

**SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.  
 Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1.  Show to whom delivered, date, and addressee's address. (Extra charge)      2.  Restricted Delivery (Extra charge)

<b>3. Article Addressed to:</b> Mr. Cecil Robinson Walt Disney World Company P. O. Box 10,000 Lake Buena Vista, FL 32830-1000	<b>4. Article Number</b> P 938 762 703  <b>Type of Service:</b> <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise  Always obtain signature of addressee or agent and <b>DATE DELIVERED.</b>
<b>5. Signature -- Address</b> X	<b>8. Addressee's Address (ONLY if requested and fee paid)</b>
<b>6. Signature -- Agent</b> X	
<b>7. Date of Delivery.</b> 10-9-89	

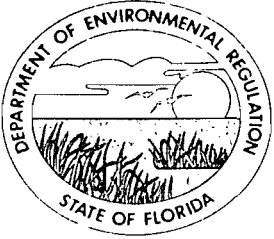
PS Form 3811, Mar. 1988 \* U.S.G.P.O. 1988-212-865 **DOMESTIC RETURN RECEIPT**

P 938 762 703

**RECEIPT FOR CERTIFIED MAIL**  
 NO INSURANCE COVERAGE PROVIDED  
 NOT FOR INTERNATIONAL MAIL  
 (See Reverse)

PS Form 3800, June 1985

Sent to Mr. Cecil Robinson, WDW	
Street and No. P.O. Box 10,000	
P.O., State and ZIP Code Lake Buena Vista, FL 32830-1000	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date Mailed: 10-5-89 Permit: AC 48-166499	



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

## STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION NOTICE OF PERMIT

Mr. Cecil Robinson  
Walt Disney World Company  
P. O. Box 10,000  
Lake Buena Vista, Florida 32830-1000

October 4, 1989

Enclosed is construction permit No. AC 48-166499 for the construction of the EPCOT Marina Paint Spray Booth at the Walt Disney World Complex in Orange County, Florida. This permit is issued pursuant to Section 403, Florida Statutes.

Any party to this permit has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this permit is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

C. H. Fancy, P.E.  
Bureau of Air Regulation

Copy furnished to:

C. Collins, Central District  
R. Beaver, P.E., Walt Disney World

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF PERMIT and all copies were mailed before the close of business on 10-5-89.

FILING AND ACKNOWLEDGEMENT  
FILED, on this date, pursuant to  
§120.52(9), Florida Statutes, with  
the designated Department Clerk,  
receipt of which is hereby  
acknowledged.

Kim Jahn  
Clerk

10-5-89  
Date

Final Determination

Walt Disney World Company  
Lake Buena Vista, Orange County, Florida

EPCOT Marina Paint Spray Booth

Source ID # WDW-33

Permit Number AC 48-166499

Florida Department of Environmental Regulation  
Division of Air Resources Management  
Bureau of Air Regulation

September 29, 1989

## Final Determination

Walt Disney World's application to construct the EPCOT Marina Paint Spray Booth at the Disney Complex in Orange County, Florida, has been reviewed by the Bureau of Air Regulation.

Public Notice of the Department's Intent to Issue the permit was published in The Orlando Sentinel on September 7, 1989.

Copies of the Preliminary Determination have been available for public inspection at the Department's Central District office in Orlando, and the Department's Bureau of Air Regulation in Tallahassee.

No comments were received during the public notice period. Due to the newly created Bureau of Air Regulation and correction of the district office name, the necessary changes will be made in the permit. The specific name brand of coating used in the paint spray operation will be deleted from Specific Condition 2.

The final action of the Department will be to issue the permit as proposed in the Preliminary Determination with the above mentioned changes.



## Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtman, Secretary

John Shearer, Assistant Secretary

**PERMITTEE:**

Walt Disney World Company  
Post Office Box 10,000  
Lake Buena Vista, FL 32830-1000

Permit Number: AC 48-166499  
Expiration Date: April 1, 1990  
County: Orange  
Latitude/Longitude: 28°24'05"N  
81°35'12"W

Project: EPCOT Marina Paint  
Spray Booth, WDW-33

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 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:

For the construction of a paint spray booth utilizing Binks Model 29-893 filters to control particulate emissions. Three exhaust stacks will be connected to a manifold which will be attached to 2 filter banks consisting of a total of 124 filters 2 ft x 2 ft each. The total material usage at this booth will be 300 gallons per year.

The paint spray booth will be located at the EPCOT Marina, part of the Disney complex in Orange County, Florida.

The UTM coordinates of this facility are Zone 17, 443.5 km East and 3144.2 km North.

The source shall be in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

Attachments are listed below:

1. Walt Disney's application received June 22, 1989.
2. Preliminary Determination dated August 18, 1989.
3. DER's Final Determination dated September 29, 1989.

PERMITTEE:  
Walt Disney World Co.

Permit Number: AC 48-166499  
Expiration Date: April 1, 1990

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefor caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

PERMITTEE:  
Walt Disney World Co.

Permit Number: AC 48-166499  
Expiration Date: April 1, 1990

GENERAL CONDITIONS:

6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the Department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.



PERMITTEE:  
Walt Disney World Co.

Permit Number: AC 48-166499  
Expiration Date: April 1, 1990

**GENERAL CONDITIONS:**

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the Department, may be used by the Department as evidence in any enforcement case arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. The permittee shall comply with the following monitoring and record keeping requirements:

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the Department, during the course of any unresolved enforcement action.
- b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by Department rule.

PERMITTEE:  
Walt Disney World Co.

Permit Number: AC 48-166499  
Expiration Date: April 1, 1990

**GENERAL CONDITIONS:**

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurements;
- the person responsible for performing the sampling or measurements;
- the date(s) analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

14. When requested by the department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be submitted or corrected promptly.

**SPECIFIC CONDITIONS:**

1. The EPCOT Marina Paint Spray Booth shall operate for no more than 3120 hours annually (12 hrs/day, 5 days/week, 52 weeks/yr).
2. The maximum aggregate total material utilization rate of paint, thinners, and cleanup solvents shall neither exceed 30 gallons per month nor 300 gallons per year.
3. The maximum allowable emissions shall not exceed:

Pollutant	lb/hr	Emissions	
		lb/month	TPY
PM/PM <sub>10</sub>	0.05	14.0	0.08
VOC	----	166.0	0.93

Visible Emissions shall not exceed 20% opacity. Under normal operations, no visible emissions are expected.

The monthly emission limit is based on a calendar month (a maximum of 31 days). The annual emission limit is based on 3120 hrs/yr of operation and 300 gallons of coating, thinners, and cleanup solvent usage. Compliance with the monthly emission limits shall be demonstrated using the monthly material inventory data, while compliance with the annual emission limits shall be demonstrated using a 12-month rolling basis, based on the inventory data.

PERMITTEE:  
Walt Disney World Co.

Permit Number: AC 48-166499  
Expiration Date: April 1, 1990

SPECIFIC CONDITIONS:

4. The permittee shall comply with F.A.C. Rule 17-2.620(1)(a), whereby no person shall store, pump, handle, process, load, unload or use in any process or installation volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department. To comply, the procedures to minimize pollutant emissions shall include but not be limited to the following:

- a) tightly cover or close all VOC containers when they are not in use,
- b) tightly cover, where possible, all open troughs, basins, baths, tanks, etc., when they are not in use,
- c) maintain all piping, valves, fittings, etc., in good operating condition,
- d) prevent excessive air turbulence across exposed VOC's,
- e) immediately confine and cleanup VOC spills and make certain that wastes are placed in closed containers for reuse, recycling or proper disposal, and
- f) maintain a monthly accounting of each VOC based on beginning and ending inventories, deliveries, shipments, etc.

5. No objectionable odors shall be allowed, in accordance with F.A.C. Rule 17-2.620.

6. Initial and annual compliance tests to show compliance with the emission limits in Specific Condition 3 shall be conducted in accordance with the July 1, 1988, version of 40 CFR 60, Appendix A, using:

- a. EPA Method 9 for visible emissions.
- b. EPA Method 24 for VOC, or manufacturers specifications and material balance (using information from Specific Condition 4.f. on inventory).

Particulate compliance tests using EPA Method 5 may be required by the Department if warranted by VE test results.

7. Any change in the method of operation, raw materials, equipment or operating hours shall be submitted to DER's Central District office for approval.

PERMITTEE:  
Walt Disney World Co.

Permit Number: AC 48-166499  
Expiration Date: April 1, 1990

**SPECIFIC CONDITIONS:**

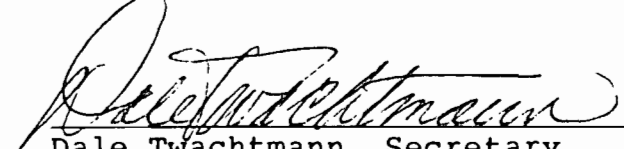
8. A minimum of 15 days prior notification of the compliance tests shall be given to DER's Central District office. The compliance test results shall be submitted to the district office within 45 days of test completion.

9. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit (F.A.C. 17-4.090).

10. An application for an operation permit must be submitted to the Central District office at least 90 days prior to the expiration date of this construction permit or within 45 days after completion of compliance testing, whichever occurs first. To properly apply for an operation permit, the applicant shall submit the appropriate application form, fee, certification that construction was completed noting any deviations from the conditions in the construction permit, and compliance test reports as required by this permit (F.A.C. 17-4.220).

Issued this 2 day  
of October, 1989

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

  
Dale Twachtmann, Secretary



State of Florida  
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

# Interoffice Memorandum

TO: Dale Twachtmann

for

FROM: Steve Smallwood *ctj*

DATE: September 29, 1989

SUBJ: Approval of Construction Permit No. AC 48-166499  
Walt Disney World Company

Attached for your approval and signature is a permit prepared by the Bureau of Air Regulation for Walt Disney World to construct the EPCOT Marina Paint Spray Booth in the Walt Disney Complex in Orange County, Florida.

