

# 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

loty Keret

Bureau of Air Monitoring and Mobile Sources

/DD

cc: Mr. Gary Robbins, Pinellas County

### 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):
NOOTH HEDRINGS DRY NEARLESS
NORTH HERCULES DRY CLEANERS  3. Hazardous Waste Generator Identification Number:
4. Facility Location: 0. 0.0 14 14 00 0 14 00
Street Address: 2180 N. HERCULES 1706
City: CLEAR WHTER County: PINELLAS Zip Code: 34623
5. Facility Identification Number (DEP Use):
1030294
是一种,我们就是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个
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 H. HERCULES AVE
Street Address: 2180 H. HERCULES AVE City: CLEARWATER PINELLAS Zip Code: 34623
8. Responsible Official Telephone Number:
Telephone: (\$13) 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: City:  County:  Zip Code:
City: Zip Code:
11. Facility Contact Telephone Number:
11. Facility Contact Telephone Number: Telephone: ( ) - Fax: ( ) - RECEIVED
RECE.  AUG 1 3 1996
1 200
* VVCIIIO.
Bureau of Air Works

DEP Form No. 62-213.900(2) Effective: 6-25-96

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& Mobile Sources

#### **Facility Information**

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

		Date	Date		Date	Date		Date	Date
		Machine	Control		Machine	Control		Machine	Control
		Initially	Device		Initially	Device		Initially	Device
Type of Machine	ID	Purchased	Installed	ID	Purchased	Installed	ID	Purchased	Installed
Example	#1	03-OCT-93	12-NOV-93	#2	08-DEC-91		#3	02-MAR-92	02-MAR-9
Dry-to-Dry Unit		BI-MAY	RL		, ,				100
(1) w/ ref. condenser		O( 04448		1/2					
(2) w/ carbon adsorber		01-HH-86							
(3) w/ no controls		<u> </u>							
Washer Unit			·						
(4) w/ ref. condenser			_						
(5) w/ carbon adsorber									
(6) w/ no controls									
Dryer Unit	: a -				*,* \$			- <u> </u>	
(7) w/ ref. condenser									
(8) w/ carbon adsorber									
(9) w/ no controls	-								
Reclaimer Unit		Q-M44-86	01-M4Y-	86	-1.1		7		
(10) w/ ref. condenser	K	0-444-91	01- May-	76					
(11) w/carbon adsorber	X	01-M4Y-86	01-1444	16					
(12) w/ no controls			, ,	<del></del>					
<ul> <li>(b) Control devices are required, but not yet installed []</li> <li>(c) No control devices are required to be installed []</li> <li>2.(a) What was the total quantity of perchloroethylene (perc) purchased in the latest 12 months? [] gallons</li> <li>(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: []</li> </ul>									
3. What is the facility's so (Indicate with an "X".  Existing small ar  Existing large are	Selec ea so	t one classifi	cation only.) Ne	ew sn	nall area sour	rce []	!	Part II?	
Existing large are	za SOL	ince [1/2]	INE	w iai	rge area sour	ce []	l		

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4. What control technology is required (Indicate with an "X".)	iired on machines	pursuant to section (5) of P	art II of this notification form?
Existing large area source Carbon adsorber		Refrigerated condenser	<u>k</u>
New small area source Refrigerated condenser			
New large area source Refrigerated condenser			
5. A facility which contains non-e to Rule 62-213.300, F.A.C. Verify exemption criteria or that no such a All steam and hot water generating boiler HP or less), and (2) are fireduring which propane or fuel oil contains and hot water generating No such units on-site	y that all steam and units exist on-site: g units on-site (1) i d exclusively by no ontaining no more	d hot water generating units  have a total heat input of 1  atural gas except for period	on-site meet the following  O million BTU/hr or less (298)  ds of natural gas curtailment
Fauinm	ent Monitoring a	and Recordkeeping Inforn	nation
	_	• -	
Check all logs which are required (a) Purchase receipts and solvent p	-	m accordance with the requ	[K]
(b) Leak detection inspection and r	repair		K
(c) Refrigerated condenser tempera	ature monitoring		( <b>)</b>
(d) Carbon adsorber exhaust perc of	concentration mon	itoring	(K)
(e) Instrument calibration			(K)
(f) Start-up, shutdown, malfunctio	on plan	,	

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### Surrender of Existing Air Permit(s)

Please indicat	e 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)
X	No air permits currently exist for the operation of the facility indicated in this notification form.
	Responsible Official Certification
this notifi statement maintain	ersigned, am the responsible official, as defined in Part II of this form, of the facility addressed in cation. I hereby certify, based on information and belief formed after reasonable inquiry, that the s made in this notification are true, accurate and complete. Further, I agree to operate and the air pollutant emissions units and air pollution control equipment described above so as to ith all terms and conditions of this general permit as set forth in Part II of this notification form.
I will pro	mptly notify the Department of any changes to the information contained in this notification.
<u>All</u> Signature	ext ). Berry AUG-6. 1996



## Department of Environmental Protection

Jeb Bush Governor 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,

Sándra Bowman

Bureau of Air Monitoring and Mobile Sources

SB/

Enclosure

cc: Gary Robbins, Pinellas County

"More Protection, Less Process"

Printed on recycled paper.

·
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.
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 pechloroethylene purche 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 mont  Auerage as was shown by inspector.
#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 leaf 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: Optain 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

<sup>\*</sup>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.

<u> </u>
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. TYES
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
Water from water separator shall be contained as hazardous waste ar 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
Method used to demonstrate compliance:
As the memorality official Thombus swife, heard on information and helicoffees of a few seconds in the state of the state
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: A LBERT D. BERRY Albert D. Bevry 3-12-97  Name (Please Print)  Name (Please Print)

<sup>\*</sup>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.

· · · · · · · · · · · · · · · · · · ·
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.
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, shlutdown for malfunction plan and deviation report  Exact period of non-compliance: from March 12, 1997
Action(s) taken to achieve compliance:    Action(s) taken to achieve compliance:   Action(s) taken to achieve complianc
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
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 date frances condense
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 Of Leat D. Belvus, 3-12-97

Name (Please Print)

Signature

Date

<sup>\*</sup>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.

		•
FACILITY NAME: North		aning DATE: 3/12/97
FACILITY LOCATION: 2180	1 Hercules	
Clean	water, FL 34623	
Annual Reporting Period: Marc	12, 1996 TO	March 12, 1997
Based on each term or condition of the Title 62-213.300, Florida Administrative Code (		
If NO, complete the following:		
#1. Term or condition of the general permi	t that has not been in continuous complian	nce during the reporting period stated above:
A refrigerator Compaction and Compaction of the American American Compact C	ondenser is requi lity that is clossif March 12, 1996	red for the Dry-Day fied as an Existing Longe Arayon to March 12, 4997
Action(s) taken to achieve compliance:		Il he equipped with nserand temperature sensor
Method used to demonstrate compliance:		
#2. Term or condition of the general permi	t that has not been in continuous complian	nce during the reporting period stated above:
Exact period of non-compliance: from	t	0
Action(s) taken to achieve compliance:		
Method used to demonstrate compliance:	·	<del></del>
·		
As the responsible official, I hereby certify, made in this notification are true, accurate upon rolling averages of purchase receipts, year for transfer or combination facilities.  RESPONSIBLE OFFICIAL:  Na	and complete. Further, my annual consu	mption of perchloroethylene solvent, based
•		

<sup>\*</sup>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.

	INSPECTI	ALITY-AIR GEI ON SUMMARY		
TYPE OF INSPECTION:	ANNUAL 🗆	COMPLAINT/I	DISCOVERY 🗆	RE-INSPECTION I
TIME IN: 11:30p.m.	TIME OU	T: 12:45p.m.	AIRS ID#	1030294 001
TYPE OF FACILITY:	Perchloroethy	lene Dry Clean	er	
FACILITY NAME:	North Hercu	les Cleaners	DA	TE: May 22, 1997
FACILITY LOCATION	: 2180 N Hercı	ıles Ave., Cleaı	water, FL 34623	
RESPONSIBLE OFFICI	AL: ALBERT BE	RRY	PHONE NUMBER	2: (813) 734-4445
to be in compliance	with DEP Rule 62-2 s of the compliance re	13.300, Florida A	ated during this inspected during this inspected attention of the state of the stat	•

The Annual Compliance Certification form has been properly	
DATE OF NEXT INSPECTION:	Sentember 15, 1997
,	(Approximate)
INSPECTION CONDUCTED BY:	Jeffrey Morris
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	(Please Print)
INSPECTOR'S SIGNATURE: WALLED A MANAGEMENT AND A MANAGEME	PHONE NUMBER: 44422

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Revised 10/96

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

<b>/</b>	

TYPE OF INSPECTION:

4.) Did not maintain a log of leak detection

inspection and repair records.

