

CITY OF WILDWOOD
AIR CURTAIN INCINERATOR
A/O PERMIT RENEWAL APPLICATION

October 18, 2005

Prepared By:

SOUTHERN ENVIRONMENTAL SCIENCES, INC.
1204 North Wheeler Street
Plant City, Florida 33563

Prepared For:

CITY OF WILDWOOD
100 N. Main Street
Wildwood, Florida 34785

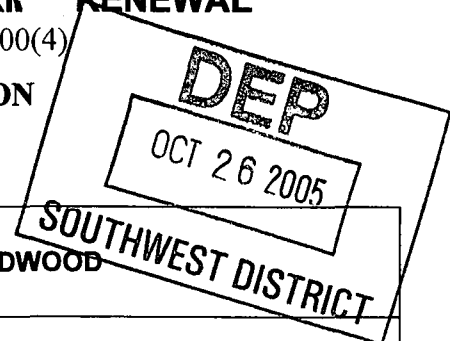
APPLICATION FOR NON-TITLE V AIR PERMIT RENEWAL

See Instructions for Form No. 62-210.900(4)

I. APPLICATION INFORMATION

Identification of Facility

1. Facility Owner/Company Name: CITY OF WILDWOOD	
2. Site Name: City of Wildwood, Air Curtain Incinerator	
3. Facility Identification Number: 1190016	4. Facility Status Code: A



Application Contact

1. Name and Title of Application Contact: Gene Kornegay, Public Works Director	
2. Application Contact Mailing Address: Organization/Firm: City of Wildwood Street Address: 100 N. Main Street City: Wildwood State: Florida Zip Code: 34785	
3. Application Contact Telephone Numbers: Telephone: (352) 330-1343 Fax: (352) 330 -1353	

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	
2. Permit Number:	

Owner/Authorized Representative

1. Name and Title of Owner/Authorized Representative:

Gene Kornegay, Public Works Director

2. Owner/Authorized Representative Mailing Address:

Organization/Firm: **City of Wildwood**

Street Address: **100 N. Main Street**

City: **Wildwood**

State: **Florida**

Zip Code: **34785**

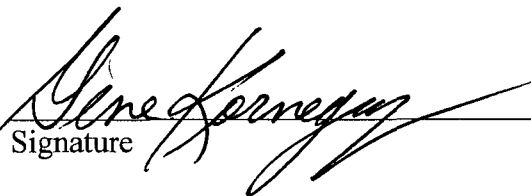
3. Owner/Authorized Representative Telephone Numbers:

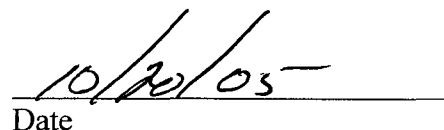
Telephone: **(352) 330-1343**

Fax: **(352) 330-1353**

4. Owner/Authorized Representative Statement:

I, the undersigned, am the owner or authorized representative of the facility addressed in this Application for Air Permit. 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. Further, I agree to operate and maintain the air pollutant emissions units and air pollution control equipment described in this application 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.*

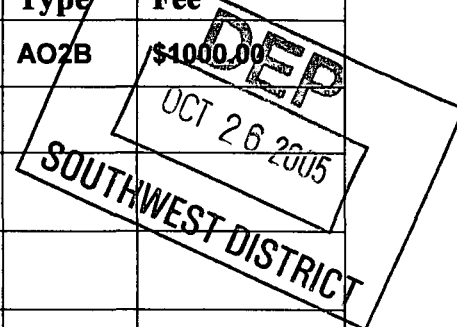

Signature


Date

* Attach letter of authorization if not currently on file.

Scope of Application

Emissions Unit ID	Description of Emissions Unit	Permit Type	Processing Fee
001	Air Curtain Incinerator, 9' x 10' x 20'	AO2B	\$1000.00

**Application Processing Fee**

Check one: ☒ Attached - Amount: \$ 1,000 [] Not Applicable

Application Comment

Application is for the renewal of permit number 1190016-002-AO.