No comments were received in response to the Public Notice of the Department's Intent to Issue the permit.

Day 90, after which the permit will be issued by default, is October 18, 1989.

I recommend your approval and signature.

attachment

SS/pr

*Please call  
Patty Adams  
when signed  
8-1344*

RECEIVED  
SEP 29 1989

Office of the Secretary

Check Sheet

Company Name: Walt Disney World Company  
Permit Number: ALAB-166499  
PSD Number: \_\_\_\_\_  
Permit Engineer: \_\_\_\_\_

**Application:**

- |   |                          |
|---|--------------------------|
| <input checked="" type="checkbox"/> Initial Application | Cross References:        |
| <input type="checkbox"/> Incompleteness Letters         | <input type="checkbox"/> |
| <input type="checkbox"/> Responses                      | <input type="checkbox"/> |
| <input type="checkbox"/> Waiver of Department Action    | <input type="checkbox"/> |
| <input type="checkbox"/> Department Response            |                          |
| <input type="checkbox"/> Other                          |                          |

**Intent:**

- Intent to Issue
  - Notice of Intent to Issue
  - Technical Evaluation
  - BACT or LAER Determination
  - Unsigned Permit
- Correspondence with:
- EPA
  - Park Services
  - Other
- Proof of Publication
  - Petitions - (Related to extensions, hearings, etc.)
  - Waiver of Department Action
  - Other

**Final**

**Determination:**

- Final Determination
- Signed Permit
- BACT or LAER Determination
- Other

**Post Permit Correspondence:**

- Extensions/Amendments/Modifications
- Other

In the folder labeled as follows there are documents, listed below, which were not reproduced in this electronic file. That folder can be found in one of the file drawers labeled Supplementary Documents Drawer. Folders in that drawer are arranged alphabetically, then by permit number.

**Folder Name:** Walt Disney World Company

**Permit(s) Numbered:**

AC	48	-	166499
----	----	---	--------

Period during  
which document  
was received:

Detailed Description

Period during which document was received:	Detailed Description
APPLICATION JUNE1989	1. 36"×48" BLUEPRINT: EPCOT CENTER MARINA MAINTENANCE BUILDING AIR CONDITIONING FLOOR PLAN (DRAWING NUMBER: AC-201 JDEV002.A)

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.  
 Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1.  Show to whom delivered, date, and addressee's address. (Extra charge)  
 2.  Restricted Delivery (Extra charge)

3. Article Addressed to: Mr. Cecil Robinson Walt Disney World Company P. O. Box 10,000 Lake Buena Vista, FL 32830-1000	4. Article Number P 256 396 201
	Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise
	Always obtain signature of addressee or agent and DATE DELIVERED.
5. Signature — Address X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature — Agent X	
7. Date of Delivery 9-28-90	

PS Form 3811, Mar. 1988    \* U.S.G.P.O. 1988-212-865    DOMESTIC RETURN RECEIPT

P 256 396 201  
**RECEIPT FOR CERTIFIED MAIL**  
 NO INSURANCE COVERAGE PROVIDED  
 NOT FOR INTERNATIONAL MAIL  
 (See Reverse)

U.S.G.P.O. 1989-234-555

Sent to Mr. Cecil Robinson, WDW	
Street and No. P.O. Box 10,000	
P.O., State and ZIP Code Lake Buena Vista, FL 32830	
Postage	\$ 1000
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date Mailed: 9-26-90 Permit: AC 48-166499	

PS Form 3800, June 1985





# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtman, Secretary

John Shearer, Assistant Secretary

September 18, 1990

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Cecil Robinson  
Walt Disney World Company  
P. O. Box 10,000  
Lake Buena Vista, Florida 32830-1000

Dear Mr. Robinson:

Re: Permit Extension for EPCOT Marina Paint Spray Booth  
Permit No. AC 48-166499

The Department is in agreement with your request received September 4, 1990, for an extension of the expiration date of the above referenced permit. The Department will extend the permit expiration date to allow additional time for construction and compliance testing.

Expiration Date Change

From: December 1, 1990  
To: April 30, 1991

Attachment to be Added

4. Walt Disney letter received September 4, 1990.

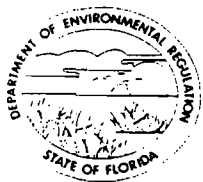
This letter must be attached to the construction permit No. AC 48-166499, and shall become a part of that permit.

Sincerely,

STEVE SMALLWOOD, P.E.  
Director  
Division of Air Resources  
Management

SS/MB/plm

c: C. Collins, C Dist.



State of Florida  
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

# Interoffice Memorandum

TO: Steve Smallwood  
FROM: Clair Fancy *CF*  
DATE: September 18, 1990  
SUBJ: Amendment to Construction Permit No. AC 48-166499  
Walt Disney World Company

Attached for your approval and signature is a letter extending the expiration date for the above referenced construction permit.

The Bureau recommends approval of this amendment.

CF/MB/plm

Attachment



WALT DISNEY World Design & Engineering

August 28, 1990

RECEIVED  
SEP 4 1990  
DER-BAQM

C. H. Fancy, P.E.  
Bureau of Air Regulation  
State of Florida  
Department of Environmental Regulation  
2600 Blairstone Road  
Tallahassee, Florida 32399-2400

Subject: FDER File No. AC48-166499

Dear Mr. Fancy:

We respectfully request an extension of the above referenced permit for completion of construction of the EPCOT Center Marina paint spray booth. Due to previous scheduling problems, this work could not be completed in time to provide the required testing prior to application for the operation permit (90 days prior to date of permit expiration).

Presently, vertical construction has begun for the foundations and structure that will be housing the paint spray booth, and equipment has been received for completion of its construction. As a result, we expect completion of the spray booth the first week in December. At that time, we will be able to perform the necessary tests prior to requests for operation permit. We, therefore, request extension of the permit to April 1991 to enable the necessary testing and 90 day minimum notification requirement for request of the operation permit.

Thank you for your time and effort on this matter. If you should have any questions, please do not hesitate to contact us.

Sincerely

Robert D. Beaver, P.E.  
Chief Civil Engineer

/ac

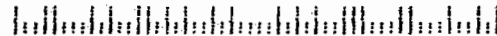
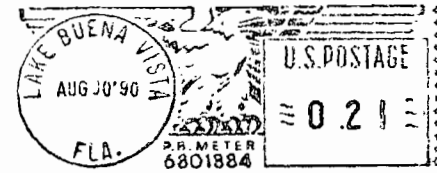


# Walt Disney World Design & Engineering

P.O. Box 10,000  
Lake Buena Vista, Florida 32830-1000

C. H. Fancy, P.E.  
Bureau of Air Regulation  
State of Florida  
Department of Environmental Regulation  
2600 Blairstone Road  
Tallahassee, Florida 32399-2400

PRESORTED  
FIRST CLASS





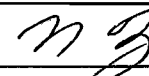
August 28, 1990  
Page Two

cc: Bill Thomas, Florida Department  
of Environmental Regulations  
Dale Unthank, Buena Vista Construction Company  
Armando Rodriguez, Walt Disney World Co.,  
Environmental Control

*m. Bailey*  
*c. Collins, c. [unclear]*

**SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.  
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3. Article Addressed to: Cecil Robinson WDW Co. P.O. Box 10,000 Lake Buena Vista, Fl 32830-1000		4. Article Number P938 762 887	
		Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise	
		Always obtain signature of addressee or agent and <u>DATE DELIVERED</u> .	
5. Signature - Address X	8. Addressee's Address (ONLY if requested and fee paid)		
6. Signature - Agent X			
7. Date of Delivery 2-3-90			

PS Form 3811, Mar. 1988 \* U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

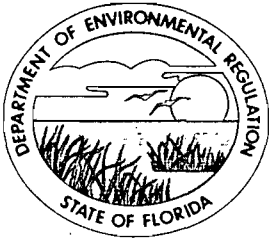
P 938 762 887

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED  
 NOT FOR INTERNATIONAL MAIL  
 (See Reverse)

Sent to Cecil Robinson	
Street and No. WDW Co - P.O. Box 10000	
P.O. State and ZIP Code Lake Buena Vista, Fl	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	

PS Form 3800, June 1985



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

January 30, 1990

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Cecil Robinson  
Walt Disney World Company  
P. O. Box 10,000  
Lake Buena Vista, Florida 32830-1000

Dear Mr. Robinson:

Re: Permit Extension for EPCOT Marina Paint Spray Booth  
Permit No. AC 48-166499

The Department is in agreement with your request received January 24, 1990, for an extension of the expiration date of the above referenced permit. The Department will extend the permit expiration date to allow additional time for construction and compliance testing.

Expiration Date Change

From: April 1, 1990

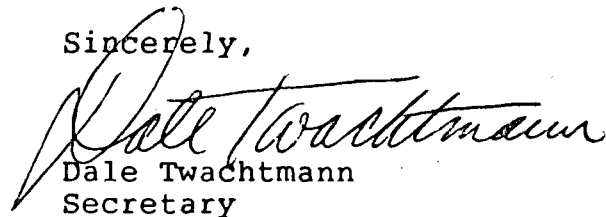
To: December 1, 1990

Attachment to be Added

4. Walt Disney letter received January 24, 1990.

This letter must be attached to the construction permit No. AC 48-166499, and shall become a part of that permit.

Sincerely,

  
Dale Twachtmann  
Secretary

DT/pr

c: C. Collins, C District



State of Florida  
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

# Interoffice Memorandum

TO: Dale Twachtmann

FROM: Steve Smallwood

DATE: January 29, 1990

SUBJ: Approval of Construction Permit Extension  
Walt Disney World Company  
EPCOT Marina Paint Spray Booth, AC 48-166499

Attached for your approval and signature is a construction permit amendment prepared by the Bureau of Air Regulation for Walt Disney World Company's EPCOT Marina Paint Spray Booth in Orange County, Florida.

