

Department of Environmental Protection

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

Virginia B. Wetherell Secretary

June 25, 1997

Mr. Gerald R. Spire, President Our Cleaners 7500 10th Avenue North St. Petersburg, Florida 33713

Re: Facility No.: 1030382

Dear Mr. Spire:

The Department has received the Title V General Permit Notification Form for the dry cleaning facility that you submitted on May 6, 1997.

Please note that in January 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 is 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, Florida 32399-2400

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

Sincerely,

Dotty Diltz, Chief

Bureau of Air Monitoring and Mobile Sources

DD/jw

cc: Mr. Gary Robbins, Pinellas County

Perchloroethylene Dry Cleaning Facility Notification

Facility Name and Location

٠.	racinty Owner/Company Name (Nam	ne of corporation	i, agency, or indi	ividual owners	ireau of Waste Clean
	OUT Cleaner	s IN	C.		
2.	Site Name (For example, plant name of	or number):			MAY 05 1997
	Our Cleaner				Hazardous Waste Cleanup Section
3.	Hazardous Waste Generator Identifica	tion Number:		7.7	
	111-0056				
4.	Facility Location: 3/63 Street Address:				_
	City: ST. PETZ	County: Pik	vellas	Zip Code:	337/3
	Facility Identification Number (DEP L	Jse): : : :			ð.
·			10	303	2 4
		Responsible	Official		
		Kesponsible	Official		
5.	Name and Title of Responsible Officia	al:			
	Gerold R. Sp	oire	Presid	dent	
7.3)	Responsible Official Mailing Address:	<u> </u>	·		
	Organization/Firm Street Address: 75 00 10	The W			
			412	. 7in	Code: 337/3
	City: St. Pete	County.	e in Ellas	. Zip	Code. 3 3 77 3
3.	Responsible Official Telephone Numb	per:			
	Telephone: (\$13) 323 - 48	03	Fax: () -	
	F - 224 - C - 4 -	4 (TC 1156	70	- C.CC -! - IV	
	Facility Contac	t (11 dillerent 1)	rom Responsible	e Official)	
).	Name and Title of Facility Contact (Fo	or example, plan	t manager):		
0.	Facility Contact Address:				
	Street Address:				
	Street Address: City:	County:		Zip Code:	
	City:	County:		Zip Code:	
		County:	Fax: (

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MAY 6 1997

MAY 06 1997

DEP Form No. 62-213.900 of Air Monitoring 13 of 16 Effective: 6-25-96 & Mobile Sources

BUREAU OF AIR REGULATION

#1030382

	Our Cleaners
\$	spoke with Gerald Spire-5/30/97- opened Jan. I-no perc purchased
	7. add firm
P.14	1.(a) gdd date control device
	installed
P.15	1.(a) add date control device installed 2.(a) add "O" (if no perc purchased) 5.(d) not required, mark out "X" and initial
	and initial 5.4) required
P.16 -	-choose one
·	

200

7,1.15

The St.

Facility Information

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.

Type of Machine	ID	Date Machine Initially Purchased	Date Control Device Installed	ID	Date Machine Initially Purchased	Date Control Device Installed	ID	Date Machine Initially Purchased	Date Control Device Installed
Example	#1	03-OCT-93	12-NOV-93	#2	08-DEC-91		#3	02-MAR-92	02-MAR-9
Dry-to-Dry Unit					•				
(1) w/ ref. condenser	#1	105-95	1						
(2) w/ carbon adsorber									
(3) w/ no controls									
Washer Unit					•				<u>.</u>
(4) w/ ref. condenser				İ	1				
(5) w/ carbon adsorber									
(6) w/ no controls									
Dryer Unit		in the second	•				٠.		
(7) w/ ref. condenser									
(8) w/ carbon adsorber									
(9) w/ no controls								-	
Reclaimer Unit							-		
(10) w/ ref. condenser									
(11) w/carbon adsorber									-
(12) w/ no controls									
(b) Control devices are (c) No control devices What was the total of the control of the control devices (b) If less than 12 mont Check why it is less	are requant	equired to be ity of perchlo ons ow many? [_	installed [_ proethylene (perc)	purchased in				
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.)	ew sn	nitions found nall area sour rge area sour	rce [X	3) of 	Part II?	

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

 What control technology is required on machines (Indicate with an "X".) 	pursuant to section (5) of P	art II of this notification form?
Existing large area source Carbon adsorber []	Refrigerated condenser	
New small area source Refrigerated condenser		
New large area source Refrigerated condenser []		
5. A facility which contains non-exempt emissions to Rule 62-213.300, F.A.C. Verify that all steam an exemption criteria or that no such units exist on-site	d hot water generating units	
All steam and hot water generating units on-site (1) boiler HP or less), and (2) are fired exclusively by n during which propane or fuel oil containing no more	atural gas except for period	ds of natural gas curtailment
All steam and hot water generating units exempt No such units on-site		
	•	
•		
Equipment Monitoring	and Recordkeeping Inform	nation
Check all logs which are required to be kept on-site	in accordance with the requ	irements of this general permit:
(a) Purchase receipts and solvent purchases		[X]
(b) Leak detection inspection and repair		[X]
(c) Refrigerated condenser temperature monitoring		$\left[\mathbf{X} \right]$
(d) Carbon adsorber exhaust perc concentration mor	nitoring	
(e) Instrument calibration		
(f) Start-up, shutdown, malfunction plan		

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

Surrender of Existing Air Permit(s)

	I hereby surrender all existing air permits authorizing operation of the facility indicated in this notification form; specifically, permit number(s)
	No air permits currently exist for the operation of the facility indicated in this notification form.
	Responsible Official Certification
this notif statemen maintain	dersigned, am the responsible official, as defined in Part II of this form, of the facility addressed is ication. I hereby certify, based on information and belief formed after reasonable inquiry, that the second is 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.
this notif statemen maintain comply v	ication. I hereby certify, based on information and belief formed after reasonable inquiry, that to 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
this notif statemen maintain comply v	ication. I hereby certify, based on information and belief formed after reasonable inquiry, that the stander 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.

DRY CLEANER AIR QUALITY GENERAL PERMIT Bureau of Air Monitoring & Mobile Sources ANNUAL COMPLIANCE CERTIFICATION FORM

AIRS ID 1030382 OUR CLEANERS INC GERALD R SPIRE 7500 10TH AVENUE ST PETERSBURG FL 33713

Do NOT Remove Label

Annual Reporting Period:	<i>!~ ' </i>	_19 97 TO _	12-31-	19 92
Based on each term or condition of the Title 62-213.300, Florida Administrative Code (F	-	•	-	DEP Rule
If NO, complete the following:				
#1. Term or condition of the general permit	that has not been in co	ontinuous complianc	ee during the reporting p	period stated above:
Exact period of non-compliance: from		t	0	
Action(s) taken to achieve compliance:				
Method used to demonstrate compliance:				
#2. Term or condition of the general permit	that has not been in co	ontinuous complianc	e during the reporting p	eriod 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, bass notification are true, accurate and complete. F does not exceed 2,100 gallons per year for dry-t	urther, my annual consi	imption of perchloroe	ethylene solvent, based up	on purchase receipts,
RESPONSIBLE OFFICIAL: Jerry	ne (Pléase Print)	_ sh	Signaturé	2-23-98 Date

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

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

	<u></u>		· ·	
FACILITY NAME:	Our Clea	aners		DATE: 11/7/97
FACILITY LOCATION: _	3163 St	h Ave N		/ / /
	St Peter	Sburg, FL	38713	
Annual Reporting Period:	November 7	1996 то	Novemb	per 7, 1997
Based on each term or condition 62-213.300, Florida Administration				
If NO, complete the following	;;			
#1. Term or condition of the	general permit that has no	t been in continuous comp	bliance during the reporti	ing period stated above:
Monthly pu a 12 month Exact period of non-complian	rchase rec n rolling ave ce: from Nover	ords were erage where	not main	ber 7, 1997
Action(s) taken to achieve con Method used to demonstrate c				ocedure that ses as a 12
#2. Term or condition of the p	general permit that has no	t been in continuous comp	liance during the reporti	ng period stated above:
Could not co to measure Exact period of non-compliance	infirm that 45°F with ce: from No	t temperat an accuracy vember 7, 1996	ture senso y of ±2°F to Novem	r was designed ber 7, 1997
Action(s) taken to achieve con i Method used to demonstrate con j	ompliance: Obtain that ompliance:	n verification the temperature 45°F	on from the ature sensor with an ac	e manufacture is designed curacy of 1±2°F
As the responsible official, I h made in this notification are to upon rolling averages of purch year for transfer or combination	rue, accurate and complete hase receipts, does not exc	e. Further, my annual coi	nsumption of perchloroes	thylene solvent, based
RESPONSIBLE OFFICIAL:		pir gr	el p.lon	11-7-72
	Name (Please P	nnt)	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 ...

DEC 5 1997

AIRS 10#: 1630382

Revised 10/10/9

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

FACILITY NAME:	Durc	leaner	-s		DATE: 7/24/98
FACILITY LOCATION:	3163	5th	Ave N	J	
				FL 337	
Annual Reporting Period:	anuary	_6,1	98 TO _	July ?	1998
Based on each term or condition of 62-213.300, Florida Administrative					
If NO, complete the following:					
#1. Term or condition of the genera	l permit that has	not been in conti	nuous compliance	during the reporti	ng period stated above:
Exact period of non-compliance: fro	om		to	- A/	<u>``</u>
Action(s) taken to achieve complian	ce:			94, 100	
Method used to demonstrate complia	ance:			Mor Air	1 10 CO
#2. Term or condition of the genera	l permit that has	not been in conti	nuous compliance	during the reporti	ng period stated above:
Exact period of non-compliance: fro	om		to_		
Action(s) taken to achieve complian	ce:				
Method used to demonstrate complia	ance:		•		
As the responsible official, I hereby made in this notification are true, as upon rolling averages of purchase reyear for transfer or combination fac	ecurate and comp eceipts, does not d ilities.	lete. Further, my exceed 2,100 gal	oannual consump ons per year for t	tion of perchloroet	thylene solvent, based
RESPONSIBLE OFFICIAL:(.	Name (Please	e Print)	JUIL	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.

TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

7	TYPE OF INSPECTION: ANNUAL 🚨 COME	PLAINT/DISCOVERY 🗀 RE-INSPECTION 🖸		
	AIRS ID#: 1030382 DATE: 1/6/9 FACILITY NAME: Our Cleaners	8 TIME IN: 9:40am TIME OUT: 10:03am		
	FACILITY LOCATION: 3163 5th Ave. N	·		
	St. Petersburg, FL	<u>-</u>		
	RESPONSIBLE OFFICIAL: Mr. Gerald Spire	Phone No.: 325-4803		
	Permit No. 1930382-001-AG Exp. Date:	05/30/2002		
	compliance with DEP Rule 62-213.300, Flori	ements evaluated during this inspection, the facility is found to be in ida Administrative Code (F.A.C.). ements evaluated during this inspection, the following compliance		
	discrepancies were noted (only items which a	are checked):		
	Inspection Summ	mary 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, dev a SSM plan that describes procedures for maintaining and operatin equipment during periods of start-up and shutdown associated with malfunction. EPA's O&M manual may be used if no manufacture 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 $45^{\circ}F$ with an accuracy of $\pm 2^{\circ}F$, 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.

