



1030294

Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

September 4, 1996

Mr. Albert D. Berry
North Hercules Dry Cleaners
2180 North Hercules Avenue
Clearwater, Florida 34623

Dear Mr. Berry:

The Department has received the Title V General Permit Notification Form for the dry cleaning facility that you submitted on August 13, 1996.

Please note that in November of each year the Department will be mailing fee notices to those facilities using the Title V general permit. This annual operation fee is \$50 and it is due and payable between January 15 and March 1 of each year the facility is in operation and subject to the requirements of the Title V general permit.

If you have or expect to have any changes in your mailing address, location address, responsible official, or phone number please notify the Department at the following address:

Title V General Permits Office
Bureau of Air Monitoring and Mobile Sources MS 5510
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Fl 32399-2400

If there are any changes in the facility status, including change of operating parameters or equipment, or if you have any additional questions regarding the Title V General Permit Program, please contact the District or local air program compliance inspector in your area.

Sincerely,

Dotty Diltz, Chief
Bureau of Air Monitoring
and Mobile Sources

/DD

cc: Mr. Gary Robbins, Pinellas County

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Perchloroethylene Dry Cleaning Facility Notification

Facility Name and Location

1. Facility Owner/Company Name (Name of corporation, agency, or individual owner):	ALBERT D. BERRY		
2. Site Name (For example, plant name or number):	NORTH HERCULES DRY CLEANERS		
3. Hazardous Waste Generator Identification Number:			
4. Facility Location:	2180 N. HERCULES AVE		
Street Address:			
City:	County:	Zip Code:	
CLEARWATER	PINELLAS	34623	
5. Facility Identification Number (DEP Use):	1030294		

Responsible Official

6. Name and Title of Responsible Official:	ALBERT D. BERRY OWNER		
7. Responsible Official Mailing Address:	NORTH HERCULES DRY CLEANERS		
Organization/Firm:			
Street Address:	2180 N. HERCULES AVE		
City:	County:	Zip Code:	
CLEARWATER	PINELLAS	34623	
8. Responsible Official Telephone Number:			
Telephone:	(813) 734-4445	Fax:	() -

Facility Contact (If different from Responsible Official)

9. Name and Title of Facility Contact (For example, plant manager):			
10. Facility Contact Address:	SAME		
Street Address:			
City:	County:	Zip Code:	
11. Facility Contact Telephone Number:			
Telephone:	() -	Fax:	() -

RECEIVED

AUG 13 1996
Bureau of Air Monitoring
& Mobile Sources

4. What control technology is required on machines pursuant to section (5) of Part II of this notification form?
(Indicate with an "X".)

Existing large area source
Carbon adsorber

Refrigerated condenser

New small area source
Refrigerated condenser

New large area source
Refrigerated condenser

5. A facility which contains non-exempt emissions units shall not be eligible to use the general permit pursuant to Rule 62-213.300, F.A.C. Verify that all steam and hot water generating units on-site meet the following exemption criteria or that no such units exist on-site:

All steam and hot water generating units on-site (1) have a total heat input of 10 million BTU/hr or less (298 boiler HP or less), and (2) are fired exclusively by natural gas except for periods of natural gas curtailment during which propane or fuel oil containing no more than one percent sulfur is fired.

All steam and hot water generating units exempt
No such units on-site

Equipment Monitoring and Recordkeeping Information

Check all logs which are required to be kept on-site in accordance with the requirements of this general permit:

- (a) Purchase receipts and solvent purchases
- (b) Leak detection inspection and repair
- (c) Refrigerated condenser temperature monitoring
- (d) Carbon adsorber exhaust perc concentration monitoring
- (e) Instrument calibration
- (f) Start-up, shutdown, malfunction plan

Surrender of Existing Air Permit(s)

Please indicate with an "X" the appropriate selection:

I hereby surrender all existing air permits authorizing operation of the facility indicated in this notification form; specifically, permit number(s) _____.

No air permits currently exist for the operation of the facility indicated in this notification form.

Responsible Official Certification

I, the undersigned, am the responsible official, as defined in Part II of this form, of the facility addressed in this notification. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, I agree to operate and maintain the air pollutant emissions units and air pollution control equipment described above so as to comply with all terms and conditions of this general permit as set forth in Part II of this notification form.

I will promptly notify the Department of any changes to the information contained in this notification.

Albert J. Bory
Signature

Aug-6-1996
Date



Jeb Bush
Governor

Department of Environmental Protection

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

David B. Struhs
Secretary

June 15, 2001

Mr. Albert Berry
North Hercules Dry Cleaners
2180 North Hercules Avenue
Clearwater, Florida 33763

Dear Mr. Berry:

Thank you for your submittal of the Perchloroethylene Dry Cleaner Air General Permit Notification Form. The Department received your submittal on June 13.

In reviewing your submittal, it was noted that North Hercules Dry Cleaners elected to surrender its existing Title V air general permit (AIRS ID 1030294-002). If your intention is to continue your dry cleaning operations, then your existing permit is not to be surrendered and the notification form will need to be corrected. To correct the form, please remove the checkmark next to the "I hereby surrender" statement and initial the change, resign the form on the back and date.

Please return the corrected form as quickly as possible to:

General Permits Section
Bureau of Air Monitoring and Mobile Sources, MS 5510
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

If you no longer wish to operate as a dry cleaning facility under the Title V air general permit, then your permit may be surrendered. In this case, you need to do nothing and your form will continue to be processed as submitted.

Thank you for your attention to this matter and I apologize for the confusion with this portion of the form

If you have any questions concerning the form or the corrections, please contact either Rick Butler at 850/921-9586 or me at 850/921-9583.

Sincerely,

Sandra Bowman
Bureau of Air Monitoring
and Mobile Sources

SB/
Enclosure
cc: Gary Robbins, Pinellas County

"More Protection, Less Process"

Printed on recycled paper.

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

FACILITY NAME: North Hercules Dry Cleaning DATE: 3/12/97
FACILITY LOCATION: 2180 N Hercules Clearwater, FL 34623

Annual Reporting Period: March 12, 1996 TO March 12, 1997

Based on each term or condition of the Title V general air permit, my facility has remained in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. YES NO

If NO, complete the following:

#1. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

Responsible official shall maintain perchloroethylene purchases as a rolling monthly average.
Exact period of non-compliance: from March 12, 1996 to March 12, 1997
Action(s) taken to achieve compliance: Official shall maintain rolling monthly average as was shown by inspector.
Method used to demonstrate compliance:

#2. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

Responsible official shall calibrate leak detector using a calibrant gas prior to and after use of leak detector
Exact period of non-compliance: from March 12, 1996 to March 12, 1997
Action(s) taken to achieve compliance: Obtain calibrant gas from supplier
Method used to demonstrate compliance:

As the responsible official, I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, my annual consumption of perchloroethylene solvent, based upon rolling averages of purchase receipts, does not exceed 2,100 gallons per year for dry-to dry facilities or 1,800 gallons per year for transfer or combination facilities.
RESPONSIBLE OFFICIAL: ALBERT D. BERRY Albert D. Berry 3-12-97
Name (Please Print) Signature Date

*This form is made available to you as an aid in order to meet your annual compliance certification requirements. It is at the discretion of the responsible official to use this form.

**DRY CLEANER AIR QUALITY GENERAL PERMIT
ANNUAL COMPLIANCE CERTIFICATION FORM**

FACILITY NAME: North Hercules Dry Cleaning DATE: 3/12/97
 FACILITY LOCATION: 2180 N Hercules
Clearwater, FL 34623

Annual Reporting Period: March 12, 1997 TO March 12, 1997

Based on each term or condition of the Title V general air permit, my facility has remained in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. YES NO

If NO, complete the following:

#1. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

Water from water separator shall be contained as hazardous waste or filtered through a carbon filtration system.
 Exact period of non-compliance: from March 12, 1996 to March 12, 1997
 Action(s) taken to achieve compliance: Responsible official will operate a carbon filtration system
 Method used to demonstrate compliance: _____

#2. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

Responsible official shall maintain a weekly leak log.
 Exact period of non-compliance: from March 12, 1996 to March 12, 1997
 Action(s) taken to achieve compliance: Responsible official shall maintain a weekly leak log.
 Method used to demonstrate compliance: _____

As the responsible official, I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, my annual consumption of perchloroethylene solvent, based upon rolling averages of purchase receipts, does not exceed 2,100 gallons per year for dry-to dry facilities or 1,800 gallons per year for transfer or combination facilities.

RESPONSIBLE OFFICIAL: ALBERT D. BERRY Albert D Berry 3-12-97
 Name (Please Print) Signature Date

*This form is made available to you as an aid in order to meet your annual compliance certification requirements. It is at the discretion of the responsible official to use this form.

**DRY CLEANER AIR QUALITY GENERAL PERMIT
ANNUAL COMPLIANCE CERTIFICATION FORM**

FACILITY NAME: North Hercules Dry Cleaning DATE: 3/12/97
 FACILITY LOCATION: 2180 N Hercules
Clearwater, FL 34623

Annual Reporting Period: March 12, 1996 TO March 12, 1997

Based on each term or condition of the Title V general air permit, my facility has remained in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. YES NO

If NO, complete the following:

#1. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

~~Responsible official shall develop and maintain a startup, shutdown for malfunction plan and deviation report~~
 Exact period of non-compliance: from March 12, 1996 to March 12, 1997

Action(s) taken to achieve compliance: Responsible official shall develop & maintain a startup shutdown plan & deviation report

Method used to demonstrate compliance: _____

#2. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

~~Responsible official shall record weekly temperature sensor data and record in a log.~~
 Exact period of non-compliance: from March 12, 1996 to March 12, 1997

Action(s) taken to achieve compliance: Responsible official shall record weekly temperature sensor data from ref. condenser

Method used to demonstrate compliance: _____

As the responsible official, I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, my annual consumption of perchloroethylene solvent, based upon rolling averages of purchase receipts, does not exceed 2,100 gallons per year for dry-to dry facilities or 1,800 gallons per year for transfer or combination facilities.

RESPONSIBLE OFFICIAL: ALBERT D. BERRY Albert D. Berry 3-12-97
 Name (Please Print) Signature Date

*This form is made available to you as an aid in order to meet your annual compliance certification requirements. It is at the discretion of the responsible official to use this form.

**DRY CLEANER AIR QUALITY GENERAL PERMIT
ANNUAL COMPLIANCE CERTIFICATION FORM**

FACILITY NAME: North Hercules Dry Cleaning DATE: 3/12/97
FACILITY LOCATION: 2180 N Hercules
Clearwater, FL 34623

Annual Reporting Period: March 12, 1996 TO March 12, 1997

Based on each term or condition of the Title V general air permit, my facility has remained in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. YES NO

If NO, complete the following:

#1. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

A refrigerator condenser is required for the Dry-Dry machine in a facility that is classified as an Existing Large Area Source
Exact period of non-compliance: from March 12, 1996 to March 12, 1997

Action(s) taken to achieve compliance: Dry-Dry machine will be equipped with a refrigerator condenser and temperature sensor

Method used to demonstrate compliance: _____

#2. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

Exact period of non-compliance: from _____ to _____

Action(s) taken to achieve compliance: _____

Method used to demonstrate compliance: _____

As the responsible official, I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, my annual consumption of perchloroethylene solvent, based upon rolling averages of purchase receipts, does not exceed 2,100 gallons per year for dry-to dry facilities or 1,800 gallons per year for transfer or combination facilities.

RESPONSIBLE OFFICIAL: Albert D. Berry ALBERT D. BERRY 3-19-97
Name (Please Print) Signature Date

*This form is made available to you as an aid in order to meet your annual compliance certification requirements. It is at the discretion of the responsible official to use this form.