I recommend your approval and signature.

SS/pr  
*ST*

Attachment





State of Florida  
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

# Interoffice Memorandum

TO: Dale Twachtmann

*for* FROM: Steve Smallwood *SS*

DATE: January 29, 1990

SUBJ: Approval of Construction Permit Extension  
Walt Disney World Company  
EPCOT Marina Paint Spray Booth, AC 48-166499

*Please call  
Patty Adams  
when signed  
8-1344*

Attached for your approval and signature is a construction permit amendment prepared by the Bureau of Air Regulation for Walt Disney World Company's EPCOT Marina Paint Spray Booth in Orange County, Florida.

I recommend your approval and signature.

SS/pr

Attachment

**RECEIVED**  
JAN 29 1990

Office of the Secretary

0399



WALT DISNEY World Co.

0399

82-91  
1021

CHECK NO.  
00679194

Walt Disney World Co.  
Lake Buena Vista, Florida 32830

679194

TWO HUNDRED DOLLARS NO CENTS

PAY TO THE ORDER OF  
DEPT OF ENVIR REGULATION  
2600 BLAIR STONE RD  
TALLAHASSEE FL 32399

DATE CHECK AMOUNT  
4-25-89 \*\*\*\*\*200.00

Walt Disney World Co.

BY

*William A. Fode*



Walt Disney World Design & Engineering

January 18, 1990

Mr. C. H. Fancy, P.E.  
Bureau of Air Regulation  
State of Florida  
Department of Environmental Regulation  
2600 Blairstone Road  
Tallahassee, Florida 32399-2400

SUBJECT: D.E.R. File No. 8C48-166499

Dear Mr. Fancy:

This letter constitutes a request for extension of the aforementioned number for construction of the EPCOT Marina paint spray booth, and subsequent required testing prior to expiration of the permit.

Present scheduling creates a need for a minimum six month extension. I appreciate your assistance in granting this extension.

Thank you for your attention to this matter. If you should have any questions, please don't hesitate to contact me.

Sincerely

Robert D. Beaver, P.E.  
Chief Civil Engineer

RDB/ac

cc:  
Mr. Bill Thomas, F.D.E.R. ✓  
Dale Unthank  
Armando Rodriquez

RECEIVED

JAN 24 1990

DER

→ cc: P. Laval  
C Collins  
CHF)JKP



WALT DISNEY World Co.

RECEIVED

SEP 25 1989  
September 20, 1989

DER-BAQM

Mr. Bill Thomas, P.E.  
Florida Department of Environmental  
Regulation  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

RE: DER File No. AC48-166499

Dear Mr. Thomas:

Enclosed is proof of publication of the Department's  
Notice of Intent to Issue a Permit for the EPCOT Center  
Marina Paint Spray Booth.

The notice was published in the Orlando Sentinel on  
September 7, 1989, and was received in my office today.

Should you require any further information, please  
do not hesitate to call me at (407) 824-6962.

Sincerely,

Armando Rodriguez  
Manager  
Environmental Control

/mm  
Encl.

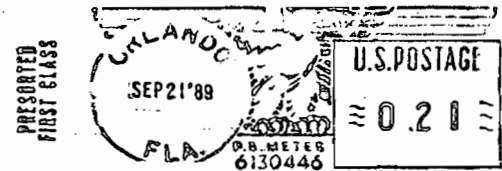
cc: Bob Beaver  
Design & Engineering

*P. Ravel*  
*C. Collins*



Walt Disney World Co.

P.O. Box 10,000  
Lake Buena Vista, Florida 32830-1000



Mr. Bill Thomas, P.E.  
Florida Department of Environmental  
Regulation  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400



# The Orlando Sentinel

Published Daily  
Orlando, Orange County, Florida

ADVERTISING CHARGE \$154.53

State of Florida )  
COUNTY OF ORANGE ) ss.

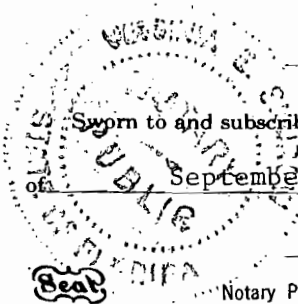
Before the undersigned authority personally appeared  
Nancy A. Puglia \_\_\_\_\_, who on oath says that  
she is the Legal Advertising Representative of the Orlando Sentinel, a Daily newspaper  
published at Orlando, in Orange County, Florida; that the attached copy of ad-  
vertisement, being a Notice of Intent to Issue in the matter of  
Permit to Walt Disney World Company  
\_\_\_\_\_ in the \_\_\_\_\_ Court,  
was published in said newspaper in the issues of \_\_\_\_\_  
September 7, 1989

Affiant further says that the said Orlando Sentinel is a newspaper published at Orlando, in  
said Orange County, Florida, and that the said newspaper has heretofore been continuously  
published in said Orange County, Florida, each Week Day and has been entered as second-  
class mail matter at the post office in Orlando, in said Orange County, Florida for a period of  
one year next preceding the first publication of the attached copy of advertisement; and af-  
fiant further says that he/she has neither paid nor promised any person, firm or corporation  
any discount, rebate, commission or refund for the purpose of securing this advertisement for  
publication in the said newspaper.

*Nancy A. Puglia*

Sworn to and subscribed before me this 7th day  
of September A.D., 19 89

*Wesley D. Sauron*



Notary Public, State of Florida at Large  
My Commission Expires February 9, 1993  
Bonded thru Brown & Brown, Inc.

Notary Public

FORM NO. AD-262

**State of Florida  
Department of Environmental  
Regulation  
Notice of Intent to Issue**

The Department of Environmental Regulation hereby gives notice of its intent to issue a permit to Walt Disney World Company, P.O. Box 10,000 Lake Buena Vista, Florida 32830-1000, to construct the EPCOT Marina Paint Spray Booth. The project will be located at the Walt Disney World complex in Orange County, Florida. A determination of Best Available Control Technology (BACT) was not required. The Department is issuing this Intent to Issue for the reasons stated in the Technical Evaluation and Preliminary Determination.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by Petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and

(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the

application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any rights such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at: Department of Environmental Regulations, Bureau of Air Quality Management, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400 Dept. of Environmental Regulation Central Florida District Office, 3319 Maquire Blvd., Suite 232, Orlando, Florida 32803-3767.

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

CL-401 Sept. 7, 1989

● **SENDER:** Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.  
 Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1.  Show to whom delivered, date, and addressee's address. (Extra charge)      2.  Restricted Delivery (Extra charge)

3. Article Addressed to: Mr. Cecil Robinson Walt Disney World Company P. O. Box 10,000 Lake Buena Vista, FL 32830-1000	4. Article Number P 938 762 656
	Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise
	Always obtain signature of addressee or agent and DATE DELIVERED.
5. Signature — Address X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature — Agent X <i>RS 8-23-85</i>	
7. Date of Delivery	

PS Form 3811, Mar. 1988      \* U.S.G.P.O. 1988-212-865      DOMESTIC RETURN RECEIPT

P 938 762 656

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED  
 NOT FOR INTERNATIONAL MAIL  
 (See Reverse)

Sent to Mr. Cecil Robinson	
Street and No. P.O. Box 10,000	
P.O. State and ZIP Code Lake Buena Vista, FL 32830-1000	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date Permit: AC 48-166499 Mailed: 8-21-89	

PS Form 3800, June 1985



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

August 18, 1989

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Cecil Robinson  
Walt Disney World Company  
P. O. Box 10,000  
Lake Buena Vista, FL 32830-1000

Dear Mr. Robinson:

Attached is one copy of the Technical Evaluation and Preliminary Determination and proposed permit for Walt Disney World to construct the EPCOT Marina Paint Spray Booth described in the application at the Disney Complex in Orange County, Florida.

Please submit any written comments you wish to have considered concerning the Department's proposed action to Mr. Bill Thomas of the Bureau of Air Quality Management.

Sincerely,

*C. H. Fancy*  
for C. H. Fancy, P.E.  
Deputy Chief  
Bureau of Air Quality  
Management

CHF/pr

Attachments

cc: C. Collins, CF District  
R. Beaver, P.E., WDW



BEFORE THE STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

In the Matter of  
Application for Permit by:

Walt Disney World Company  
Post Office Box 10,000  
Lake Buena Vista, FL 32830-1000

DER File No. AC 48-166499

---

INTENT TO ISSUE

The Department of Environmental Regulation hereby gives notice of its intent to issue a permit (copy attached) for the proposed project as detailed in the application specified above. The Department is issuing this Intent to Issue for the reasons stated in the attached Technical Evaluation and Preliminary Determination.

The applicant, Walt Disney World Company, applied on July 22, 1989, to the Department of Environmental Regulation for a permit to construct the EPCOT Marina Paint Spray Booth at the Disney Complex in Orange County, Florida.

The Department has permitting jurisdiction under Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 and 17-4. The project is not exempt from permitting procedures. The Department has determined that an air construction permit is required for the proposed work.