ANNUAL M

COMPLAINT/DISCOVERY □

filtration system with the evaporator (as per the State's

Develop and implement a leak detection inspection and

repair program. Maintain a log of leak detection inspection

RE-INSPECTION □

TIME IN: 10:00 am	TIME OU	Г: 10:50 am	AIRS ID#	1030294 001		
TYPE OF FACILITY:	Perchloroethyle	ene Dry Cleaner				
FACILITY NAME:	North Hercule	es Cleaners	DATE	: March 12, 1997		
FACILITY LOCATION: 2180 N Hercules Ave., Clearwater, FL 34623						
RESPONSIBLE OFFICIAL	: ALBERT BER	RY P	HONE NUMBER:	(813)734-4445		
Based of 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, sh malfunction (SSM) plan in pl associated recordkeeping, on	lace, along with	If no specific proced manufacturer, develor for maintaining and start-up and shutdow EPA's O&M manua information is availa	op a SSM plan that doperating equipment on associated with a language of the plant	lescribes procedures during periods of malfunction. nanufacturers		
3.) Evaporator for separator v not incorporate a pre-filtratio		Facility may choose separator water as ha	<del>-</del>	-		

The Annual Compliance Certification form has been prop	perly certified and submitted to the inspector.	Yes ☑	No □
DATE OF NEXT INSPECTION:	March 26, 1997		
	(Approximate)		
INSPECTION CONDUCTED BY:	Jeffrey Morris		
	PHONE NUMBER: 46	4-44	22
	Page   of 2		vised 10

guidelines).

and repair records.

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Revised 10/96

# TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF INSPECTION: ANNUA	COMPLAINT/E	DISCOVERY 🗆 R	E-INSPECTION
TIME IN: 10:00 am	TIME OUT: 10:50 am	AIRS ID#	1030294 001
TYPE OF FACILITY: Perc	hloroethylene Dry Clean	er	
FACILITY NAME: No	rth Hercules Cleaners	DATE	E: March 12, 1997
FACILITY LOCATION: 218	0 N Hercules Ave., Clea	rwater, FL 34623	
RESPONSIBLE OFFICIAL: AL	BERT BERRY	PHONE NUMBER:	(813)734-4445
Based of the results of the contobe in compliance with DEI Based on the results of the concompliance discrepancies were	P Rule 62-213.300, Florida A mpliance requirements evalu	dministrative Code (F.A.C	C.).
5.) No calibration records for the modirect reading instrumentation (halo detector) were available.	gen as directed by	rect-reading instrumentati the manufacturer and mus Part II, Section 7(e) of the	st meet the
6.) Did not measure and record the condition temperature of the refrigerated condition the dry-to-dry machine (dryer, reclaweekly basis.	lenser on and record the	mplement a monitoring proutlet temperature on a wassured at the end of the F.	eekly basis. The
COMMENTS:			
		,	
The Annual Compliance Certification form DATE OF NEXT INSPECTION:	has been properly certified and sub		es ☑ No □
INSPECTION CONDITIONS BY:	Toff	al Morris	

Page  $\underline{2}$  of  $\underline{2}$ 

**INSPECTOR'S SIGNATURE:** 

Revised 10/96

PHONE NUMBER: 464-4422

### PERCHLOROETHYLENE DRY CLEANERS

## TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION:	ANNUAL RE-INSPECTIO	ON	<b>a</b> /	COMPLAINT/DISC	OVERY	0
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)	<u>-</u> -					
Existing facility notified DAR	M by 9/1/96°					☑′
2. New facility notified DARM 30	days prior to sta	rtup				
3. Facility failed to notify DARM	to use general pe	rmit				
				V-00		
PART II: CLASSIFICATION						
Facility indicated on notification (check appropriate box)	form that it is:					
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)		dry-to-d transfer both typ	ry only, only, x< es, x<14	rea source x<140 gal/yr :200 gal/yr 0 gal/yr or after 12/9/91)	o ·	
3. Existing large area source dry-to-dry only, 140 <x<2, (constructed="" 100="" 12="" 140<x<1,800="" 200<x<1,800="" 9="" 91)<="" before="" gal="" galboth="" only,="" td="" transfer="" types,="" y=""><td>gal/yr l/yr</td><td>dry-to-d transfer both typ</td><td>ry only, only, 20 es, 140&lt;</td><td>rea source 140<x<2, 100="" gal="" yr<br="">0<x<1,800 gal="" yr<br="">x&lt;1,800 gal/yr or after 12/9/91)</x<1,800></x<2,></td><td></td><td></td></x<2,>	gal/yr l/yr	dry-to-d transfer both typ	ry only, only, 20 es, 140<	rea source 140 <x<2, 100="" gal="" yr<br="">0<x<1,800 gal="" yr<br="">x&lt;1,800 gal/yr or after 12/9/91)</x<1,800></x<2,>		
This is a correct facility classifica	tion	ΣΥ	ΩN			
If no, please check the appropriat	e classification:			•	. •	
	for a general per above limits and i			above general permit		
B. The total quantity of perchloro facility was <u>632</u> gallons.	ethylene (perc) pu	urchased v	vithin th	e preceding 12 months	s by this dry	cleaning

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?	MY ON
2. Examining the containers for leakage?	מם צם
3. Closing and securing machine doors except during loading/unloading?	MY ON
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	DY ON
5. Maintaining solvent-to-carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	ם או מס אם

#### 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. (cl	. Has the responsible official of all new sources and existing large area sources: heck appropriate boxes) A tax machine has refrigerator condensed			
1.	heck appropriate boxes) A jax machine has refrigerator condenser.  Miraclean has Carbon adsorber.  Equipped all machines with the appropriate vent controls?	A ja∀ ⊡Y		Mi factor
2.	Equipped dry-to-dry machines with a closed-loop vapor venting system?	⊠Y	ΠN	DN/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			<sup>v</sup> □N/A
4.	Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly basis?	que de la	MM	Miracles BN/A
5.	Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?			Miraclan BN/A
6.	Conducted all temperature monitoring after an appropriate cooldown period and after verifying that the coolant had been completely charged?	Ajo ⊠Y	□N	Mirada MN/A
В.	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?

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?	□У □И
Applicable Micaclean Machine Non vented machine 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?	DY MAN DAN/A
Is the perc concentration equal to or less than 100 ppm?	DY-MINA
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?	DY MN
5. Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	OY ON MN/A
6. Routed airflow to the carbon adsorber (if used) at all times?	MY ON ON/A
	•
PART V: RECORDKEEPING REQUIREMENTS	
Has the responsible official: (check appropriate boxes)	
1. Maintained receipts for perc purchased?	MY ON
2. Maintained rolling monthly averages of perc consumption?	DY OW
3. Maintained leak detection inspection and repair reports for the following:	
a. documentation of leaks repaired w/in 24 hrs? or;	DY WN
b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?	DA DAN
4. Maintained calibration data? (for direct reading instruments only)	DY MN DN/A
5. Maintained exhaust duct monitoring data on perc concentrations?	DY TON NA
6. Maintained startup/shutdown/malfunction plan?	DY MN
7. Maintained deviation reports?	DY WN
· Problem corrected? (No deviation report)	אם צם
8. Maintained compliance plan, if applicable?	DY DN MON/A
PART VI: LEAK DETECTION AND REPAIRS	
1. Does the responsible official conduct a weekly leak detection and repair inspection?	QY ON
2. Which method of detection is used by the responsible official?	/
Visual examination (condensed solvent on exterior surfaces)	<b>12</b>
Physical detection (airflow felt through gaskets)	<b>12</b>
Odor (noticeable perc odor)	Ø
Use of direct-reading instrumentation (FID/PID/calorimetric tubes)	<b>13</b> /

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

	If using direct-reading instrum	entation	n, is the equ	ipment:		
a. Capable of detecting perc vapor concentrations in a range of 0-500 ppm?					ΠY	DAN
b. Calibrated against a standard gas prior to and after each use (PID/FID only)?					ΩY	DAV
	c. Inspected for leaks ar	ıd obvio	us signs of	wear on a weekly basis?	$\Box$ Y	CM
	d. Kept in a clean and s	ecure ar	ea when no	t in use?	ΠY	ON
	e. Verified for accuracy	by use o	of duplicate	samples (calorimetric only)?	ΩY	EN
3. Has the facility maintained a leak log? (no recent leak logs for post 6 months)  4. The following areas should be checked for leaks by the inspector:					ΩY	en
4.	The following areas should be checked	for leak	is by the ins	pector:		
Leak Detected?				Leak	Detected?	
	Hose connections, fittings, couplings, and valves	ΩY	<b>⊠</b> N	Muck cookers	ΟY	⊡Ń
	Door gaskets and seating	ΠY	© <b>X</b> i	Stills	ΠY	Бų
	Filter gaskets and scating	ΠY	©X1	Exhaust dampers	ΟY	en l
	Pumps	ΩŅ	ON	Diverter valves	ΠY	on v
	Solvent tanks and containers	ΟY	ON /	Cartridge filter housings	ΩY	ШN
	Water separators	ΟY	ON			
	Λι	*********		ACCOR A SOLITION DESCRIPTION		
	HIBERT BERRY					