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**TITLE V AIR QUALITY-AIR GENERAL PERMIT
INSPECTION SUMMARY REPORT**

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY RE-INSPECTION

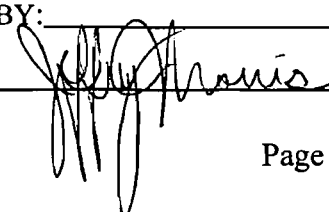
TIME IN: 11:30p.m.	TIME OUT: 12:45p.m.	AIRS ID# 1030294 001
TYPE OF FACILITY: Perchloroethylene Dry Cleaner		
FACILITY NAME: North Hercules Cleaners	DATE: May 22, 1997	
FACILITY LOCATION : 2180 N Hercules Ave., Clearwater, FL 34623		
RESPONSIBLE OFFICIAL: ALBERT BERRY		PHONE NUMBER: (813) 734-4445

- Based on the results of the compliance requirements evaluated during this inspection, the facility is found to be in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.).
- Based on the results of the compliance requirements evaluated during this inspection, the following compliance discrepancies were noted:

The Annual Compliance Certification form has been properly certified and submitted to the inspector. Yes No

DATE OF NEXT INSPECTION: September 15, 1997
(Approximate)

INSPECTION CONDUCTED BY: Jeffrey Morris
(Please Print)

INSPECTOR'S SIGNATURE:  PHONE NUMBER: 464-4422

✓ A

TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY RE-INSPECTION

TIME IN: 10:00 am	TIME OUT: 10:50 am	AIRS ID# 1030294 001
TYPE OF FACILITY: Perchloroethylene Dry Cleaner		
FACILITY NAME: North Hercules Cleaners	DATE: March 12, 1997	
FACILITY LOCATION: 2180 N Hercules Ave., Clearwater, FL 34623		
RESPONSIBLE OFFICIAL: ALBERT BERRY	PHONE NUMBER: (813)734-4445	

- Based on the results of the compliance requirements evaluated during this inspection, the facility is found to be in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.).
- Based on the results of the compliance requirements evaluated during this inspection, the following compliance discrepancies were noted:

COMPLIANCE REQUIREMENT/PROBLEM	FOLLOW-UP ACTION REQUIRED
1.) Monthly purchase records were not maintained as a twelve month rolling average.	Develop and implement a recordkeeping procedure that maintains monthly purchases (perc) as a twelve month rolling average.
2.) Did not have a start-up, shutdown, malfunction (SSM) plan in place, along with associated recordkeeping, on site.	If no specific procedures are available from the manufacturer, develop a SSM plan that describes procedures for maintaining and operating equipment during periods of start-up and shutdown associated with a malfunction. EPA's O&M manual may be used if no manufacturers information is available. Keep log of maintenance actions
3.) Evaporator for separator wastewater does not incorporate a pre-filtration system.	Facility may choose to either dispose of perc-containing separator water as hazardous waste, or incorporate a carbon filtration system with the evaporator (as per the State's guidelines).
4.) Did not maintain a log of leak detection inspection and repair records.	Develop and implement a leak detection inspection and repair program. Maintain a log of leak detection inspection and repair records.

The Annual Compliance Certification form has been properly certified and submitted to the inspector. Yes No

DATE OF NEXT INSPECTION: March 26, 1997
(Approximate)

INSPECTION CONDUCTED BY: Jeffrey Morris
(Please Print)

INSPECTOR'S SIGNATURE:  PHONE NUMBER: 464-4422

**TITLE V AIR QUALITY AIR GENERAL PERMIT
INSPECTION SUMMARY REPORT**

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY RE-INSPECTION

TIME IN: 10:00 am	TIME OUT: 10:50 am	AIRS ID# 1030294 001
TYPE OF FACILITY: Perchloroethylene Dry Cleaner		
FACILITY NAME: North Hercules Cleaners	DATE: March 12, 1997	
FACILITY LOCATION: 2180 N Hercules Ave., Clearwater, FL 34623		
RESPONSIBLE OFFICIAL: ALBERT BERRY	PHONE NUMBER: (813)734-4445	

- Based on the results of the compliance requirements evaluated during this inspection, the facility is found to be in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.).
- Based on the results of the compliance requirements evaluated during this inspection, the following compliance discrepancies were noted:

5.) No calibration records for the mechanical direct reading instrumentation (halogen detector) were available.	Mechanical direct-reading instrumentation shall be operated as directed by the manufacturer and must meet the conditions in Part II, Section 7(e) of the general permit provisions..
6.) Did not measure and record the outlet temperature of the refrigerated condenser on the dry-to-dry machine (dryer, reclaimer) on a weekly basis.	Develop and implement a monitoring program. Measure and record the outlet temperature on a weekly basis. The temperature, measured at the end of the drying cycle, must not exceed 45°F.

COMMENTS:

The Annual Compliance Certification form has been properly certified and submitted to the inspector. Yes No

DATE OF NEXT INSPECTION: March 26, 1997
(Approximate)

INSPECTION CONDUCTED BY: Jeffrey Morris
(Please Print)

INSPECTOR'S SIGNATURE:  PHONE NUMBER: 464-4422

PERCHLOROETHYLENE DRY CLEANERS

TITLE V GENERAL PERMIT
COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY
RE-INSPECTION

AIRS ID#: 1030294 TIME IN: 10:50am TIME OUT: 12:30pm
FACILITY NAME: North Hercules Dry Cleaning
FACILITY LOCATION: 2180 N. Hercules
Clearwater, FL

PART I: NOTIFICATION

(check appropriate box)

1. Existing facility notified DARM by 9/1/96*
2. New facility notified DARM 30 days prior to startup
3. Facility failed to notify DARM to use general permit

PART II: CLASSIFICATION

Facility indicated on notification form that it is:
(check appropriate box)

A.

1. Existing small area source dry-to-dry only, $x < 140$ gal/yr transfer only, $x < 200$ gal/yr both types, $x < 140$ gal/yr (constructed before 12/9/91)	<input type="checkbox"/>	2. New small area source dry-to-dry only, $x < 140$ gal/yr transfer only, $x < 200$ gal/yr both types, $x < 140$ gal/yr (constructed on or after 12/9/91)	<input type="checkbox"/>
3. Existing large area source dry-to-dry only, $140 < x < 2,100$ gal/yr transfer only, $200 < x < 1,800$ gal/yr both types, $140 < x < 1,800$ gal/yr (constructed before 12/9/91)	<input checked="" type="checkbox"/>	4. New large area source dry-to-dry only, $140 < x < 2,100$ gal/yr transfer only, $200 < x < 1,800$ gal/yr both types, $140 < x < 1,800$ gal/yr (constructed on or after 12/9/91)	<input type="checkbox"/>

This is a correct facility classification Y N

If no, please check the appropriate classification:

facility qualified for a general permit as number _____ above
 facility exceeds above limits and is not eligible for a general permit

B. The total quantity of perchloroethylene (perc) purchased within the preceding 12 months by this dry cleaning facility was 632 gallons.

PART III: GENERAL CONTROL REQUIREMENTS

Is the responsible official of the dry cleaning facility:
(check appropriate boxes)

- 1. Storing perchloroethylene in tightly sealed and impervious containers? Y N
- 2. Examining the containers for leakage? Y N
- 3. Closing and securing machine doors except during loading/unloading? Y N
- 4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal? Y N
- 5. Maintaining solvent-to-carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications? Y N N/A

PART IV: PROCESS VENT CONTROLS

In Part II-A:

- If classification 1 has been checked, no controls are required. Proceed to Part V.
- If classification 2 has been checked, the machine should be equipped with a refrigerated condenser (complete A below).
- If classification 3 has been checked, the machine should be equipped with either a refrigerated condenser or a carbon adsorber (complete A and B below). *Carbon adsorber must have been installed prior to September 22, 1993*
- If classification 4 has been checked, the machine should be equipped with a refrigerated condenser (complete A and B below).

A. Has the responsible official of all new sources and existing large area sources:
(check appropriate boxes) *Ajax machine has refrigerator condenser. Miraclean has Carbon adsorber.*

- 1. Equipped all machines with the appropriate vent controls? *Ajax* Y N *Miraclean* Y N
- 2. Equipped dry-to-dry machines with a closed-loop vapor venting system? Y N N/A
- 3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door? *(uses carbon adsorber for both machines)* Y N N/A
- 4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly basis? *Ajax* Y N *Miraclean* N/A
- 5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F? *Ajax* Y N *Miraclean* N/A
- 6. Conducted all temperature monitoring after an appropriate cooldown period and after verifying that the coolant had been completely charged? *Ajax* Y N *Miraclean* N/A

B. Has the responsible official of an existing large or new large area source also:

- 1. Measured and recorded the exhaust temperature on the outlet side of the condenser located on dry-to-dry, reclaim, and dryer machines on a weekly basis? Y N

2. Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly? Y N

 Is the temperature differential equal to or greater than 20° F? Y N

3. Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is venting to the adsorber, if machines are equipped with a carbon adsorber? Y N N/A

 Is the perc concentration equal to or less than 100 ppm? Y N N/A

4. Assured that the sampling port on the carbon adsorber exhaust for measuring perc concentrations is at least 8 duct diameters downstream of any bend, contraction, or expansion; is at least 2 duct diameters upstream from any bend, contraction, or expansion; and downstream from no other inlet? Y N

5. Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils? Y N N/A

6. Routed airflow to the carbon adsorber (if used) at all times? Y N N/A

PART V: RECORDKEEPING REQUIREMENTS

Has the responsible official:
(check appropriate boxes)

1. Maintained receipts for perc purchased? Y N

2. Maintained rolling monthly averages of perc consumption? Y N

3. Maintained leak detection inspection and repair reports for the following:

 a. documentation of leaks repaired w/in 24 hrs? or, Y N

 b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt? Y N

4. Maintained calibration data? (for direct reading instruments only) Y N N/A

5. Maintained exhaust duct monitoring data on perc concentrations? Y N N/A

6. Maintained startup/shutdown/malfunction plan? Y N

7. Maintained deviation reports? Y N

 Problem corrected? (No deviation report) Y N

8. Maintained compliance plan, if applicable? Y N N/A

PART VI: LEAK DETECTION AND REPAIRS

1. Does the responsible official conduct a weekly leak detection and repair inspection? Y N

2. Which method of detection is used by the responsible official?

 Visual examination (condensed solvent on exterior surfaces)

 Physical detection (airflow felt through gaskets)

 Odor (noticeable perc odor)

 Use of direct-reading instrumentation (FID/PID/calorimetric tubes)

If using direct-reading instrumentation, is the equipment:

- a. Capable of detecting perc vapor concentrations in a range of 0-500 ppm? Y N
 - b. Calibrated against a standard gas prior to and after each use (PID/FID only)? Y N
 - c. Inspected for leaks and obvious signs of wear on a weekly basis? Y N
 - d. Kept in a clean and secure area when not in use? Y N
 - e. Verified for accuracy by use of duplicate samples (calorimetric only)? Y N
3. Has the facility maintained a leak log? *(no recent leak logs for past 6 months)* Y N
4. The following areas should be checked for leaks by the inspector:

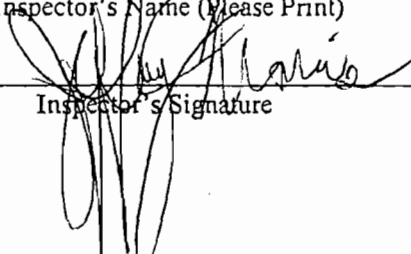
	Leak Detected?			Leak Detected?	
Hose connections, fittings, couplings, and valves	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Muck cookers	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
Door gaskets and seating	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Stills	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
Filter gaskets and seating	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Exhaust dampers	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
Pumps	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Diverter valves	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
Solvent tanks and containers	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Cartridge filter housings	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
Water separators	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N			

Albert Berry

Name of Responsible Official

Jeffrey Morris

Inspector's Name (Please Print)



Inspector's Signature

3/12/97

Date of Inspection

3/26/97

Approximate Date of Next Inspection

ADDITIONAL SITE INFORMATION:

AJAX Model 465 701b
Serial # 465268000189

- Refrigerator condenser temperature sensor.
- Evaporates water from water separator.
- carbon adsorber for door opening. diverts air to carbon adsorber. Water is pushed through adsorber bed and collected as hazardous waste
- No secondary containment

Miraclean 251b Model # 125.T
Serial # 17236

- No refrigerator condenser / Temperature sensor needed. Operator is working with Cleaners Equipment to install refrigerator condenser.
 - No secondary containment
 - No carbon filtration, evaporates water from water separator
 - carbon adsorber and chiller
 - Plans to install refrigerator condenser.
- Hi Tech Instruments Brevard, NC
leak detector.

PERCHLOROETHYLENE DRY CLEANERS

TITLE V GENERAL PERMIT
COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY
RE-INSPECTION

AIRS ID#: 1030294 TIME IN: 11:30p.m TIME OUT: 12:45p.m.
FACILITY NAME: North Hercules Cleaners
FACILITY LOCATION: 2180 N. Hercules
Clearwater, FL 34623

PART I: NOTIFICATION

(check appropriate box)

- 1. Existing facility notified DARM by 9/1/96
- 2. New facility notified DARM 30 days prior to startup
- 3. Facility failed to notify DARM to use general permit

PART II: CLASSIFICATION

Facility indicated on notification form that it is:
(check appropriate box)

- A.
- 1. Existing small area source
dry-to-dry only, $x < 140$ gal/yr
transfer only, $x < 200$ gal/yr
both types, $x < 140$ gal/yr
(constructed before 12/9/91)
 - 2. New small area source
dry-to-dry only, $x < 140$ gal/yr
transfer only, $x < 200$ gal/yr
both types, $x < 140$ gal/yr
(constructed on or after 12/9/91)
 - 3. Existing large area source
dry-to-dry only, $140 < x < 2,100$ gal/yr
transfer only, $200 < x < 1,800$ gal/yr
both types, $140 < x < 1,800$ gal/yr
(constructed before 12/9/91)
 - 4. New large area source
dry-to-dry only, $140 < x < 2,100$ gal/yr
transfer only, $200 < x < 1,800$ gal/yr
both types, $140 < x < 1,800$ gal/yr
(constructed on or after 12/9/91)

This is a correct facility classification Y N

If no, please check the appropriate classification:

- facility qualified for a general permit as number _____ above
- facility exceeds above limits and is not eligible for a general permit

B. The total quantity of perchloroethylene (perc) purchased within the preceding 12 months by this dry cleaning facility was 450 gallons.