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 achieve compliance. Pinellas County will perform a follow-utaken.	s are required, you must take immediate corrective measures to up inspection to determine that proper corrective actions have been
The Annual Compliance Certification form has been properly	y certified and submitted to the inspector. Yes $oximes$ No $oxdot$
Inspection Conducted by:	Jeft Morris
Inspector's Signature:	1/6/98



1.120	٠ ٠٠٠	0	1.
V			

TYPE OF INSPECTION: ANNUAL RE-INSPEC	CTION D COMPLAINT/DISCOVERY	
AIRS ID#: 10382 001 DATE	: 1/6/98 TIME IN: 9:40 ATIME OUT: 10:05 a.m	۲,
FACILITY NAME: Our Clean	ners	
FACILITY LOCATION:3163 5th A	Ave. N	<u>.</u> .
_St. Petersl	burg, FL	
RESPONSIBLE OFFICIAL: <u>Ge</u>	cald Spice Phone No.: 325-4803	
Permit No1030382-001-AG	Exp. Date: 05/30/2000	
PART I: NOTIFICATION		
(Check appropriate box)	· ·	
1. Existing facility notified DARM by 9/1	1/96	
2. New facility notified DARM 30 days p	prior to startup	
3. Facility failed to notify DARM to use g	general permit	
PART II: CLASSIFICATION		
Facility indicated on notification form that (Check appropriate box)	nt it is: No notification form Drop store / out of business / petroleum	
A. 1. Existing small area source dry-to-dry only, x<140 gal/yr transfer only, x<200 gal/yr both types, x<140 gal/yr (Constructed before 12/9/91)	2. New small area source dry-to-dry only, x<140 gal/yr transfer only, x<200 gal/yr both types, x<140 gal/yr (Constructed before 12/9/91)	
3. Existing large area source dry-to-dry only, 140 < x < 2,100 gal/yr transfer only, 200 < x < 1,800 gal/yr both types, 140 < x < 1,800 gal/yr (Constructed before 12/9/91)	4. New large area source dry-to-dry only, 140 <x<2,100 (constructed="" 12="" 140<x<1,800="" 200<x<1,800="" 9="" 91)<="" before="" both="" gal="" only,="" td="" transfer="" types,="" yr=""><td></td></x<2,100>	
This is a correct facility classification:		
MY IN I Can not determine		
If no, please check the appropriate classif	fication:	
	permit as number above nd is not eligible for a general permit	
B. The total quantity of perchloroethylene	ne (perc) purchased within the preceding 12 months by this dry s.	
guilons,		

PART III: GENERAL CONTROL REQUIREMENTS		
Is the responsible official of the dry cleaning facility: (check appropriate boxes)	/ ·	,
1. Storing perchloroethylene in tightly sealed and impervious containers?	Y 🗆	N
2. Examining the containers for leakage?	⊠ y □1	N
3. Closing and securing machine doors except during loading/unloading?	Y 🗓	N
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	Y OI	N
5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	QY Q1	N ØNA
		
PART IV: PROCESS VENT CONTROLS		<u> </u>
In Part II-A:		
If classification (1) has been checked, no controls are required. Proceed to Pa	ırt V.	
If classification (2) has been checked, the machine should be equipped with a (complete A below)	refrigerated	condenser
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.	ither a refrig must have be	erated een
If classification (4) has been checked, the machine should be equipped with a (complete A and B below.)	refrigerated	condenser
A. Has the responsible official of all new sources and existing large area sou	rces:	
(check appropriate boxes)	Mach	Mach
1. Equipped all machines with the appropriate vent controls?		QΥQΝ
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	☑ Y □N	□Y □N
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	✓Y □N	□y □N
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly basis?	✓Y □N	□y □n
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45° F?	Y ON	□Y □N
6. Conducted all temperature monitoring after an appropriate cooldown period and after verifying the coolant had been completely charged?	OYON:	□Y□N

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?	☑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 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 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
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?	□y □n □na
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?	LIY LIN LINA
PA	ART V: RECORDKEEPING REQUIREMENTS	
	The companies and communities	
Н	as the responsible official: heck appropriate boxes)	,
H (c	as the responsible official:	ŊY ON
H (c.	as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased?	MY ON
H (c)	as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption?	MY ON
H (c) 1. 2.	as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption?	
H (c) 1. 2.	as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following:	MY ON
H (c 1. 2. 3.	as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following: a. documentation of leaks repaired w/in 24 hrs? or;	MY ON
H. (c. 1. 2. 3.	as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? 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?	MY ON
H. (cc. 1. 2. 3. 4. 5.	as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? 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? Maintained calibration data? (for direct reading instrument only)	
H. (cc. 1. 2. 3. 4. 5.	as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? 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? Maintained calibration data? (for direct reading instrument only) Maintained exhaust duct monitoring data on perc concentrations? Maintained deviation reports?	MY ON MY
H. (c. 1. 2. 3. 4. 5. 6.	as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? 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? Maintained calibration data? (for direct reading instrument only) Maintained exhaust duct monitoring data on perc concentrations? Maintained startup/shutdown/malfunction plan?	MY ON

 Does the responsible official conduct a weekly leak detection Which method of detection is used by the responsible official 		Y UN
2. Which method of detection is used by the responsible official	10	
·	11?	
Visual examination (condensed solvent of exterior	or surfaces)	☑
Physical detection (airflow felt through gaskets)		<u>u</u>
Odor (noticeable perc odor)		
Use of direct-reading instrumentation (FID/PID/o	calorimetric tubes)	
If using direct-reading instrumentation, is the equipment		
a Capable of detecting perc vapor concentrations in 0-500 ppm. b. Calibrated against a standard gas prior to and after (PID/FID only). c. Inspected for leaks and obvious signs of wear on a d. Kept in a clean and secure area when not in use. e. Verified for accuracy by use of duplicate samples (calorimetric only)? 3. Has the facility maintained a leak log? 4. The following area should be checked for leaks by the inspections, fitting	a range of r each use a weekly basis?	
couplings, and valves	Muck cookers	ØY □N
Door gaskets and seating \square Y \square N	Stills	⊠Y QN
Filter gaskets and seating	Exhaust dampers	☑Y □N
Pumps	Diverter valves	☑x □n
Solvent tanks and containers Y N	Cartridge Filter housing	Y UN
Water separators		
Name of Responsible Official Jeffrey Morris Inspector's Name (Please Print) Inspector's Signature	1/6/98 Date of Inspectio 1/6/99 Approximate Date of Next	n Inspection

IDDITIONIE	SITE INFORMATION.			
Machine #1: Manufacturer	Realstar	Capacity 30	lbs	
Model#	RS-373 Serial# 04-85-252	Mfg yr <u>1995</u>		
Machine #2: Manufacturer		Capacity	lbs	
Model#	Serial#	Mfg yr		
Was the facility Did the facility	ty assisted in filling out the notification by the integration of the integral			
Record keeping 1. Does facility (temperate	have statement/specs as to the design accuracy of ure of 45°F w/accuracy ±2°F, or 7.2°C w/accu	f the temperature sen racy of ±1.1°C)	sor? 🗹 Y	□N
If wastewater Does the facil	ste: ntaminated wastewater either treated or disposed is evaporated, is it an approved system, and using of lity have secondary containment for the dry-dry r lity have secondary containment for any perc. was	carbon filtration? machine?	ZIY ZIX ZIY ZIY	□n □n □n
	Hucst SLISO-188 Serial # 3172 Natural gas? propane? fuel oil?	Mfg yr <u>1987</u>	<u>)</u>	
Comments:	<u> </u>			
				_
II				

AIRS ID#	i	0	30	O S	< १	2
					_	

Revised 10/10/9

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

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 per	nit that has not been in co	ntinuous compliance	during the reporting	g period stated above:
		·.		
Exact period of non-compliance: from		to		
Andrew (Charles and Charles an				
Action(s) taken to achieve compliance:				
Method used to demonstrate compliance:				

^{*}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: AN	NUAL 🗹 COMPLAIN	MDISCOVERY 🚨	RE-INSPECTION	
AIRS ID#:	1030382 001	DATE: 1/14/99	TIME IN: 10:19	o TIME OUT: ∐`	<u>03a.m.</u>
		Our Cleaners	<u> </u>		
FACILITY	LOCATION:	3163 5th Ave. N			
		St. Petersburg, FL, 33717	3		
RESPONSI	IBLE OFFICIAL:	Gerald Spire	Phone ?	No.: 325-4803	_
Perm	it No. <u>1030382-001-A</u>	.G Exp. Date:			
<u> </u>		f the compliance requirements e Rule 62-213.300, Florida Adm	•	•	l to be in
		of the compliance requirements of oted (only items which are chec		ection, the following com	pliance

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 $45^{\circ}F$ with an accuracy of $\pm 2^{\circ}F$, 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:	
	nctions are required, you must take immediate corrective perform a follow-up inspection to determine that proper
Inspection Conducted by:deffrey Morkis	·
Inspector's Signature:	anno
Phone Number: 464-4427	

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

	NNUAL E-INSPECTION	COMPLAINT/DISCOVERY	•
AIRS ID#: <u>1030382 001</u> FACILITY NAME:	/ `/	/99 TIME IN: 10:19 m TIME OUT: 11:0	
FACILITY LOCATION: _	3163 5th Ave. N		
	St. Petersburg, FL	., 33713	
RESPONSIBLE OFFICIAL:	Gerald Spire	PHONE:325-4803	
CONTACT:		PHONE:	
PART I: NOTIFICATION			
(Check appropriate box)			
1. Existing facility notified DA	RM By 9/1/96		4
2. New facility notified DARN	1 30 days prior to start	tup	
3. Facility failed to notify DA	RM to use general per	mit	<u> </u>
PART II: CLASSIFICATION			
Facility indicated on notification (Check appropriate box)	on form that it is:	No notification form Drop store / out of business / petroleum	
A. 1. Existing small area soudry-to-dry only, x<140 gally transfer only, x<200 gall both types, x<140 gally (Constructed before 12).	arce Total gal/yr /yr 59/91)	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 soudry-to-dry only, 140 < x < transfer only, 200 < x < 1, both types, 140 < x < 1,80 (Constructed before 12/	rce	4. New large area source dry-to-dry only, 140 < x < 2,100 gal/yr transfer only, 200 < x < 1,800 gal/yr both types, 140 < x < 1,800 gal/yr (Constructed on or after 12/9/91)	
This is a correct facility classif	ication: 🗹 Y 🗀 î	N 🗖 Can not determine	
	a general permit as no	umber above gible for a general permit	
\ \hat{\chi}_{\chi} =	loroethylene (perc) pu allons.	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	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	ПN	□NA
5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	☐ Y	□N	☑ NA
PART IV: PROCESS VENT CONTROLS			
In Part II-A:			
If classification (1) has been checked, no controls are required. Proceed to Pa	rt V.		
If classification (2) has been checked, the machine should be equipped with a (complete A below)	refrige	rated con	denser
If classification (3) has been checked, the machine should be equipped with excondenser or a carbon adsorber (complete A and B below). Carbon adsorber installed prior to September 22, 1993.	ither a r must ha	refrigerate ive been	ed
If classification (4) has been checked, the machine should be equipped with a (complete A and B below.)	refrige	rated con	denser
A. Has the responsible official of all new sources and existing large area sour (check appropriate boxes)	rces:		
1. Equipped all machines with the appropriate vent controls?	☑ Y	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?	☑ Y	ПN	□NA
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly bi-weekly basis?	Y	ūΝ	
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	⊈ Y	ΠN	□NA
6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	$\mathbf{Z}_{\mathbf{Y}}$	□N	