Albert Berry
Name of Responsible Official
Jeffrey Morris
Ipspector's Name (Vease Print)
Why It aris
Institut Signature

3/12/97
Date of Inspection
3/26/97
Approximate Date of Next Inspection

#### ADDITIONAL SITE INFORMATION:

AJAX Model 465 7016 Serial #465268000189

- Refrigerator condesor temperature Sensor.
- Evaporates water from water separator.
- carbon adsorber for door opening. diverts air to carbon adsorber. water is pushed through adsorber - No secondary containment
- Model#125.T - Miraclean 2516 Scrial# 17236
- · No refrigerator condenser/Temperature Sensor needed. Operator is working with Cleaners Equipment to install refrigerator condenser.
  - No secondary containment
  - No carbon fiftration, evaporates water from water separator
  - -carbon adsorber and chiller
  - Plans to install refrigerator condenser. HiTech, Instruments Brevard, NC teak aetector.

### PERCHLOROETHYLENE DRY CLEANERS

TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION:	ANNUAL RE-INSPECTION		COMPLAINT/DISCOV	VERY 🗆		
AIRS ID#: 1030294 TIME IN: 11:30p.m TIME OUT: 1245p.m.  FACILITY NAME: North Hercules Cleaners  FACILITY LOCATION: 2180 N. Hercules  Clearwater, FL 34623						
PART I: NOTIFICATION						
(check appropriate box)						
1. Existing facility notified DAR	M by 9/1/96 °			ष्ट		
2. New facility notified DARM	30 days prior to start	tup				
3. Facility failed to notify DARN	I to use general per	mit		0		
PART II: CLASSIFICATION						
Facility indicated on notification (check appropriate box)	n form that it is:					
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)	/	•	, x<140 gal/yr <200 gal/yr 40 gal/yr or after 12/9/91)			
3. Existing large area source dry-to-dry only, 140 <x<2, (constructed="" 100="" 12="" 140<x<1,800="" 200<x<1,800="" 9="" 91)<="" before="" both="" g="" gal="" only,="" td="" transfer="" types,=""><td>) gal/yr al/yr</td><td>transfer only, 2 both types, 140</td><td>nrea source , 140<x<2, 100="" gal="" yr<br="">00<x<1,800 gal="" yr<br=""><x<1,800 gal="" yr<br="">or after 12/9/91)</x<1,800></x<1,800></x<2,></td><td>]</td></x<2,>	) gal/yr al/yr	transfer only, 2 both types, 140	nrea source , 140 <x<2, 100="" gal="" yr<br="">00<x<1,800 gal="" yr<br=""><x<1,800 gal="" yr<br="">or after 12/9/91)</x<1,800></x<1,800></x<2,>	]		
This is a correct facility classific	ation	OY ON	•			
If no, please check the appropriate classification:						
	d for a general perm above limits and is					
B. The total quantity of perchlor facility was 450 gallons.	oethylene (perc) pur	rchased within t	he preceding 12 months b	y this dry cleaning		

PART III: GENERAL CONTROL REQUIREMENTS						
Is the responsible official of the dry cleaning facility: (check appropriate boxes)						
Storing perchloroethylene in tightly scaled and impervious containers?	My On					
2. Examining the containers for leakage?	DY ON					
3. Closing and securing machine doors except during loading/unloading?	DY ON					
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	DY ON					
5. Maintaining solvent-to-carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	OY ON DON/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 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 refr (complete A and B below).	igerated condenser					
A. Has the responsible official of all new sources and existing large area sources: (check appropriate boxes)						
Equipped all machines with the appropriate vent controls?	MY DN					
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	ON ON A					
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	MY ON ON/A					
Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly basis?	DAY CON					
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45° F?	GY ON					

Revised 10/14/96

DY ON

DY DN

6. Conducted all temperature monitoring after an appropriate cooldown period and after verifying that the coolant had been completely charged?

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

on dry-to-dry, reclaimer, and dryer machines on a weekly basis?

1. Measured and recorded the exhaust temperature on the outlet side of the condenser located

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?	OY ON
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 alteorber, if machines are equipped with a carbon adsorber?	OY ON ON/A
Is the perc concentration equal to or less than 100 ppm?	OY ON
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?	ОУ ОИ
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?	OY ON ON/A
PART V: RECORDKEEPING REQUIREMENTS	
Has the responsible official: (check appropriate boxes)	/ ATAM
1. Maintained receipts for perc purchased?	DAY ON
2. Maintained rolling monthly averages of perc consumption?	MD AM
3. Maintained leak detection inspection and repair reports for the following:	
a. documentation of leaks repaired w/in 24 hrs? or;	MY ON
b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?	ON CON
4. Maintained calibration data? (for direct reading instruments only)	OY ON ON/A
5. Maintained exhaust duct monitoring data on perc concentrations?	DY ON N/A
6. Maintained startup/shutdown/malfunction plan? (Developed SSM plan + 7. Maintained deviation reports?	DAY ON SXION
7. Maintained deviation reports?	NO YES
Problem corrected?	עם אם ,
8. Maintained compliance plan, if applicable?	DY DN DAN/A
PART VI: LEAK DETECTION AND REPAIRS	
1. Does the responsible official conduct a weekly leak detection and repair inspection?	QY ON
2. Which method of detection is used by the responsible official?	
Visual examination (condensed solvent on exterior surfaces)	<b>e</b>
Physical detection (airflow felt through gaskets)	<b>d</b> /
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 p	erc vap	or concent	rations in a range of 0-500 kpm?	$\Box$ Y	מם	
b. Calibrated against a standard gas prior of and after each resociation (PID/FID only)?  c. Inspected for leads and privious signs of wear on a weekly basis?  d. Kept in a clean and secure area when not in use?					0 N O N	
	by use o	i duplicate	samples (calorimetric only)?	OY		
3. Has the facility maintained a leak log?				<b>Q</b> Y	□И	
4. The following areas should be checked:	for leaks	by the in	spector:			
Leak Detected?				Leak Detected?		
Hose connections, fittings, couplings, and valves	ΩY	ØN	Muck cookers	ΩY	<b>D</b> N	
Door gaskets and seating	ΟY	ØN.	Stills	ΩY	QV	
Filter gaskets and scating	ΩY	DA1	Exhaust dampers	ΩY	CON	
Pumps	Д,Y	ON,	Diverter valves	ΩY	DK	
Solvent tanks and containers	ΠY	DV.	Cartridge filter housings	QΥ	DD/V	
Water separators	ΠY	ON.				
Albert Berry						

Name of Responsible Official

Inspector's Name (Please Print)

Inspector's signature

 $\frac{9/23/97}{\text{Pate of Juspection}}$ 

Approximate Date of Next Inspection

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

AJAX Model 7016 Seríal #465268000189

MIRACLEAN Dry-Dry

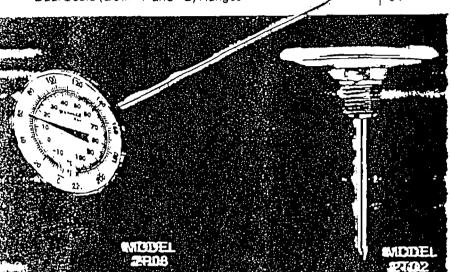
- Has been permanently skutdown and will be removed. New Forenta 35 16 machine will be installed by August.

