Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

January 15, 1996

Mr. Michael C. Shapiro
Drive Thru Cleaners
2519 McMullen Booth Road #512
Clearwater, Florida 34621

Re: Facility I.D. No. 1030321

Dear Mr. Shapiro:

The Department has received the Title V General Permit Notification Form for the dry cleaning facility that you submitted on August 30, 1996.

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, Fl 32399-2400

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

Sincerely,

for Dotty Diltz, Chief
Bureau of Air Monitoring
and Mobile Sources

DD/jw

cc: Mr. Louis Fernandez, Southwest District

TITLE V AIR QUALITY AIR GENERAL PERMIT
INSPECTION SUMMARY REPORT

TYPE OF INSPECTION: ANNUAL ☐ COMPLAINT/DISCOVERY ☑ RE-INSPECTION ☐

AIRS ID#: 1030321 001 **DATE:** 5/27/99 **TIME IN:** 1:45 **TIME OUT:** 2:00

RECEIVED
JUN 10 1999
Bureau of Air Monitoring & Mobile Sources

FACILITY NAME: Drive Thru Cleaners (East Bay Dry Cleaners)

FACILITY LOCATION: 2519 McMullen Booth Rd. #512
Clearwater, FL, 33761

RESPONSIBLE OFFICIAL: Michael Shapiro Phone No.: 726-0122

Permit No. 1030321-001-AG Exp. Date: 09/24/2001

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

☐ Based on the results of the compliance requirements evaluated during this inspection, the following compliance **discrepancies** were noted (only items which are checked):

Inspection Summary Report Guidance

	Compliance Requirement/Problem	Follow-up Action Required
☐	Did not have a start-up, shutdown, malfunction (SSM) plan in place, along with associated recordkeeping, on site.	If no specific procedures are available from the manufacturer, develop a SSM plan that describes procedures for maintaining and operating equipment during periods of start-up and shutdown associated with a malfunction. EPA's O&M manual may be used if no manufacturers information is available. Keep log of maintenance actions
☐	Purchase receipts were not maintained properly.	Maintain all purchase receipts in a log kept on-site for determination of perchloroethylene solvent consumption.
☐	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: No dry cleaning machines on site -

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

Inspection Conducted by: **Margaret Hennis**

Inspector's Signature: Margaret O. Hennis

Phone Number: 464-4422

PERCHLOROETHYLENE DRY CLEANERS
TITLE V GENERAL PERMIT
COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION: ANNUAL ☑ COMPLAINT/DISCOVERY ☐
RE-INSPECTION ☐

AIRS ID#: 1030321 001 **DATE:** _____ **TIME IN:** _____ **TIME OUT:** _____

FACILITY NAME: Drive Thru Cleaners (East Bay Dry Cleaners)

FACILITY LOCATION: 2519 McMullen Booth Rd. #512
Clearwater, FL, 33761

RESPONSIBLE OFFICIAL: Michael Shapiro **PHONE:** 726-0122

CONTACT: _____ **PHONE:** _____

PART I: NOTIFICATION

(Check appropriate box)

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

PART II: CLASSIFICATION

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

☐ 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 on or after 12/9/91)

3. **Existing large area source** ☑
dry-to-dry only, 140<x<2,100 gal/yr
transfer only, 200<x<1,800 gal/yr
both types, 140<x<1,800 gal/yr
(Constructed before 12/9/91)

4. **New large area source** ☐
dry-to-dry only, 140<x<2,100 gal/yr
transfer only, 200<x<1,800 gal/yr
both types, 140<x<1,800 gal/yr
(Constructed on or after 12/9/91)

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

If no, please check the appropriate classification:
☑ facility qualified for a general permit as number 1 above
☐ facility exceeds above limits and is not eligible for a general permit

B. The total quantity of perchloroethylene (perc) purchased within the preceding 12 months by this dry cleaning facility was 0 gallons. Used as a drop store