PART III: GENERAL CONTROL REQUIREMENTS

Is the responsible official of the dry cleaning facility:
(check appropriate boxes)

- 1. Storing perchloroethylene in tightly sealed and impervious containers? Y N
- 2. Examining the containers for leakage? Y N
- 3. Closing and securing machine doors except during loading/unloading? Y N
- 4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal? Y N
- 5. Maintaining solvent-to-carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications? Y N N/A

PART IV: PROCESS VENT CONTROLS

In Part II-A:

If classification 1 has been checked, no controls are required. Proceed to Part V.

If classification 2 has been checked, the machine should be equipped with a refrigerated condenser (complete A below).

If classification 3 has been checked, the machine should be equipped with either a refrigerated condenser or a carbon adsorber (complete A and B below). *Carbon adsorber must have been installed prior to September 22, 1993*

If classification 4 has been checked, the machine should be equipped with a refrigerated condenser (complete A and B below).

A. Has the responsible official of all new sources and existing large area sources:
(check appropriate boxes)

- 1. Equipped all machines with the appropriate vent controls? Y N
- 2. Equipped dry-to-dry machines with a closed-loop vapor venting system? Y N N/A
- 3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door? Y N N/A
- 4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly basis? Y N
- 5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45° F? Y N
- 6. Conducted all temperature monitoring after an appropriate cooldown period and after verifying that the coolant had been completely charged? Y N

B. Has the responsible official of an existing large or new large area source also:

- 1. Measured and recorded the exhaust temperature on the outlet side of the condenser located on dry-to-dry, reclaimer, and dryer machines on a weekly basis? Y N

2. Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly? Y N

Is the temperature differential equal to or greater than 20° F? Y N

3. Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is venting to the adsorber, if machines are equipped with a carbon adsorber? Y N N/A

Is the perc concentration equal to or less than 100 ppm? Y N

4. Assured that the sampling port on the carbon adsorber exhaust for measuring perc concentrations is at least 8 duct diameters downstream of any bend, contraction, or expansion; is at least 2 duct diameters upstream from any bend, contraction, or expansion; and downstream from no other inlet? Y N

5. Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils? Y N N/A

6. Routed airflow to the carbon adsorber (if used) at all times? Y N N/A

Not Applicable

PART V: RECORDKEEPING REQUIREMENTS

Has the responsible official:
(check appropriate boxes)

1. Maintained receipts for perc purchased? Y N *ASAP*

2. Maintained rolling monthly averages of perc consumption? Y N

3. Maintained leak detection inspection and repair reports for the following:

a. documentation of leaks repaired w/in 24 hrs? or; Y N

b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt? Y N

4. Maintained calibration data? (for direct reading instruments only) Y N N/A

5. Maintained exhaust duct monitoring data on perc concentrations? Y N N/A

6. Maintained startup/shutdown/malfunction plan? (Developed SSM plan + has operations manual) Y N *MAN * AJAX*

7. Maintained deviation reports? Y N

Problem corrected? Y N

8. Maintained compliance plan, if applicable? Y N N/A

PART VI: LEAK DETECTION AND REPAIRS

1. Does the responsible official conduct a weekly leak detection and repair inspection? Y N

2. Which method of detection is used by the responsible official?

Visual examination (condensed solvent on exterior surfaces)

Physical detection (airflow felt through gaskets)

Odor (noticeable perc odor)

Use of direct-reading instrumentation (FID/PID/calorimetric tubes)

If using direct-reading instrumentation, is the equipment:

- a. Capable of detecting perc vapor concentrations in a range of 0-500 ppm? Y N
- b. Calibrated against a standard gas prior to and after each use (PID/FID only)? Y N
- c. Inspected for leaks and obvious signs of wear on a weekly basis? Y N
- d. Kept in a clean and secure area when not in use? Y N
- e. Verified for accuracy by use of duplicate samples (calorimetric only)? Y N

3. Has the facility maintained a leak log? Y N

4. The following areas should be checked for leaks by the inspector:

	Leak Detected?			Leak Detected?	
Hose connections, fittings, couplings, and valves	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Muck cookers	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
Door gaskets and seating	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Stills	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
Filter gaskets and seating	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Exhaust dampers	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
Pumps	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Diverter valves	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
Solvent tanks and containers	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Cartridge filter housings	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
Water separators	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N			

Albert Berry

Name of Responsible Official

Jeff Morris

Inspector's Name (Please Print)

[Signature]
Inspector's Signature

8/23/97

Date of Inspection

9/15/97

Approximate Date of Next Inspection

ADDITIONAL SITE INFORMATION:

- Pre-filtration for wastewater will be installed on 5/29/97 by Cleaners Equipment

AJAX Model 70 lb
Serial #465288000189

MIRACLEAN Dry-Dry

- Has been permanently shutdown and will be removed. New Forenta 35 lb machine will be installed by August.

bimetal thermometers

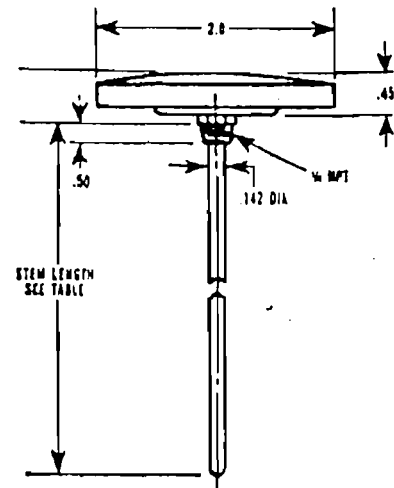
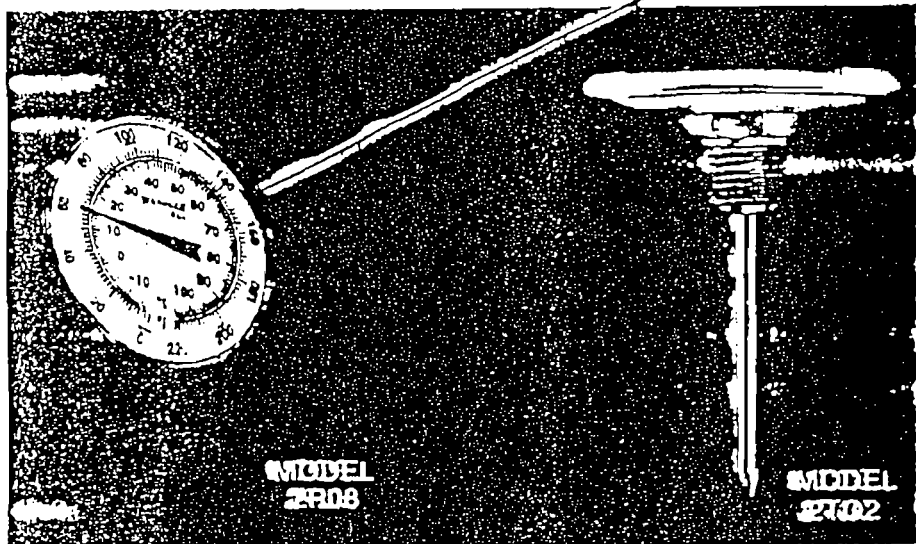
WEINLEIN
INSTRUMENTS

2 - Inch Dial Size

STANDARD FEATURES

- All Stainless Steel Construction
- Accurate to $\pm 1\%$ of Scale Range
- Dual Scale (Both °F and °C) Ranges

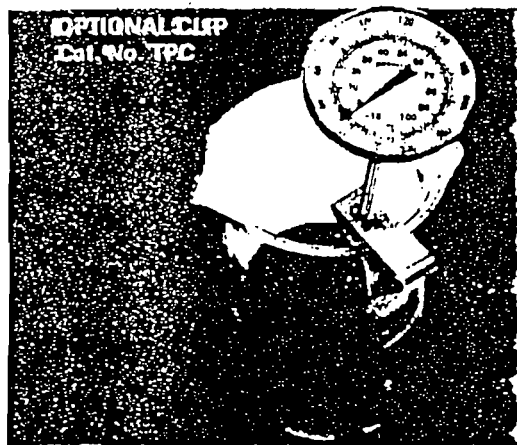
Permit File



MOUNTING DIMENSIONS
TYPE 2T

CATALOG NUMBER	TYPE	DUAL SCALE (Both °F and °C)	
		FAHRENHEIT ON OUTER - CELSIUS ON INNER SCALE	
2R08 ^{††}	8" Plain Stem With Recalibration Feature	-40 to 160°F in 2° divs. 25 to 125°F in 1° divs. 0 to 160°F in 2° divs. (0 to 220°F in 2° divs.) 50 to 400°F in 5° divs. 50 to 550°F in 5° divs.	and -40 to 72°C in 1° divs. and -4 to 52°C in 1/2° divs. and -18 to 82°C in 1° divs. and -16 to 105°C in 1° divs. and 10 to 206°C in 2° divs. and 10 to 290°C in 5° divs.
2T02 ^{††}	2 1/2" Stem 1/4" NPT Fixed Thread	-40 to 160°F in 2° divs. 0 to 220°F in 2° divs.	and -40 to 72°C in 1° divs. and -18 to 105°C in 1° divs.
2T04 ^{††}	4" Stem 1/4" NPT Fixed Thread	-40 to 160°F in 2° divs. 25 to 125°F in 1° divs. 0 to 220°F in 2° divs.	and -40 to 72°C in 1° divs. and -4 to 52°C in 1/2° divs. and -18 to 105°C in 1° divs.

^{††}Factory Stock Item



ADJUSTABLE CLIP Catalog No. TPC

- Made from 300 series stainless steel
- Fits any Bimetal Thermometer with .142" diameter stem
- Holds thermometer to side of any pan, tank, tray, etc. up to 1/2" thick
- Permits vertical adjustment of thermometer for desired stem immersion

Perchloroethylene Dry Cleaning Facility Notification

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AIR QUALITY

Facility Name and Location

1. Facility Owner/Company Name (Name of corporation, agency, or individual owner):
ALBERT D. BERRY

2. Site Name (For example, plant name or number):
NORTH HERCULES DRY CLEANERS

3. Hazardous Waste Generator Identification Number:
new 7-12

4. Facility Location:
Street Address: 2180 N. HERCULES AVE
City: CLEARWATER County: PINELLAS Zip Code: 34623

5. Facility Identification Number (DEP Use):
1030294

Responsible Official

6. Name and Title of Responsible Official:
ALBERT D. BERRY OWNER

7. Responsible Official Mailing Address:
Organization/Firm: NORTH HERCULES DRY CLEANERS
Street Address: 2180 N. HERCULES AVE
City: CLEARWATER County: PINELLAS Zip Code: 34623

8. Responsible Official Telephone Number:
Telephone: (813) 734-4445 Fax: () -

Facility Contact (If different from Responsible Official)

9. Name and Title of Facility Contact (For example, plant manager):

10. Facility Contact Address:
Street Address: SAME
City: County: Zip Code:

11. Facility Contact Telephone Number:
Telephone: () - Fax: () -

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Facility Information

1.(a) Provide the information below for each machine at the facility. Indicate the type of machine, the date of purchase, and the date the control device was installed, if applicable.

