Only)

**Emissions Unit Operating Capacity and Schedule**

1. Maximum Heat Input Rate:	41.63	mmBtu/hr
2. Maximum Incineration Rate:	lb/hr	tons/day
3. Maximum Process or Throughput Rate:		
4. Maximum Production Rate:		
5. Requested Maximum Operating Schedule:		
24 hours/day	7 days/week	
52 weeks/year	8760 hours/year	
6. Operating Capacity/Schedule Comment (limit to 200 characters):		

**C. EMISSIONS UNIT REGULATIONS**  
**(Regulated Emissions Units Only)**

**List of Applicable Regulations**


**D. EMISSION POINT (STACK/VENT) INFORMATION**  
**(Regulated Emissions Units Only)**

**Emission Point Description and Type**

1. Identification of Point on Plot Plan or Flow Diagram? Boiler #1		2. Emission Point Type Code: 1	
2. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): Single boiler stack			
3. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: N/a			
5. Discharge Type Code: V	6. Stack Height: 30 feet	7. Exit Diameter: 2.1 feet	
8. Exit Temperature: 400°F	9. Actual Volumetric Flow Rate: 15,445 acfm	10. Water Vapor: %	
11. Maximum Dry Standard Flow Rate: dscfm		12. Nonstack Emission Point Height: feet	
13. Emission Point UTM Coordinates: Zone: 17                      East (km): 418.7                      North (km): 3083.6			
14. Emission Point Comment (limit to 200 characters):			

**E. SEGMENT (PROCESS/FUEL) INFORMATION**  
**(All Emissions Units)**

**Segment Description and Rate:** Segment 1 of 1

1. Segment Description (Process/Fuel Type) (limit to 500 characters): Natural Gas		
3. Source Classification Code (SCC): 1-02-006-02		3. SCC Units: MMCF
4. Maximum Hourly Rate: 0.04	5. Maximum Annual Rate: 200	6. Estimated Annual Activity Factor: N/A
7. Maximum % Sulfur: 0	8. Maximum % Ash: 0	9. Million Btu per SCC Unit: 1040
10. Segment Comment (limit to 200 characters): 41.63 MMBTU/Hr max heat input 8760 hrs of operation Limited to 200 mmcf		

**Segment Description and Rate:** Segment n/a of       

1. Segment Description (Process/Fuel Type ) (limit to 500 characters):		
2. Source Classification Code (SCC):		3. SCC Units:
4. Maximum Hourly Rate:	5. Maximum Annual Rate:	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		







**H. VISIBLE EMISSIONS INFORMATION**  
**(Only Regulated Emissions Units Subject to a VE Limitation)**

**Visible Emissions Limitation:** Visible Emissions Limitation   1   of   1  

1. Visible Emissions Subtype: n/a	2. Basis for Allowable Opacity: [ ] Rule [ ] Other
3. Requested Allowable Opacity: Normal Conditions:                      %      Exceptional Conditions:                      % Maximum Period of Excess Opacity Allowed:                      min/hour	
4. Method of Compliance:	
6. Visible Emissions Comment (limit to 200 characters): Not currently tested	

**I. CONTINUOUS MONITOR INFORMATION**  
**(Only Regulated Emissions Units Subject to Continuous Monitoring)**

**Continuous Monitoring System:** Continuous Monitor   1   of   1   n/a

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement:	[ ] Rule [ ] Other
4. Monitor Information: Manufacturer: Model Number:                      Serial Number:	
5. Installation Date:	6. Performance Specification Test Date:
7. Continuous Monitor Comment (limit to 200 characters):	