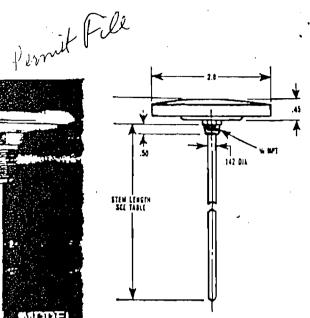


2 - Moti Dial Size

#### STANDAR: FEATURES

- All Stainless Steel Construction
  Accurate to = 1% of Scale Rangs
  Dual Scale (Both °F and °C) Ranges





MOUNTING DIMENSIONS TYPE 2T

CATALOG NUMBER	TYPE		LE (Both *F and *C) ER - CELSIUS ON INNER SCALE
280811	8" Plain Stem With Recalibration Feature	-40 to 150°F in 2° divs 25 to 125°F in 1° divs 0 to 180°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 ½° divs. and -18 to 82°C in 1° divs. and -18 to 105°C in 1° divs. and 10 to 206°C in 2° divs. and 10 to 290°C in 5° divs.
2T02††	2½" Stem ½" 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 - 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 ½° 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

RECEIVED SEP 1 2 1996 AIR QUALITY

Facility Name and Location

1. Facility Owner/Company Name (Name of corporation, agency, or individual owner):
2. Site Name (For example, plant name or number):
NORTH HERCULES DRY CLEANERS  3. Hazardous Waste Generator Identification Number:
, rest for the second s
4. Facility Location: 2180 N. HERCULES AVE Street Address:
City: CLEAR WATER County: PINELLAS Zip Code: 34623
5: Facility Identification Number (DEP Use):  1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Responsible Official
6. Name and Title of Responsible Official:
7. Responsible Official Mailing Address: Organization/Firm: NOIGH HERCULES DRY CLEANERS Street Address: 2180 N. HERCULES AVE City: CLEARWATER Responsible Official Telephone Number: Telephone: (\$13) 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: City:  Zip Code:
11. Facility Contact Telephone Number: Telephone: ( ) - Fax: ( ) - CELV
Telephone: ( ) - Fax: ( ) - RECEIV
11. Facility Contact Telephone Number: Telephone: ( ) - Fax: ( ) - RECEIVE
Bureau of Air Mor & Mobile Sou

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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 its purchase, and the date the control device was installed, if applicable.

	1	Date	Date		Date	Date		Date	Date
		Machine	Control		Machine	Control		Machine	Control
4,		Initially	Device		Initially	Device		Initially	Device
Type of Machine		Purchased	Installed		Purchased	Installed	ID	Purchased	Installed
Type of Machine	10	1 dichased	instance	10	1 dienasea	msuned	110	T uremused	mstario
Example	#1	03-OCT-93	12-NOV-93	#2	08-DEC-91		#3	02-MAR-92	02-MAR-9
Dry-to-Dry Unit		OL-MAY	86					•	
(1) w/ ref. condenser	X	06-0414480		1/2					
(2) w/ carbon adsorber	マ	01-M44-86							
(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		CX-M44-86	01-HAY-	86				•	
(10) w/ ref. condenser	火	01-4144-54							
(11) w/carbon adsorber	X	DI-HAY-86	OL-MAY-	16					
(12) w/ no controls		1	13.7					_	
(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?  [									
3. What is the facility's so (Indicate with an "X".  Existing small ar  Existing large are	Selec ea so	t one classifi	cation only.) Ne	w sn	nitions found	rce []	3) of	Part II?	
=::::::::::::::::::::::::::::::::::::::		· · · · · · · · · · · · · · · · · · ·			G		,		

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(Indicate with an "X".)	es pursuant to section (5) of Part II of this notification form?
Existing large area source Carbon adsorber	Refrigerated condenser [K]
New small area source Refrigerated condenser []	
New large area source Refrigerated condenser  []	
	s units shall not be eligible to use the general permit pursuant nd hot water generating units on-site meet the following e:
	) have a total heat input of 10 million BTU/hr or less (298 natural gas except for periods of natural gas curtailment re 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	e 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 mo	onitoring X
(e) Instrument calibration	
(f) Start-up, shutdown, malfunction plan	<u>\</u> .

DEP Form No. 62-213.900(2)

Effective: 6-25-96

#### Surrender of Existing Air Permit(s)

	Surrender of Existing 7th Terminals
Please indicat	te 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)
X	No air permits currently exist for the operation of the facility indicated in this notification form.
	Responsible Official Certification
this notifi statemen maintain	dersigned, am the responsible official, as defined in Part II of this form, of the facility addressed in fication. I hereby certify, based on information and belief formed after reasonable inquiry, that the ts made in this notification are true, accurate and complete. Further, I agree to operate and the air pollutant emissions units and air pollution control equipment described above so as to with all terms and conditions of this general permit as set forth in Part II of this notification form.
I will pro	mptly notify the Department of any changes to the information contained in this notification.
<u> </u>	et ). Berry  Date

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

TYPE OF INSPECTION:	RE-INSPECTION		LOG-Keptin	COVERY <b>U</b> Color codedn	oubooks
AIRS ID#: 1030294 001	DATE: <u>5//</u>	9/98	TIME IN: 10:0	tilleabinetor	in break an
FACILITY NAME:	North Herc	ules Clea	ners	·······································	<b>X</b> ^
FACILITY LOCATION:	2180 N Hercu	les Ave.		Sur VIN	1
	Clearwater, Fl	L, 34623		100, A. 9	
RESPONSIBLE OFFICIA				PHONE: 7	-4445
CONTACT: Albert L	Berry			PHONE:	
PART I: NOTIFICATION	,				
(Check appropriate box)					
1. New facility notified DA	RM 30 days prior to	startup			
2. Facility failed to notify D	ARM to use general	permit			_ •
PART II: CLASSIFICATI	ON				
Facility indicated on notifica (Check appropriate box)	ation form that it is:		No notification f Drop store / out o	orm of business / petrolet	ım
A.  1. Existing small area so dry-to-dry only, x<14 transfer only, x<200 so both types, x<140 galacter (Constructed before 1)	source	·	2. New small area dry-to-dry only, transfer only, x < both types, x < 14 (Constructed on	source x≺140 gal/yr 200 gal/yr 0 gal/yr or after 12/9/91)	1
3. Existing large area so dry-to-dry only, 140 transfer only, 200 < x both types, 140 < x < 1, (Constructed before 1)	ource X x < 2,100 gal/yr 1,800 gal/yr 800 gal/yr (2/9/91)		4. New large area dry-to-dry only, transfer only, 20 both types, 140 < (Constructed on	source 140 <x<2,100 gal="" yr<br="">0<x<1,800 gal="" yr<br="">x&lt;1,800 gal/yr or after 12/9/91)</x<1,800></x<2,100>	)
This is a correct facility clas	sification:		Can not determine		
If no, please check the a  facility qualified to  facility exceeds a	for a general permit a	as number			
B. The total quantity of per facility was		) purchase	ed within the preceding	ng 12 months by this	dry cleaning

PART III: GENERAL CONTROL REQUIREMENTS			<u>i</u>	
Is the responsible official of the dry cleaning facility:				
(check appropriate boxes)	,			
1. Storing perchloroethylene in tightly sealed and impervious containers?	☑ Y	ΠN	☐ NA	
2. Examining the containers for leakage?	Y	ПN	☐ NA	
3. Closing and securing machine doors except during loading/unloading?	Y	ΠN		
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	□Y	ПΝ	□NA	
5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	ΩY	□N	⊠ NA	
			<del></del>	
PART IV: PROCESS VENT CONTROLS				
In Part II-A:				
If classification (1) has been checked, no controls are required. Proceed to Pa	art V.			
If classification (2) has been checked, the machine should be equipped with a (complete A below)	refrige	rated cor	idenser	
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 (complete A and B below.)	refrige	erated con	denser	
A. Has the responsible official of all new sources and existing large area sou (check appropriate boxes)	rces:			
1. Equipped all machines with the appropriate vent controls?	, ,	ΠN	•	
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	Y	ΠN	□NA	
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	<b>Y</b>	□N	□NA	
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis?	ĽΎ	ПN	·	
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	₽Ý	ПN	□NA	
6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	¥	ŪΝ		

#### BEST AVAILABLE COPY

3. 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? PTY DN Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly?  $\Box$ Y ON THE Is the temperature differential equal to or greater than 20°F?  $\Box$ Y 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 DY ON ONA machines are equipped with a carbon adsorber? Is the perc concentration equal to or less than 100 ppm?  $\square$ Y  $\square$ N 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 dust diameters upstream from any bend contraction, or DY DN DNA expansion; and downstream from no other inlet? Equipped transfer machines (dryers, reclaimers, and washers) with individual DIN PINA condenser coils? ON GINA Routed airflow to the carbon adsorber (if used) at all times?  $\square_{Y}$ ART V: RECORDKEEPING REQUIREMENTS as the responsible official: :heck appropriate boxes) . Maintained receipts for perc purchased? □¥ □N Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following: Dry Dn a. documentation of leaks repaired w/in 24 hrs? or; b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt? Dry Dn . Maintained calibration data? (for direct reading instrument only) DY DN DRYA DY ON TOWA Maintained exhaust duct monitoring data on perc concentrations? Maintained startup/shutdown/malfunction plan? . Maintained deviation reports? Problem corrected? Maintained compliance plan, if applicable?