Pursuant to Section 403.815, F.S. and DER Rule 17-103.150, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Intent to Issue Permit. The notice shall be published one time only within 30 days, in the legal ad section of a newspaper of general circulation in the area affected. For the purpose of this rule, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. The applicant shall provide proof of publication to the Department, at the address specified within seven days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

The Department will issue the permit with the attached conditions unless a petition for an administrative proceeding (hearing) is filed pursuant to the provisions of Section 120.57, F.S.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Petitions filed by the permit applicant and the parties listed below must be filed within 14 days of receipt of this intent. Petitions filed by other persons must be filed within 14 days of publication of the public notice or within 14 days of receipt of this intent, whichever first occurs. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information;

(a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;

(b) A statement of how and when each petitioner received notice of the Department's action or proposed action;

(c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;

(d) A statement of the material facts disputed by Petitioner, if any;

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and

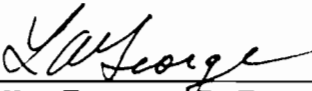
(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the applicant have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office in General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such

person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

Executed in Tallahassee, Florida

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

  
to C. H. Fancy, P.E.  
Deputy Chief  
Bureau of Air Quality  
Management

Copies furnished to:

C. Collins, CF District  
R. Beaver, PE, WDW

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF INTENT TO ISSUE and all copies were mailed before the close of business on August 21, 1989.

FILING AND ACKNOWLEDGEMENT  
FILED, on this date, pursuant to  
§120.52(9), Florida Statutes, with  
the designated Department Clerk,  
receipt of which is hereby  
acknowledged.

Martha J. Wise August 21, 1989  
Clerk Date

State of Florida  
Department of Environmental Regulation  
Notice of Intent to Issue

The Department of Environmental Regulation hereby gives notice of its intent to issue a permit to Walt Disney World Company, P. O. Box 10,000, Lake Buena Vista, Florida 32830-1000, to construct the EPCOT Marina Paint Spray Booth. The project will be located at the Walt Disney World complex in Orange County, Florida. A determination of Best Available Control Technology (BACT) was not required. The Department is issuing this Intent to Issue for the reasons stated in the Technical Evaluation and Preliminary Determination.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

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- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by Petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

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The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Department of Environmental Regulation  
Bureau of Air Quality Management  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Dept. of Environmental Regulation  
Central Florida District Office  
3319 Maguire Blvd., Suite 232  
Orlando, Florida 32803-3767

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

Technical Evaluation  
and  
Preliminary Determination

Walt Disney World Company  
Lake Buena Vista, Orange County, Florida

EPCOT Marina Paint Spray Booth

Source ID # WDW-33

Permit Number AC 48-166499

Florida Department of Environmental Regulation  
Bureau of Air Quality Management  
Central Air Permitting

August 18, 1989

## I. Application

### A. Applicant

Walt Disney World Company  
Post Office Box 10,000  
Lake Buena Vista, Florida 32830-1000

### B. Project and Location

The applicant proposes to construct a paint spray booth (WDW-33) at the EPCOT Center Marina in the Walt Disney World Complex, Lake Buena Vista, Orange County, Florida. The paint booth will emit particulate matter (PM), particulates less than 10 microns in size (PM<sub>10</sub>), and volatile organic compounds (VOCs).

The UTM coordinates of this facility are Zone 17, 443.5 km East and 3144.2 km North.

### C. Facility Category

The Walt Disney complex as a whole is a minor facility in accordance with Rule 17-2.100 of the Florida Administrative Code (F.A.C.). The Disney complex can be further classified in accordance with the Standard Industrial Classification (SIC) Code as follows (see List 1 attached), in accordance with 40 CFR 52.21:

1. Industry No. 7011, Hotels and Motels
2. Industry No. 7218, Industrial Launderers
3. Industry No. 7812, Motion Picture and Video Tape Production
4. Industry No. 7996, Amusement Parks

The paint booth will be a part of the Amusement Park industry. It is classified in accordance with the NEDS Source Classification Code (SCC) as 4-02-001-10, Solvent Based Paint.

Walt Disney's application was received and deemed complete on June 22, 1989.

## II. Project Description

The paint booth will be used to paint miscellaneous items (using Ameri-Flint paint) including show vehicles, passenger launches used in the World Showcase Lagoon, and other equipment.

Particulate emissions from the paint booth will be controlled by Binks model 29-893 filters. The filters are not expected to control VOC emissions.



### III. Rule Applicability

The proposed project will emit the pollutants PM/PM<sub>10</sub> and VOCs, and is subject to a preconstruction review in accordance with Chapters 17-2 and 17-4 of the Florida Administrative Code (F.A.C.); and, Chapter 403 of the Florida Statutes.

At the Disney complex, each of the four SIC facilities are minor in accordance with F.A.C. Rule 17-2.100. This includes the Amusement Park facility in which the paint booth will be located.

The Walt Disney complex is located in Orange and Osceola Counties. The project being evaluated is located in Orange County, an area designated as an Air Quality Maintenance Area for ozone and attainment for the other criteria pollutants, in accordance with F.A.C. Rules 17-2.460 and 17-2.420, respectively.

The proposed project is not subject to the new source review requirements of F.A.C. Rule 17-2.500(5), Prevention of Significant Deterioration (PSD)-Preconstruction Review Requirements, because it will be a minor modification to a minor facility in accordance with F.A.C. Rule 17-2.500(2)(d)3.

The proposed project is subject to F.A.C. Rule 17-2.520, Sources Not Subject to PSD or Nonattainment Requirements.

The proposed project is not subject to the standards in F.A.C. Rule 17-2.650, Reasonably Available Control Technology (RACT) for VOCs.

The paint spray booth, WDW-33, is subject to F.A.C. Rule 17-2.620, General Pollutant Emission Limiting Standards, prohibiting objectionable odors and requiring good work practices to minimize VOC emissions.

The proposed project is subject to the compliance testing and reporting requirements of F.A.C. Rule 17-2.700. Compliance tests for the paint spray booth will be conducted using EPA Method 9 for VE, and EPA Method 24 for VOC, in accordance with the July 1, 1988 version of 40 CFR 60, Appendix A.

### IV. Source Impact Analysis

#### A. Emission Limitations

The estimated maximum emissions from the paint spray booth are tabulated below. The hourly emission limitation is based on the applicant's submissions. The monthly emission limitation is based on a calendar month (maximum of 31 days). The annual

emission limitation is based on 3120 annual operating hours and 300 gallons per year coating usage, including thinner and cleanup solvents:

<u>Pollutant</u>	<u>lb/hr</u>	<u>lb/month</u>	<u>TPY</u>
PM/PM <sub>10</sub>	0.05	14.0	0.08
VOC	----	166.0	0.93

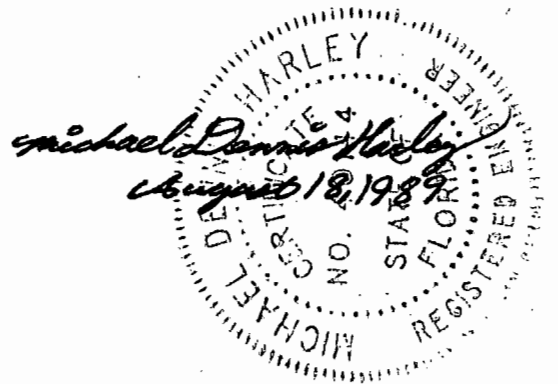
Visible emissions will be limited to 20% opacity. However, it should be noted that no visible emissions are expected under normal operation.

#### B. Air Quality Impact Analysis

The information supplied by the applicant indicates that an ambient air quality analysis is not required.

#### IV. Conclusion

Based on the information provided by the applicant, the Department has reasonable assurance that the EPCOT Marina Paint Spray Booth in the Walt Disney Complex, Orange County, Florida, as described in this evaluation, and subject to the conditions proposed herein, will not cause or contribute to a violation of any ambient air quality standard, PSD increment, or any other technical provision of Chapter 17-2 of the Florida Administrative Code.



List 1

DISNEY COMPLEX - SIC CLASSIFICATION

1. Industry No. 7011: Hotels and Motels

LBVCV Paint Spray Booth #1	WDW-27	LBVCV*
LBVCV Paint Spray Booth #2	WDW-28	LBVCV
Golf Course PSB*	WDW-29	Disney Inn
LBVCV Carpenter Shop	WDW-30	LBVCV
Caribbean Beach Resort PSB	WDW-32	Caribbean BR*
Service Bldg. Boiler	CBB-1	Caribbean BR
Grand Floridian Boilers	GFB-1 thru GFB-19	Grand Fla. Hotel

\*LBVCV: Lake Buena Vista Community Village

\*PSB: Paint Spray Booths

\*BR: Beach Resort

2. Industry No. 7218: Industrial Launderers

Dry Cleaning Plant	DCP-1	North Service Area*
Laundry Boilers (#1, #2, #3)	LBB-1	NSA
Laundry Boiler (#4)	LBB-2	NSA

\*NSA: North Service Area

3. Industry No. 7812: Motion Picture and Video Production

Studio Craft PSB	WDW-21	Studio Tours
Studio Craft Carpenter Shop	WDW-22	Studio Tours
Studio Tours Boilers	STB-1 thru STB-8	Studio Tours

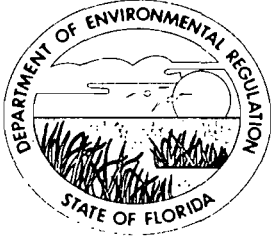
4. Industry No. 7996: Amusement Parks

Staff Shop Spray Booth #1	WDW-1	NSA
Staff Shop Spray Booth #2	WDW-2	NSA

Water Wash Plastisol Booth #1	WDW-3	NSA
Cool Room Carpenter Shop	WDW-4	NSA
Metalizing Spray Booth	WDW-5	NSA
Lofting Bldg. PSB	WDW-6	NSA
Sawdust Collector Baghouse	WDW-7	NSA
Paint Shop Spray Booth #1	WDW-8	NSA
Paint Shop Spray Booth #2	WDW-9	NSA
Paint Shop Spray Booth #3	WDW-10	NSA
Paint Shop Spray Booth #4	WDW-11	NSA
Paint Shop Spray Booth #5	WDW-12	NSA
Sandblasting Chamber	WDW-13	NSA
Character Head Spray Box	WDW-17	NSA
Artists' Preparation Shop	WDW-20	NSA
Entertainment Support PSB	WDW-23	Magic Kingdom
EPCOT PSB #1	<u>WDW-24</u>	EPCOT Center
EPCOT PSB #2	<u>WDW-25</u>	EPCOT Center
Buena Vista Construction PSB	WDW-26	BV Construction Co.
River and Pool Heaters	TLB-1 thru TLB-4	Typhoon Lagoon
EPCOT Marina PSB	WDW-33	EPCOT Center

Note: Walt Disney sources outside of the Disney Complex are as follows:

Regency Industrial Park Paint PSB #1	RIP-1	Regency Industrial Park, Orlando
Regency Industrial Park Paint PSB #2	RIP-2	RIP
Regency Industrial Park Paint PSB #3	RIP-3	RIP
Regency Industrial Park Paint PSB #4	RIP-4	RIP



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

**PERMITTEE:**

Walt Disney World Company

Post Office Box 10,000

Lake Buena Vista, FL 32830-1000

Permit Number: AC 48-166499

Expiration Date: April 1, 1990

County: Orange

Latitude/Longitude: 28°24'05"N  
81°35'12"W

Project: EPCOT Marina Paint  
Spray Booth, WDW-33

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rule(s) 17-2 and 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:

For the construction of a paint spray booth utilizing Binks Model 29-893 filters to control particulate emissions. Three exhaust stacks will be connected to a manifold which will be attached to 2 filter banks consisting of a total of 124 filters 2 ft x 2 ft each. The total material usage at this booth will be 300 gallons per year.