**J. EMISSIONS UNIT SUPPLEMENTAL INFORMATION**  
(Regulated Emissions Units Only)

**Supplemental Requirements**

1. Process Flow Diagram [ ] Attached, Document ID: _____ [ ] Not Applicable [x] Waiver Requested
2. Fuel Analysis or Specification [ ] Attached, Document ID: _____ [ ] Not Applicable [x] Waiver Requested
3. Detailed Description of Control Equipment [ ] Attached, Document ID: _____ [x] Not Applicable [ ] Waiver Requested
4. Description of Stack Sampling Facilities [ ] Attached, Document ID: _____ [x] Not Applicable [ ] Waiver Requested
5. Compliance Test Report [ ] Attached, Document ID: _____ [ ] Previously submitted, Date: _____ [x] Not Applicable
6. Procedures for Startup and Shutdown [ ] Attached, Document ID: _____ [x] Not Applicable [ ] Waiver Requested
7. Operation and Maintenance Plan [ ] Attached, Document ID: _____ [x] Not Applicable [ ] Waiver Requested
8. Supplemental Information for Construction Permit Application [ ] Attached, Document ID: _____ [x] Not Applicable
9. Other Information Required by Rule or Statute [ ] Attached, Document ID: _____ [x] Not Applicable
10. Supplemental Requirements Comment:

**Additional Supplemental Requirements for Title V Air Operation Permit Applications**

11. Alternative Methods of Operation [   ] Attached, Document ID: _____ [X ] Not Applicable
12. Alternative Modes of Operation (Emissions Trading) [   ] Attached, Document ID: _____ [X ] Not Applicable
13. Identification of Additional Applicable Requirements [   ] Attached, Document ID: _____ [X ] Not Applicable
14. Compliance Assurance Monitoring Plan [   ] Attached, Document ID: _____ [X ] Not Applicable
15. Acid Rain Part Application (Hard-copy Required) [   ] Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ [   ] Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ [   ] New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ [   ] Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ [   ] Phase II NOx Compliance Plan (Form No. 62-210.900(1)(a)4.) Attached, Document ID: _____ [   ] Phase NOx Averaging Plan (Form No. 62-210.900(1)(a)5.) Attached, Document ID: _____ [X ] Not Applicable

**III. EMISSIONS UNIT INFORMATION**

A separate Emissions Unit Information Section (including subsections A through J as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application.

**A. GENERAL EMISSIONS UNIT INFORMATION**  
(All Emissions Units)

**Emissions Unit Description and Status**

1. Type of Emissions Unit Addressed in This Section: (Check one)			
<input checked="" type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).			
<input type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.			
<input type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.			
2. Regulated or Unregulated Emissions Unit? (Check one)			
<input checked="" type="checkbox"/> The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.			
<input type="checkbox"/> The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.			
7. Description of Emissions Unit Addressed in This Section (limit to 60 characters): 1000 Hp Boiler #2			
4. Emissions Unit Identification Number:		<input checked="" type="checkbox"/> No ID <input type="checkbox"/> ID Unknown	
ID:			
5. Emissions Unit Status Code:	6. Initial Startup Date:	7. Emissions Unit Major Group SIC Code:	8. Acid Rain Unit? [N ]
C		20	
9. Emissions Unit Comment: (Limit to 500 Characters)			

**Emissions Unit Control Equipment**

4. Control Equipment/Method Description (Limit to 200 characters per device or method):  
None

2. Control Device or Method Code(s):

**Emissions Unit Details**

1. Package Unit:	
Manufacturer: Johnston	Model Number: PFTA 10004G
2. Generator Nameplate Rating:	MW
3. Incinerator Information:	
Dwell Temperature:	°F
Dwell Time:	seconds
Incinerator Afterburner Temperature:	°F

**B. EMISSIONS UNIT CAPACITY INFORMATION**  
(Regulated Emissions Units Only)

**Emissions Unit Operating Capacity and Schedule**

1. Maximum Heat Input Rate:	41.63	mmBtu/hr
2. Maximum Incineration Rate:	lb/hr	tons/day
3. Maximum Process or Throughput Rate:		
4. Maximum Production Rate:		
5. Requested Maximum Operating Schedule:		
	24 hours/day	7 days/week
	52 weeks/year	8760 hours/year
6. Operating Capacity/Schedule Comment (limit to 200 characters):		



### C. EMISSIONS UNIT REGULATIONS (Regulated Emissions Units Only)

### List of Applicable Regulations

[illegible]