Type of Machine	ID	Date Machine Initially Purchased	Date Control Device Installed	ID	Date Machine Initially Purchased	Date Control Device Installed	ID	Date Machine Initially Purchased	Date Control Device Installed
<i>Example</i>									
	#1	03-OCT-93	12-NOV-93	#2	08-DEC-91		#3	02-MAR-92	02-MAR-92
Dry-to-Dry Unit		01-MAY-86							
(1) w/ ref. condenser	X	01-MAY-86	01-MAY-86						
(2) w/ carbon adsorber	X	01-MAY-86	01-MAY-86						
(3) w/ no controls									
Washer Unit									
(4) w/ ref. condenser									
(5) w/ carbon adsorber									
(6) w/ no controls									
Dryer Unit									
(7) w/ ref. condenser									
(8) w/ carbon adsorber									
(9) w/ no controls									
Reclaimer Unit		01-MAY-86 01-MAY-86							
(10) w/ ref. condenser	X	01-MAY-86	01-MAY-86						
(11) w/carbon adsorber	X	01-MAY-86	01-MAY-86						
(12) w/ no controls									

(b) Control devices are required, but not yet installed

(c) No control devices are required to be installed

2.(a) What was the total quantity of perchloroethylene (perc) purchased in the latest 12 months?
 gallons

(b) If less than 12 months, how many? months

Check why it is less than 12 months: New owner: New store: Did not keep records:

3. What is the facility's source classification based on the definitions found in section (3) of Part II?
 (Indicate with an "X". Select one classification only.)

Existing small area source

New small area source

Existing large area source

New large area source

4. What control technology is required on machines pursuant to section (5) of Part II of this notification form?
 (Indicate with an "X".)

Existing large area source
 Carbon adsorber Refrigerated condenser
New small area source
 Refrigerated condenser
New large area source
 Refrigerated condenser

5. A facility which contains non-exempt emissions units shall not be eligible to use the general permit pursuant to Rule 62-213.300, F.A.C. Verify that all steam and hot water generating units on-site meet the following exemption criteria or that no such units exist on-site:

All steam and hot water generating units on-site (1) have a total heat input of 10 million BTU/hr or less (298 boiler HP or less), and (2) are fired exclusively by natural gas except for periods of natural gas curtailment during which propane or fuel oil containing no more than one percent sulfur is fired.

All steam and hot water generating units exempt
 No such units on-site

Equipment Monitoring and Recordkeeping Information

Check all logs which are required to be kept on-site in accordance with the requirements of this general permit:

- (a) Purchase receipts and solvent purchases
- (b) Leak detection inspection and repair
- (c) Refrigerated condenser temperature monitoring
- (d) Carbon adsorber exhaust perc concentration monitoring
- (e) Instrument calibration
- (f) Start-up, shutdown, malfunction plan

Surrender of Existing Air Permit(s)

Please indicate with an "X" the appropriate selection:

I hereby surrender all existing air permits authorizing operation of the facility indicated in this notification form; specifically, permit number(s)

No air permits currently exist for the operation of the facility indicated in this notification form.

Responsible Official Certification

I, the undersigned, am the responsible official, as defined in Part II of this form, of the facility addressed in this notification. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, I agree to operate and maintain the air pollutant emissions units and air pollution control equipment described above so as to comply with all terms and conditions of this general permit as set forth in Part II of this notification form.

I will promptly notify the Department of any changes to the information contained in this notification.

Albert J. Berry
Signature

AUG-6. 1996
Date

**PERCHLOROETHYLENE DRY CLEANERS
TITLE V GENERAL PERMIT
COMPLIANCE INSPECTION CHECKLIST**

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY
RE-INSPECTION

Log - kept in color-coded notebooks in file cabinet for in break area

AIRS ID#: 1030294 001 DATE: 5/19/98 TIME IN: 10:00 TIME OUT: 11:00

FACILITY NAME: North Hercules Cleaners

FACILITY LOCATION: 2180 N Hercules Ave.
Clearwater, FL, 34623

RESPONSIBLE OFFICIAL: Albert Berry PHONE: 4445

CONTACT: Albert Berry PHONE: _____

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PART I: NOTIFICATION

(Check appropriate box)

1. New facility notified DARM 30 days prior to startup

2. Facility failed to notify DARM to use general permit

PART II: CLASSIFICATION

Facility indicated on notification form that it is:
(Check appropriate box)

<p>A.</p> <p>1. Existing small area source <input type="checkbox"/> dry-to-dry only, x < 140 gal/yr transfer only, x < 200 gal/yr both types, x < 140 gal/yr (Constructed before 12/9/91)</p> <p>3. Existing large area source <input checked="" type="checkbox"/> dry-to-dry only, 140 < x < 2,100 gal/yr transfer only, 200 < x < 1,800 gal/yr both types, 140 < x < 1,800 gal/yr (Constructed before 12/9/91)</p>	<p>2. New small area source <input type="checkbox"/> dry-to-dry only, x < 140 gal/yr transfer only, x < 200 gal/yr both types, x < 140 gal/yr (Constructed on or after 12/9/91)</p> <p>4. New large area source <input type="checkbox"/> dry-to-dry only, 140 < x < 2,100 gal/yr transfer only, 200 < x < 1,800 gal/yr both types, 140 < x < 1,800 gal/yr (Constructed on or after 12/9/91)</p>
---	--

No notification form
Drop store / out of business / petroleum

This is a correct facility classification: Y N Can not determine

If no, please check the appropriate classification:
 facility qualified for a general permit as number _____ above
 facility exceeds above limits and is not eligible for a general permit

B. The total quantity of perchloroethylene (perc) purchased within the preceding 12 months by this dry cleaning facility was 214 gallons.

PART III: GENERAL CONTROL REQUIREMENTS

Is the responsible official of the dry cleaning facility:
(check appropriate boxes)

1. Storing perchloroethylene in tightly sealed and impervious containers? Y N NA
2. Examining the containers for leakage? Y N NA
3. Closing and securing machine doors except during loading/unloading? Y N
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal? Y N NA
5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications? Y N NA

PART IV: PROCESS VENT CONTROLS

In Part II-A:

If classification (1) has been checked, no controls are required. Proceed to Part V.

If classification (2) has been checked, the machine should be equipped with a refrigerated condenser (complete A below)

If classification (3) has been checked, the machine should be equipped with either a refrigerated condenser or a carbon adsorber (complete A and B below). Carbon adsorber must have been installed prior to September 22, 1993.

If classification (4) has been checked, the machine should be equipped with a refrigerated condenser (complete A and B below.)

A. Has the responsible official of all new sources and existing large area sources: (check appropriate boxes)

1. Equipped all machines with the appropriate vent controls? Y N
2. Equipped dry-to-dry machines with a closed-loop vapor venting system? Y N NA
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door? Y N NA
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis? Y N
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45° F? Y N NA
6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged? Y N

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60
116
136

165
96
261

Has the responsible official of an existing large or new large area source also:

- Measured and recorded the exhaust temperature on the outlet side of the condenser located on dry-to-dry, reclaimer, and dryer machines on a weekly basis? Y N
- Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly?
Is the temperature differential equal to or greater than 20°F? Y N N/A
- Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is venting to the adsorber, if machines are equipped with a carbon adsorber?
Is the perc concentration equal to or less than 100 ppm? Y N N/A
- Assured that the sampling port on the carbon adsorber exhaust for measuring perc concentrations is at least 8 duct diameters downstream of any bend, contraction, or expansion; is at least 2 duct diameters upstream from any bend contraction, or expansion; and downstream from no other inlet? Y N N/A
- Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils? Y N N/A
- Routed airflow to the carbon adsorber (if used) at all times? Y N N/A

ART V: RECORDKEEPING REQUIREMENTS

(as the responsible official:
check appropriate boxes)

- Maintained receipts for perc purchased? Y N
- Maintained rolling monthly averages of perc consumption? Y N
- Maintained leak detection inspection and repair reports for the following:
 - a. documentation of leaks repaired w/in 24 hrs? or; Y N
 - b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt? Y N
- Maintained calibration data? (for direct reading instrument only) Y N N/A
- Maintained exhaust duct monitoring data on perc concentrations? Y N N/A
- Maintained startup/shutdown/malfunction plan? Y N
- Maintained deviation reports?
Problem corrected? Y N
- Maintained compliance plan, if applicable? Y N N/A

PART VI: LEAK DETECTION AND REPAIRS

1. Does the responsible official conduct a weekly leak detection and repair inspection? Y N

2. Which method of detection is used by the responsible official?

Visual examination (condensed solvent of exterior surfaces)

Physical detection (airflow felt through gaskets)

Odor (noticeable perc odor)

Use of direct-reading instrumentation (FID/PID/calorimetric tubes)

If using direct-reading instrumentation, is the equipment:

a. Capable of detecting perc vapor concentrations in a range of 0-500 ppm. Y N

b. Calibrated against a standard gas prior to and after each use (PID/FID only). Y N

c. Inspected for leaks and obvious signs of wear on a weekly basis? Y N

d. Kept in a clean and secure area when not in use. Y N

e. Verified for accuracy by use of duplicate samples (calorimetric only)? Y N

3. Has the facility maintained a leak log? Y N

4. The following area should be checked for leaks by the inspector: *no leaks*

Hose connections, fitting couplings, and valves Y N

Muck cookers Y N

Door gaskets and seating Y N

Stills Y N

Filter gaskets and seating Y N

Exhaust dampers Y N

Pumps Y N

Diverter valves Y N

Solvent tanks and containers Y N

Cartridge Filter housing Y N

Water separators Y N

Albert Berry
Name of Responsible Official

Margaret V. Harris
Inspector's Name (Please Print)

5/19/98
Date of Inspection

Margaret V. Harris
Inspector's Signature

5/99
Approximate Date of Next Inspection

**TITLE V AIR QUALITY AIR GENERAL PERMIT
INSPECTION SUMMARY REPORT**

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY RE-INSPECTION

AIRS ID#:	<u>1030294 001</u>	DATE:	<u>5/19/98</u>	TIME IN:	<u>10:00</u>	TIME OUT:	<u>11:00</u>
FACILITY NAME:	<u>North Hercules Cleaners</u>						
FACILITY LOCATION:	<u>2180 N Hercules Ave.</u>						
	<u>Clearwater, FL, 34623</u>						
RESPONSIBLE OFFICIAL:	<u>Albert Berry</u>	Phone:	<u>774-4445</u>				
Permit No.	<u>1030294-001-AG</u>	Exp. Date:	<u>08/26/2001</u>				

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- Based on the results of the compliance requirements evaluated during this inspection, the facility is found to be in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.).
- Based on the results of the compliance requirements evaluated during this inspection, the following compliance discrepancies were noted (only items which are checked):

Inspection Summary Report Guidance

Compliance Requirement/Problem	Follow-up Action Required
<input type="checkbox"/> Did not have a start-up, shutdown, malfunction (SSM) plan in place, along with associated recordkeeping, on site.	If no specific procedures are available from the manufacturer, develop a SSM plan that describes procedures for maintaining and operating equipment during periods of start-up and shutdown associated with a malfunction. EPA's O&M manual may be used if no manufacturers information is available. Keep log of maintenance actions
<input type="checkbox"/> Purchase receipts were not maintained properly.	Maintain all purchase receipts in a log kept on-site for determination of perchloroethylene solvent consumption.
<input type="checkbox"/> Monthly purchase records were not maintained as a consecutive twelve month total.	Develop and implement a recordkeeping procedure that maintains monthly purchases (perc) as a consecutive twelve month total.
<input type="checkbox"/> Could not confirm that temperature sensor was designed to measure 45°F with an accuracy of ±2°F.	Obtain verification from the manufacturer that the temperature sensor is designed to measure 45°F with an accuracy of ±2°F, or determine this by another method that the Department would consider appropriate.
<input type="checkbox"/> Evaporator for separator wastewater does not incorporate a pre-filtration system.	Facility may choose to either dispose of perc-containing separator water as hazardous waste, or incorporate a carbon filtration system with the evaporator (as per the State's guidelines).
<input type="checkbox"/> Did not store all perc, and perc-containing waste in tightly sealed containers.	Store all perc and perc-containing waste in tightly sealed containers which are impervious and chemically unreactive to the solvent.
<input type="checkbox"/> Did not maintain a log of leak detection inspection and repair records.	Develop and implement a leak detection inspection and repair program. Maintain a log of leak detection inspection and repair records.