The paint spray booth will be located at the EPCOT Marina, part of the Disney complex in Orange County, Florida.

The UTM coordinates of this facility are Zone 17, 443.5 km East and 3144.2 km North.

The source shall be in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

Attachments are listed below:

1. Walt Disney's application received June 22, 1989.
2. Preliminary Determination dated August 18, 1989.

PERMITTEE:  
Walt Disney World Co.

Permit Number: AC 48-166499  
Expiration Date: April 1, 1990

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the permittee and enforceable pursuant to the authority of Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is hereby placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the permittee, its agents, employees, servants or representatives.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefor caused by the construction or operation of this permitted source, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

PERMITTEE:  
Walt Disney World Co.

Permit Number: AC 48-166499  
Expiration Date: April 1, 1990

GENERAL CONDITIONS:

6. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

- a. Having access to and copying any records that must be kept under the conditions of the permit;
- b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately notify and provide the Department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

PERMITTEE:  
Walt Disney World Co.

Permit Number: AC 48-166499  
Expiration Date: April 1, 1990

**GENERAL CONDITIONS:**

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the Department, may be used by the Department as evidence in any enforcement case arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.12 and 17-30.30, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. The permittee shall comply with the following monitoring and record keeping requirements:

a. Upon request, the permittee shall furnish all records and plans required under Department rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the Department, during the course of any unresolved enforcement action.

b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by Department rule.



PERMITTEE:  
Walt Disney World Co.

Permit Number: AC 48-166499  
Expiration Date: April 1, 1990

**GENERAL CONDITIONS:**

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurements;
- the person responsible for performing the sampling or measurements;
- the date(s) analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

14. When requested by the department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be submitted or corrected promptly.

**SPECIFIC CONDITIONS:**

1. The EPCOT Marina Paint Spray Booth shall operate for no more than 3120 hours annually (12 hrs/day, 5 days/week, 52 weeks/yr).

2. The maximum aggregate total material utilization rate of Ameri-Flint paint, thinners, and cleanup solvents shall neither exceed 30 gallons per month nor 300 gallons per year.

3. The maximum allowable emissions shall not exceed:

Pollutant	lb/hr	Emissions	
		lb/month	TPY
PM/PM <sub>10</sub>	0.05	14.0	0.08
VOC	----	166.0	0.93

Visible Emissions shall not exceed 20% opacity. Under normal operations, no visible emissions are expected.

The monthly emission limit is based on a calendar month (a maximum of 31 days). The annual emission limit is based on 3120 hrs/yr of operation and 300 gallons of coating, thinners, and cleanup solvent usage. Compliance with the monthly emission limits shall be demonstrated using the monthly material inventory data, while compliance with the annual emission limits shall be demonstrated using a 12-month rolling basis, based on the inventory data.

PERMITTEE:  
Walt Disney World Co.

Permit Number: AC 48-166499  
Expiration Date: April 1, 1990

**SPECIFIC CONDITIONS:**

4. The permittee shall comply with F.A.C. Rule 17-2.620(1)(a), whereby no person shall store, pump, handle, process, load, unload or use in any process or installation volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department. To comply, the procedures to minimize pollutant emissions shall include but not be limited to the following:

- a) tightly cover or close all VOC containers when they are not in use,
- b) tightly cover, where possible, all open troughs, basins, baths, tanks, etc., when they are not in use,
- c) maintain all piping, valves, fittings, etc., in good operating condition,
- d) prevent excessive air turbulence across exposed VOC's,
- e) immediately confine and cleanup VOC spills and make certain that wastes are placed in closed containers for reuse, recycling or proper disposal, and
- f) maintain a monthly accounting of each VOC based on beginning and ending inventories, deliveries, shipments, etc.

5. No objectionable odors shall be allowed, in accordance with F.A.C. Rule 17-2.620.

6. Initial and annual compliance tests to show compliance with the emission limits in Specific Condition (S.C.) 3 shall be conducted in accordance with the July 1, 1988 version of 40 CFR 60, Appendix A, using:

- a. EPA Method 9 for visible emissions.
- b. EPA Method 24 for VOC, or manufacturers specifications and material balance (using information from S.C. 4.f. on inventory).

Particulate compliance tests using EPA Method 5 may be required by the Department if warranted by VE test results.

7. Any change in the method of operation, raw materials, equipment or operating hours shall be submitted to DER's Central Florida District office for approval.

PERMITTEE:  
Walt Disney World Co.

Permit Number: AC 48-166499  
Expiration Date: April 1, 1990

**SPECIFIC CONDITIONS:**

8. A minimum of 15 days prior notification of the compliance tests shall be given to DER's Central Florida District office. The compliance test results shall be submitted to the district office within 45 days of test completion.

9. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the BAQM prior to 60 days before the expiration of the permit (F.A.C. 17-4.090).

10. An application for an operation permit must be submitted to the Central Florida District office at least 90 days prior to the expiration date of this construction permit or within 45 days after completion of compliance testing, whichever occurs first. To properly apply for an operation permit, the applicant shall submit the appropriate application form, fee, certification that construction was completed noting any deviations from the conditions in the construction permit, and compliance test reports as required by this permit (F.A.C. 17-4.220).

Issued this \_\_\_\_\_ day  
of \_\_\_\_\_, 1989

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

---

Dale Twachtmann, Secretary

Attachments Available Upon Request



# Walt Disney World Design & Engineering

June 19, 1989

Mr. C. H. Fancy  
Deputy Chief  
Bureau of Air Quality Management  
Florida Department of Environmental Regulation  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

Dear Mr. Fancy:

Enclosed please find four copies of the permit application and plans to construct an air pollution source at the EPCOT Center Facilities Center at the WALT DISNEY WORLD Resort. A check in the amount of \$200.00 was previously forwarded to your office by our Accounts Payable Department for processing of the application.

Please let us know if any further information is needed for processing of the application.

Sincerely yours,

*Robert D. Beaver*  
*FOR* Robert D. Beaver, P.E.  
Chief Civil Engineer

RECEIVED

JUN 22 1989

DER - BAQM

RB/kd

cc: Ben Algee, EPCOT Center Industrial Engineering  
Bob Penn, Environmental Affairs

*copied: P. Raval  
C. Collins*

REMITTANCE ADVICE:  
 PAYING AGENT FOR... WALT DISNEY WORLD CO.



Walt Disney World Co.

DATE
4-25-89
03 5A

679194

CHECK NO.
00679194
15899

DATE	INVOICE OR CREDIT MEMO NUMBER	TYPE	DESCRIPTION	REFERENCE NO.	GROSS	AMOUNTS DISCOUNTS	NET
32089	AIR PERMIT		REVIEW FEE	56 042489	20000		20000
<b>TOTAL</b>					20000		20000

THE ATTACHED CHECK IS IN PAYMENT FOR ITEMS DESCRIBED ABOVE.

AC 48-166499

\$200 pd.  
6-22-89  
Sept. 117631

DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING  
2600 BLAIR STONE ROAD  
TALLAHASSEE, FLORIDA 32301



RECEIVED

JUN 22 1989

DER-BAOM

BOB GRAH  
GOVERNOR

VICTORIA J. TSCHINK  
SECRETARY

APPLICATION TO OPERATE/CONSTRUCT AIR POLLUTION SOURCES

SOURCE TYPE: Paint Spray Booth  New<sup>1</sup>  Existing<sup>1</sup>

APPLICATION TYPE:  Construction  Operation  Modification

COMPANY NAME: Walt Disney World Co. COUNTY: Orange

Identify the specific emission point source(s) addressed in this application (i.e. Line  
Kiln No. 4 with Venturi Scrubber; Peaking Unit No. 2, Gas Fired) EPCOT Center Spray Bo

SOURCE LOCATION: Street Avenue of the Stars City Lake Buena Vista

UTM: East \_\_\_\_\_ North \_\_\_\_\_

Latitude 28° 22' 15" N Longitude 81° 32' 33" W

APPLICANT NAME AND TITLE: Walt Disney World Co.

APPLICANT ADDRESS: P.O. Box 10,000, Lake Buena Vista, FL 32830

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

A. APPLICANT

I am the undersigned owner or authorized representative\* of Walt Disney World Co.