PART III: GENERAL CONTROL REQUIREMENTS

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

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

PART IV: PROCESS VENT CONTROLS

In Part II-A:

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

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

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

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

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

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

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

PART V: RECORDKEEPING REQUIREMENTS

Has the responsible official:
(check appropriate boxes)

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

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 ☑NA

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

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

Hose connections, fitting couplings, and valves	☐Y	☐N	☑NA	Muck cookers	☐Y	☐N	☑NA
Door gaskets and seating	☐Y	☐N	☑NA	Stills	☐Y	☐N	☑NA
Filter gaskets and seating	☐Y	☐N	☑NA	Exhaust dampers	☐Y	☐N	☑NA
Pumps	☐Y	☐N	☑NA	Diverter valves	☐Y	☐N	☑NA
Solvent tanks and containers	☐Y	☐N	☑NA	Cartridge Filter housing	☐Y	☐N	☑NA
Water separators	☐Y	☐N	☑NA				

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

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

If using direct-reading instrumentation, is the equipment:

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

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

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

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

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

Margaret Hennis
Inspector's Name (Please Print)

5/27/99
Date of Inspection

Margaret O. Hennis
Inspector's Signature

5/2000
Approximate Date of Next Inspection

ADDITIONAL SITE INFORMATION:

No drycleaning machines on site any more. Owner wants to keep air permit. Still has boiler and some presses. Used as a drop store.

Perchloroethylene Dry Cleaning Facility Notification

Facility Name and Location

1. Facility Owner/Company Name (Name of corporation, agency, or individual owner):
   Drive Thru cleaners of Pinellas, Inc
2. Site Name (For example, plant name or number):
   0181A East Bay cleaners
3. Hazardous Waste Generator Identification Number:
   FLD982076408
4. Facility Location:
   Street Address: 2519 McMullen Booth Rd #512
   City: clearwater, Fla County: Pinellas Zip Code: 34621
5. Facility Identification Number (DEP Use):
   1030321

Responsible Official

6. Name and Title of Responsible Official:
   Michael C. Shapiro owner/president
7. Responsible Official Mailing Address:
   Organization/Firm: Drive Thru cleaners
   Street Address: 2519 McMullen Booth Rd #512
   City: clearwater, Fla County: Pinellas Zip Code: 34621
8. Responsible Official Telephone Number:
   Telephone: (813) 726-0122 Fax: (813) 319-9429

Facility Contact (If different from Responsible Official)

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

RECEIVED
AUG 30 1996
Bureau of Air Monitoring & Mobile Sources

#1030321

East Bay Cleaners

– spoke with Michael Shapiro –
9/24/96

p.14 1.(a) change "1991" to "1992"
1.(c) mark out "X" and initial
3. Should be new large area source
p.15 4. Should be new large area source
w/refrig. con.
5.(d) mark out "V" and initial;
not required

Facility Information

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

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-92*
Dry-to-Dry Unit									
(1) w/ ref. condenser	#1	1991	original						
(2) w/ carbon adsorber									
(3) w/ no controls									
Washer Unit									
(4) w/ ref. condenser									
(5) w/ carbon adsorber									
(6) w/ no controls									
Dryer Unit									
(7) w/ ref. condenser									
(8) w/ carbon adsorber									
(9) w/ no controls									
Reclaimer Unit									
(10) w/ ref. condenser									
(11) w/carbon adsorber									
(12) w/ no controls									

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

(c) No control devices are required to be installed [X]

2.(a) What was the total quantity of perchloroethylene (perc) purchased in the latest 12 months?
[385.2] gallons July 95-July 96

(b) If less than 12 months, how many? [ ] months
Check why it is less than 12 months: New owner: [ ] New store: [ ] Did not keep records: [ ]

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

New large s.c.