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_							
PA	RT VI: LEAK DETECTION AND REPAIRS						
1.	Does the responsible official conduct a weekly leak detection and repair inspection?	OY ON					
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)	ū					
]	If using direct-reading instrumentation, is the equipment:						
	<ul> <li>a Capable of detecting perc vapor concentrations in a range of 0-500 ppm.</li> <li>b. Calibrated against a standard gas prior to and after each use (PID/FID only).</li> <li>c. Inspected for leaks and obvious signs of wear on a weekly basis?</li> </ul>						
	d. Kept in a clean and secure area when not in use.	OY ON					
	e. Verified for accuracy by use of duplicate samples (calorimetric only)?	□y □n					
3.	Has the facility maintained a leak log?	OY ON					
4.	The following area should be checked for leaks by the inspector: No leaks						
	Hose connections, fitting couplings, and valves	OY ON					
	Door gaskets and seating	Ðrý On					
	Filter gaskets and seating	on pro					
	Pumps Diverter valves	DAY ON					
	Solvent tanks and containers	ON PP					
	Water separators						
	Albert Berry Name of Responsible Official  Manager V. Hun. 5  Inspector's Name (Please Print)  Date of Inspection	n .					
	Hanne 5/99	Today					

# TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF INSPEC	TION: ANNUAL COMPLAINT/DISCOVERY RE-INSPECTION						
AIRS ID#: 1030294 001 DATE: 5/19/98 TIME IN: 10:00 TIME OUT: 11:00  FACILITY NAME: North Hercules Cleaners							
FACILITY NAW	IE: North Hercules Cleaners						
FACILITY LOC	ATION: 2180 N Hercules Ave.						
	Clearwater, FL, 34623						
RESPONSIBLE	OFFICIAL: Albert Berry Phone: Barry Phone: Barry						
Permit No. 1030294-001-AG Exp. Date: 08/26/2001							
Based of 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.).							
	ed on the results of the compliance requirements evaluated during this inspection, the following pliance discrepancies were noted (only items which are checked):						

### **Inspection Summary Report Guidance**

Compliance Requirement/Problem	Follow-up Action Required
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
Purchase receipts were not maintained properly.	Maintain all purchase receipts in a log kept on-site for determination of perchloroethylene solvent consumption.
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.
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.
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).
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.
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.

<u></u>	Compliance Requirement/Problem	Follow-up Action Required					
	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.					
	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					
	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.					
	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.					
	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.					
	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.					
	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.					
	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.					
	,						
	Comments: Discussed Carbon ac	doorber issues - Control's emissions					
	when door is open - only . (I.E. frequency of Shipping Carbon and taping 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 Henri	is					
	Inspector's Signature:  Marack Z	finnes					
	Phone Number: 464-4422						

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

Do NOT Remove Label

Annual Reporting Period:	NI	_19 <u>98</u> то _	DECT	3 l 19 <u>98</u>
Based on each term or condition of the Total	-		<u> </u>	
If NO, complete the following:				
#1. Term or condition of the general per	mit that has not been in c	ontinuous compliance	e during the reporting	ng period stated above:
Exact period of non-compliance: from	RE	CEIVE	<b>—</b>	form and the second
Action(s) taken to achieve compliance:	· F	MN 9 2 soon	·	
Method used to demonstrate compliance	Burea,	u of Air Monitoring Mobile Sources		0 98 0 Edou
#2. Term or condition of the general per		ces	e during the reporting	ng 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, notification are true, accurate and complete does not exceed 2,100 gallons per year for d	. Further, my annual cons	umption of perchloroes	thylene solvent, based	d upon purchase receipts,
RESPONSIBLE OFFICIAL: ALBE	ERT D. BERRY Name (Please Print)	1 Alberi	D. Bevu Signature	1-16-98 Date

<sup>\*</sup>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

Revised 10/10/96

# DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

			<del></del>		<u> </u>	
FACILITY NAME: North	Herewles	Clean	66	DAT	E: 7/30/98	<u></u>
FACILITY LOCATION: 2/80	N. Hero	cules A	Ave.	SUP OF	, 1	
FACILITY NAME: North  FACILITY LOCATION: 2/80  C/ec	arwester-	pl 2		Nobil Al	O Isy CO	)
					2	
Annual Reporting Period: May	<i>32</i>	19 <u>97</u>	то Моц	19	3 O 1170 19PS	<u>,</u>
Based on each term or condition of the Title	e V general air pern	nit, my facility h	as remained in c	ompliance with I	DEP Rule	
62-213.300, Florida Administrative Code (	F.A.C.), during the	period covered b	y this statement.	<b>YES</b>	□ио	
If NO, complete the following:						
#1. Term or condition of the general permi	it that has not been	in continuous co	mpliance during	the reporting pe	riod 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 permi	it that has not been i	in continuous co	mpliance during	the reporting per	riod stated above:	
Exact period of non-compliance: from			to			
Action(s) taken to achieve compliance:						
1					-	—
Method used to demonstrate compliance:	•	· · · · · · · · · · · · · · · · · · ·				
	·			<u> </u>		
As the responsible official, I hereby certify, made in this notification are true, accurate upon rolling averages of purchase receipts, year for transfer or combination facilities.	and complete. Fur	ther, my annual	consumption of	perchloroethylen	e solvent, based	
RESPONSIBLE OFFICIAL: ALBER Na	D. BERR Ime (Please Print)	Y ai	Went D. Signatu	Rooy	7-30-98 Date	_

<sup>\*</sup>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.

### **BEST AVAILABLE COPY**

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mar mu	1 02911	
ARS ID#	1030294	
	<del></del>	

Revised 10/10/96

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

FACILITY NAME: North Herewas Cleaners DATE: 5/27/99
FACILITY LOCATION: 2180 N. Herchles Ave.
Clearwater FL 32763
Annual Reporting Period: May 19 19 98 TO May 17 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 punchase records were not maintained as a consecutive 12 months tot
Exact period of non-compliance: from Feb. 1, 1999 to Man 27, 1899
Exact period of non-compliance: from Feb. 1, 1999 to Man 27, 1999  Action(s) taken to achieve compliance: Usla Calander to Dog purchasely
Method used to demonstrate compliance: in Released.
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 Contain - passe 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 Brown stell
Tethod used to demonstrate compliance: La secured give and lacked der
Covos to still and Tanks.
s the responsible official, I hereby certify, based on information and belief formed after reasonable inquiry, that the statements tade in this notification are true, accurate and complete. Further, my annual consumption of perchloroethylene solvent, based pon rolling averages of purchase receipts, does not exceed 2,100 gallons per year for dry-to dry facilities or 1,800 gallons per ear for transfer or combination facilities.
ESPONSIBLE OFFICIAL: ALBERT D. BERRY albert D. Grevry 5-27.99  Name (Please Print)  Signature RECEPAVE

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

Bureau of Air Monitoring & Mobile Sources

# TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF INSPECTION: ANNUAL G COMPLAINT/DISCOVERY RE-INSPECTION G					
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 No.:					
Permit No. 1030294-001-AG Exp. Date: 08/26/2001					
Based of 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
	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
	Purchase receipts were not maintained properly.	Maintain all purchase receipts in a log kept on-site for determination of perchloroethylene solvent consumption.
D)	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.
	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.
	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).
Þ	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.
	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
	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.
	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
	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.
	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.
	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.
	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.
. 🗆	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.
	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.
臣	Did not 5 to me all perc/perc-conf- aining material in sealed containers	Close secure lid on still to provent leaks. Replace hose to Solvent tank.
	Comments: Shong perc odor. Re	ading for medium Sensitivity souls
	on loc leak detector Still to	ading for medium Sensits vity sools Le was opened to allow reclaimed solvent
	O AUSSIBLE. Please Call When it If the Inspection Summary Report indicates follow-up a	Week to replace here as soon as incident corrective
		perform a follow-up inspection to determine that proper
	corrective actions have been taken.	
	Inspection Conducted by: Margaret Henni	s
	Inspector's Signature: majaref U.	Leme
	Phone Number: 464-4422	

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

TYPE OF INSPECTION:	RE-INSPECTION	COMPLAIN I/DISCOVERY		
AIRS ID#: 1030294 001	DATE: <u>5/2-7</u>	7/99 TIME IN: <u>//: 40</u> TIME OUT: <u>/2</u> :	40	
FACILITY NAME:	North Hercule	s Cleaners		
FACILITY LOCATION:	2180 N Hercules	Ave.		
	Clearwater, FL,	33763		
RESPONSIBLE OFFICIA		PHONE:		
CONTACT:	<u>и</u>	PHONE:		
PART I: NOTIFICATION	1	: 		
(Check appropriate box)				
1. Existing facility notified	DARM By 9/1/96		<u>u</u>	
2. New facility notified DA	RM 30 days prior to star	rtup .		
3. Facility failed to notify I	OARM to use general per	rmit		
PART II: CLASSIFICAT	ION			
Facility indicated on notific (Check appropriate box)	ation form that it is:	No notification form Drop store / out of business / petroleum		
A.  1. Existing small area dry-to-dry only, x<1 transfer only, x<200 both types, x<140 ga (Constructed before	source 40 gal/yr gal/yr I/yr 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 dry-to-dry only, 140 transfer only, 200 <x both types, 140<x<1 (Constructed before</x<1 </x 	source <x<2,100 gal="" yr<br="">&lt;1,800 gal/yr ,800 gal/yr 12/9/91)</x<2,100>	4. New large area source dry-to-dry only, 140 <x<2,100 (constructed="" 12="" 140<x<1,800="" 200<x<1,800="" 9="" 91)<="" after="" both="" gal="" on="" only,="" or="" td="" transfer="" types,="" yr=""><td></td></x<2,100>		
This is a correct facility classification:				
11 —		number above igible for a general permit		
B. The total quantity of perchloroethylene (perc) purchased within the preceding 12 months by this dry cleaning facility was 371 gallons Has used up to 471 galloward month of				