I certify that the statements made in this application for a Construction permit are true, correct and complete to the best of my knowledge and belief. Further, I agree to maintain and operate the pollution control source and pollution control facilities in such a manner as to comply with the provision of Chapter 403, Florida Statutes, and all the rules and regulations of the department and revisions thereof. I also understand that a permit, if granted by the department, will be non-transferable and I will promptly notify the department upon sale or legal transfer of the permitted establishment.

\*Attach letter of authorization

Signed Cecil W. Robinson

Cecil Robinson, Director of Maintenance  
Name and Title (Please Type)

Date: 6/15/89 Telephone No. (407) 824-6392

B. PROFESSIONAL ENGINEER REGISTERED IN FLORIDA (where required by Chapter 471, F.S.)

This is to certify that the engineering features of this pollution control project have been designed/examined by me and found to be in conformity with modern engineering principles applicable to the treatment and disposal of pollutants characterized in the permit application. There is reasonable assurance, in my professional judgment, that

See Florida Administrative Code Rule 17-2.100(57) and (104)

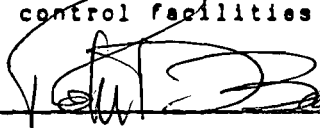
DER Form 17-1.202(1)

Effective October 31, 1982

Page 1 of 12

the pollution control facilities, when properly maintained and operated, will discharge an effluent that complies with all applicable statutes of the State of Florida and the rules and regulations of the department. It is also agreed that the undersigned will furnish, if authorized by the owner, the applicant a set of instructions for the proper maintenance and operation of the pollution control facilities and, if applicable, pollution sources.

Signed \_\_\_\_\_



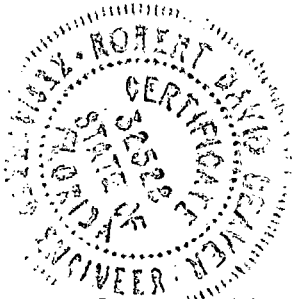
Robert D. Beaver, P.E.

Walt Disney World Co. Name (Please Type)  
Design & Engineering

P.O. Box 10,000 Company Name (Please Type)  
Lake Buena Vista, FL 32830

Mailing Address (Please Type)

Florida Registration No. 32528 Date: 3/10/89 Telephone No. 407-828-1584



SECTION II: GENERAL PROJECT INFORMATION

A. Describe the nature and extent of the project. Refer to pollution control equipment, and expected improvements in source performance as a result of installation. State whether the project will result in full compliance. Attach additional sheet if necessary.

Construction/installation of paint spray booth with BINKS air filters. This booth will be used for spray coating show vehicles, including passenger launches used in World Showcase Lagoon, and other miscellaneous equipment.  
The project will result in full compliance.

B. Schedule of project covered in this application (Construction Permit Application Only)

Start of Construction May/June 1989 Completion of Construction November 1989

C. Costs of pollution control system(s): (Note: Show breakdown of estimated costs only for individual components/units of the project serving pollution control purposes. Information on actual costs shall be furnished with the application for operation permit.)

Approximately \$220,000 total cost.

\$43,200 for air supply/exhaust system (including filters)

\$52,000

D. Indicate any previous DER permits, orders and notices associated with the emission point, including permit issuance and expiration dates.

This is a new source



E. Requested permitted equipment operating time: hrs/day 12 ; days/wk 5 ; wks/yr 52 ;  
if power plant, hrs/yr \_\_\_\_\_ ; if seasonal, describe: Not seasonal

F. If this is a new source or major modification, answer the following questions.  
(Yes or No)

1. Is this source in a non-attainment area for a particular pollutant? No  
a. If yes, has "offset" been applied? \_\_\_\_\_  
b. If yes, has "Lowest Achievable Emission Rate" been applied? \_\_\_\_\_  
c. If yes, list non-attainment pollutants. \_\_\_\_\_

2. Does best available control technology (BACT) apply to this source?  
If yes, see Section VI. No

3. Does the State "Prevention of Significant Deterioration" (PSD)  
requirement apply to this source? If yes, see Sections VI and VII. No

4. Do "Standards of Performance for New Stationary Sources" (NSPS)  
apply to this source? No

5. Do "National Emission Standards for Hazardous Air Pollutants"  
(NESHAP) apply to this source? No

H. Do "Reasonably Available Control Technology" (RACT) requirements apply  
to this source? No

a. If yes, for what pollutants? \_\_\_\_\_

b. If yes, in addition to the information required in this form,  
any information requested in Rule 17-2.650 must be submitted.

Attach all supportive information related to any answer of "Yes". Attach any justifi-  
cation for any answer of "No" that might be considered questionable.

No RACT guidelines exist for the variety of objects being painted.  
Specifically, 17-2.650 (f) 14, F.A.C. is not applicable.

SECTION III: AIR POLLUTION SOURCES & CONTROL DEVICES (Other than Incinerators)

A. Raw Materials and Chemicals Used in your Process, if applicable:

Description	Contaminants		Utilization Rate - lbs/hr	Relate to Flow Diagram
	Type	% Wt		
Ameri-Flint Paint	Particulate	29%		
	VOC	71%		

B. Process Rate, if applicable: (See Section V, Item 1)

1. Total Process Input Rate (lbs/hr): N/A

2. Product Weight (lbs/hr): N/A

C. Airborne Contaminants Emitted: (Information in this table must be submitted for each emission point, use additional sheets as necessary)

Name of Contaminant	Emission <sup>1</sup>		Allowed Emission Rate per Rule 17-2	Allowable <sup>3</sup> Emission lbs/hr	Potential <sup>4</sup> Emission		Relate to Flow Diagram
	Maximum lbs/hr	Actual T/yr			lbs/yr	T/yr	
Particulate	0.05	0.08			2616	1.3	
VOC	0.60	0.93			1857	0.93	

<sup>1</sup>See Section V, Item 2. Based on 3120 Hr/Yr and 300 gal/yr.

<sup>2</sup>Reference applicable emission standards and units (e.g. Rule 17-2.600(5)(b)2. Table II, E. (1) - 0.1 pounds per million BTU heat input)

<sup>3</sup>Calculated from operating rate and applicable standard.

<sup>4</sup>Emission, if source operated without control (See Section V, Item 3).

J. Control Devices: (See Section V, Item 4)

Name and Type (Model & Serial No.)	Contaminant	Efficiency	Range of Particles Size Collected (in microns) (If applicable)	Basis for Efficiency (Section V Item 5)
Binks-Model 29-893	Particulate	94%		MFR's
(12 filters, each 20"X25") on 2 exhaust points 124 frames w/2 filters each (248 filters) - 20"x20" ea	VOC	0%		Data

E. Fuels N/A

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	avg/hr	max./hr	

\*Units: Natural Gas--MMCF/hr; Fuel Oils--gallons/hr; Coal, wood, refuse, other--lbs/hr.

Fuel Analysis:

Percent Sulfur: \_\_\_\_\_ Percent Ash: \_\_\_\_\_

Density: \_\_\_\_\_ lbs/gal Typical Percent Nitrogen: \_\_\_\_\_

Heat Capacity: \_\_\_\_\_ BTU/lb \_\_\_\_\_ BTU/gal

Other Fuel Contaminants (which may cause air pollution): \_\_\_\_\_

F. If applicable, indicate the percent of fuel used for space heating.

Annual Average N/A Maximum \_\_\_\_\_

G. Indicate liquid or solid wastes generated and method of disposal.

Any liquid or solid hazardous wastes generated will be handled through the Walt Disney World Co. Hazardous Waste Program. Any non-hazardous waste will be handled through the Walt Disney World solid waste system.



Brief description of operating characteristics of control devices: \_\_\_\_\_

Ultimate disposal of any effluent other than that emitted from the stack (scrubber water, ash, etc.):

NOTE: Items 2, 3, 4, 6, 7, 8, and 10 in Section V must be included where applicable.

#### SECTION V: SUPPLEMENTAL REQUIREMENTS

Please provide the following supplements where required for this application.

1. Total process input rate and product weight -- show derivation [Rule 17-2.100(127)]
2. To a construction application, attach basis of emission estimate (e.g., design calculations, design drawings, pertinent manufacturer's test data, etc.) and attach proposed methods (e.g., FR Part 60 Methods 1, 2, 3, 4, 5) to show proof of compliance with applicable standards. To an operation application, attach test results or methods used to show proof of compliance. Information provided when applying for an operation permit from a construction permit shall be indicative of the time at which the test was made.
3. Attach basis of potential discharge (e.g., emission factor, that is, AP42 test).
4. With construction permit application, include design details for all air pollution control systems (e.g., for baghouse include cloth to air ratio; for scrubber include cross-section sketch, design pressure drop, etc.)
5. With construction permit application, attach derivation of control device(s) efficiency. Include test or design data. Items 2, 3 and 5 should be consistent: actual emissions = potential (1-efficiency).
6. An 8 1/2" x 11" flow diagram which will, without revealing trade secrets, identify the individual operations and/or processes. Indicate where raw materials enter, where solid and liquid waste exit, where gaseous emissions and/or airborne particles are evolved and where finished products are obtained.
7. An 8 1/2" x 11" plot plan showing the location of the establishment, and points of airborne emissions, in relation to the surrounding area, residences and other permanent structures and roadways (Example: Copy of relevant portion of USGS topographic map).
8. An 8 1/2" x 11" plot plan of facility showing the location of manufacturing processes and outlets for airborne emissions. Relate all flows to the flow diagram.