	Compliance Requirement/Problem	Follow-up Action Required
<input type="checkbox"/>	Did not conduct weekly leak detection and repair inspection.	Develop and implement a leak detection inspection and repair program. Use at least one of the methods outlined in Part II, Section 7(a), of the general permit provisions, to detect leaks. Inspect the items listed in Part II, Section 7(b), for leaks. Repair leaks within 24 hours of detection, unless repair equipment must be ordered.
<input type="checkbox"/>	No calibration records for the mechanical direct reading instrumentation (halogen detector) were available.	Mechanical direct-reading instrumentation shall be operated as directed by the manufacturer and must meet the conditions in Part II, Section 7(e) of the general permit provisions..
<input type="checkbox"/>	Did not measure and record the outlet temperature of the refrigerated condenser on the dry-to-dry machine (dryer, reclaimer) on a weekly basis.	Develop and implement a monitoring program. Measure and record the outlet temperature on a weekly basis. The temperature, measured at the end of the drying cycle, must not exceed 45°F.
<input type="checkbox"/>	Airflow is directed towards the refrigerated condenser upon the door being opened and no diverter valve is in place.	Equip the condenser with a diverter valve to prevent air flow to the refrigerated condenser when the door is opened.
<input type="checkbox"/>	The outlet exhaust temperature of the refrigerated condenser exceeds 45°F and was not repaired within 24 hours.	Repair or adjust condenser within 24 hours of measurement indicating that the outlet exhaust temperature of the refrigerated condenser exceeds 45°F. The repair shall be documented in the monitoring record log.
<input type="checkbox"/>	Machine doors are not closed and secure during times other than loading and unloading.	Keep doors closed and secured at all times except during loading and unloading.
<input type="checkbox"/>	Temperature monitoring was not conducted after an appropriate cooldown period and after verifying that the coolant was completely charged.	Conduct all temperature monitoring following an appropriate cooldown period and after verifying that the coolant has been completely charged.
<input type="checkbox"/>	Containers for perchloroethylene and/or perchloroethylen-containing waste were found to be leaking.	Examine the containers, used for storing perchloroethylene and/or perchloroethylene-containing waste, for leakage.
<input type="checkbox"/>		
<input type="checkbox"/>		

Comments: Discussed Carbon Adsorber issues - Contid's emissions
when door is open - only. (I.E. frequency of stripping Carbon and
taping/sealing vents.)

If the Inspection Summary Report indicates follow-up actions are required, you must take immediate corrective measures to achieve compliance. Pinellas County will perform a follow-up inspection to determine that proper corrective actions have been taken.

Inspection Conducted by: Margaret Hennis

Inspector's Signature: Margaret Hennis

Phone Number: 464-4422

DRY CLEANER AIR QUALITY GENERAL PERMIT
ANNUAL COMPLIANCE CERTIFICATION FORM

all

AIRS ID#1030294

NORTH HERCULES DRY CLEANERS
ALBERT D BERRY
2180 N HERCULES AVE
CLEARWATER FL 34623

Do NOT Remove Label

Annual Reporting Period: JAN 1 1998 TO DEC 31 1998

Based on each term or condition of the Title V general air permit, my facility has remained in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. YES NO

If NO, complete the following:

#1. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

Exact period of non-compliance: from _____ to _____

Action(s) taken to achieve compliance: _____

Method used to demonstrate compliance: _____

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JAN 20 98

#2. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

Exact period of non-compliance: from _____ to _____

Action(s) taken to achieve compliance: _____

Method used to demonstrate compliance: _____

As the responsible official, I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, my annual consumption of perchloroethylene solvent, based upon purchase receipts, does not exceed 2,100 gallons per year for dry-to dry facilities or 1,800 gallons per year for transfer or combination facilities.

RESPONSIBLE OFFICIAL: ALBERT D. BERRY *Albert D. Berry* 1-16-98
Name (Please Print) Signature Date

*This form is made available to you as an aid in order to meet your annual compliance certification requirements. It is at the discretion of the responsible official to use this form.

AIRS ID#: 1030294

Acc ✓

Revised 10/10/96

**DRY CLEANER AIR QUALITY GENERAL PERMIT
ANNUAL COMPLIANCE CERTIFICATION FORM**

FACILITY NAME: North Hercules Cleaners DATE: 8/30/98
 FACILITY LOCATION: 2180 N. Hercules Ave.
Clearwater # 2

RECEIVED
 AUG 19 1998
 Bureau of Air Monitoring
 & Mobile Sources

Annual Reporting Period: May 22 1997 TO May 19 1998

Based on each term or condition of the Title V general air permit, my facility has remained in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. YES NO

If NO, complete the following:

#1. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

Exact period of non-compliance: from _____ to _____

Action(s) taken to achieve compliance: _____

Method used to demonstrate compliance: _____

#2. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

Exact period of non-compliance: from _____ to _____

Action(s) taken to achieve compliance: _____

Method used to demonstrate compliance: _____

As the responsible official, I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, my annual consumption of perchloroethylene solvent, based upon rolling averages of purchase receipts, does not exceed 2,100 gallons per year for dry-to dry facilities or 1,800 gallons per year for transfer or combination facilities.

RESPONSIBLE OFFICIAL: ALBERT D. BERRY Albert D. Berry 7-30-98
 Name (Please Print) Signature Date

*This form is made available to you as an aid in order to meet your annual compliance certification requirements. It is at the discretion of the responsible official to use this form.

ACC

AIRS ID#: 1030294

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

FACILITY NAME: North Hercules Cleaners DATE: 5/27/99
FACILITY LOCATION: 2180 W. Hercules Ave. Clearwater FL 33763

Annual Reporting Period: May 19 19 98 TO May 27 19 98

Based on each term or condition of the Title V general air permit, my facility has remained in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. YES NO

If NO, complete the following:

#1. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above: Monthly purchase records were not maintained as a consecutive 12 month total. Exact period of non-compliance: from Feb. 1, 1999 to May 27, 1999. Action(s) taken to achieve compliance: Used calendar to log purchases. Method used to demonstrate compliance: in Records.

#2. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above: Did not store all perc. and perc.-containing waste in sealed container. Exact period of non-compliance: from May 17, 1999 to May 27, 1999. Action(s) taken to achieve compliance: Reattached Drain Hose from still. Method used to demonstrate compliance: to secured pipe and locked down covers to still and Tanks.

As the responsible official, I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, my annual consumption of perchloroethylene solvent, based upon rolling averages of purchase receipts, does not exceed 2,100 gallons per year for dry-to-dry facilities or 1,800 gallons per year for transfer or combination facilities.

RESPONSIBLE OFFICIAL: ALBERT D. BERRY Name (Please Print) Albert D. Berry Signature Date 5-27-99 RECEIVED

This form is made available to you as an aid in order to meet your annual compliance certification requirements. It is at the discretion of the responsible official to use this form.

JUN 10 1999 Bureau of Air Monitoring & Mobile Sources

**TITLE V AIR QUALITY AIR GENERAL PERMIT
INSPECTION SUMMARY REPORT**

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY RE-INSPECTION

AIRS ID#: <u>1030294 001</u>	DATE: <u>5/27/99</u>	TIME IN: <u>11:40</u>	TIME OUT: <u>12:40</u>
FACILITY NAME: <u>North Hercules Cleaners</u>			
FACILITY LOCATION: <u>2180 N Hercules Ave.</u>			
<u>Clearwater, FL, 33763</u>			
RESPONSIBLE OFFICIAL: <u>Albert Berry</u>		Phone No.: _____	
Permit No. <u>1030294-001-AG</u>	Exp. Date: <u>08/26/2001</u>		

- Based on the results of the compliance requirements evaluated during this inspection, the facility is found to be in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.).
- Based on the results of the compliance requirements evaluated during this inspection, the following compliance discrepancies were noted (only items which are checked):

Inspection Summary Report Guidance

	Compliance Requirement/Problem	Follow-up Action Required
<input type="checkbox"/>	Did not have a start-up, shutdown, malfunction (SSM) plan in place, along with associated recordkeeping, on site.	If no specific procedures are available from the manufacturer, develop a SSM plan that describes procedures for maintaining and operating equipment during periods of start-up and shutdown associated with a malfunction. EPA's O&M manual may be used if no manufacturers information is available. Keep log of maintenance actions
<input type="checkbox"/>	Purchase receipts were not maintained properly.	Maintain all purchase receipts in a log kept on-site for determination of perchloroethylene solvent consumption.
<input checked="" type="checkbox"/>	Monthly purchase records were not maintained as a consecutive twelve month total.	Develop and implement a recordkeeping procedure that maintains monthly purchases (perc) as a consecutive twelve month total.
<input type="checkbox"/>	Could not confirm that temperature sensor was designed to measure 45°F with an accuracy of ±2°F.	Obtain verification from the manufacturer that the temperature sensor is designed to measure 45°F with an accuracy of ±2°F, or determine this by another method that the Department would consider appropriate.
<input type="checkbox"/>	Evaporator for separator wastewater does not incorporate a pre-filtration system.	Facility may choose to either dispose of perc-containing separator water as hazardous waste, or incorporate a carbon filtration system with the evaporator (as per the State's guidelines).
<input checked="" type="checkbox"/>	Did not store all perc, and perc-containing waste in tightly sealed containers.	Store all perc and perc-containing waste in tightly sealed containers which are impervious and chemically unreactive to the solvent.
<input type="checkbox"/>	Did not maintain a log of leak detection inspection and repair records.	Develop and implement a leak detection inspection and repair program. Maintain a log of leak detection inspection and repair records.

	Compliance Requirement/Problem	Follow-up Action Required
<input type="checkbox"/>	Did not conduct weekly leak detection and repair inspection.	Develop and implement a leak detection inspection and repair program. Use at least one of the methods outlined in Part II, Section 7(a), of the general permit provisions, to detect leaks. Inspect the items listed in Part II, Section 7(b), for leaks. Repair leaks within 24 hours of detection, unless repair equipment must be ordered.
<input type="checkbox"/>	No calibration records for the mechanical direct reading instrumentation (halogen detector) were available.	Mechanical direct-reading instrumentation shall be operated as directed by the manufacturer and must meet the conditions in Part II, Section 7(e) of the general permit provisions..
<input type="checkbox"/>	Did not measure and record the outlet temperature of the refrigerated condenser on the dry-to-dry machine (dryer, reclaimer) on a weekly basis.	Develop and implement a monitoring program. Measure and record the outlet temperature on a weekly basis. The temperature, measured at the end of the drying cycle, must not exceed 45°F.
<input type="checkbox"/>	Airflow is directed towards the refrigerated condenser upon the door being opened and no diverter valve is in place.	Equip the condenser with a diverter valve to prevent air flow to the refrigerated condenser when the door is opened.
<input type="checkbox"/>	The outlet exhaust temperature of the refrigerated condenser exceeds 45°F and was not repaired within 24 hours.	Repair or adjust condenser within 24 hours of measurement indicating that the outlet exhaust temperature of the refrigerated condenser exceeds 45°F. The repair shall be documented in the monitoring record log.
<input type="checkbox"/>	Machine doors are not closed and secure during times other than loading and unloading.	Keep doors closed and secured at all times except during loading and unloading.
<input type="checkbox"/>	Temperature monitoring was not conducted after an appropriate cooldown period and after verifying that the coolant was completely charged.	Conduct all temperature monitoring following an appropriate cooldown period and after verifying that the coolant has been completely charged.
<input type="checkbox"/>	Containers for perchloroethylene and/or perchloroethylen-containing waste were found to be leaking.	Examine the containers, used for storing perchloroethylene and/or perchloroethylene-containing waste, for leakage.
<input checked="" type="checkbox"/>	<i>Did not store all perc/ perc-cont-aining material in sealed containers.</i>	<i>Close secure lid on ^{perchloroethylene} still tank to prevent leaks. Replace hose to solvent tank.</i>
<input type="checkbox"/>		

Comments: *Strong perc odor. Reading 8 on medium sensitivity scale on VOC leak detector. ^{Solvent} Still tank was opened to allow reclaimed solvent from still back into machine. Need to replace hose as soon as possible. Please call when it is fixed.*

If the Inspection Summary Report indicates follow-up actions are required, you must take immediate corrective measures to achieve compliance. Pinellas County will perform a follow-up inspection to determine that proper corrective actions have been taken.