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?	Y ON
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?	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?	□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
	Routed airflow to the carbon adsorber (if used) at all times? ART V: RECORDKEEPING REQUIREMENTS	OY ON ONA
PA		OY ON ONA
PA Ha (cl	ART V: RECORDKEEPING REQUIREMENTS	OY ON ONA
H: (cl	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes)	Y ON ONA
H: (cl 1. 2.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased?	Y ON ONA YY ON YY ON
H: (cl 1. 2.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption?	OY ON ONA VY ON VY ON OY ON MA
H: (cl 1. 2.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following:	Y ON Y ON OY ON MA
H: (cl 1. 2. 3.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following: a. documentation of leaks repaired w/in 24 hrs? or;	Y ON MA
H; (c) 1. 2. 3.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? 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?	Y ON Y ON OY ON MA
H; (c) 1. 2. 3.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? 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? Maintained calibration data? (for direct reading instrument only) Maintained exhaust duct monitoring data on perc concentrations?	OY ON ONA OY ON ONA OY ON ONA
Ha (cl 1. 2. 3.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? 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? Maintained calibration data? (for direct reading instrument only) Maintained exhaust duct monitoring data on perc concentrations?	Y ON Y ON MA OY ON MA OY ON MA
Ha (cl 1. 2. 3.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? 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? Maintained calibration data? (for direct reading instrument only) Maintained exhaust duct monitoring data on perc concentrations? Maintained startup/shutdown/malfunction plan?	Y ON Y ON MA OY ON MA OY ON MA OY ON MA

PA	ART VI: LEAK DETECTIO	N ANI	D REP	AIRS				
1.	Does the responsible official c inspection?	onduct	a wee	kly (for	sma	ıll sources, bi-weekly) leak		ion and repair
2.	Has the facility maintained a le	eak log	;?				ĭ¥Y	\square N
3.	Does the responsible official c	heck th	ne follo	owing ar	eas	for leaks:		
	Hose connections, fitting couplings, and valves	✓Y	ΠN	□NA		Muck cookers	ΩY	□n ɗna
	Door gaskets and seating	₽Y	\square_N	□NA		Stills	Ϋ́Υ	□n □na
	Filter gaskets and seating	□ Y	\square N	□NA		Exhaust dampers	$\mathbf{\mathbf{Y}}$	□n □na
	Pumps	Y	\square_N	□NA		Diverter valves	ĭ€Y	□n □na
	Solvent tanks and containers	ďΥ	ŪΝ	□NA	Sh	Cartridge Filter housing	ĭ¥Y	□n □na
	Water separators	$\mathbf{v}_{\mathbf{Y}}$	\square_N	□NA		7 1 4013		
4.	Which method of detection is Visual examination Physical detection Odor (noticeable p Use of direct-readi Halogen leak detect If using direct-reading instru	n (cond (airflo erc odd ng inst	lensed w felt (or) rumen	solvent through tation (F	of e gasl ID/	xterior surfaces) xets) PID/calorimetric tubes)		
	a Capable of detecting pe	erc vap	or con	centratio	ns i	n a range of 0-500 ppm.		OY ON
	b. Calibrated against a stan	dard g	as prio	r to and	fter	each use(PID4FHD only).		$\square_{\mathrm{Y}} \square_{\mathrm{N}}$
	c. Inspected for leaks and o	obvious	signs	of wear	n a	weekly basis?		$\square_{\mathrm{Y}} \square_{\mathrm{N}}$
	d. Kept in a clean and see	ure are	a when	not in t	ıse.			$\square_{Y} \square_{N}$
	e. Verified for accuracy by	use of	duplic	ate samp	les	(calorimetric only)?		□y □N
	Inspector's Name (Please Printing Inspector's Signature	ent)	S S			Date of Ins 7/14/ Approximate Date	99 spection 99 of Nex	at Inspection

	FACILITY DETAILS:			
FACILITY NAME:	Our Cleaners			,
Dry Cleaning Mach	ine #1:			
Manufacturer	Realstar	Capacity <u>30</u> lbs		
Model#	RS-373 Serial# 04-85-252	Mfg yr <u>1995</u>		
Dry Cleaning Mach	ine #2:			
Manufacturer		Capacity lbs		
	Serial#			
Boiler:				
	Hurst	Hp <u>30</u>		
	<u>SLISO-188</u> Serial # 3172.			
Fuel Type:	Natural gas? propane? fuel oil?			
1. Was the fac	mitted sources only): cility assisted in filling out the notification by the dity insist on filling out its own notification, and	-		□N N/A
	,,,,,,,,			. ,
	y have statement/specs as to the design accuracy are of 45°F w/accuracy ±2°F, or 7.2°C w/accu		✓Y	□N
Hazardous Waste:				
2. If wastewate3. Does the fa	contaminated wastewater either treated or disposer is evaporated, is it an approved system, and usin cility have secondary containment for the dry-dracility have secondary containment for any perc.	ng carbon filtration? y machine?	☑Y ☑Y ☑Y	□n n/a □n n/a □n □n
Comments:				
			<u></u>	
		_		
		·		
		-		

ADDITIONAL SIT	TE INFORMATION:	
Responsible lake a	ble official correctly identifical all heak pts while demogration perform leak sheek.	snu.
	· .	

TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF IN	SPECTION:	ANNUAL	☑ COMPLAINT	DISCOVERY 🖵	RE-INSPECTION	<u> </u>
AIRS ID#:	1030382 001	DATI	E: 7/24/98	TIME IN: 12:17	TIME OUT: (2)	32 pm.
FACILITY	NAME:	Our C	Cleaners			
FACILITY	LOCATION:	3163 5	5th Ave. N		^	
		St. Pet	ersburg, FL, 33713	Tool of		
RESPONSI	BLE OFFICIA	L: Gerald	Spire	O Phones	jo.: 325-4803	_
Permit	t No. <u>1030382-00</u>	1-AG	Exp. Date:	Ource doing		
M		•	•	aluated during this inspenistrative Code (F.A.C.).	ction, the facility is found	to be in
			pliance requirements ev		ection, the following comp	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
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:	
	actions are required, you must take immediate corrective perform a follow-up inspection to determine that proper
Inspection Conducted by:	
Inspector's Signature:	mis
Phone Number: 464-4422	age 2 of 2
110	

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

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TYPE OF INSPECTION: ANNUAL \square COMPLAIRE-INSPECTION \square	INT/DISCOVERY •
FACILITY NAME: Our Cleaners	N: 13:17 portime out: 12:32 p.m
RESPONSIBLE OFFICIAL: Gerald Spire	PHOM: 325-4803
contact: Gerald Spire	® Э́д
PART I: NOTIFICATION	
(Check appropriate box)	
1. Existing facility notified DARM By 9/1/96	
2. New facility notified DARM 30 days prior to startup	. •
3. Facility failed to notify DARM to use general permit	
PART II: CLASSIFICATION	
<u>, </u>	ication form re / out of business / petroleum
(Constructed before 12/9/91)	all area source ry only, x<140 gal/yr only, x<200 gal/yr es, x<140 gal/yr ucted on or after 12/9/91)
3. Existing large area source dry-to-dry only, 140 <x<2,100 (constructed="" 12="" 140<x<1,800="" 200<x<1,800="" 4.="" 9="" 91)="" 91)<="" before="" both="" dry-to-dry="" gal="" lary="" new="" of="" only,="" th="" the="" transfer="" type="" types,="" yr=""><td>ge area source \square ry only, $140 < x < 2,100$ gal/yr only, $240 < x < 1,800$ gal/yr only, $200 < x < 1,800$ gal/yr es, $140 < x < 1,800$ gal/yr acted on or after $12/9/91$)</td></x<2,100>	ge area source \square ry only, $140 < x < 2,100$ gal/yr only, $240 < x < 1,800$ gal/yr only, $200 < x < 1,800$ gal/yr es, $140 < x < 1,800$ gal/yr acted on or after $12/9/91$)
This is a correct facility classification: Y IN Can not dete	ermine
If no, please check the appropriate classification: facility qualified for a general permit as number facility exceeds above limits and is not eligible for a general	
B. The total quantity of perchloroethylene (perc) purchased within the facility was gallons.	preceding 12 months by this dry cleaning

PART III: GENERAL CONTROL REQUIREMENTS			
Is the responsible official of the dry cleaning facility: (check appropriate boxes)	``		
Storing perchloroethylene in tightly sealed and impervious containers?	Y	ПN	□ NA
2. Examining the containers for leakage?	Ŭ Y	ΠN	□ 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	ΩN	□ NA
5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	□ Y	ПN	NA
PART IV: PROCESS VENT CONTROLS			
In Part II-A:			
If classification (1) has been checked, no controls are required. Proceed to Pa	ırt V.		
If classification (2) has been checked, the machine should be equipped with a (complete A below)	refrige	rated con	denser
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.	ither a r must ha	refrigerate ave been	ed
If classification (4) has been checked, the machine should be equipped with a (complete A and B below.)	refrige	rated con	denser
A. Has the responsible official of all new sources and existing large area sou (check appropriate boxes)	/		
Equipped all machines with the appropriate vent controls?	Y	ΩN	
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?	✓ 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?	$\mathbf{Z}_{\mathbf{Y}}$	ПN	□NA
6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	☑ Y	□ N	

B. Has the responsible official of an existing large or new large area source also:	
1. Measured and recorded the exhaust temperature on the outlet side of the condenser located on dry-to-dry, reclaimer, and dryer machines on a weekly basis?	Øy On
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?	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?	□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?	MV DN
3. Maintained leak detection inspection and repair reports for the following:	
a. documentation of leaks repaired w/in 24 hrs? or;	MY ON ONA
b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?	OMY OM OMA
4. Maintained calibration data? (for direct reading instrument only)	OLY ON MA
5. Maintained exhaust duct monitoring data on perc concentrations?	DIY DIN MINA
6. Maintained startup/shutdown/malfunction plan?	ØY ON
7. Maintained deviation reports? (No problems since	DY DN DINA
7. Maintained deviation reports? (No problems since Problem corrected? 8. Maintained compliance plan, if applicable?	OY ON ONA
8. Maintained compliance plan, if applicable?	DY DN DNA