ATTACHMENT 1

SECTION III

A. PAINT, AMER-FLINT, RED  
PARTICULATE CALCULATIONS, BASED ON 1 GALLON OF RED  
PAINT (WORST CASE)

<u>PRODUCT #</u>	<u>% GAL.</u>	<u>WT/GALLONS*</u>	<u>LB/GAL OF COMPONENT</u>
#335	11.6%	@ 9 LB/GAL	= 1.04
#351	29.1%	@9.8 LB/GAL	= 2.85
#326	19.2%	@9.0 LB/GAL	= 1.73
CATALYST #610	20.0%	@8.5 LB/GAL	= 1.70
THINNER LT878	<u>20.0%</u> 100 %	@6.98 LB/GAL	= <u>1.40</u> 8.72 LB/GAL

8.72 LB/GAL PARTICULATE

V.O.C. - CALCULATIONS

<u>PRODUCT #</u>	<u>% VOLATILE*</u>	<u>WT/GAL</u>	<u>VOC/GAL</u>
#335	60%	@1.04	= 0.624
#351	50%	@2.85	= 1.425
#326	60%	@1.73	= 1.038
CATALYST #610	100%	@1.70	= 1.70
THINNER (LT 878)	100%	@1.40	= <u>1.40</u> 6.187 LB/GAL VOC'S

6.19 LB/GAL VOC'S

<u>6.19 LB VOC/GAL</u>	=	71% VOC
8.72 LB/GAL		
<u>8.72 - 6.19</u>	=	29% PARTICULATE
8.72		

\*BASED ON MANUFACTURER'S MATERIAL SAFETY DATA SHEET.

ATTACHMENT 2

III. C. POTENTIAL EMISSION

ANNUAL AMOUNT OF PAINT SPRAYED            300 GAL/YR

FROM III A.

8.72 LB/GAL PART. X 300 GAL/YR            =        2616 LB/YR PART

6.19 LB/GAL VOC'S X 300 GAL/YR            =        1857 LB/YR VOC

$\frac{2616 \text{ LB/YR}}{2000 \text{ LB/TN}}$  PARTICULATE            =        1.3 T/YR

$\frac{1857 \text{ LB/YR}}{2000 \text{ T/YR}}$  VOC'S                            =        0.93 T/YR

III. C. EMISSION

HOUR PER YEAR CALCULATION

$\frac{5 \text{ DAYS}}{1 \text{ WEEK}} \times 12 \text{ HR/DY} \times 52 \text{ WK/YR}$             =        3120 HR/YR

PARTICULATE EMISSION

$\frac{2616 \text{ LB/YR}}{3120 \text{ HR/YR}} \times (1 - 94\% \text{ EFFICIENCY})$             =        0.050 LB/HR

$\frac{2616 \text{ LB/YR}}{2000 \text{ LB/R}}$  X (1 - 94% EFFICIENCY)            =        0.078 T/YR

VOC EMISSION

$\frac{1857 \text{ LB/YR}}{3120 \text{ HR/YR}}$                             =        0.60 LB/HR

$\frac{1857 \text{ LB/YR}}{2000 \text{ LB/T}}$                             =        0.93 T/YR

### ATTACHMENT 3

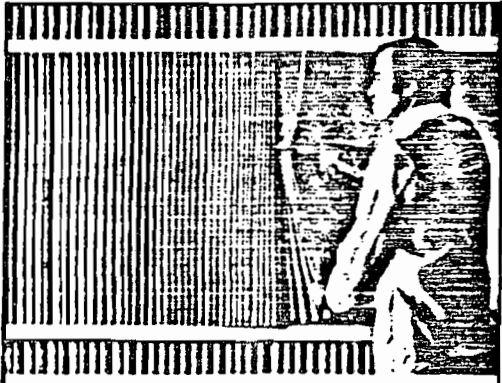
The calculations in Attachment 1 and 2 were made using the following conservative assumptions:

1. Red paint is used as the basis for the calculations because it contains the largest percentage (worst case) of VOC's.
2. Potential particulate matter emissions are conservatively assumed to be equal to all solvent and coating materials being sprayed in the booth. The actual particulate matter emissions are 6 percent of potential emissions based on manufacturer's specifications.
3. Actual and Potential VOC emissions were assumed to be the same because no VOC controls will be used in the booth. All VOC's used are conservatively assumed to be emitted to the atmosphere.
4. Potential emissions were calculated without consideration for any emission control.





**SUPPLY AIR AND EXHAUST AIR FILTERS  
FLAME RETARDANT PAPER**



**Andreae Exhaust Air Filter**

The Binks Andreae filter provides a low resistance filtering system for all dry spray booths. A staggered hole pattern in the filter forces the spray-laden air to change direction 4 times in its passage through the system for extremely efficient separation of paint particles and exhaust air. Andreae filters outlast any other dry filter three to five times.

The media is made of special non-fire supporting paper formed into double accordian folds. It is collapsible for convenient storage.

Andreae Filters have a Class 2 listing by Underwriters' Laboratories and are Factory Mutual approved.

- 29-359, one pack, 3' high x 30' wide, shpg. wt. 20 lbs.
- 29-360, 6 packs, 3' high x 30' wide, shpg. wt. 120 lbs.
- 29-813, for Exhaust-O-Bench, one pack, 18" high x 30" wide, shpg. wt. 10 lbs.

**Paint Arrestor Exhaust Air Filter**

Binks Paint Arrestor filter is a specially treated fiber designed to remove paint particles efficiently from spray booth exhaust air. Class 2 listed by Underwriters' Laboratories.

Easily installed and removed, the filters are mounted two per frame.

- 29-102\* 20" x 20" x 3" Filter Frame. Shpg. wt. 4 lbs.
- 29-106 20" x 25" x 3" Filter Frame. Shpg. wt. 6 lbs.
- 29-861† Filter Grid (single, pair not needed) for 20" x 20" x 3" filter frame. Holds two Model 29-893 Filters. Shpg. wt. 1 lb.
- 29-894† Filter Grid (single, pair not needed) for 20" x 25" x 3" frame. Shpg. wt. 2 lbs.
- 29-862† Filter Grid for 10" x 20" x 3" filter frame. Holds one Model 29-893 Filter (folded) Shpg. wt. 1 lb.

- 29-893 20" x 20" x 1" Filter Pads, carton of 36. Shpg. wt. 25 lbs.
- 29-897 20" x 25" x 1" Filter Pads, carton of 36. Shpg. wt. 30 lbs.

\*Also usable for framing spun glass air intake filters, Model 29-105.  
†See illustration page 22.

**Tight-seal Supply Air Filter**

For a cleaner paint job; to be used in filter doors or in the air supply plenum attached to the booth. Filter has a special tacky surface that traps and holds dust. Class 2 listed by Underwriters' Laboratories.

Each filter is one inch over size for better sealing and has internal wire reinforcing frame. Size 20" x 20", x 1".

- 29-486, one carton of 20 filters. Shpg. wt. 2 lbs.

**Spun Glass Supply Air Filter**

For use in spray booth or room filter doors. Provides economical, highly efficient filtering, and promotes uniform distribution of air over face of booth. Class 2 listed by Underwriters' Laboratories.

- 29-105 20" x 20" x 2" Filter Pads, carton of 12. Shpg. wt. 2 lbs.
- 29-286 Snap-in Grids (pair) for filters.

**Retaining Clips for Supply Air Filters**

Use two "single" clips per cell. Add one "double" clip for each additional "horizontally adjacent" filter cell.

- 27-1982 Single Clip      27-1983 Double Clip

**Flame Retardant Paper (not shown)**

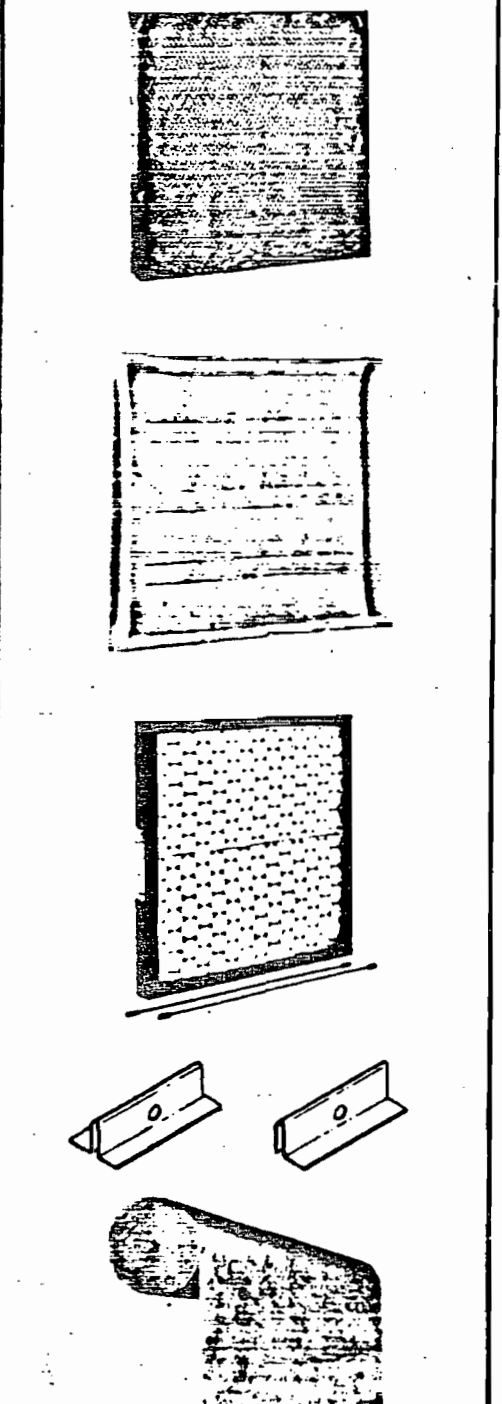
Binks Flame-A-Guard is a highly absorbent, flame resistant, high wet strength paper (90 lb. basis weight) suitable as a protective floor, wall, and equipment cover while spraying.

- 29-834 36" x 300' roll. Shpg. wt. 30 lbs.
- 29-835 43½" x 300' roll. Shpg. wt. 36 lbs.
- 29-836 60" x 300' roll. Shpg. wt. 50 lbs.
- 29-898 72" x 300' roll. Shpg. wt. 64 lbs.