**D. EMISSION POINT (STACK/VENT) INFORMATION**  
**(Regulated Emissions Units Only)**

**Emission Point Description and Type**

1. Identification of Point on Plot Plan or Flow Diagram? Boiler #2		2. Emission Point Type Code: 1	
5. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): Single boiler stack			
6. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: N/a			
5. Discharge Type Code: V	6. Stack Height: 30 feet	7. Exit Diameter: 2.1 feet	
8. Exit Temperature: 400°F	9. Actual Volumetric Flow Rate: 15445 acfm	10. Water Vapor: %	
11. Maximum Dry Standard Flow Rate: dscfm		12. Nonstack Emission Point Height: feet	
13. Emission Point UTM Coordinates: Zone: 17                      East (km): 418.7                      North (km): 3083.6			
14. Emission Point Comment (limit to 200 characters):			

**E. SEGMENT (PROCESS/FUEL) INFORMATION**  
**(All Emissions Units)**

**Segment Description and Rate:** Segment 1 of 1

1. Segment Description (Process/Fuel Type) (limit to 500 characters): Natural Gas		
8. Source Classification Code (SCC): 1-02-006-02		3. SCC Units: MMCF
9. Maximum Hourly Rate: 0.04	10. Maximum Annual Rate: 200	6. Estimated Annual Activity Factor: N/A
7. Maximum % Sulfur: 0	8. Maximum % Ash: 0	11. Million Btu per SCC Unit: 1040
12. Segment Comment (limit to 200 characters): 38.3 MMBTU/Hr max heat input 8760 hrs of operation Limited to 200 mmcf		

**Segment Description and Rate:** Segment n/a of       

1. Segment Description (Process/Fuel Type ) (limit to 500 characters):		
2. Source Classification Code (SCC):		3. SCC Units:
4. Maximum Hourly Rate:	5. Maximum Annual Rate:	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

**F. EMISSIONS UNIT POLLUTANTS**  
(All Emissions Units)

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
<b>NO<sub>x</sub></b>	<b>N/A</b>		<b>NS</b>
<b>CO</b>	<b>N/A</b>		<b>NS</b>



**H. VISIBLE EMISSIONS INFORMATION**  
**(Only Regulated Emissions Units Subject to a VE Limitation)**

**Visible Emissions Limitation:** Visible Emissions Limitation   1   of   1  

1. Visible Emissions Subtype: n/a	2. Basis for Allowable Opacity: [    ] Rule [    ] Other
3. Requested Allowable Opacity: Normal Conditions:                      %      Exceptional Conditions:                      % Maximum Period of Excess Opacity Allowed:                      min/hour	
4. Method of Compliance:	
11. Visible Emissions Comment (limit to 200 characters): Not currently tested	

**I. CONTINUOUS MONITOR INFORMATION**  
**(Only Regulated Emissions Units Subject to Continuous Monitoring)**

**Continuous Monitoring System:** Continuous Monitor   1   of   1   n/a

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement:	[    ] Rule [    ] Other
4. Monitor Information: Manufacturer: Model Number:                      Serial Number:	
5. Installation Date:	6. Performance Specification Test Date:
7. Continuous Monitor Comment (limit to 200 characters):	

**J. EMISSIONS UNIT SUPPLEMENTAL INFORMATION**  
**(Regulated Emissions Units Only)**

**Supplemental Requirements**

1. Process Flow Diagram <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested
2. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Compliance Test Report <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously submitted, Date: _____ <input checked="" type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
7. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
8. Supplemental Information for Construction Permit Application <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
10. Supplemental Requirements Comment:

**Additional Supplemental Requirements for Title V Air Operation Permit Applications**

11. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
13. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Compliance Assurance Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
15. Acid Rain Part Application (Hard-copy Required)  <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____  <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____  <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____  <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____  <input type="checkbox"/> Phase II NOx Compliance Plan (Form No. 62-210.900(1)(a)4.) Attached, Document ID: _____  <input type="checkbox"/> Phase NOx Averaging Plan (Form No. 62-210.900(1)(a)5.) Attached, Document ID: _____  <input checked="" type="checkbox"/> Not Applicable