PA	ART VI: LEAK DETECTIO	N AND REI	PAIRS				
1.	Does the responsible official c inspection?	onduct a wee	kly (for sma	all sources bi-weekly) eak		ion and repair ☐N	
2.	Has the facility maintained a le	eak log?			1 Y	\square_{N}	
3.	Does the responsible official c	heck the follo	owing areas	for leaks:			
	Hose connections, fitting couplings, and valves	. ☑Y □N	□na	Muck cookers	OYY	□n □na	
	Door gaskets and seating	☑Y □N	□NA	Stills	ΞY	□n □na	
	Filter gaskets and seating		□NA	Exhaust dampers	ΔY	□n □na	
	Pumps	QY ON	□NA	Diverter valves	☑Y _/	□n □na	
	Solvent tanks and containers		□NA /	Cartridge Filter housing	☑Y	□n □na	
	Water separators		□NA				
4.	Which method of detection is Visual examination Physical detection Odor (noticeable p Use of direct-readi Halogen leak detect If using direct-reading instru	n (condensed (airflow felt perc odor) ang instrument etor	solvent of e through gash tation (FID/	exterior surfaces) kets) PID/calorimetric tubes)			
	a Capable of detecting pe	erc vapor con	centrations i	n a range of 0-500 ppm.		□y □N	
	b. Calibrated against a stan	idard gas prio	r to and after	each use(PID/FID only).		$\square_{Y} \square_{N}$	
	c. Inspected for leaks and o	obvious signs	of wear on a	weekly basis?		$\square_{Y} \square_{N}$	
	d. Kept in a clean and seco	ure area when	not in use.			$\square_{\mathrm{Y}} \square_{\mathrm{N}}$	
	e. Verified for accuracy by	use of duplic	ate samples	(calorimetric only)?		\square_{Y} \square_{N}	
	Inspector's Name (Please Print) Inspector's Signature	nt)		Pate of Ins 2/24/c Approxymate Date	98 pection 79 of Nex	t Inspection	

	FACILITY DETAILS:			
FACILITY NAME:	Our Cleane	rs		
Dry Cleaning Mach	ine #1:			
Manufacturer	Realstar	Capacity <u>30</u> lbs		
Model#	RS-373 Serial# 04-B5-252	Mfg yr <u>1995</u>		
Dry Cleaning Mach	nine #2:	•		
Manufacturer		Capacity lbs		
Model#	Serial#	Mfg yr		
Boiler:				
Manufacturer	- Hurst	Hp <u>30</u>		
Model #	5L150-188 Serial # 3172	Mfg yr <u>1987</u>		
Fuel Type:	Natural gas? ☑ propane? ☐ fuel oil?			
Notification (unper	mitted sources only):			
1. Was the fac	cility assisted in filling out the notification by the	inspector?	\square_{Y}	□NN/A
2. Did the faci	lity insist on filling out its own notification, and	will send it to FDEP?	ПY	DNNJA
Record keeping:			/	
	y have statement/specs as to the design accuracy are of 45°F w/accuracy ±2°F, or 7.2°C w/accuracy		Y	□N ÷
Hazardous Waste:			,	
1. Is all perc. o	contaminated wastewater either treated or dispose	ed of properly?	☑ Y	\square_{N}
	er is evaporated, is it an approved system, and usin		Э	□N N/A
	cility have secondary containment for the dry-dry		MY DAY	ŪN
4. Does the fac	cility have secondary containment for any perc. v	waste containers?	☑ Y	ŪN
Comments:				
Comments.				
		-		

PERCHLOROETHYLENE DRY CLEANERS

TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

	ANNUAL RE-INSPECTION	Ω 	COMPLAINT/DISCOVERY	
l _	LA Cleaner		n: <u>9:45a.a</u> time out: <u>((:</u>	15 a.m.
			1	
FACILITY LOCATION: 3	1163 5th	Ave 1	<u> </u>	
	St Petersh	urg	, FL	
RESPONSIBLE OFFICIAL:	Gerald S	pice	PHONE: 323-480	3
CONTACT NAME:	Gerald S	Pire	PHONE: 323-480	3
PART I: NOTIFICATION				
(check appropriate box)	70	1) 1		
 New facility notified DARM 3 		1/#	provided the second	
Facility failed to notify DARM	I to use general permit	7 '		
PART II: CLASSIFICATION				
Facility indicated on notification	n form that it is:		☐ No notification form	
(check appropriate box) A.			☐ Drop store/out of business/petro	oleum
1. Existing small area source		ew small a		
dry-to-dry only, x < 140 gal/yr	dry-t	o-dry only,	x < 140 gal/yr	
•	dry-t	o-dry only,	x < 140 gal/yr < 200 gal/yr	
dry-to-dry only, $x < 140$ gal/yr transfer only, $x < 200$ gal/yr	dry-t trans both	o-dry only, fer only, $x < 1$ types, $x < 1$	x < 140 gal/yr < 200 gal/yr	
dry-to-dry only, $x < 140$ gal/yr transfer only, $x < 200$ gal/yr both types, $x < 140$ gal/yr	dry-t trans both (cons 2	o-dry only, fer only, x - types, x < 1 structed on ew large as o-dry only, fer only, 20 types, 140	x < 140 gal/yr < 200 gal/yr 40 gal/yr	
dry-to-dry only, $x < 140$ gal/yr transfer only, $x < 200$ gal/yr both types, $x < 140$ gal/yr (constructed before $12/9/91$) 3. Existing large area source dry-to-dry only, $140 \le x \le 2,10$ transfer only, $200 \le x \le 1,800$ both types, $140 \le x \le 1,800$ gal	dry-t trans both (cons a 4. N 00 gal/yr dry-t gal/yr trans l/yr both (cons	o-dry only, fer only, x - types, x < 1 structed on ew large as o-dry only, fer only, 20 types, 140	x < 140 gal/yr < 200 gal/yr 40 gal/yr or after $12/9/91$) rea source \square $140 \le x \le 2,100 \text{ gal/yr}$ $0 \le x \le 1,800 \text{ gal/yr}$ $\le x \le 1,800 \text{ gal/yr}$	•
dry-to-dry only, $x < 140$ gal/yr transfer only, $x < 200$ gal/yr both types, $x < 140$ gal/yr (constructed before $12/9/91$) 3. Existing large area source dry-to-dry only, $140 \le x \le 2,10$ transfer only, $200 \le x \le 1,800$ both types, $140 \le x \le 1,800$ ga (constructed before $12/9/91$) 5. This is a correct facility class If no, please check the approximate $100 \le x \le 1$ gality	dry-terans both (constant dry-terans) 2	o-dry only, fer only, x - types, x < 1 structed on ew large and o-dry only, fer only, 20 types, 140 structed on extructed	$x < 140 \text{ gal/yr}$ $< 200 \text{ gal/yr}$ 40 gal/yr or after $12/9/91$) rea source $140 \le x \le 2,100 \text{ gal/yr}$ $0 \le x \le 1,800 \text{ gal/yr}$ $\le x \le 1,800 \text{ gal/yr}$ or after $12/9/91$) \square Can not determine mber above	

PART III: GENERAL CONTROL REQUIREMENTS Is the responsible official of the dry cleaning facility: (check appropriate boxes) ON ON/A 1. Storing perchloroethylene in tightly sealed and impervious containers? ON ON/A 2. Examining the containers for leakage? 3. Closing and securing machine doors except during loading/unloading? 4. Draining cartridge filters in their housing or in sealed containers for at MY ON ON/A least 24 hours prior to disposal? 5. Maintaining solvent-to-carbon ratios and steam pressure for carbon adsorber DY DN WN/A beds according to the manufacturer's specifications? PART IV: PROCESS VENT CONTROLS In Part II-A: If classification 1 has been checked, no controls are required. Proceed to Part V. If classification 2 has been checked, the machine should be equipped with a refrigerated condenser (complete A below). If classification 3 has been checked, the machine should be equipped with either a refrigerated condenser or a carbon adsorber (complete A and B below). Carbon adsorber must have been installed prior to September 22, 1993 If classification 4 has been checked, the machine should be equipped with a refrigerated condenser (complete A and B below). A. Has the responsible official of all new sources and existing large area sources: (check appropriate boxes) 1. Equipped all machines with the appropriate vent controls? MY DN DN/A 2. Equipped dry-to-dry machines with a closed-loop vapor venting system? 3. Equipped the condenser with a diverter valve so airflow will be directed away from the / Y DN DN/A condenser upon opening the door? 4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis? 5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F? 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:		
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?	DY ON	
2.	Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly?	ם אם אם	IN/A
	Is the temperature differential equal to or greater than 20° F?	DY DN C	IN/A
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?	OY ON C	IN/A
	Is the perc concentration equal to or less than 100 ppm?	ם א כ	IN/A
4.	Assured that the sampling port on the carbon adsorber exhaust for measuring perc concentrations is at least 8 duct diameters downstream of any bend, contraction,		
	or expansion; is at least 2 duct diameters upstream from any bend, contraction, or expansion; and downstream from no other inlet?	ם אם כ	N/A
5.	Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?		IN/A
	Control Cons.		.,,
6.	Routed airflow to the carbon adsorber (if used) at all times?	ם אָם צם	IN/A

PART V: RECORDKEEPING REQUIREMENTS								
Has the responsible official: (check appropriate boxes)								
1. Maintained receipts for perc purchased?	MA ON							
2. Maintained rolling monthly averages of perc consumption?	DY MA							
3. Maintained leak detection inspection and repair reports for the following:								
a. documentation of leaks repaired w/in 24 hrs? or;	MY AND N/A							
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 DIN ON/A							
4. Maintained calibration data? (for applicable direct reading instruments)	OY ON MIN'A							
5. Maintained exhaust duct monitoring data on perc concentrations?								
6. Maintained startup/shutdown/malfunction plan?								
7. Maintained deviation reports?	MY ON ON/A							
Problem corrected?	OY ON ON/A							
8. Maintained compliance plan, if applicable?	OY ON MIN/A							

PART VI: LEAK DETECTION AND REPAIRS									
1. Does the responsible official conduct a weekly (for small sources, bi-weekly) leak detection and repair									
	inspection?					⊠Y	□N		
2.	Has the facility maintained a leak log?	(Ye	5*, bi	rt did n Pecific	not record) points	ŒΥ	-WN Sm		
3.	Does the responsible official check the f	ollow	ing areas	for leaks?	,				
	Hose connections, fittings, couplings, and valves	ДY	מם אם	√A	Muck cookers	⊠ Y	□N □N/A		
	Door gaskets and seating	ØΥ	מם אם	N/A	Stills	DX.	ON ON/A		
	Filter gaskets and seating	ØΥ	ON O	√/A	Exhaust dampers	/	ON ON/A		
	Pumps	ΣZY	מם מם	N/A	Diverter valves	œKr	□N □N/A		
	Solvent tanks and containers	ЩΥ	מם אם	V/A	Cartridge filter housings	ΨY	□N □N/A		
	Water separators	ωY		J/A					
4.	Which method of detection is used by th	e resp	onsible o	fficial?		/			
	Visual examination (condensed so	lvent	on exterio	or surfaces)		Ø			
	Physical detection (airflow felt three		ø,						
	Odor (noticeable perc odor)				•	a			
	Use of direct-reading instrumentat	tubes)							
	Halogen leak detector								
	If using direct-reading instru	□N/	A						
	a. Capable of detecting p	a range of 0-500 ppm?	ΟY	DN					
	b. Calibrated against a st (PID/FID only)?	er each use	ОΥ	□N					
	c. Inspected for leaks and	weekly basis?	$\Box Y$	□N					
	d. Kept in a clean and se	cure a	rea when	not in use?		$\Box Y$	ПИ		
	e. Verified for accuracy b	(calorimetric only)?	$\Box Y$	□N					
				·	,				
	TCCM				117/	ar-n			
	Inspector's Name (Please Print	i)		-	Date of Inspec	// ction			
	Ω M Δ	<i>i</i>							
11/21/									
	Inspecial's Signature				Approximate Date of 1	√ext I	nspection		

- Took business over 1/1/97
 Realstar
 Mfg: 1995
 Seltt: 04-B5-252
 Moblei RS-373
- No rolling average
- Leak log has been maintained but need to be specific to the Il points.
- Purchase receipts when obtained will need to be properly maintained (prefer chronological order)
 - -Needs notification m sensor design accurage - Needs temperature sensor design accurage Verification
 - Hurst SL 15D-188 Model 3172
 - Wastewater is removed as hazardous waste

TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF INSPECTION:	ANNUAL 🗹	COMPLAINT/I	DISCOVERY 🗆	RE	E-INSPECTION		
TIME IN: 9:45 a.m.	TI	ME OUT: 11:15 a	m.	AIRS ID#	1030382 001		
TYPE OF FACILITY:	Perchloroeth	ylene Dry Clean	er				
FACILITY NAME:	Our Cleaner	 'S	DATE:	November 7,	1997		
FACILITY LOCATION:	3163 5th Ave	e. N, St. Petersb	urg, FL 337	'13			
RESPONSIBLE OFFICIAL	: Gerald Spir	es	PHONE N	IUMBER: (8	13) 323-4803		
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							
Monthly purchase records was a twelve month rolling av		d Develop and i maintains mor	nthly purchase		procedure that twelve month		
Could not confirm that temp designed to measure 45°F w ±2°F.	temperature so accuracy of ±	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 the Department would consider appropriate.					