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 L tank acoper.	Y My DNA				
2. Examining the containers for leakage?	DY ON ONA				
3. Closing and securing machine doors except during loading/unloading?	OY ON				
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	OY ON ONA				
5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	OY ON ONA				
	· · · · · · · · · · · · · · · · · · ·				
PART IV: PROCESS VENT CONTROLS	. ***				
In Part II-A:					
If classification (1) has been checked, no controls are required. Proceed to Pa	art 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?	ey on				
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	Y ON ONA				
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	□Ý □N □NA				
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis?	⊡Ý □N				
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	DY ON ONA				
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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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?	ØÝ □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?	Oy On Oma Oy On Oma
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?	Oy On Oma Oy On Oma
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 dust diameters upstream from any bend contraction, or expansion; and downstream from no other inlet?	Oy On Oma
Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	Dy On Ona
Routed airflow to the carbon adsorber (if used) at all times?	OY ON ONA
ART V: RECORDKEEPING REQUIREMENTS	
as the responsible official: neck appropriate boxes)	
Maintained receipts for perc purchased?	DY ON
Maintained rolling monthly averages of perc consumption? Feb- macy	□v □kí
Maintained leak detection inspection and repair reports for the following:	Will war was a second
a. documentation of leaks repaired w/in 24 hrs? or;	DY DIVIDINA
b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?	DY DWANA
Maintained c dibration data? (for direct reading instrument only)	DY DN QMA
Maintained exhaust duct monitoring data on perc concentrations?	Oy On Ona
Maintained startup/shutdown/malfunction plan?	DY ON
Maintained deviation reports?	DY ON ONA
Problem corrected?	DY DN DNA
Maintained compliance plan, if applicable?	DV DN DDA

### **Best Available Copy**

PA	PART VI: LEAK DETECTION AND REPAIRS						
1.	. Does the responsible official conduct acceedly for small sources, bi-weekly) leak detection and repair inspection?						
2.	Has the facility maintained a le	eak log	?			OY	Пи
3.	Does the responsible official c	heck th	e follo	owing areas	for leaks:		
	Hose connections, fitting couplings, and valves		ŪΝ	□NA	Muck cookers	₽'n	□n □na
	Door gaskets and seating	ØY	ŪΝ	$\square$ NA	Stills	<b>⊡</b> Ý	□n □na
	Filter gaskets and seating	TY	ŪΝ	DNA	Exhaust dampers	Y	□n □na
	Pumps	₽y	Пи	$\square$ NA	Diverter valves	¥Ý	□n □na
	Solvent tanks and containers	ŪΥ	ПΝ	$\square$ NA	Cartridge Filter housing	Qγ	□n □na
	Water separators	QY.	$\square_N$	□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.						
	b. Calibrated against a standard gas prior to and after each use(PID/FID only).						
	c. Inspected for leaks and obvious signs of wear on a weekly basis?						
	d. Kept in a clean and secure area when not in use.						
	e. Verified for accuracy by use of duplicate samples (calorimetric only)?						
	Margaret U. Henris Inspector's Name (Please Print)  Margaret U. Henris  Date of Inspection  5/2000  Inspector's Signature  Approximate Date of Next Inspection						

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### **DDITIONAL SITE INFORMATION:**

Facility was not maintaining 12 manth consec. totals from February - May 27 1999. Had calendar partially tache. This allowed reclaimed perc to go to solvent to A allows ropora out wat clamped down. Owner it was installed in this manner. Machine is almost outside of building blaves in Secondary contamment. equipment & drows ontoide - not corred Mr. Berry fixed hose by cutting piece of existing hose off + reattach Odors decreased Styrifi Courtly He sous he has a detector la mediately Decause of Sun Schede

### ARIS PORTION MUST BE ATTACHED TO A.

### ANCE FOR PROPER HANDLING

3003/2

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

O

CLEARWATER FL 34623

FOR GOVERNMENT USE ONLY

Org.: 37550101000 EO: B1

Fund: 20-2-035001

Obj.: 002273



389138

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

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TOTAL AMOUNT DUE: \$50.00

TRemove Label

AIRS ID # 1030294

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

BOR GOVERNMENT USE ONLY

Org.: 37550401000 EO: B1 Fund: 20 2-035001

Obj.: 002273

### Ac

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

FACILITY NAME: North Hereules Cleaners  FACILITY LOCATION: 2180 N. Hereules Auc.	DATE: 2/4/00
FACILITY LOCATION: 2180 N. Hereules Aut.	
Clear water FL 33767	·
Annual Reporting Period: May 27 1999 TO Debruary	لا 20 <u>0</u> 0
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.	s $\square$ NO
If NO, complete the following:	
#1. Term or condition of the general permit that has not been in continuous compliance during the reporting	ng period stated above:
Exact period of non-compliance: fromto	
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 reporti	ng period stated above:
Exact period of non-compliance: fromto	
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 inqui in this notification are true, accurate and complete. Further, my annual consumption of perchloroethylend purchase receipts, does not exceed 2,100 gallons per year for dry-to dry facilities or 1,800 gallons per year combination facilities.	e solvent, based upon
RESPONSIBLE OFFICIAL: ALBERT D. BERRY Albert D. Revey 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.

Page \_\_\_\_\_ of \_\_\_\_\_.

MAR 1 3 2000

# TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF IN	SPECTION:	ANNUAL	U COMPLAIN	T/DISCOVERY L	<u> RE-</u>	INSPECTION	<u> </u>
AIRS ID#:	<b>103</b> 0294	DATE	: 2/4/00	_ TIME IN: _/0.	:30 <b>TI</b>	ME OUT: _//:	00
FACILITY	NAME:	<u>North He</u>	rcules Cleanei	<b>S</b>	<u> </u>		<u> </u>
FACILITY	LOCATION:	_2180 N Herc	ules Ave.				
		Clearwater, I	FL, 33763				
RESPONSIB	LE OFFICIAL	: <u>Albert Ber</u>	ry	Ph	one No.:	727-734	-4448
	Permit No.		<u></u>	Exp. Date:			
		_	-	evaluated during this in this in this in the contractive Code (F.A.)	-	the facility is found	to be in
	Based on the results of the compliance requirements evaluated during this inspection, the following compliance					oliance	

### **Inspection Summary Report Guidance**

	· -
Compliance Requirement/Problem	Follow-up Action Required
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
Purchase receipts were not maintained properly.	Maintain all purchase receipts in a log kept on-site for determination of perchloroethylene solvent consumption.
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.
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.
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).
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.
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						
The state of the s	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.						
	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						
	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.						
	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.						
	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.						
	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.						
	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.						
	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.						
		·						
	Comments: Machine door was susted to but not fastened. Be sur to fasten door when finished unloading/loady							
	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: Margare L. J. Margare L. J.	Hennis						
	Inspector's Signature: Margare L. 4	Jennies						
	Phone Number: 464-4	422						

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

TYPE OF INSPECTION:	ANNUAL RE-INSPECTION	COMPLAINT/DISCOVERY   COMPLAINT/DISCOVERY
AIRS ID#: 1030294  FACILITY NAME:  FACILITY LOCATION:	Date: 244/2 North Hercule 2180 N Hercules Clearwater, FL, 3	Ave.
RESPONSIBLE OFFICIA	L: Albert Berry	PHONE: 727-734-4445
CONTACT:	Albert Berry	PHONE:
PART I: NOTIFICATION		
<ol> <li>(Check appropriate box)</li> <li>Existing facility notified</li> <li>New facility notified DA</li> <li>Facility failed to notify D</li> </ol>	RM 30 days prior to star	<u></u>
PART II: CLASSIFICATI	ON	
☐ facility exceeds a	source 0 gal/yr gal/yr /yr /yr /2/9/91) source x<2,100 gal/yr 1,800 gal/yr 800 gal/yr 2/9/91) sification:	umber above igible for a general permit
facility was 260	• • •	archased within the preceding 12 months by this dry cleaning