II. FACILITY INFORMATION

Facility Contact

1. Name and Title of Facility Contact: Gene Kornegay, Public Works Director		
2. Facility Contact Mailing Address: Organization/Firm: City of Wildwood Street Address: 100 N. Main Street City: Wildwood State: Florida Zip Code: 34785		
3. Facility Contact Telephone Numbers: Telephone: (352) 330-1343 Fax: (352) 330-1353		

Facility Supplemental Requirements

1. Area Map Showing Facility Location: [<input checked="" type="checkbox"/>] Attached, Document ID: A [<input type="checkbox"/>] Not Applicable [<input type="checkbox"/>] Waiver Requested
2. Facility Plot Plan: [<input checked="" type="checkbox"/>] Attached, Document ID: B [<input type="checkbox"/>] Not Applicable [<input type="checkbox"/>] Waiver Requested
3. Process Flow Diagram(s): [<input type="checkbox"/>] Attached, Document ID: _____ [<input checked="" type="checkbox"/>] Not Applicable [<input type="checkbox"/>] Waiver Requested
4. Precautions to Prevent Emissions of Unconfined Particulate Matter: [<input checked="" type="checkbox"/>] Attached, Document ID: C [<input type="checkbox"/>] Not Applicable [<input type="checkbox"/>] Waiver Requested

Facility Comment

The physical location of the facility is on the south side of the City of Wildwood's waste water treatment plant, north of S. R. 44, and on the west side of CSX's railroad tracks, southwest of Wildwood, Wildwood, Florida. The mode of operations, relating to the conditions and parameters referred to in the air operation permit being renewed, 1190016-002-AO, remains the same.

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section must be completed for each emissions unit addressed in this Application for Non-Title V Air Permit Renewal. If submitting the form in hard copy, indicate, in the space provided at the top of each page, the Emissions Unit ID of the emissions unit addressed on the page, as given in the unit's most current air operation permit.

Emissions Unit Description and Status

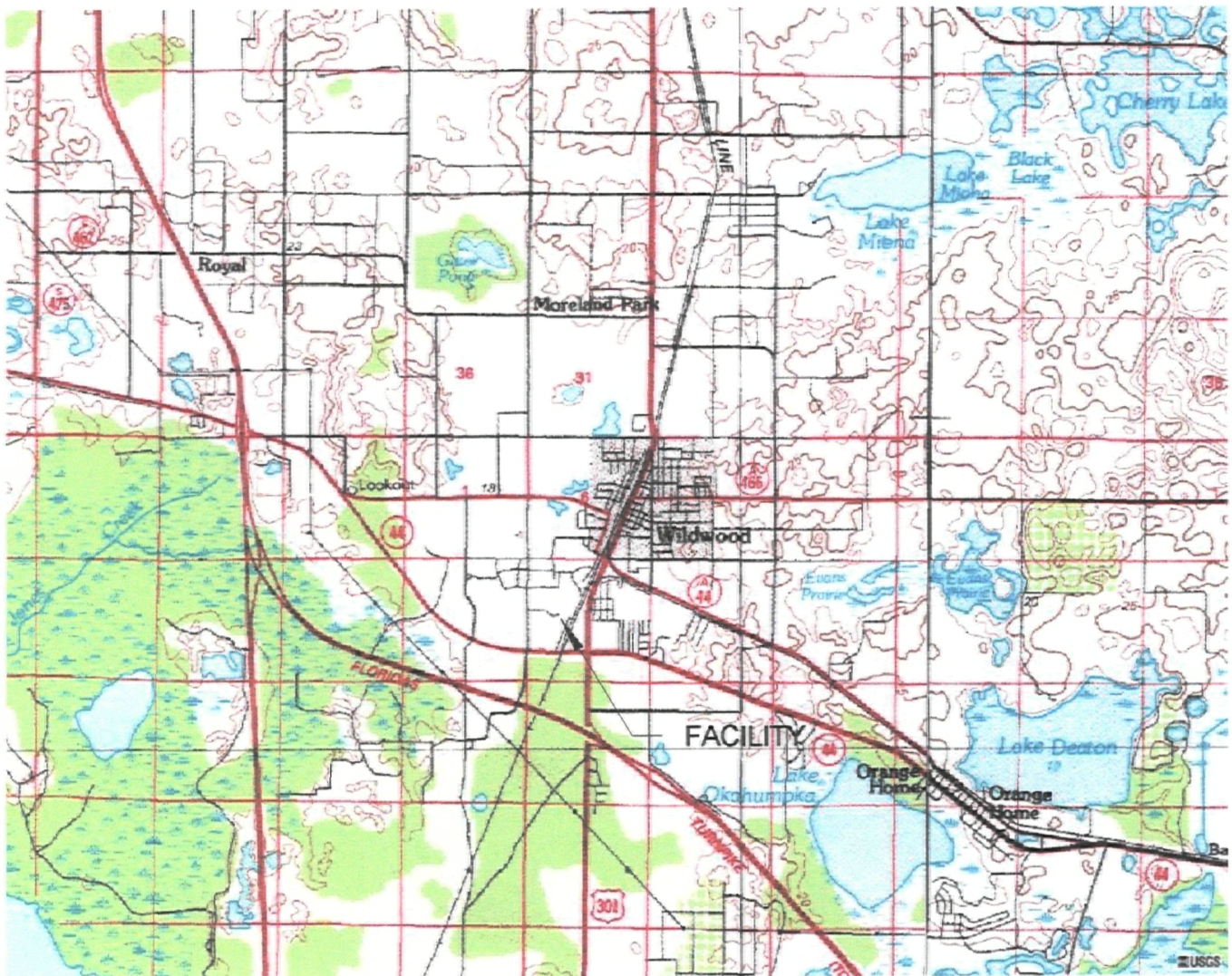
1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): ACI Unit as manufactured by McPherson Systems, Inc.	
2. Emissions Unit Status Code: A	3. Long-Term Reserve Shutdown Date: NA
4. Control Equipment Method/Description (limit to 200 characters per device or method): McPherson System's 20' Air Curtain Manifold.	