Inspection Conducted by: **Margaret Hennis**

Inspector's Signature: *Margaret Hennis*

Phone Number: 464-4422

**PERCHLOROETHYLENE DRY CLEANERS
TITLE V GENERAL PERMIT
COMPLIANCE INSPECTION CHECKLIST**

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY
RE-INSPECTION

AIRS ID#: 1030294 001 DATE: 5/27/99 TIME IN: 11:40 TIME OUT: 12:40

FACILITY NAME: North Hercules Cleaners

FACILITY LOCATION: 2180 N Hercules Ave.
Clearwater, FL, 33763

RESPONSIBLE OFFICIAL: Albert Berry PHONE: _____

CONTACT: _____ PHONE: _____

PART I: NOTIFICATION

(Check appropriate box)

- 1. Existing facility notified DARM By 9/1/96
- 2. New facility notified DARM 30 days prior to startup
- 3. Facility failed to notify DARM to use general permit

PART II: CLASSIFICATION

Facility indicated on notification form that it is:
(Check appropriate box)

- | | |
|--|---|
| <p>A.</p> <ul style="list-style-type: none"> 1. Existing small area source <input type="checkbox"/>
dry-to-dry only, $x < 140$ gal/yr
transfer only, $x < 200$ gal/yr
both types, $x < 140$ gal/yr
(Constructed before 12/9/91) 3. Existing large area source <input checked="" type="checkbox"/>
dry-to-dry only, $140 < x < 2,100$ gal/yr
transfer only, $200 < x < 1,800$ gal/yr
both types, $140 < x < 1,800$ gal/yr
(Constructed before 12/9/91) | <ul style="list-style-type: none"> <input type="checkbox"/> No notification form <input type="checkbox"/> Drop store / out of business / petroleum 2. New small area source <input type="checkbox"/>
dry-to-dry only, $x < 140$ gal/yr
transfer only, $x < 200$ gal/yr
both types, $x < 140$ gal/yr
(Constructed on or after 12/9/91) 4. New large area source <input type="checkbox"/>
dry-to-dry only, $140 < x < 2,100$ gal/yr
transfer only, $200 < x < 1,800$ gal/yr
both types, $140 < x < 1,800$ gal/yr
(Constructed on or after 12/9/91) |
|--|---|

This is a correct facility classification: Y N Can not determine

If no, please check the appropriate classification:

- facility qualified for a general permit as number _____ above
- facility exceeds above limits and is not eligible for a general permit

B. The total quantity of perchloroethylene (perc) purchased within the preceding 12 months by this dry cleaning facility was 271 gallons. - Has used up to 471 galls. ^(12 mos.) during month of January

PART III: GENERAL CONTROL REQUIREMENTS

Is the responsible official of the dry cleaning facility:
(check appropriate boxes)

1. Storing perchloroethylene in tightly sealed and impervious containers?
Lid to still + tank Cooper. Y N NA
2. Examining the containers for leakage? Y N NA
3. Closing and securing machine doors except during loading/unloading? Y N
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal? Y N NA
5. Maintaining solvent-to-carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications? Y N NA

PART IV: PROCESS VENT CONTROLS

In Part II-A:

If classification (1) has been checked, no controls are required. Proceed to Part V.

If classification (2) has been checked, the machine should be equipped with a refrigerated condenser (complete A below)

If classification (3) has been checked, the machine should be equipped with either a refrigerated condenser or a carbon adsorber (complete A and B below). Carbon adsorber must have been installed prior to September 22, 1993.

If classification (4) has been checked, the machine should be equipped with a refrigerated condenser (complete A and B below.)

A. Has the responsible official of all new sources and existing large area sources: (check appropriate boxes)

1. Equipped all machines with the appropriate vent controls? Y N
2. Equipped dry-to-dry machines with a closed-loop vapor venting system? Y N NA
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door? Y N NA
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis? Y N
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F? Y N NA
6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged? Y N

Has the responsible official of an existing large or new large area source also:

Measured and recorded the exhaust temperature on the outlet side of the condenser located on dry-to-dry, reclaimer, and dryer machines on a weekly basis?

Y N

Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly?

Y N NA

Is the temperature differential equal to or greater than 20°F?

Y N NA

Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is venting to the adsorber, if machines are equipped with a carbon adsorber?

Y N NA

Is the perc concentration equal to or less than 100 ppm?

Y N NA

Assured that the sampling port on the carbon adsorber exhaust for measuring perc. concentrations is at least 8 duct diameters downstream of any bend, contraction, or expansion; is at least 2 duct diameters upstream from any bend contraction, or expansion; and downstream from no other inlet?

Y N NA

Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?

Y N NA

Routed airflow to the carbon adsorber (if used) at all times?

Y N NA

ART V: RECORDKEEPING REQUIREMENTS

as the responsible official:
(check appropriate boxes)

Maintained receipts for perc purchased?

Y N

Maintained rolling monthly averages of perc consumption? *Feb-May*

Y N

Maintained leak detection inspection and repair reports for the following:

a. documentation of leaks repaired w/in 24 hrs? or;

Y N NA

b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?

Y N NA

Maintained calibration data? *(for direct reading instrument only)*

Y N NA

Maintained exhaust duct monitoring data on perc concentrations?

Y N NA

Maintained startup/shutdown/malfunction plan?

Y N

Maintained deviation reports?

Y N NA

Problem corrected?

Y N NA

Maintained compliance plan, if applicable?

Y N NA

PART VI: LEAK DETECTION AND REPAIRS

1. Does the responsible official conduct a weekly (for small sources, bi-weekly) leak detection and repair inspection? Y N

2. Has the facility maintained a leak log? Y N

3. Does the responsible official check the following areas for leaks:

- | | | | |
|---|--|--------------------------|--|
| Hose connections, fitting couplings, and valves | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA | Muck cookers | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA |
| Door gaskets and seating | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA | Stills | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA |
| Filter gaskets and seating | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA | Exhaust dampers | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA |
| Pumps | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA | Diverter valves | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA |
| Solvent tanks and containers | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA | Cartridge Filter housing | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA |
| Water separators | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA | | |

4. Which method of detection is used by the responsible official?
- Visual examination (condensed solvent on exterior surfaces)
 - Physical detection (airflow felt through gaskets)
 - Odor (noticeable perc odor)
 - Use of direct-reading instrumentation (FID/PID/calorimetric tubes)
 - Halogen leak detector

If using direct-reading instrumentation, is the equipment:

- a. Capable of detecting perc vapor concentrations in a range of 0-500 ppm. Y N
- b. Calibrated against a standard gas prior to and after each use (PID/FID only). Y N
- c. Inspected for leaks and obvious signs of wear on a weekly basis? Y N
- d. Kept in a clean and secure area when not in use. Y N
- e. Verified for accuracy by use of duplicate samples (calorimetric only)? Y N

Margaret V. Hennis
Inspector's Name (Please Print)

5/27/99
Date of Inspection

Margaret V. Hennis
Inspector's Signature

5/2000
Approximate Date of Next Inspection

ADDITIONAL SITE INFORMATION:

Facility was not maintaining 12 month consec. cammelabrix totals from February - May 27, 1999. Had Calundar partially filled out. Strong perc. odor at machine. Voc leak detector was reading 8 on medium Sensitivity Scale. Owner had taken cover off still to solvent tank and run hose from still to tank. This allowed reclaimed perc to go to solvent tank. Significant opening to allow vapors out. Observed top of still to be loose and not clamped down. Owner stated it was installed in this manner. Machine is almost outside of building. Leaves in secondary containment. Lots of equipment + drums outside - not covered. Mr. Berry fixed those by cutting piece of existing hose off + reattaching to machine. He also applied hose clamps + c-clamps to still. Odors decreased significantly. I advised him of requirement to prevent emissions from uncovered solvent containers. He says he has a detector and checks for leaks routinely. It appears there is. He stated he did not repair immediately because of busy schedule. I advised him that reducing leaks / covering solvent will reduce SOW. consumption significantly. I assisted w/ getting 12 month totals up to date.

THIS PORTION MUST BE ATTACHED TO RECEIPT FOR PROPER HANDLING

300312 ✓

Please include your AIRS ID# on your check or money order. This number can be found below on your mailing label.

TOTAL AMOUNT DUE: \$50.00

Do **NOT** Remove Label

AIRS ID#1030294
NORTH HERCULES DRY CLEANERS
ALBERT D BERRY
2180 N HERCULES AVE
CLEARWATER FL 34623

FOR GOVERNMENT USE ONLY
Org.: 37550101000 EO: B1
Fund: 20-2-035001
Obj.: 002273



THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING

389138

Please include your AIRS ID# on your check or money order. This number can be found below on your mailing label. ✓

TOTAL AMOUNT DUE: \$50.00

Do NOT Remove Label

AIRS ID # 1030294
 NORTH HERCULES DRY CLEANERS
 ALBERT D BERRY
 2180 N HERCULES AVE
 CLEARWATER FL 34623

Bureau of Air Monitoring & Mobile Sources

RECEIVED
DEC 10 1999

RECEIVED
MAIL ROOM
DEC - 8 99

FOR GOVERNMENT USE ONLY
 Org.: 37550101000 EO: B1
 Fund: 202-035001
 Obj.: 002273

ADD

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

FACILITY NAME: North Hercules Cleaners DATE: 2/4/00
 FACILITY LOCATION: 2180 N. Hercules Ave.
Clearwater, FL 33767

Annual Reporting Period: May 27 ¹⁹⁹⁹₂₀ TO February 4 2000

Based on each term or condition of the Title V general air permit, my facility has remained in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. YES NO

If NO, complete the following:

#1. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

Exact period of non-compliance: from _____ to _____
 Action(s) taken to achieve compliance: _____
 Method used to demonstrate compliance: _____

#2. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

Exact period of non-compliance: from _____ to _____
 Action(s) taken to achieve compliance: _____
 Method used to demonstrate compliance: _____

As the responsible official, I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, my annual consumption of perchloroethylene solvent, based upon purchase receipts, does not exceed 2,100 gallons per year for dry-to dry facilities or 1,800 gallons per year for transfer or combination facilities.

RESPONSIBLE OFFICIAL: ALBERT D. BERRY Albert D. Berry 2-4-00
 Name (Please Print) Signature Date

*This form is made available to you as an aid in order to meet your annual compliance certification requirements. It is at the discretion of the responsible official to use this form.

RECEIVED

MAR 13 2000

**TITLE V AIR QUALITY AIR GENERAL PERMIT
INSPECTION SUMMARY REPORT**

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY RE-INSPECTION

AIRS ID#: <u>1030294</u>	DATE: <u>2/4/00</u>	TIME IN: <u>10:30</u>	TIME OUT: <u>11:00</u>
FACILITY NAME: <u>North Hercules Cleaners</u>			
FACILITY LOCATION: <u>2180 N Hercules Ave.</u> <u>Clearwater, FL, 33763</u>			
RESPONSIBLE OFFICIAL: <u>Albert Berry</u>		Phone No.: <u>727-734-4448</u>	
Permit No. _____		Exp. Date: _____	

- Based on the results of the compliance requirements evaluated during this inspection, the facility is found to be in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.).
- Based on the results of the compliance requirements evaluated during this inspection, the following compliance **discrepancies** were noted (only items which are checked):

Inspection Summary Report Guidance

	Compliance Requirement/Problem	Follow-up Action Required
<input type="checkbox"/>	Did not have a start-up, shutdown, malfunction (SSM) plan in place, along with associated recordkeeping, on site.	If no specific procedures are available from the manufacturer, develop a SSM plan that describes procedures for maintaining and operating equipment during periods of start-up and shutdown associated with a malfunction. EPA's O&M manual may be used if no manufacturers information is available. Keep log of maintenance actions
<input type="checkbox"/>	Purchase receipts were not maintained properly.	Maintain all purchase receipts in a log kept on-site for determination of perchloroethylene solvent consumption.
<input type="checkbox"/>	Monthly purchase records were not maintained as a consecutive twelve month total.	Develop and implement a recordkeeping procedure that maintains monthly purchases (perc) as a consecutive twelve month total.
<input type="checkbox"/>	Could not confirm that temperature sensor was designed to measure 45°F with an accuracy of ±2°F.	Obtain verification from the manufacturer that the temperature sensor is designed to measure 45°F with an accuracy of ±2°F, or determine this by another method that the Department would consider appropriate.
<input type="checkbox"/>	Evaporator for separator wastewater does not incorporate a pre-filtration system.	Facility may choose to either dispose of perc-containing separator water as hazardous waste, or incorporate a carbon filtration system with the evaporator (as per the State's guidelines).
<input type="checkbox"/>	Did not store all perc, and perc-containing waste in tightly sealed containers.	Store all perc and perc-containing waste in tightly sealed containers which are impervious and chemically unreactive to the solvent.
<input type="checkbox"/>	Did not maintain a log of leak detection inspection and repair records.	Develop and implement a leak detection inspection and repair program. Maintain a log of leak detection inspection and repair records.