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	ŪΝ	□NA				
2. Examining the containers for leakage?	TY	ΠN	□ NA				
3. Closing and securing machine doors except during loading/unloading?	☐ Y	DN					
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	GY.	Й	□NA				
5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	Y	□N	<b>U</b> -NA				
PART IV: PROCESS VENT CONTROLS							
In Part II-A:							
If classification (1) has been checked, no controls are required. Proceed to Pa	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 sou (check appropriate boxes)	rces:						
1. Equipped all machines with the appropriate vent controls?	<b>□</b> ry	ПN					
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	Q <sub>Y</sub>	ΩN	□ NA				
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	Q Y	ΠN	□NA				
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis?	<b>Y</b>	ΠN					
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	<u> </u> Y	ΠN	□NA				
6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	¥Ý	ΠN					

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?	QY On
<ol> <li>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?     </li> </ol>	Oy On Ona Oy On Ona
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?  Is the perc concentration equal to or less than 100 ppm?	Oy On Ona Oy On Ona
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 dust diameters upstream from any bend contraction, or expansion; and downstream from no other inlet?	Oy On Ona
5. Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	OY ON ONA
6. Routed airflow to the carbon adsorber (if used) at all times?	DY UN DNA
6. Routed airflow to the carbon adsorber (if used) at all times?  PART V: RECORDKEEPING REQUIREMENTS	DY UN QNA
	OY UN QNA
PART V: RECORDKEEPING REQUIREMENTS	OY ON QNA
PART V: RECORDKEEPING REQUIREMENTS  Has the responsible official: (check appropriate boxes)	OY On
PART V: RECORDKEEPING REQUIREMENTS  Has the responsible official: (check appropriate boxes)  1. Maintained receipts for perc purchased?	
PART V: RECORDKEEPING REQUIREMENTS  Has the responsible official: (check appropriate boxes)  1. Maintained receipts for perc purchased?  2. Maintained rolling monthly averages of perc consumption?	OY On
PART V: RECORDKEEPING REQUIREMENTS  Has the responsible official: (check appropriate boxes)  1. Maintained receipts for perc purchased?  2. Maintained rolling monthly averages of perc consumption?  3. Maintained leak detection inspection and repair reports for the following:	Ory On
PART V: RECORDKEEPING REQUIREMENTS  Has the responsible official: (check appropriate boxes)  1. Maintained receipts for perc purchased?  2. Maintained rolling monthly averages of perc consumption?  3. Maintained leak detection inspection and repair reports for the following:  a. documentation of leaks repaired w/in 24 hrs? or;	OY ON OY ON ONA
PART V: RECORDKEEPING REQUIREMENTS  Has the responsible official: (check appropriate boxes)  1. Maintained receipts for perc purchased?  2. Maintained rolling monthly averages of perc consumption?  3. Maintained leak detection inspection and repair reports for the following:  a. documentation of leaks repaired w/in 24 hrs? or;  b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?	OY ON OY ON ONA OY ON ONA
PART V: RECORDKEEPING REQUIREMENTS  Has the responsible official: (check appropriate boxes)  1. Maintained receipts for perc purchased?  2. Maintained rolling monthly averages of perc consumption?  3. Maintained leak detection inspection and repair reports for the following:  a. documentation of leaks repaired w/in 24 hrs? or;  b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?  4. Maintained calibration data? (for direct reading instrument only)	OY ON OY ON ONA OY ON ONA OY ON ONA
PART V: RECORDKEEPING REQUIREMENTS  Has the responsible official: (check appropriate boxes)  1. Maintained receipts for perc purchased?  2. Maintained rolling monthly averages of perc consumption?  3. Maintained leak detection inspection and repair reports for the following:  a. documentation of leaks repaired w/in 24 hrs? or;  b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?  4. Maintained calibration data? (for direct reading instrument only)  5. Maintained exhaust duct monitoring data on perc concentrations?	OY ON OY ON ONA OY ON ONA OY ON ONA OY ON ONA
PART V: RECORDKEEPING REQUIREMENTS  Has the responsible official: (check appropriate boxes)  1. Maintained receipts for perc purchased?  2. Maintained rolling monthly averages of perc consumption?  3. Maintained leak detection inspection and repair reports for the following:  a. documentation of leaks repaired w/in 24 hrs? or;  b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?  4. Maintained calibration data? (for direct reading instrument only)  5. Maintained exhaust duct monitoring data on perc concentrations?  6. Maintained startup/shutdown/malfunction plan?	OY ON OY ON ONA

•

PA	RT VI: LEAK DETECTIO	N ANI	D REP	PAIRS		<u> </u>		
1.	Does the responsible official c inspection?	onduct	a wee	kly (for si	mall sources, bi-weekly) leak	detecti	ion and repair	
2.	Has the facility maintained a le	eak log	;? -			<b>Y</b> Y	ΠN	
3.	Does the responsible official c	as for leaks:						
	Hose connections, fitting couplings, and valves	ΘÝ	ΠN	□NA	Muck cookers	<b>BY</b>	□n □na	
	Door gaskets and seating	ΘÝ	$\square_N$	□NA	Stills	<b>□</b> Y	□n □na	
	Filter gaskets and seating	Y	□N	□NA	Exhaust dampers	Эγ	□n □na	
	Pumps	₫Y	□N	$\square$ NA	Diverter valves	QÝ	□n □na	
	Solvent tanks and containers	TY	Пν	□NA	Cartridge Filter housing	₽Y	□n □na	
	Water separators	ŪΥ	ΠN	$\square$ 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 instru	ument	ation,	is the equ	ipment:			
	a Capable of detecting pe	rc vap	or con	centration	s in a range of 0-500 ppm.		□Y □N	
	b. Calibrated against a star	ıdard g	as prio	or to and a	fter each use(PID/FID only).		□Y □N	
	c. Inspected for leaks and	obviou	s signs	of wear o	on a weekly basis?		□Y □N	
	d. Kept in a clean and sec	ure are	a wher	n not in us	se.		□y □n	
	e. Verified for accuracy by	use of	f duplic	cate samp	les (calorimetric only)?		$\square_{Y}$ $\square_{N}$	
	Mayavet Henris Inspector's Name (Please Print)  Magaret Office  3/0/							

### ADDITIONAL SITE INFORMATION:

Smite last impution
Owner had worked on madine - new parts at duct to
Carbon adsorber, which is noted whom door is opened. Observed
operator removing load taken I arrived. Several minutes
luter, when Ilooked at machine I moticed cloor was
fushed to, but not latched howevery vant system to
the carbon adsorber was on, creating air flow into
dem and not out. Dent is on whenever door is open.
Do what down (hills) of more of the then come
At what drums (filled) observed on site. Her Some
old empty arms by plant. advased owen + owner's
Son Dennes about need to keep don closed when
not loading or unloading. Doted son spoke minediately
with employee about ope door. MOH

# DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

DACH KONANA SE	Namel Ham 1 Cl		D.	11/22/00
FACILITY NAME:	North Hercules Clean	ers	Date:	11/22/00
FACILITY LOCATION:	2180 N Hercules Ave.		P	
	Clearwater, FL, 33763	· .	C	
		· Sures		,
Annual Reporting Period:	February 4,	20 00 To 18	lowember.	22, 20 <u>00</u>
Based on each term or condition 213.300, Florida Administrative	of the Title V general air permi	t, my facility has remai	ned in compliance	with DEP Rule 62-
IF NO, complete the following	g:			
#1. Term or condition of the ger	neral permit that has not been in	•	•	,
Exact period of non-compliance:				
Action(s) taken to achieve comp	liance:			
Method used to demonstrate con	npliance:			
#2. Term or condition of the ge		continuous complianc	<b>-</b>	ing period stated above:
Exact period of non-compliance:		<u>-                                    </u>		
Action(s) taken to achieve comp	liance:			
Method used to demonstrate con	npliance:			
As the responsible official, that the statements made in of perchloroethylene solver per year for dry-to-dry facilities.	this notification are true, a	accurate and compl	ete. Further, my	y annual consumption exceed 2,100 gallons illities.
RESPONSIBLE OFFICIAL	L: Albert Berry (Name, Please Print)	_ Den	us ABery	//- 22 - 00 Date
	(14ame, 1 lease 1 mit)	Signed For	albert Be	7// <b>Y</b>