The Annual Compliance Certification fo	rm has been properly certified and submitted to the inspector.	Yes ☑ No □
DATE OF NEXT INSPECTION:	November 21, 1997	
	(Approximate)	
INSPECTION CONDUCTED BY:_	Jett Morris	<u> </u>
INSPECTOR'S SIGNATURE:	PHONE NUMBER: 40	4-4422
	Page of	Revised 10/96

AIRS ID#:	1	130	2	82	
,		\prime		. v.	

Revised 10/10/9

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

				- 7 2) ·		·
FACILITY NAME:	Our Cle		B		DATE: _	7/16/99
FACILITY LOCATION:	3163 5	th Ave.	Visa E			
		tersburg		313		
Annual Reporting Period:	nuory	(4, 199	9 Turc To	July	16,	1999
Based on each term or condition of the T 62-213.300, Florida Administrative Cod				-	_	Rule X NO
If NO, complete the following:						
#1. Term or condition of the general per	mit that has not	been in continuo	us complianc	e during the rep	porting period	stated above:
Facility did no inspection and re Exact period of non-compliance: from	ot ma	intain 0705 12,1999		of lea		
Action(s) taken to achieve compliance:	,	records				
Method used to demonstrate compliance:	repair	records	·	·		
#2. Term or condition of the general per	mit that has not l	peen in continuo	us compliance	during the rep	oorting period	stated above:
Facility did not of the refrigerates Exact period of non-compliance: from	neasure d conden Jul	seronth y2,1999	ecord edry-ol	the och	tlette ne on au 116, 1990	emperations of
Action(s) taken to achieve compliance:	Measur	e and reckly bas	ecord t	he out	let tem	sperature
Method used to demonstrate compliance:	-					:
As the responsible official, I hereby certion made in this notification are true, accura upon rolling averages of purchase receip year for transfer or combination facilities.	te and complete. ts, does not exce	Further, my an	nual consump	tion of perchlo	roethylene sol	vent, based
responsible official: Gerg		Spira	Hlst	p. A.		7-16-94
	Vame (Please Pri	nt)		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.

TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF IN	SPECTION: ANNUAL 🗹 COMPLAINT/DISC	OVERY 🚨	RE-INSPECTION	
AIRS ID#:	1030382 001 DATE: 7/16/99 TIM	E IN: <u>8: 13 a</u> .	.mTIME OUT: 9_0	Jam.
FACILITY	NAME: Our Cleaners		·	
FACILITY	LOCATION: 3163 5th Ave. N			
	St. Petersburg, FL, 33713			
RESPONSI	BLE OFFICIAL: Gerald Spire	Phone 1	No.: 325-4803	
Permi	it No1030382-001-AG Exp. Date:	· .		
	Based of the results of the compliance requirements evaluated compliance with DEP Rule 62-213.300, Florida Administrativ		,	to be in
	Based on the results of the compliance requirements evaluated discrepancies were noted (only items which are checked):	l during this insp	ection, the following comp	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
Ļ	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.
Ø	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						
Ø	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.						
		· .						
	Verbal Warning: Comments: Missing 2 weeks	of temperature sensor						
	Comments: Verbal Warning: Comments: Missing 2 weeks of temperature sensor and leak detection readings (July 2+ July 9, 1999)							
	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:							
	Phone Number: 464-4422							

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION:	ANNUAL RE-INSPECTION	СОМ	IPLAINT/DISC	COVERY 🗖	
AIRS ID#: <u>1030382 001</u> FACILITY NAME:	DATE: 7/10	,		<u>م، س</u> TIME OUT:	-
FACILITY LOCATION:	3163 5th Ave. N				
FACILITY LOCATION.					· · ·
	St. Petersburg, F	L, 33/13			
RESPONSIBLE OFFICIA	L: Gerald Spire			PHONE: _325-4	803
CONTACT:	·			PHONE:	
PART I: NOTIFICATION					
(Check appropriate box)					# # # # # # # # # # # # # # # # # # #
1. Existing facility notified	DARM By 9/1/96				\mathbf{Q}'
2. New facility notified DA	RM 30 days prior to sta	rtup			
3. Facility failed to notify D	ARM to use general pe	rmit	· · · · · · · · · · · · · · · · · · ·		
PART II: CLASSIFICATI	ON	-			
Facility indicated on notifica (Check appropriate box)	ation form that it is:	_	notification fo op store / out of	rm f business / petrol	eum
A. 1. Existing small area of the dry-to-dry only, x<14 transfer only, x<200 both types, x<140 gate (Constructed before)	source O gal/yr gal/yr l/yr 12/9/91)	2. Ne dry trai bot (Co	w small area s'-to-dry only, x osfer only, x <2 th types, x < 140 onstructed on o	source <140 gal/yr :00 gal/yr) gal/yr or after 12/9/91)	
3. Existing large area so dry-to-dry only, 140-transfer only, 200-x-both types, 140-x-1, (Constructed before	:x≺2,100 gal/yr <1,800 gal/yr 800 gal/yr	4. Ne dry tra bot (Co	w large area s -to-dry only, 1 nsfer only, 200 th types, 140 < x onstructed on o	ource 40 <x<2,100 gal="" y<br=""><x<1,800 gal="" yr<br=""><1,800 gal/yr or after 12/9/91)</x<1,800></x<2,100>	yr
This is a correct facility clas	sification: 🗹 Y	N 🗖 Can no	ot determine		
	appropriate classificatio for a general permit as r bove limits and is not e	number			
B. The total quantity of per facility was75		urchased withi	n the preceding	g 12 months by th	nis dry cleaning

PART III: GENERAL CONTROL REQUIREMENTS			
Is the responsible official of the dry cleaning facility: (check appropriate boxes)			
Storing perchloroethylene in tightly sealed and impervious containers?	Y	ΠN	☐ NA
2. Examining the containers for leakage?	¥Y	ΠN	☐ 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?	ZY	□N	□NA
5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	ΟY	□N	I NA
PART IV: PROCESS VENT CONTROLS			
In Part II-A:		•	
If classification (1) has been checked, no controls are required. Proceed to Pa	ırt V.		
If classification (2) has been checked, the machine should be equipped with a (complete A below)	refrige	rated con	idenser
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.	ither a i must ha	refrigerat ave been	ed
If classification (4) has been checked, the machine should be equipped with a (complete A and B below.)	refrige	rated cor	ndenser
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	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?	⊿ Y	ПN	□NA
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis?	ΩY	I N	
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	₫ Y	ЙΝ	□ NA
6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	☑ Y	ПN	

В.	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?	□Υ	₫N	
	Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly? Is the temperature differential equal to or greater than 20°F?	□Y □Y	□n □n	□na □na
	Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is venting to the adsorber, if machines are equipped with a carbon adsorber? Is the perc concentration equal to or less than 100 ppm?	□Y □Y	□n □n	□na □na
	Assured that the sampling port on the carbon adsorber exhaust for measuring perc. concentrations is at least 8 duct diameters downstream of any bend, contraction, or expansion; is at least 2 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?	\Box_{Y}	□N	□NA
6.	Routed airflow to the carbon adsorber (if used) at all times?	□Y	□N	□NA
PA	RT V: RECORDKEEPING REQUIREMENTS			
Ha (ch	s the responsible official: eck appropriate boxes)			
1.	Maintained receipts for perc purchased?	₫Y	\square_{N}	• .
2.	Maintained rolling monthly averages of perc consumption?	∀ Y	ΠN	
3.	Maintained leak detection inspection and repair reports for the following:	,•• 1		
	a. documentation of leaks repaired w/in 24 hrs? or; (real head gasker)	\square_{Y}	\mathbf{A}^{N}	□NA
	b. documentation of parts ordered to repair leak and leak repaired by gastely win 2 days and parts installed win 5 days of receipt?	ŪΥ	\square_N	ĭNA
4.	Maintained calibration data? (for direct reading instrument only)	γ	\square N	ĭNA
5.	Maintained exhaust duct monitoring data on perc concentrations?	ďΥ	\square_N	ĭ¥NA
6.	Maintained startup/shutdown/malfunction plan?	⊡ Y	\square_N	
7	Maintained deviation reports?	$\Box \mathbf{v}$	\square N	MA
' ·	Walitained deviation reports.	<u> </u>	-	
/.	Problem corrected?	□Y		MA

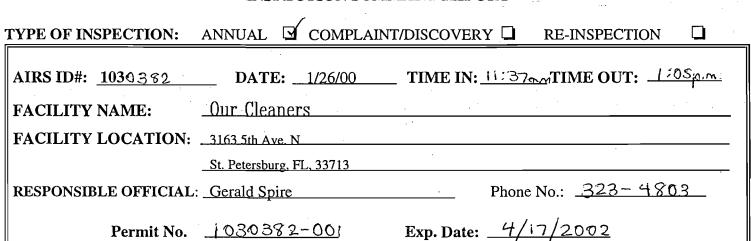
PART VI: LEAK DETECTION AND REPAIRS						
Does the responsible official conspection?	onduct a weekly (for sma	ll sources, bi-weekly) leak	detection and repair ☑Y □N			
2. Has the facility maintained a le	eak log?		□Y . ØN			
3. Does the responsible official c	heck the following areas	for leaks:				
Hose connections, fitting couplings, and valves	Øy □n □na	Muck cookers	OY ON TONA			
Door gaskets and seating	Y ON ONA	Stills	MY ON ONA			
Filter gaskets and seating	TY ON ONA	Exhaust dampers	MY ON ONA			
Pumps	DY ON ONA	Diverter valves	My On Ona			
Solvent tanks and containers	My On Ona	Cartridge Filter housing	ØY ON ONA			
Water separators	My On Ona					
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 pe	erc vapor concentrations is	n a range of 0-500 ppm.	□Y □N			
b. Calibrated against a stan	dard gas prior to and after	each/use(PID/FID only).	□Y □N			
c. Inspected for leaks and c	obvious signs of weak on a	weekly basis?	□y □n			
d. Kept in a clean and secu	ure area when not in use.		□Y □N			
e. Verified for accuracy by	use of duplicate samples	(calorimetric only)?	\square_{Y} \square_{N}			
Inspector's Name (Please Print) Inspector's Name (Please Print) Inspector's Plantyre Approximate Date of Next Inspection						
Inspector's Signature		Approximate Hate	or rear mapeemen			

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

			<u> </u>	
FACILITY NAME:	Our Clean	ners	A.	TE: 1/11/00
FACILITY LOCATION:		h Ave. N.		1 /
	St. Peter	sburg, FL	33713	
Annual Reporting Period: 30	ily 16,	19 99 то	January	11, 2000
Based on each term or condition of the T 62-213.300, Florida Administrative Cod				n DEP Rule □NO
If NO, complete the following:				
#1. Term or condition of the general per	mit that has not been in	continuous compliance	during the reporting p	eriod 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 pen	mit that has not been in	continuous compliance	during the reporting p	eriod stated above:
Exact period of non-compliance: from		to	RECEIV	ED
Action(s) taken to achieve compliance:				
Method used to demonstrate compliance:			Bureau of Air Monit & Mobile Source	oring
is the responsible official, I hereby certif nade in this notification are true, accura non rolling averages of purchase receip tear for transfer or combination facilities	te and complete. Furthe ts. does not exceed 2,100	r, my annual consumpti	ion of perchloroethyles	ne solvent hased
responsible official: <u>Goral</u>			the kn	1-11-00
	lame (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.

TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT



瓦	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 <u>discrepancies</u> 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.



	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:	EF Morris				
	Inspector's Signature:	tythons				
	Phone Number: 464 4	4/2				
	Pa	ge 2 of 2				

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION:	ANNUAL RE-INSPECTION	COMPLAINT/DISCOVERY 🖵	
AIRS ID#: 10303%2 FACILITY NAME: FACILITY LOCATION:	Our Cleaners 3163 5th Ave. N	TIME IN: 11:37a.nTIME OUT: 1:05p	. <i>0</i> 1.
RESPONSIBLE OFFICIA CONTACT:	St. Petersburg, FL, 3 L: Gerald Spire Gerald Spire	PHONE: 323-4803 PHONE: 323-4803	-
PART I: NOTIFICATION	[·		
(Check appropriate box) 1. Existing facility notified 2. New facility notified DA 3. Facility failed to notify D	RM 30 days prior to startup	<u>·</u>	1 1 1
PART II: CLASSIFICATI	ON		
Facility indicated on notificate (Check appropriate box) A. 1. Existing small area of dry-to-dry only, x<14 transfer only, x<200 to both types, x<140 galacters.		No notification form Drop store / out of business / petroleum 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 so dry-to-dry only, 140 transfer only, 200 < x both types, 140 < x < 1, (Constructed before		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="" th="" transfer="" types,="" yr=""><th></th></x<2,100>	
facility qualified facility exceeds a	appropriate classification: for a general permit as numl bove limits and is not eligib		ng
76	gallons.		- ·.

PA	RT III: GENERAL CONTROL REQUIREMENTS		· ·	
	the responsible official of the dry cleaning facility:	`\		
1.	Storing perchloroethylene in tightly sealed and impervious containers?	⊈ Y	\square N	□ NA
2.	Examining the containers for leakage?	⊈ Y	□N	☐ NA
3.	Closing and securing machine doors except during loading/unloading?	Y	□N	
4.	Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	T Y	□N	∵ □ na
5.	Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	ΩY	□N	🗹 NA
PA	ART 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 con	denser
	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.	ither a must ha	refrigerate ave been	ed
	If classification (4) has been checked, the machine should be equipped with a (complete A and B below.)	refrige	rated 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?	Y	\square N	
2.	Equipped dry-to-dry machines with a closed-loop vapor venting system?	⊡ Y	□N	□ NA
3.	Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	□ Y	□ N □	□NA
4.	Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly bi-weekly basis?	☑ Y	ΠN	
5.	Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	⊴ Y	ΠN	□NA
6.	Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	Y	ПИ	

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 flocated on dry-to-dry, reclaimer, and dryer machines on a weekly basis?	Øy □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 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
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?	.« □y □n □na
5. Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	□y □n □na
6. Douted sirfley, to the earlier advertor (if used) at all times?	OY ON ONA
6. Routed airflow to the carbon adsorber (if used) at all times?	
PART V: RECORDKEEPING REQUIREMENTS	OI ON ONA
	OI ON ONA
PART V: RECORDKEEPING REQUIREMENTS	ØY □N
PART V: RECORDKEEPING REQUIREMENTS Has the responsible official: (check appropriate boxes)	⊠Y □N
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?	⊠Y □N
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;	ØY □N ØY □N
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?	□Y □N □N □Y □N □Y □N □Y □N
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)	Øy □n Øy □n □y □n Øna □y □n Øna
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)	☐Y □N ☐Y □N ☐NA □Y □N ☐NA □Y □N ☐NA □Y □N ☐NA
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?	MY ON MY ON MA OY ON MA OY ON MA OY ON MA
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?	MY ON MY ON MON MON MON MON MON MON MON MON MON M

PA	ART VI: LEAK DETECTION	N ANI) REP	PAIRS			. ** .	
1.	1. Does the responsible official conduct a weekly (for small sources, bi-weekly) leak detection and repair inspection?							
2.	Has the facility maintained a le	ak log	?			₫y	□N	
3.	Does the responsible official cl	heck th	ne follo	owing ar	eas for leaks:			
	Hose connections, fitting couplings, and valves	₫y	□N	□NA	Muck cookers	□Y	□n 望na	
	Door gaskets and seating	Y	\square_N	□NA	Stills	ĭ₫Y	□n □na	
	Filter gaskets and seating	☐Y	\square_{N}	□NA	Exhaust dampers	☑Y	□n □nạ	
	Pumps	ĭ¥Y	\square_{N}	□NA	Diverter valves	⊠y	□n □na	
	Solvent tanks and containers	₽Y	\square_{N}	□NA	Cartridge Filter housing	ng 🖸 Y	□N □NA	Ç.
	Water separators	Y	\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. Dy IN b. Calibrated against a standard gas prior to and after each use (PID/FID only).							
	c. Inspected for leaks and o	bvious	signs	of wear	on a weekly basis?	a si	□Y □N	· ·
	d. Kept in a clean and secu	ure are	a wher	n not in i	ise.		□Y □N	· ·.
	e. Verified for accuracy by	use of	duplic	ate samp	oles (calorimetric only)?		\square_{Y} \square_{N}	
•	Inspector's Name (Please Print) Inspector's Signature	is nt)		4	Date of Approximate L	/2000 Inspection /2000 Pate of Ne	n xt Inspection	

TITLE V AIR QUALITY AIR GENERAL PERMIT (INSPECTION SUMMARY REPORT

TYPE OF INSPECTION:	ANNUAL 🗹 COMPLAINT/DISCOVERY 🗆 RE-INSPECTION 🖵
AIRS ID#: 1030382	DATE: 7/25/00 TIME IN: 9:520.0 TIME OUT: 10:1/70.00
FACILITY NAME:	Our Cleaners
FACILITY LOCATION:	_ 3163 5th Avenue North
	St. Petersburg, FL, 33713
RESPONSIBLE OFFICIAL	Gerald Spire Phone No.: 323-4803
Permit No.	1030382-001-AG Exp. Date: 4/17/02

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 <u>discrepancies</u> 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.

	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 the outlet temperature on a weekly basis. The temperature, meaning 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:			
	Comments:			
		ctions are required, you must take immediate corrective perform a follow-up inspection to determine that proper		
	Inspection Conducted by:	Et Morris		
	Inspector's Signature:	my Mario		
	Phone Number: 464	4/2 /12		
	P/	age 2 of 2		

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION:	ANNUAL ME-INSPECTION	COMPLAINT/DISCOVERY	
AIRS ID#:_1030382 FACILITY NAME: FACILITY LOCATION:	Date: 7/25 Our Cleaners 3163 5th Avenue N St. Petersburg, FL,		2 a.
RESPONSIBLE OFFICIA	L: Gerald Spire	PHONE: 323-4803	
CONTACT:	Gerald Spire	PHONE: <u>323-4803</u>	·
PART I: NOTIFICATION	[
(Check appropriate box)			
1. Existing facility notified	DARM By 9/1/96		5
2. New facility notified DA	RM 30 days prior to startu	ıp	
3. Facility failed to notify D	ARM to use general perm	nit	
PART II: CLASSIFICATI	ON		
Facility indicated on notificate (Check appropriate box) A.	ition form that it is:	No notification form Drop store / out of business / petroleum	
1. Existing small area dry-to-dry only, x<14 transfer only, x<200 both types, x<140 ga (Constructed before	source	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 s dry-to-dry only, 140- transfer only, 200-x- both types, 140-x-1 (Constructed before	source x<2,100 gal/yr <1,800 gal/yr ,800 gal/yr 12/9/91)	4. New large area source dry-to-dry only, 140 < x < 2,100 gal/yr transfer only, 200 < x < 1,800 gal/yr both types, 140 < x < 1,800 gal/yr (Constructed on or after 12/9/91)	
facility qualified	ssification: Y N appropriate classification: for a general permit as nu- bove limits and is not elig	mber above	·
B. The total quantity of per facility was39		chased within the preceding 12 months by this dry cle	aning

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 Y	\square N	□ NA
2. Examining the containers for leakage?	⊴ Y	□N	□ NA
3. Closing and securing machine doors except during loading/unloading?	⊈ Y	ΠN	٠
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	Y Y	ΠN	□ NA
5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	□Y	ŊΝ	☑ NA
PART IV: PROCESS VENT CONTROLS			
In Part II-A:		· .	
If classification (1) has been checked, no controls are required. Proceed to Pa	ert V.		
If classification (2) has been checked, the machine should be equipped with a (complete A below)	refrige	rated con	denser
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.	ither a i must ha	refrigerate ave been	ed
If classification (4) has been checked, the machine should be equipped with a (complete A and B below.)	refrige	rated 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?	Y	□N	
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	Y	□ N	□ NA
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	₫ Y	□n.	□NA
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly bi-weekly basis?	I Y	ПN	
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	₫ Y	Пи	□NA
6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	d Y	ΠN	· ,

١.				
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?	□y □y	□n □n	□na □na
	Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is venting to the adsorber, if machines are equipped with a carbon adsorber? Is the perc concentration equal to or less than 100 ppm? 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	□Y □Y	□n □n	□na □na
	expansion; is at least 2 dust diameters upstream from any bend contraction, or expansion; and downstream from no other inlet?	ŪΥ	□N	□NA
5.	Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	ПY	□N	□NA
6.	Routed airflow to the carbon adsorber (if used) at all times?	ŪΥ	□INI	□NA
		<u> </u>	LIN.	
PA	ART V: RECORDKEEPING REQUIREMENTS	— 1		
_				
H: (c)	ART V: RECORDKEEPING REQUIREMENTS	⊒í Y	·	
H: (c)	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes)	⊒√Y	·□N	
H: (c) 1. 2.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased?	☑Y ☑Y	·□N	
H: (c) 1. 2.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following:	☑Y ☑Y	□n	□NA
H: (c) 1. 2.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following:	☑Y ☑Y		□NA □NA
H; (c) 1. 2. 3.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following: a. documentation of leaks repaired w/in 24 hrs? or; Consumption:	☑Y ☑Y ☑Y		□NA
H: (c) 1. 2. 3.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? 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?	☑Y ☑Y ☑Y		□NA □NA
H: (c) 1. 2. 3.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? 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? Maintained calibration data? (for direct reading instrument only) Maintained exhaust duct monitoring data on perc concentrations?	☑Y ☑Y ☑Y ☑Y □Y		□NA □NA ☑NA
H. (c) 1. 2. 3.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? 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? Maintained calibration data? (for direct reading instrument only) Maintained exhaust duct monitoring data on perc concentrations?	☑Y ☑Y ☑Y ☑Y □Y		□NA □NA ☑NA
H. (c) 1. 2. 3.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? 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? Maintained calibration data? (for direct reading instrument only) Maintained exhaust duct monitoring data on perc concentrations? Maintained startup/shutdown/malfunction plan?			□NA □NA ☑NA