	Compliance Requirement/Problem	Follow-up Action Required
<input type="checkbox"/>	Did not conduct weekly leak detection and repair inspection.	Develop and implement a leak detection inspection and repair program. Use at least one of the methods outlined in Part II, Section 7(a), of the general permit provisions, to detect leaks. Inspect the items listed in Part II, Section 7(b), for leaks. Repair leaks within 24 hours of detection, unless repair equipment must be ordered.
<input type="checkbox"/>	No calibration records for the mechanical direct reading instrumentation (halogen detector) were available.	Mechanical direct-reading instrumentation shall be operated as directed by the manufacturer and must meet the conditions in Part II, Section 7(e) of the general permit provisions..
<input type="checkbox"/>	Did not measure and record the outlet temperature of the refrigerated condenser on the dry-to-dry machine (dryer, reclaimer) on a weekly basis.	Develop and implement a monitoring program. Measure and record the outlet temperature on a weekly basis. The temperature, measured at the end of the drying cycle, must not exceed 45°F.
<input type="checkbox"/>	Airflow is directed towards the refrigerated condenser upon the door being opened and no diverter valve is in place.	Equip the condenser with a diverter valve to prevent air flow to the refrigerated condenser when the door is opened.
<input type="checkbox"/>	The outlet exhaust temperature of the refrigerated condenser exceeds 45°F and was not repaired within 24 hours.	Repair or adjust condenser within 24 hours of measurement indicating that the outlet exhaust temperature of the refrigerated condenser exceeds 45°F. The repair shall be documented in the monitoring record log.
<input type="checkbox"/>	Machine doors are not closed and secure during times other than loading and unloading.	Keep doors closed and secured at all times except during loading and unloading.
<input type="checkbox"/>	Temperature monitoring was not conducted after an appropriate cooldown period and after verifying that the coolant was completely charged.	Conduct all temperature monitoring following an appropriate cooldown period and after verifying that the coolant has been completely charged.
<input type="checkbox"/>	Containers for perchloroethylene and/or perchloroethylen-containing waste were found to be leaking.	Examine the containers, used for storing perchloroethylene and/or perchloroethylene-containing waste, for leakage.
<input type="checkbox"/>		
<input type="checkbox"/>		

Comments: machine door was pushed to but not fastened. Be sure to fasten door when finished unloading/loading.

If the Inspection Summary Report indicates follow-up actions are required, you must take immediate corrective measures to achieve compliance. Pinellas County will perform a follow-up inspection to determine that proper corrective actions have been taken.

Inspection Conducted by: Margaret Heanis

Inspector's Signature: Margaret V. Heanis

Phone Number: 464-4422

**PERCHLOROETHYLENE DRY CLEANERS
TITLE V GENERAL PERMIT
COMPLIANCE INSPECTION CHECKLIST**

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY
RE-INSPECTION

AIRS ID#: <u>1030294</u>	Date: <u>2/4/00</u>	TIME IN: <u>10:30</u>	TIME OUT: <u>11:00</u>
FACILITY NAME: <u>North Hercules Cleaners</u>			
FACILITY LOCATION: <u>2180 N Hercules Ave.</u> <u>Clearwater, FL, 33763</u>			
RESPONSIBLE OFFICIAL: <u>Albert Berry</u>		PHONE: <u>727-734-4445</u>	
CONTACT: <u>Albert Berry</u>		PHONE: _____	

PART I: NOTIFICATION	
(Check appropriate box)	
1. Existing facility notified DARM By 9/1/96	<input checked="" type="checkbox"/>
2. New facility notified DARM 30 days prior to startup	<input type="checkbox"/>
3. Facility failed to notify DARM to use general permit	<input type="checkbox"/>

PART II: CLASSIFICATION	
Facility indicated on notification form that it is: (Check appropriate box)	
<p>A.</p> <p>1. Existing small area source <input type="checkbox"/> dry-to-dry only, x < 140 gal/yr transfer only, x < 200 gal/yr both types, x < 140 gal/yr (Constructed before 12/9/91)</p> <p>3. Existing large area source <input checked="" type="checkbox"/> dry-to-dry only, 140 < x < 2,100 gal/yr transfer only, 200 < x < 1,800 gal/yr both types, 140 < x < 1,800 gal/yr (Constructed before 12/9/91)</p>	<p><input type="checkbox"/> No notification form</p> <p><input type="checkbox"/> Drop store / out of business / petroleum</p> <p>2. New small area source <input type="checkbox"/> dry-to-dry only, x < 140 gal/yr transfer only, x < 200 gal/yr both types, x < 140 gal/yr (Constructed on or after 12/9/91)</p> <p>4. New large area source <input type="checkbox"/> dry-to-dry only, 140 < x < 2,100 gal/yr transfer only, 200 < x < 1,800 gal/yr both types, 140 < x < 1,800 gal/yr (Constructed on or after 12/9/91)</p>
This is a correct facility classification: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> Can not determine	
If no, please check the appropriate classification:	
<input type="checkbox"/> facility qualified for a general permit as number _____ above	
<input type="checkbox"/> facility exceeds above limits and is not eligible for a general permit	
B. The total quantity of perchloroethylene (perc) purchased within the preceding 12 months by this dry cleaning facility was <u>260</u> gallons.	

PART III: GENERAL CONTROL REQUIREMENTS

Is the responsible official of the dry cleaning facility:
(check appropriate boxes)

1. Storing perchloroethylene in tightly sealed and impervious containers? Y N NA
2. Examining the containers for leakage? Y N NA
3. Closing and securing machine doors except during loading/unloading? Y N
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal? Y N NA
5. Maintaining solvent-to-carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications? Y N NA

PART IV: PROCESS VENT CONTROLS

In Part II-A:

If classification (1) has been checked, no controls are required. Proceed to Part V.

If classification (2) has been checked, the machine should be equipped with a refrigerated condenser (complete A below)

If classification (3) has been checked, the machine should be equipped with either a refrigerated condenser or a carbon adsorber (complete A and B below). Carbon adsorber must have been installed prior to September 22, 1993.

If classification (4) has been checked, the machine should be equipped with a refrigerated condenser (complete A and B below.)

A. Has the responsible official of all new sources and existing large area sources: (check appropriate boxes)

1. Equipped all machines with the appropriate vent controls? Y N
2. Equipped dry-to-dry machines with a closed-loop vapor venting system? Y N NA
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door? Y N NA
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis? Y N
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F? Y N NA
6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged? Y N

B. Has the responsible official of an existing large or new large area source also:

1. Measured and recorded the exhaust temperature on the outlet side of the condenser located on dry-to-dry, reclaimer, and dryer machines on a weekly basis? Y N
2. Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly? Y N NA
Is the temperature differential equal to or greater than 20° F? Y N NA
3. Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is venting to the adsorber, if machines are equipped with a carbon adsorber? Y N NA
Is the perc concentration equal to or less than 100 ppm? Y N NA
4. Assured that the sampling port on the carbon adsorber exhaust for measuring perc concentrations is at least 8 duct diameters downstream of any bend, contraction, or expansion; is at least 2 duct diameters upstream from any bend contraction, or expansion; and downstream from no other inlet? Y N NA
5. Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils? Y N NA
6. Routed airflow to the carbon adsorber (if used) at all times? Y N NA

PART V: RECORDKEEPING REQUIREMENTS

Has the responsible official:
(check appropriate boxes)

1. Maintained receipts for perc purchased? Y N
2. Maintained rolling monthly averages of perc consumption? Y N
3. Maintained leak detection inspection and repair reports for the following:
- a. documentation of leaks repaired w/in 24 hrs? or; Y N NA
 - b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt? Y N NA
4. Maintained calibration data? (for direct reading instrument only) Y N NA
5. Maintained exhaust duct monitoring data on perc concentrations? Y N NA
6. Maintained startup/shutdown/malfunction plan? Y N
7. Maintained deviation reports?
Problem corrected? Y N NA
8. Maintained compliance plan, if applicable? Y N NA

PART VI: LEAK DETECTION AND REPAIRS

1. Does the responsible official conduct a weekly (for small sources, bi-weekly) leak detection and repair inspection? Y N

2. Has the facility maintained a leak log? Y N

3. Does the responsible official check the following areas for leaks:

Hose connections, fitting couplings, and valves Y N NA Muck cookers Y N NA

Door gaskets and seating Y N NA Stills Y N NA

Filter gaskets and seating Y N NA Exhaust dampers Y N NA

Pumps Y N NA Diverter valves Y N NA

Solvent tanks and containers Y N NA Cartridge Filter housing Y N NA

Water separators Y N NA

4. Which method of detection is used by the responsible official?

Visual examination (condensed solvent of exterior surfaces)

Physical detection (airflow felt through gaskets)

Odor (noticeable perc odor)

Use of direct-reading instrumentation (FID/PID/calorimetric tubes)

Halogen leak detector

If using direct-reading instrumentation, is the equipment:

a. Capable of detecting perc vapor concentrations in a range of 0-500 ppm. Y N

b. Calibrated against a standard gas prior to and after each use(PID/FID only). Y N

c. Inspected for leaks and obvious signs of wear on a weekly basis? Y N

d. Kept in a clean and secure area when not in use. Y N

e. Verified for accuracy by use of duplicate samples (calorimetric only)? Y N

Margaret Hennis
Inspector's Name (Please Print)

2/4/00
Date of Inspection

Margaret V. Hennis
Inspector's Signature

2/01
Approximate Date of Next Inspection

ADDITIONAL SITE INFORMATION:

Owner had worked on machine - new parts at duct to
carbon adsorber, which is used when door is opened. Observed
operator removing load when I arrived. Several minutes
later, when I looked at machine I noticed door was
pushed to, but not latched, however vent system to
the carbon adsorber was on, creating air flow into
drum and not out. Vent is on whenever door is open.
Less perc odor (faint) relative to previous inspections.
No waste drums (filled) observed on site. Has some
old empty drums by plant. Advised owner + owner's
son Dennis about need to keep door closed when
not loading or unloading. Noted son spoke immediately
with employee about open door. MDH

**DRY CLEANER AIR QUALITY GENERAL PERMIT
ANNUAL COMPLIANCE CERTIFICATION FORM**

FACILITY NAME: North Hercules Cleaners **Date:** 11/22/00

FACILITY LOCATION: 2180 N Hercules Ave.

Clearwater, FL, 33763

RECEIVED
 DEC 1 2 2000
 Bureau of Air Monitoring
 & Mobile Sources

Annual Reporting Period: February 4, 2000 To November 22, 2000

Based on each term or condition of the Title V general air permit, my facility has remained in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. **YES** **NO**

IF NO, complete the following:

#1. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

Exact period of non-compliance: **from** _____ **to** _____

Action(s) taken to achieve compliance: _____

Method used to demonstrate compliance: _____

#2. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:

Exact period of non-compliance: **from** _____ **to** _____

Action(s) taken to achieve compliance: _____

Method used to demonstrate compliance: _____

As the responsible official, I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, my annual consumption of perchloroethylene solvent, based upon rolling averages of purchase receipts, does not exceed 2,100 gallons per year for dry-to-dry facilities or 1,800 gallons per year for transfer or combination facilities.

RESPONSIBLE OFFICIAL: Albert Berry Dennis A Berry 11-22-00
 (Name, Please Print) Signature Date
Signed For Albert Berry

*This form is made available to you as an aid in order to meet your annual compliance certification requirements. It is at the discretion of the responsible official to use this form.

**TITLE V AIR QUALITY AIR GENERAL PERMIT
INSPECTION SUMMARY REPORT**

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY RE-INSPECTION

AIRS ID#: <u>1030294</u>	DATE: <u>11/22/00</u>	TIME IN: <u>10:00 a.m.</u>	TIME OUT: <u>10:32 a.m.</u>
FACILITY NAME: <u>North Hercules Cleaners</u>			
FACILITY LOCATION: <u>2180 N Hercules Ave.</u> <u>Clearwater, FL, 33763</u>			
RESPONSIBLE OFFICIAL: <u>Albert Berry</u>		Phone No.: <u>(727) 734-4445</u>	
Permit No. <u>1030294-001-AG</u>		Exp. Date: <u>8/6/2001</u>	

- Based on the results of the compliance requirements evaluated during this inspection, the facility is found to be in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.).
- Based on the results of the compliance requirements evaluated during this inspection, the following compliance **discrepancies** were noted (only items which are checked):

Inspection Summary Report Guidance

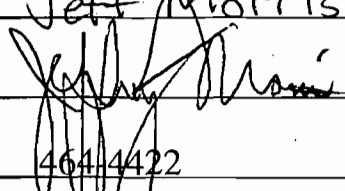
	Compliance Requirement/Problem		Follow-up Action Required
<input type="checkbox"/>	Did not have a start-up, shutdown, malfunction (SSM) plan in place, along with associated recordkeeping, on site.		If no specific procedures are available from the manufacturer, develop a SSM plan that describes procedures for maintaining and operating equipment during periods of start-up and shutdown associated with a malfunction. EPA's O&M manual may be used if no manufacturers information is available. Keep log of maintenance actions
<input type="checkbox"/>	Purchase receipts were not maintained properly.		Maintain all purchase receipts in a log kept on-site for determination of perchloroethylene solvent consumption.
<input type="checkbox"/>	Monthly purchase records were not maintained as a consecutive twelve month total.		Develop and implement a recordkeeping procedure that maintains monthly purchases (perc) as a consecutive twelve month total.
<input type="checkbox"/>	Could not confirm that temperature sensor was designed to measure 45°F with an accuracy of ±2°F.		Obtain verification from the manufacturer that the temperature sensor is designed to measure 45°F with an accuracy of ±2°F, or determine this by another method that the Department would consider appropriate.
<input type="checkbox"/>	Evaporator for separator wastewater does not incorporate a pre-filtration system.		Facility may choose to either dispose of perc-containing separator water as hazardous waste, or incorporate a carbon filtration system with the evaporator (as per the State's guidelines).
<input type="checkbox"/>	Did not store all perc, and perc-containing waste in tightly sealed containers.		Store all perc and perc-containing waste in tightly sealed containers which are impervious and chemically unreactive to the solvent.
<input type="checkbox"/>	Did not maintain a log of leak detection inspection and repair records.		Develop and implement a leak detection inspection and repair program. Maintain a log of leak detection inspection and repair records.