**Dispo Cloth Exhaust Air Filter**

The Dispo filter is a flame-proofed, non-woven cloth of high paint loading capacity packaged especially for use in Binks Dispo spray booths (see pages 16 and 17). Cloth widths 20", 30", and 60" are supplied in 400 ft. rolls. Order from Dispo Spray Booths, Bartlett, Ill. 60103.

AIR FILTER SPECIFIED FOR THIS SYSTEM (AVE. OF THE STRIPS SYSTEM)



BEST AVAILABLE COPY

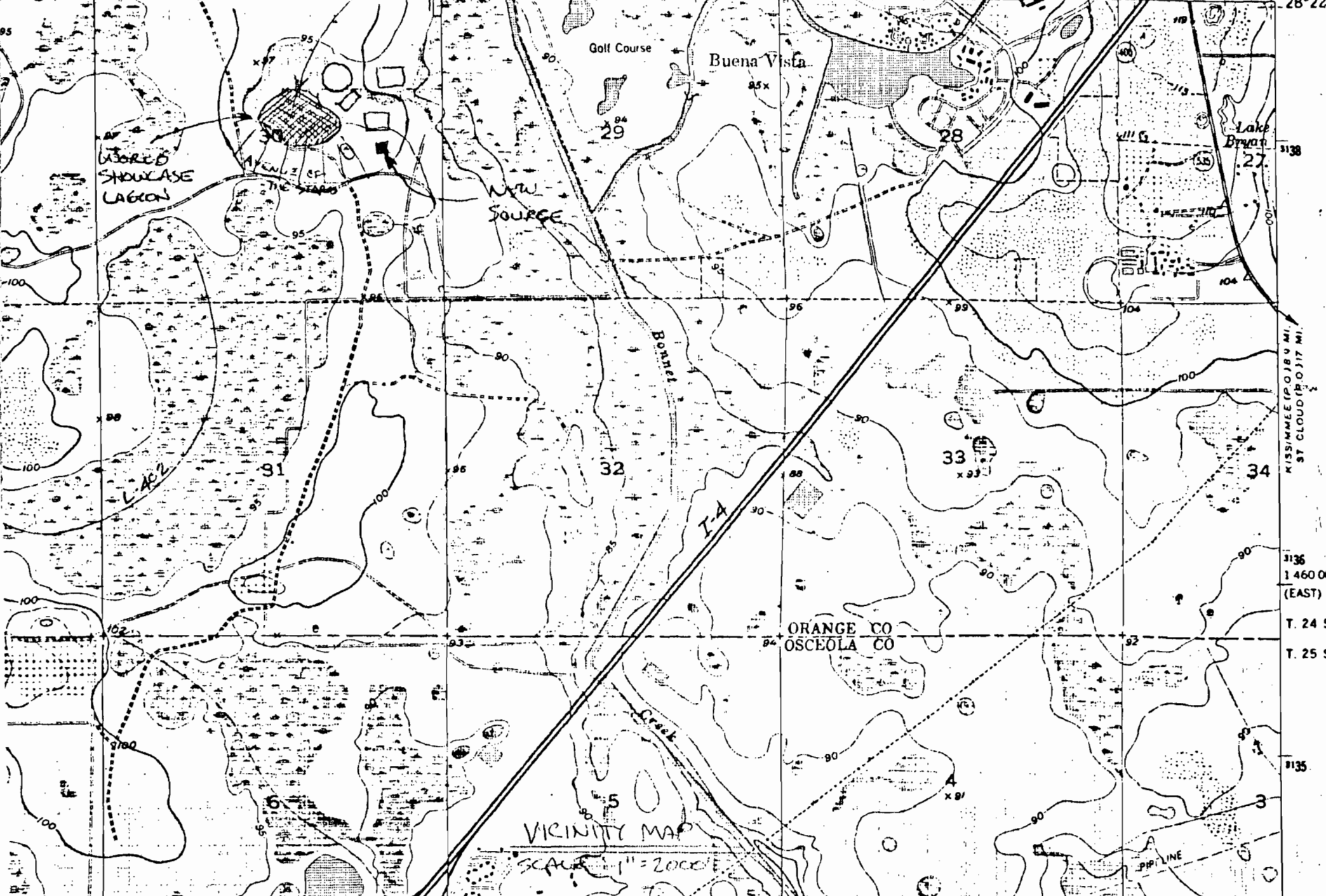
INTERCESSION CITY QUADRANGLE

FLORIDA

7.5 MINUTE SERIES (TOPOGRAPHIC)

SEE DETAIL VICINITY  
MAP FOR EPICOT CENTER

LINE (RMERE) 46 R. 28 E. 32'30" 48 330 000 FEET (EAST) 49 4 MI TO FLA 528 81°30' 28°22'3"

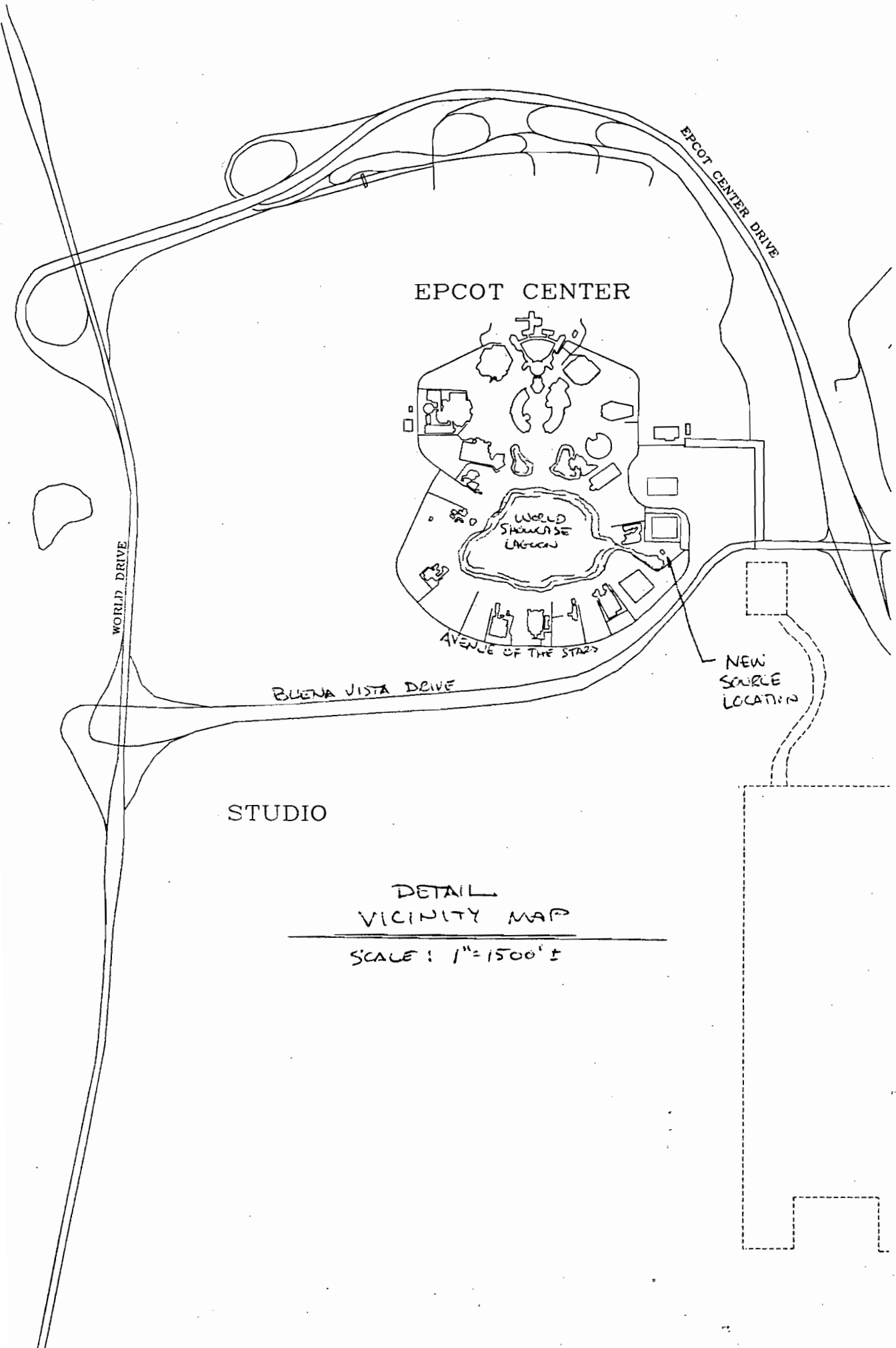


KISSIMMEE (PO 317) MI.  
ST. CLOUD (PO 317) MI.

3136  
1 460 000  
(EAST)  
T. 24 S.  
T. 25 S.

VICINITY MAP  
SCALE 1" = 2000'

3135



EPCOT CENTER

WORLD SHOWCASE LAGOON

AVENUE OF THE STARS

WORLD DRIVE

EPCOT CENTER DRIVE

BUENA VISTA DRIVE

NEW SOURCE LOCATION

STUDIO

DETAIL  
VICINITY MAP

SCALE: 1" = 1500' ±



WALT DISNEY World Co.

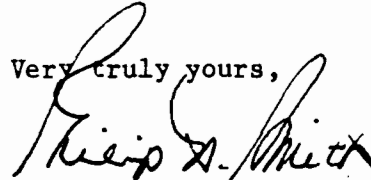
June 7, 1988

Mr. Cecil W. Robinson  
Director  
Walt Disney World Co.  
P.O. Box 10,000  
Lake Buena Vista, FL 32830

Dear Cecil:

This is to confirm that you have been authorized by Walt Disney World Co. to sign applications for air emission permits on behalf of the Company.

Very truly yours,

  
Philip N. Smith  
Secretary

PNS/B:brm