<sup>\*</sup>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 IN	SPECTION:	ANNUAL	☑ COM	IPLAINT/DISC	OVERY 🖵	RE-INSPECTION	ON 🔲	
AIRS ID#:	1030294	. DATI	E: <u>11/22</u>	/00TIM	E IN: 10:00	م. ماتاME OUT:	10: 32ain	
FACILITY	NAME:	North 1	Hercul	es Cleaner	<u>'S</u>	•		
FACILITY	LOCATION:	2180 N Her	cules Ave.					
Clearwater, FL, 33763								
RESPONSIBLE OFFICIAL: Albert Berry Phone No.: (727) 734-4445								
	Permit No.	1030294-00	)1-AG	Exp.	Date: 8/6/200	1		
ď			•	rements evaluated rida Administrativ		ection, the facility is	ound to be in	
	Based on the res		-		during this inspe	ection, the following	compliance	
		Incn	ection Sur	nmary Renor	t Guidance			

Compliance Requirement/Problem	Follow-up Action Required
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
Purchase receipts were not maintained properly.	Maintain all purchase receipts in a log kept on-site for determination of perchloroethylene solvent consumption.
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.
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.
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).
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.
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					
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.					
 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					
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.					
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.					
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.					
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.					
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.					
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.					
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:	Morris					
Inspector's Signature:	of Man					
Phone Number:	422 ge 2 of 2					

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

TYPE OF INSPECTION:	ANNUAL RE-INSPECTION		COMPLAINT/I	DISCOVERY 🗓		
AIRS ID#:_1030294		/22/00		:ത <sub>മത</sub> TIME OUT	: <u>10:32</u>	<u>∙₽*√</u> ₽,
FACILITY NAME:	North He	ercules	<u>Cleaners</u>	<del></del>		
FACILITY LOCATION:	2180 N Hercu	les Ave.				
	Clearwater, Fl	L, 33763				
RESPONSIBLE OFFICIAL	L: Albert Berry			<b>PHONE</b> : (727) 7	34-4445	
CONTACT:	Albert Berry			<b>PHONE</b> : (727) 7	<u>'34-4445</u>	
PART I: NOTIFICATION	·					
(Check appropriate box)						
1. Existing facility notified I	OARM By 9/1/96					র
2. New facility notified DAF	RM 30 days prior to	startup			I	
3. Facility failed to notify Da	ARM to use general	permit			. [	
		_				
PART II: CLASSIFICATION						
Facility indicated on notifica (Check appropriate box)	tion form that it is:	Ţ	No notification Drop store / ou	n form ut of business / petro	leum	
A.  1. Existing small area so dry-to-dry only, x<140 transfer only, x<200 gooth types, x<140 gala (Constructed before 1)	ource ) gal/yr al/yr /yr /2/9/91)	2	2. New small ar dry-to-dry only transfer only, both types, x < (Constructed of	ea source y, x<140 gal/yr x<200 gal/yr 140 gal/yr on or after 12/9/91)		
3. Existing large area so dry-to-dry only, 140 transfer only, 200 both types, 140 (Constructed before 1)	ource (42,100 gal/yr 1,800 gal/yr 300 gal/yr 2/9/91)	4	dry-to-dry only transfer only, 2 both types, 14 (Constructed of	ea source y, 140 <x<2,100 <br="" gal="">200<x<1,800 gal="" yr<br="">0<x<1,800 gal="" yr<br="">on or after 12/9/91)</x<1,800></x<1,800></x<2,100>	yr :	
This is a correct facility class	sification:		Can not determine	<b>.</b>		
If no, please check the ap  facility qualified for  facility exceeds ab	or a general permit a	ıs number _				
B. The total quantity of perconfacility was223	• -	) purchased	within the preced	ling 12 months by th	nis dry clean	ning

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?	<b>I</b> Y	ΠN	☐ NA					
2. Examining the containers for leakage?	$\mathbf{Y}$	□N	□NA					
3. Closing and securing machine doors except during loading/unloading?	<b>T</b> Y	ΠN						
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	ď <sub>Y</sub>	□N	□ NA					
5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	QΥ	ΠN	⊠ NA					
PART IV: PROCESS VENT CONTROLS								
In Part II-A:								
If classification (1) has been checked, no controls are required. Proceed to Pa	rt V.							
If classification (2) has been checked, the machine should be equipped with a (complete A below)	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 e condenser or a carbon adsorber (complete A and B below). Carbon adsorber installed prior to September 22, 1993.			ed					
If classification (4) has been checked, the machine should be equipped with a (complete A and B below.)	refrige	rated con	idenser					
A. Has the responsible official of all new sources and existing large area sou (check appropriate boxes)	rces:		•					
1. Equipped all machines with the appropriate vent controls?	⊈Y	ΩN						
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	<b>☑</b> Y	□N	□NA					
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	<b>⊈</b> Y	ΠN	□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?	<b>□</b> 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						

PA	RT VI: LEAK DETECTIO	N ANI	D REF	PAIRS			
1.	Does the responsible official of inspection?	onduct	awee	kly)(for	small sources, bi-weekly) leal		ion and repair □N
2.	Has the facility maintained a l	eak log	;?			$\mathbf{\Box}_{\mathbf{Y}}$	$\square_{N}$
3.	Does the responsible official of	heck tl	ne follo	owing ar	eas for leaks:		
	Hose connections, fitting couplings, and valves	₫Y	□N	□NA	Muck cookers	⊒Y	□n □na
	Door gaskets and seating	$\mathbf{A}^{\mathbf{Y}}$	ΠN	□NA	Stills	Y	□n □na
	Filter gaskets and seating	ΞY	ΠN	□NA	Exhaust dampers	<b>⊡</b> Y	□n □na
	Pumps	<b>I</b> Y	ΠN	□NA	Diverter valves	Y	□n □na
	Solvent tanks and containers	$ \underline{\varphi}_{Y} $	$\square_{N}$	□NA	Cartridge Filter housing	Y	□n □na
,	Water separators	$\square Y$	□N	□NA	*		
4.	Physical detection Odor (noticeable p	n (cond (airflowerc odd ng inst	densed w felt ( or) rumen	solvent through tation (F	of exterior surfaces) gaskets) TD/PID/calorimetric tubes)	·	g 0 0
	a Capable of detecting pe	erc vap	or cond	centratio	ns in a range of 0-500 ppm.		OY ON
	b. Calibrated against a star	ıdard ga	as prio	r to and a	ofter each use(PID/FID only).		$\square_{Y} \square_{N}$
	c. Inspected for leaks and o	obvious	signs	orwear o	on a weekly basis?		Qy QN
	d. Kept in a clean and sec	ure are	a wher	not in u	ise.		□y □n
	e. Verified for accuracy by	use of	duplic	ate samp	les (calorimetric only)?		□Y □N
	Inspector's Name (Please Pri	om)	~	_	$\frac{1/22}{\text{Date of Inj}}$ $\frac{5/22}{\text{Approximate Date}}$	Spection  O  of Nex	t 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? Is the temperature differential equal to or greater than 20°F?	OY ON ONA
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?  Is the perc concentration equal to or less than 100 ppm?	□y □n □na □y □n □na
4. Assured that the sampling port on the carbon adsorber exhaust for measuring perc. concentrations is at least 8 duet diameters downstream of any bend, contraction, or expansion; is at least 2 dust 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 Øna
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 Øna
4. Maintained calibration data? (for direct reading instrument only)	□y □n ™na
5. Maintained exhaust duct monitoring data on perc concentrations?	□y □n Øna
6. Maintained startup/shutdown/malfunction plan?	⊠Y □N
7. Maintained deviation reports?	□y □n Øna
Problem corrected?	OY ON ONA

257957

### THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING

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 Оъј.: 002273



### 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.

### TOTAL AMOUNTOUE: \$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 GOVERNMEN EUSE ONLY
Org.: 37550101000 EO: \$1
Fund: 20-2-035001 Our Composition of the composition of th

seasbha aiutei adt to thair adt Fold at line over top of envelope to SENDER: COMPLETE THIS SECTION TOOMIT SECTION ON DELIVERY Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. A. Received by (Please Print Clearly) Print your name and address on the reverse C. Signature so that we can return the card to you. ☐ Agent Attach this card to the back of the mailpiece, ☐ Addressee or on the front if space permits. Article Addressed to: If YES, enter delivery address below: AIRS ID # 1030294001AG ALBERT D BERRY NORTH HERCULES DRY CLEANERS 3. Service Type 2180 N HERCULES AVE Certified Mail ☐ Express Mail **CLEARWATER FL 34623** ☐ Return Receipt for Merchandise Registered ☐ Insured Mail ☐ C.O.D. 2210662985 4. Restricted Delivery? (Extra Fee) ☐ Yes 2. Article Number (Copy from service label) 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

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



### 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** 

Do NOT Remove Label

AIRS ID # 1030294

NORTH HERCULES DRY CLEANERS ALBERT D BERRY 2180 N HERCULES AVE

CLEARWATER FL 34623

MAIL ROOM

FOR GOVERNMENT USE ONLY COrg.: 37550101000 EO: A1

Fund: 20-2-035001 Obj.: 002273

Obj.: 002