	Compliance Requirement/Problem	Follow-up Action Required
<input type="checkbox"/>	Did not conduct weekly leak detection and repair inspection.	Develop and implement a leak detection inspection and repair program. Use at least one of the methods outlined in Part II, Section 7(a), of the general permit provisions, to detect leaks. Inspect the items listed in Part II, Section 7(b), for leaks. Repair leaks within 24 hours of detection, unless repair equipment must be ordered.
<input type="checkbox"/>	No calibration records for the mechanical direct reading instrumentation (halogen detector) were available.	Mechanical direct-reading instrumentation shall be operated as directed by the manufacturer and must meet the conditions in Part II, Section 7(e) of the general permit provisions..
<input type="checkbox"/>	Did not measure and record the outlet temperature of the refrigerated condenser on the dry-to-dry machine (dryer, reclaimers) on a weekly basis.	Develop and implement a monitoring program. Measure and record the outlet temperature on a weekly basis. The temperature, measured at the end of the drying cycle, must not exceed 45°F.
<input type="checkbox"/>	Airflow is directed towards the refrigerated condenser upon the door being opened and no diverter valve is in place.	Equip the condenser with a diverter valve to prevent air flow to the refrigerated condenser when the door is opened.
<input type="checkbox"/>	The outlet exhaust temperature of the refrigerated condenser exceeds 45°F and was not repaired within 24 hours.	Repair or adjust condenser within 24 hours of measurement indicating that the outlet exhaust temperature of the refrigerated condenser exceeds 45°F. The repair shall be documented in the monitoring record log.
<input type="checkbox"/>	Machine doors are not closed and secure during times other than loading and unloading.	Keep doors closed and secured at all times except during loading and unloading.
<input type="checkbox"/>	Temperature monitoring was not conducted after an appropriate cooldown period and after verifying that the coolant was completely charged.	Conduct all temperature monitoring following an appropriate cooldown period and after verifying that the coolant has been completely charged.
<input type="checkbox"/>	Containers for perchloroethylene and/or perchloroethylene-containing waste were found to be leaking.	Examine the containers, used for storing perchloroethylene and/or perchloroethylene-containing waste, for leakage.
<input type="checkbox"/>		
<input type="checkbox"/>		

Comments: _____

If the Inspection Summary Report indicates follow-up actions are required, you must take immediate corrective measures to achieve compliance. Pinellas County will perform a follow-up inspection to determine that proper corrective actions have been taken.

Inspection Conducted by: Jeff Morris

Inspector's Signature: 

Phone Number: 464-4422

**PERCHLOROETHYLENE DRY CLEANERS
TITLE V GENERAL PERMIT
COMPLIANCE INSPECTION CHECKLIST**

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY
 RE-INSPECTION

AIRS ID#: 1030294 **Date:** 11/22/00 **TIME IN:** 10:00am **TIME OUT:** 10:32am

FACILITY NAME: North Hercules Cleaners

FACILITY LOCATION: 2180 N Hercules Ave.
Clearwater, FL, 33763

RESPONSIBLE OFFICIAL: Albert Berry **PHONE:** (727) 734-4445

CONTACT: Albert Berry **PHONE:** (727) 734-4445

PART I: NOTIFICATION

(Check appropriate box)

1. Existing facility notified DARM By 9/1/96

2. New facility notified DARM 30 days prior to startup

3. Facility failed to notify DARM to use general permit

PART II: CLASSIFICATION

Facility indicated on notification form that it is:
 (Check appropriate box)

<input type="checkbox"/> No notification form
<input type="checkbox"/> Drop store / out of business / petroleum

A.

<p>1. Existing small area source <input type="checkbox"/></p> <p>dry-to-dry only, $x < 140$ gal/yr transfer only, $x < 200$ gal/yr both types, $x < 140$ gal/yr (Constructed before 12/9/91)</p>	<p>2. New small area source <input type="checkbox"/></p> <p>dry-to-dry only, $x < 140$ gal/yr transfer only, $x < 200$ gal/yr both types, $x < 140$ gal/yr (Constructed on or after 12/9/91)</p>
<p>3. Existing large area source <input checked="" type="checkbox"/></p> <p>dry-to-dry only, $140 < x < 2,100$ gal/yr transfer only, $200 < x < 1,800$ gal/yr both types, $140 < x < 1,800$ gal/yr (Constructed before 12/9/91)</p>	<p>4. New large area source <input type="checkbox"/></p> <p>dry-to-dry only, $140 < x < 2,100$ gal/yr transfer only, $200 < x < 1,800$ gal/yr both types, $140 < x < 1,800$ gal/yr (Constructed on or after 12/9/91)</p>

This is a correct facility classification: Y N Can not determine

If no, please check the appropriate classification:

facility qualified for a general permit as number _____ above

facility exceeds above limits and is not eligible for a general permit

B. The total quantity of perchloroethylene (perc) purchased within the preceding 12 months by this dry cleaning facility was 223 gallons.

PART III: GENERAL CONTROL REQUIREMENTS

Is the responsible official of the dry cleaning facility:
(check appropriate boxes)

- | | | | |
|--|---------------------------------------|----------------------------|--|
| 1. Storing perchloroethylene in tightly sealed and impervious containers? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> NA |
| 2. Examining the containers for leakage? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> NA |
| 3. Closing and securing machine doors except during loading/unloading? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | |
| 4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> NA |
| 5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications? | <input type="checkbox"/> Y | <input type="checkbox"/> N | <input checked="" type="checkbox"/> NA |

PART IV: PROCESS VENT CONTROLS

In Part II-A:

If classification (1) has been checked, no controls are required. Proceed to Part V.

If classification (2) has been checked, the machine should be equipped with a refrigerated condenser (complete A below)

If classification (3) has been checked, the machine should be equipped with either a refrigerated condenser or a carbon adsorber (complete A and B below). Carbon adsorber must have been installed prior to September 22, 1993.

If classification (4) has been checked, the machine should be equipped with a refrigerated condenser (complete A and B below.)

A. Has the responsible official of all new sources and existing large area sources: (check appropriate boxes)

- | | | | |
|--|---------------------------------------|----------------------------|-----------------------------|
| 1. Equipped all machines with the appropriate vent controls? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | |
| 2. Equipped dry-to-dry machines with a closed-loop vapor venting system? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> NA |
| 3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> NA |
| 4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a <u>weekly</u> /bi-weekly basis? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | |
| 5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> NA |
| 6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | |

PART VI: LEAK DETECTION AND REPAIRS

1. Does the responsible official conduct a weekly (for small sources, bi-weekly) leak detection and repair inspection? Y N

2. Has the facility maintained a leak log? Y N

3. Does the responsible official check the following areas for leaks:

- | | | | |
|---|--|--------------------------|--|
| Hose connections, fitting couplings, and valves | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA | Muck cookers | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA |
| Door gaskets and seating | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA | Stills | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA |
| Filter gaskets and seating | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA | Exhaust dampers | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA |
| Pumps | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA | Diverter valves | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA |
| Solvent tanks and containers | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA | Cartridge Filter housing | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA |
| Water separators | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA | | |

4. Which method of detection is used by the responsible official?

- Visual examination (condensed solvent of exterior surfaces)
- Physical detection (airflow felt through gaskets)
- Odor (noticeable perc odor)
- Use of direct-reading instrumentation (FID/PID/calorimetric tubes)
- Halogen leak detector

If using direct-reading instrumentation, is the equipment:

- a. Capable of detecting perc vapor concentrations in a range of 0-500 ppm. Y N
- b. Calibrated against a standard gas prior to and after each use (PID/FID only). Y N
- c. Inspected for leaks and obvious signs of wear on a weekly basis? Y N
- d. Kept in a clean and secure area when not in use. Y N
- e. Verified for accuracy by use of duplicate samples (calorimetric only)? Y N

Jeff Morris
Inspector's Name (Please Print)

Jeff Morris
Inspector's Signature

11/22/00
Date of Inspection

5/22/01
Approximate Date of Next Inspection

B. Has the responsible official of an existing large or new large area source also:

1. Measured and recorded the exhaust temperature on the outlet side of the condenser located on dry-to-dry, reclaimer, and dryer machines on a weekly basis? Y N
2. Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly? Y N NA
Is the temperature differential equal to or greater than 20° F? Y N NA
3. Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is venting to the adsorber, if machines are equipped with a carbon adsorber? Y N NA
Is the perc concentration equal to or less than 100 ppm? Y N NA
4. Assured that the sampling port on the carbon adsorber exhaust for measuring perc. concentrations is at least 8 duct diameters downstream of any bend, contraction, or expansion; is at least 2 duct diameters upstream from any bend contraction, or expansion; and downstream from no other inlet? Y N NA
5. Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils? Y N NA
6. Routed airflow to the carbon adsorber (if used) at all times? Y N NA

PART V: RECORDKEEPING REQUIREMENTS

Has the responsible official:
(check appropriate boxes)

1. Maintained receipts for perc purchased? Y N
2. Maintained rolling monthly averages of perc consumption? Y N
3. Maintained leak detection inspection and repair reports for the following:
- a. documentation of leaks repaired w/in 24 hrs? or; Y N NA
 - b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt? Y N NA
4. Maintained calibration data? (for direct reading instrument only) Y N NA
5. Maintained exhaust duct monitoring data on perc concentrations? Y N NA
6. Maintained startup/shutdown/malfunction plan? Y N
7. Maintained deviation reports? Y N NA
Problem corrected? Y N NA
8. Maintained compliance plan, if applicable? Y N NA

8
THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING

257957

Please include your AIRS ID# on your check or money order. This number can be found below on your mailing label.

RECEIVED
MAIL ROOM

JAN 14 97

TOTAL AMOUNT DUE: \$50.00

Do **NOT** Remove Label

AIRS ID# 1030294
NORTH HERCULES DRY CLEANERS
ALBERT D BERRY
2180 N HERCULES AVE
CLEARWATER FL 34623

FOR GOVERNMENT USE ONLY
Org.: 37550101000 EO: B1
Fund: 20-2-035001
Obj.: 002273

9

THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING

0353878

Please include your AIRS ID# on your check or money order. This number can be found below on your mailing label.

RECEIVED
TOTAL AMOUNT DUE: \$50.00

DEC 10 98

Do NOT Remove Label

AIRS ID # 1030294
 NORTH HERCULES DRY CLEANERS
 ALBERT D BERRY
 2180 N HERCULES AVE
 CLEARWATER FL 34623

FOR GOVERNMENT USE ONLY
 Org.: 37550101000
 Fund: 20-2-035001
 Obj.: 002273

Bureau of
& Mobile
Sources
Monitoring

DEC 14 1998

RECEIVED

Fold at line over top of envelope to the right of the return address

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Received by (Please Print Clearly)	B. Date of Delivery 6/5/11
	C. Signature X <i>A. Berry</i>	
1. Article Addressed to:	<input type="checkbox"/> Agent <input type="checkbox"/> Addressee	
	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No	
10 AIRS ID # 1030294001AG ALBERT D BERRY NORTH HERCULES DRY CLEANERS 2180 N HERCULES AVE CLEARWATER FL 34623 <i>Z 210662985</i>	3. Service Type	
	<input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
2. Article Number (Copy from service label)	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
PS Form 3811, July 1999 Domestic Return Receipt 102595-99-M-1789		

Z 210 662 985

US Postal Service
Receipt for Certified Mail

10 AIRS ID # 1030294001AG
 ALBERT D BERRY
 NORTH HERCULES DRY CLEANERS
 2180 N HERCULES AVE
 CLEARWATER FL 34623

Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, April 1995



THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING

400005

Please include your AIRS ID# on your check or money order. This number can be found below on your mailing label.

TOTAL AMOUNT DUE: \$50.00

12-15-00 pd

Do **NOT** Remove Label

RECEIVED
MAIL ROOM
DEC 15 00

AIRS ID # 1030294
NORTH HERCULES DRY CLEANERS
ALBERT D BERRY
2180 N HERCULES AVE
CLEARWATER FL 34623

FOR GOVERNMENT USE ONLY
Org.: 37550101000 EO: A1
Fund: 20-2-035001
Obj.: 002273