PA	RT VI: LEAK DETECTIO	N AN	D REF	PAIRS			
1.	Does the responsible official coinspection?	onduc	t a wee	ekly (for sm	all sources, bi-weekly leak	detect	ion and repair
2.	Has the facility maintained a le	ak log	g?			₫Y	\square_{N}
3,	Does the responsible official c	heck tl	he follo	owing areas	s for leaks:		
	Hose connections, fitting couplings, and valves	ĭ¥Y	□N	□na	Muck cookers	□Y	□n ⊡na
	Door gaskets and seating	$\mathbf{A}^{\mathbf{X}}$	□N	\square NA	Stills	₫Y	\square_N \square_{NA}
	Filter gaskets and seating	₫Y	ΠN	\square_{NA}	Exhaust dampers	$\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{Y}}}}}}}_{\mathbf{Y}}$	□n □na
	Pumps	₫Y	ΠN	□NA	Diverter valves	⊈Y	□n □na
	Solvent tanks and containers	T Y	□N	□NA	Cartridge Filter housing	 ✓ Y	□n □na
	Water separators	$\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{$. □ N	□NA			
4.	Which method of detection is Visual examination Physical detection Odor (noticeable pound of direct-reading Halogen leak detector) If using direct-reading instructions	n (cond (airflo erc odeng ing insta	densed w felt or) trumen	solvent of through gas	exterior surfaces) skets) O/PID/calorimetric tubes)		99900
	a Capable of detecting perc vapor concentrations in a range of 0-500 ppm.						
	b. Calibrated against a stan	dard g	as prio	r to and after	er each use(PID/FID only).		□Y □N
	c. Inspected for leaks and c	bviou	s signs	of wear on	a weekly basis?		□y □n
	d. Kept in a clean and secu	ure are	a when	n not in use	. * *		\square_{Y} \square_{N}
	e Verified for accuracy by	use of	duplic	cate samples	s (calorimetric only)?		□Y □N
	Inspector's Name (Please Printing Inspector's Signature	nt)		· .	7/26/ Date of in 2/26/ Approximate Date	OO spection O (n at Inspection

ALC

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

FACILITY NAME:	Our Cleaners		Date: 7/25/00
FACILITY LOCATION:	3163 5th Avenue No	orth	
-	St. Petersburg, FL, 3	3713	
Annual Reporting Period:	January :	26 ₂ 20 <u>00</u> To	July 25, 20,00
	of the Title V general air	permit, my facility has remain	ned in compliance with DEP Rule 62-
IF NO, complete the following	g:	P	
#1. Term or condition of the ger	neral permit that has not be	een in continuous compliance	during the reporting period stated above:
Exact period of non-compliance:	from	70 Z 10 Z	<u></u>
Action(s) taken to achieve comp	liance:	Sources Resources	
Method used to demonstrate con	npliance:	King	
#2. Term or condition of the ge	neral permit that has not b	een in continuous complianc	e during the reporting period stated above:
Exact period of non-compliance:	from	to	
Action(s) taken to achieve comp	liance:		·
Method used to demonstrate con	npliance:		
As the responsible official, that the statements made ir of perchloroethylene solve per year for dry-to-dry faci	I hereby certify, base this notification are to the based upon rolling lities or 1,800 gallons	d on information and be rue, accurate and compl averages of purchase re per year for transfer or	lief formed after reasonable inquiry, ete. Further, my annual consumption ceipts, does not exceed 2,100 gallons combination facilities.
RESPONSIBLE OFFICIA	L: Gerald Spire (Name, Please P	rint) Signa	ature Date

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

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DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

FACILITY NAME:	Our Cleaners	DATE:	1/10/01
FACILITY LOCATION:	3163 5th Avenue North		7.0/
	St. Petersburg, FL, 3371	3	
Annual Reporting Period:	January 26, 20	OD To Jane	vary 10, 20 01
Based on each term or condition compliance with DEP Rule 62-2 covered by this statement.		mit, my facility has remained in ve Code (F.A.C.), during the period	od XaYES □NO
IF NO , complete the following: #1. Term or condition of the get above:	neral permit that has not been	in continuous compliance during	the reporting period stated
Exact period of non-compliance	: from	to	
Action(s) taken to achieve comp	liance:		
Method used to demonstrate con	npliance:		
#2. Term or condition of the gerabove:	neral permit that has not been	in continuous compliance during	the reporting period stated
Exact period of non-compliance	from	to	
Action(s) taken to achieve comp	liance:	,	
Method used to demonstrate con	npliance:		
statements made in this notificat	ion are true, accurate and comages of purchase receipts, doe	tion and belief formed after reason pplete. Further, my annual consumes not exceed 2,100 gallons per ye	nption of perchloroethylene
RESPONSIBLE OFFICIAL:	Gerald Spire (Name, Please Print)	July 11.1. Signature	7-10-01 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.

TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF INSPECTION:	ANNUAL GEOMPLAINT/DISCOVERY GRE-INSPECTION
AIRS ID 103 0382	DATE: 1/10/01 TIME IN: 9:32 mm TIME OUT: 9:560 m
FACILITY NAME:	Our Cleaners
FACILITY LOCATION:	3163 5th Avenue North, St. Petersburg, 33713
RESPONSIBLE OFFICIAL:	Gerald Spire PHONE NUMBER: 323-4803
Permit No.	1030382-001-AG Exp. Date: 4/17/02

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

	Compliance Requirement/Problem	Follow-up Action Required
-	Did not have a start-up, shutdown, malfunction (SSM) plan in place, along with associated record keeping, 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 record keeping procedure that maintains monthly purchases (perc) as a consecutive twelve month total.
0	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).
а	Did not store all perchloroethylene, and perchloroethylene containing waste in tightly sealed containers.	Store all perchloroethylene and perchloroethylene-containing waste in tightly sealed containers, which are impervious and chemically un-reactive 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.
0	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.

	Compliance Requirement/Problem	Follow-up Action Required
	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.
a	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.
ū	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.
đ	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.
a	Temperature monitoring was not conducted after an appropriate cool down period and after verifying that the coolant was completely charged.	Conduct all temperature monitoring following an appropriate cool down period and after verifying that the coolant has been completely charged.
a	Containers for perchloroethylene and/or perchloroethylene containing waste were found to be leaking.	Examine the containers, used for storing perchloroethylene and/or perchloroethylene containing waste, for leakage.
а		
a		
Co	mments:	
_	<u> </u>	· · · · · · · · · · · · · · · · · · ·
me con The I	asures to achieve compliance. Pinellas County wi rrective actions have been taken.	of actions are required, you must take immediate corrective fill perform a follow-up inspection to determine that proper early certified and submitted to the inspector. Yes \(\text{No}\) No \(\text{No}\)

Ascol

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION:	ANNUAL RE-INSPECTION	COMPLAINT/DISCOVERY •	
AIRS ID#: 103 0382	DATE: 1/10/01	TIME IN: 9:32a.m. TIME OUT:	4:36an
FACILITY NAME:	Our Cleaners		
FACILITY LOCATION:	3163 5th Avenue North		
TACIBITI EOCATION:	St. Petersburg, FL, 33713		
RESPONSIBLE	Gerald Spire	Phone No.: 323-4803	
OFFICIAL:			
PERMIT	,		
NO. 1030382-002		EXP. DATE: $\frac{4}{17}\sqrt{02}$	
CONTACT: Gerald Spire		PHONE: 323-4803 /	
PART I: NOTIFICATION	<u> </u>		
(Check appropriate box)			
Existing facility notified	DARM by 9/1/96		ď
2. New facility notified DA	•	Un	_
1	· •	-	
3. Facility failed to notify I	JARIM to use general peril	int .	
PART II: CLASSIFICAT	ION		
Facility indicated on notific (Check appropriate box) A.	_	No notification form Drop store / out of business / p	oetroleum ⊠
1. Existing small area		2. New small area source	M
dry-to-dry only, x □ 140		dry-to-dry only, x □ 140 gal/yr	
transfer only, x \(\text{200 ga} \)	-	transfer only, x □ 200 gal/yr	
both types, x □ 140 gal/y (Constructed before 12/		both types, $x \square 140$ gal/yr (Constructed on or after 12/9/91)	
3. Existing large area s		4. New large area source	
dry-to-dry only, 140 \(\sigma\) x		dry-to-dry only, 140 \(\sigma \sigma \), 2,100 gal/yr	—
transfer only, $200 \square x \square 1$	- · · · · · · · · · · · · · · · · · · ·	transfer only, $200 \square x \square 1,800$ gal/yr	
both types, 140 □x □ 1,8		both types, $140 \square x \square 1,800 \text{ gal/yr}$	
(Constructed before 12/		(Constructed on or after 12/9/91)	
This is a correct facility	classification	✓ Y □ N □ Can not determine	
If no, please check the appr	<u>.</u>		•
· -	for a general permit as nur		
	above limits and is not elig		
B. The total quantity of perofacility was G		within the preceding 12-months by this dry cl	eaning
A			

Is the responsible official of the dry cleaning facility: (check appropriate boxes) ₫Y \square N 1. Storing perchloroethylene in tightly sealed and impervious containers? \square NA ďΥ \square N □ NA 2. Examining the containers for leakage? ₫ Y \square N 3. Closing and securing machine doors except during loading/unloading? 4. Draining cartridge filters in their housing or in sealed containers for at ⊴ Y \square N least 24 hours prior to disposal? 5. Maintaining solvent-to-carbon ratios and steam pressure for carbon ☑ NA adsorber beds according to the manufacturer's specifications? \Box Y \square N PART IV: PROCESS VENT CONTROLS In Part II-A: If classification (1) has been checked, no controls are required. Proceed to Part V. If classification (2) has been checked, the machine should be equipped with a refrigerated condenser (complete A below) If classification (3) has been checked, the machine should be equipped with either a refrigerated condenser or a carbon adsorber (complete A and B below). Carbon adsorber must have been installed prior to September 22, 1993. If classification (4) has been checked, the machine should be equipped with a refrigerated condenser (complete A and B below.) A. Has the responsible official of all new sources and existing large area sources: (check appropriate boxes) ØY. 1. Equipped all machines with the appropriate vent controls? $\square N$ **D**Y \square N 2. Equipped dry-to-dry machines with a closed-loop vapor venting system? □ NA ØY. \square N 3. Equipped the condenser with a diverter valve so airflow will be directed □ NA away from the condenser upon opening the door? ΜY Measured and recorded the temperature of the outlet exhaust stream of a \square N. 4. refrigerated condenser on a weekly basis? Y Y Repaired or adjusted the equipment within 24 hours if the exhaust \square N ☑ NA 5. temperature of the condenser exceeded 45°F? ₫ Y

PART III: GENERAL CONTROL REQUIREMENTS

6.