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate:	mmBtu/hr
2. Maximum Incineration Rate:	13,300.0 lb/hr 53.2 tons/day
3. Maximum Process or Throughput Rate:	6.65 tons per hour
4. Maximum Production Rate:	6.4 tons per hour
5. Requested Maximum Operating Schedule:	
8.0 hours/day	average of 2.6 days/week
52 weeks/year	1,090 hours/year

Document ID: A

***Area Map showing
Facility Location***



AREA MAP

CITY OF WILDWOOD
100 N. MAIN STREET
WILDWOOD, FL 34785

SOUTHERN ENVIRONMENTAL SCIENCES, INC.
1204 NORTH WHEELER STREET
PLANT CITY, FLORIDA 33563

PREPARED BY: RAMA IYER

SOURCE: USGS Quad Map
7/1/1977
TerraServer USA

Project No.

DWG NO.

REV

DATE: October 18, 2005

SCALE: 1" = 7,543'

INITIALS:

RS

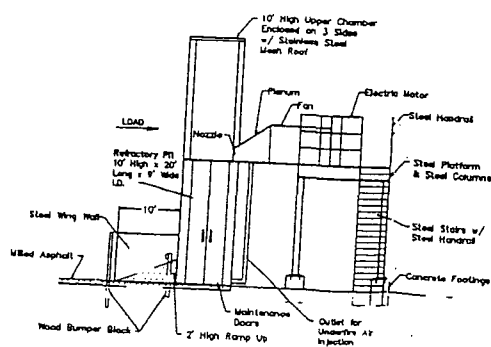
05P432

05P432-1

DOCUMENT ID: A

Document ID: B

Facility Plot Plan



<h1 style="text-align: center;">PLOT PLAN</h1>	<p style="text-align: center;">CITY OF WILDWOOD 100 N. MAIN STREET WILDWOOD, FLORIDA 34785</p>				
	<p style="text-align: center;">SOUTHERN ENVIRONMENTAL SCIENCES, INC. 1204 NORTH WHEELER STREET PLANT CITY, FLORIDA 33563</p>				
PREPARED BY: RAMA IYER	SOURCE: Client Information & H&B Consult. Engrs. Site Plan		PROJECT NO. 05P432	DWG NO. 05P432-2	REV
DATE: October 18, 2005	SCALE: None	INITIALS: <i>RE</i>	DOCUMENT ID: B		

Document ID: C

***Precautions to Prevent Emissions
of Unconfined Particulate Matter***

Precautions to Prevent Emissions of Unconfined Particulate Matter

Reasonable precautions to prevent and/or control unconfined particulate matter emissions include the following; additional measures may also be utilized:

- Paving of traveled surfaces and roadways.
- Posting and enforcing a 5 mph speed limit.
- Cleaning traveled surfaces.
- Curtailing operations during extremely windy conditions.
- Application of water.