 \square N

Conducted all temperature monitoring after an appropriate cool down

period and after verifying the coolant had been completely charged?

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?	ŒΎ	□N	
2.	Measured and recorded the washer exhaust temperature at the condenser inlet and outlet	□Y	□N	□NA
	weekly? Is the temperature differential equal to or greather of F?	□Y	ŪΝ	□NA
3.	Measured and recorded the perc concentration in the final drying cycle while the machine is venting to the same are equipped.			
	with a carbon adsorber? Is the perc concentration equalless than 10	□Y □Y		□NA □NA
4.	Assured that the san adsorber maust for measuring perc. concentrations is at le.			
	expansion; is at least 2 c meters and downstream from no let?	ΦY	□N	□NA
5.	Equipped transfer machines (vers, reclaimers, and washers) with individual condenser coils?	ΟY	□N	□NA
6.	Routed airflow to the carbon adsorber (if used) at all times?	□Y _.	ΠN	□NA
PA	ART V: RECORDKEEPING REQUIREMENTS			
$\overline{}$				
Ha	as the responsible official: heck appropriate boxes)			
Ha	as the responsible official:	€JY	□N	
Ha (C)	as the responsible official: heck appropriate boxes)	QY Y	ON	
H a (C)	heck appropriate boxes) Maintained receipts for perc purchased?			
Ha (C) 1.	As the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption?		ΩN	□NA
Ha (C) 1.	As the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following:	⊠Y		□NA
Ha (C) 1.	Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following: a. Documentation of leaks repaired w/in 24 hrs? or; (replaced leaky hase 19/18/00) b. Documentation of parts ordered to repair leak and leak repaired w/in 2 days	⊠Y GY		
Ha (C)	Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following: a. Documentation of leaks repaired w/in 24 hrs? or; (replaced leaky) b. Documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?	QY QY		□NA
Ha (C) 1. 2. 3. 4.	Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following: a. Documentation of leaks repaired w/in 24 hrs? or; (replaced leaky hase 10/18/00) b. Documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt? Maintained calibration data? (for direct reading instrument only)	ey ey ey ey		□NA ⊡NA
Ha (C) 1. 2. 3.	Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following: a. Documentation of leaks repaired w/in 24 hrs? or; (replaced leaky has e 10/13/00) b. Documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt? Maintained calibration data? (for direct reading instrument only) Maintained exhaust duct monitoring data on perc concentrations?	αγ αγ αγ αγ		□NA ⊡NA
Ha (C) 1. 2. 3. 4. 5.	As the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? 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? Maintained calibration data? (for direct reading instrument only) Maintained exhaust duct monitoring data on perc concentrations? Maintained startup/shutdown/malfunction plan?	αγ αγ αγ αγ		□NA ⊡NA ⊡NA

PART VI: LEAK DETECTION AND REPAIRS

1.	Does the responsible official cond	uct a w	eekly lea	ik detection and repair inspection?	₽Y	ΠN
2.	Which method of detection does the	ne resp	onsible o	official use? (bi-weekly, small)	₫Y	\square N
	Visual examination (conde	nsed so	olvent of	exterior surfaces)	Ø	
	Physical detection (airflow	felt the	rough ga	skets)	$\mathbf{\underline{U}}$	
	Odor (noticeable perc odor	·)		·	☑′	
	Use of direct-reading instru	ımenta	tion (FII	O/PID/calorimetric tubes)		
	If using direct-reading instrume	ntatior	i, is the	equipment:	ΠY	\Box N
	a. Capable of detecting per	c vapoi	concent	rations in a range of 0-500 ppm	$\Box Y$	ΠN
				o and after each use (PID/FID only).	$\Box Y$	\square N
	c. Inspected for leaks and o				□Y	\square N
	d. Kept in a clean and secu	re area	when no	et in use.	$\Box Y$	\Box N
	e. Verified for accuracy by	use of	duplicate	e samples (calorimetric only)?	$\Box Y$	\Box N
3.	Has the facility maintained a leak				$\mathbf{\Xi}\mathbf{Y}$	\square N
4.	The following area should be chec	ked for	leaks by	the inspector:	O Y	—∃N-V
	Hose connections, fitting	₫Y	□N	Muck cookers (N/A)	$\Box Y$	\square N
	couplings, and valves	,		•	,	
	Door gaskets and seating	₫Y	\Box N	Stills	ĀĀY	. □ N
	Filter gaskets and seating	₽Y	ΠN	Exhaust dampers	ΨY	\square N
	Pumps	ΩÝΥ	□N	Diverter valves	ØY	\square N.
	Solvent tanks and containers	Q/Y	□N	Cartridge Filter housing	ĽΥ	ΠN
	Water separators	⊒Y	□N			
	Gerald Spire e of Responsible Official			-		
Name						
	Jeff Moras			1/10/01		
Inspe	ctor's Name (Please Print)			Date of Inspection		
				1/10/00		

Approximate Date of Next Inspection

Inspector's S

Provided.
AIRS ID 1030382
·
\$

ce does not le number. nd the date	extra fee): 1.	· · · · ·
4b. Service 1 Registere Express I	33 613 Type ad Mail ceipt for Merchandis	Certified Insured
		if requested
	4a. Article N 4b. Service Registere Express Return Rec 7. Date of Do	4a. Article Number 4b. Service Type Registered Express Mail Return Receipt for Merchandis 7. Date of Delivery 8. Addressee's Address (Only and fee is paid)

I'HIS 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.

TOTAL AMOUNT DUE: \$50.00

Do NOT Remove Label

AIRS ID 1030382

OUR CLEANERS INC GERALD R SPIRE 7500 10TH AVENUE ST PETERSBURG FL 33713 30382**5**

AIL ROCE

FOR GOVERNMENT USE ONLY: Org.: 37550101000 EO: B1

Fund: 20-2-035001 Obj.: 002273

Z 333 660 685 US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail (See reverse) Sent to AIRS ID # 1030382 OUR CLEANERS GERALD R SPIRE 7500 10TH AVENUE ST PETERSBURG FL 33713 Certified Fee Special Delivery Fee Restricted Delivery Fee PS Form **3800**, April 1995 Return Receipt Showing to Whom & Date Delivered Return Receipt Showing to Whom, Date, & Addressee's Address TOTAL Postage & Fees Postmark or Date

on the reverse side?	Ol adolanua jo dol jano auli le plose. Complete items 1 and/or 2 for additional services. Complete items 3, 4a, and 4b. Print your name and address on the reverse of this form so that we card to you. Attach this form to the front of the mailpiece, or on the back if space permit. Write 'Return Receipt Requested' on the mailpiece below the article. The Return Receipt will show to whom the article was delivered and delivered.	e can return this e does not e number.	I also wish to receive the following services (for an extra fee): 1. Addressee's Address 2. Restricted Delivery Consult postmaster for fee.	elpt service.	
your RETURN ADDRESS completed	3. Article Addressed to: AIRS ID # 1030382 OUR CLEANERS GERALD R SPIRE 7500 10TH AVENUE ST PETERSBURG FL 33713 5. Received By: (Print Name) 6. Signature: (Addressee of Agent)	4b. Service 1 Registere Express I Return Rec	Type Insured Certified Insured Cept for Merchandise COD Solivery	g Return	
8	PS Form 3811 , December 1894	. — <u>-</u>	Domestic Return Receipt	ĺ	



THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING

0390001

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 1D # 1030382

OUR CLEANERS GERALD R SPIRE 7500 10TH AVENUE ST PETERSBURG FL 33713 FOR GOVERNMENT USE ONLY OF BLOOM TO THE STATE OF THE STAT

Fund: 20-2-035001 Obj.: 002273



TITLE V - General Permit Receipts Post Office Box 3070 Tallahassee, FL 32315-3070

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THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING

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TOTAL AMOUNT DUE: \$50.00

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OUR CLEANERS GERALD R SPIRE 7500 10TH AVENUE ST PETERSBURG FL 33713

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

Obj.: 002273



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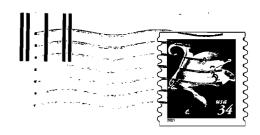
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AIRS ID # 1030382

OUR CLEANERS GERALD R SPIRE 7500 10TH AVENUE ST PETERSBURG FL 33713 FOR GOVERNMENT USE ONLY Org.: 37550101000 EO: A1

Fund: 20-2-035001 Obj.: 002273 3163 5th AVE. N. ST. PETE, FL 33713





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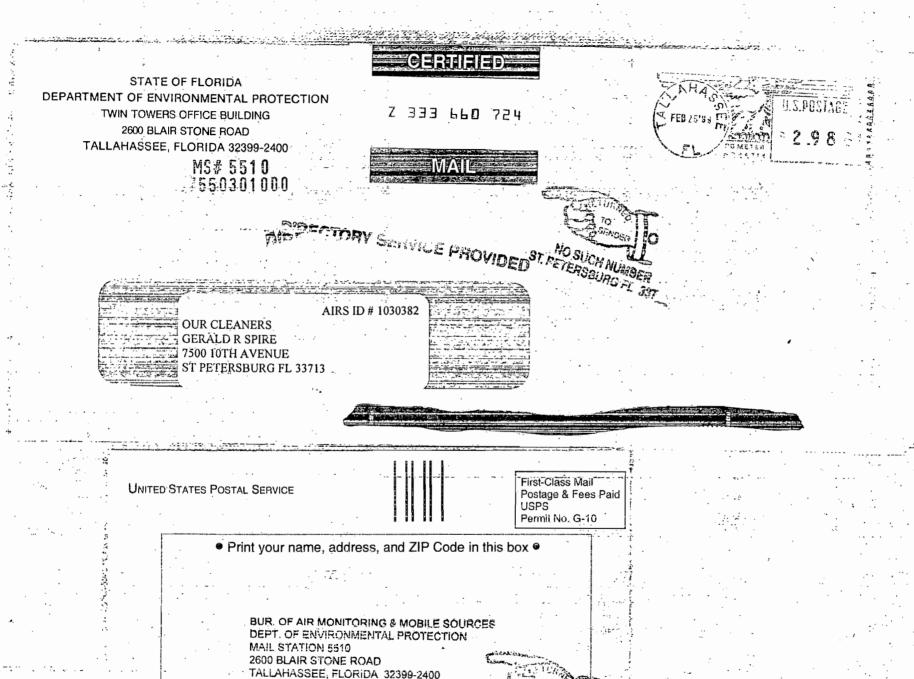
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6. Signature: (Addressee or Agent)

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	Postage	1\$
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1995	Return Receipt Showing to Whom & Date Delivered	
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the reverse side?	SENDER: © Complete items 1 and/or 2 for additional services. © Complete items 3, 4a, and 4b. Print your name and address on the reverse of this form so that we card to you. Attach this form to the front of the mailpiece, or on the back if space permit. Write "Return Receipt Requested" on the mailpiece below the article.	'i also wish to receive the following services (for an extra fee): 1. Addressee's Address 2. Restricted Delivery	
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