Existing small area source [ ] New small area source [ ]

Existing large area source [X] New large area source [ ]

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

Existing large area source			
Carbon adsorber	[ ]	Refrigerated condenser	[X]
New small area source			
Refrigerated condenser	[ ]		
New large area source			
Refrigerated condenser	[ ]		

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

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

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

Equipment Monitoring and Recordkeeping Information

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

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

Surrender of Existing Air Permit(s)

Please indicate with an "X" the appropriate selection:

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

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

Responsible Official Certification

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

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

Signature

8/28/96
Date

EX A

TITLE V AIR QUALITY AIR GENERAL PERMIT
INSPECTION SUMMARY REPORT

TYPE OF INSPECTION: ANNUAL ☑ COMPLAINT/DISCOVERY ☐ RE-INSPECTION ☐

TIME IN: 12:30p.m.	TIME OUT: 12:45p.m.	AIRS ID# **1030321 001**
TYPE OF FACILITY:	**Perchloroethylene Dry Cleaner**	
FACILITY NAME:	**Drive Thru Cleaners (East Bay Dry Cleaners)**	DATE: **May 22, 1997**
FACILITY LOCATION :	**2519 McMullen Booth Rd. #512, Clearwater, FL 34621**	
RESPONSIBLE OFFICIAL:	**MICHAEL SHAPIRO**	PHONE NUMBER: **813-726-0122**

☑ 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:

Comments:
Drop off facility only. Michael Shapiro wants to keep the permit active in case he moves a dry-dry machine in the facility.

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

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

INSPECTION CONDUCTED BY: Jeffrey Morris (Please Print)

INSPECTOR'S SIGNATURE: Jeffrey Morris PHONE NUMBER: 464-4422

AIRS ID#: 1030321

ACC

Revised 10/10/9

DRY CLEANER AIR QUALITY GENERAL PERMIT
ANNUAL COMPLIANCE CERTIFICATION FORM

FACILITY NAME: East Bay Cleaners DATE: 6/10/97

FACILITY LOCATION: 2519 McMullen Booth Rd #512
Clearwater, FL 34621

Annual Reporting Period: May 22, 1996 TO May 22, 1997

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

If NO, complete the following:

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

Exact period of non-compliance: from _____ to _____

Action(s) taken to achieve compliance: _____

Method used to demonstrate compliance: _____

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

Exact period of non-compliance: from _____ to _____

Action(s) taken to achieve compliance: _____

Method used to demonstrate compliance: _____

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

RESPONSIBLE OFFICIAL: Michael Shapiro _____ 6/16/97
Name (Please Print) Signature Date

* Facility does not have a machine. Owner to continue the permit

RECEIVED
JUN 19 1997

*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.

Bureau of Air Monitoring & Mobile Sources

Date: 30/06/1997 9:57:15 AM
From: Margaret Hennis
Subject: Our Cleaners (formerly Pacer)
To: bowman_s

We received a copy of the TVgp for "Our Cleaners", and wanted to check with you to see whether or not you were aware that "Our Cleaners" (ARMS# 1030382), at 3163 5th Ave. N, St. Petersburg, was formerly owned and operated by Pacer with the ARMS# 1030345 assigned to it at the same address. Does DEP typically assign new ARMS #'s to facilities when thay change ownership?

Thanks...

RF

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. Zul Valjt, President
Flamingo Dry Cleaners
7613 49th Street North
Pinellas Park, Florida 33781

Re: Facility No.: 1030383

Dear Mr. Valjt:

The Department has received the Title V General Permit Notification Form for the dry cleaning facility that you submitted on May 9, 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,

for Dotty Diltz, Chief
Bureau of Air Monitoring
and Mobile Sources

DD/jw

cc: Mr. Gary Robbins, Pinellas County

Exempt (for time being) per Pinellas County

PERCHLOROETHYLENE DRY CLEANERS

TITLE V GENERAL PERMIT
COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION: ANNUAL ☑ COMPLAINT/DISCOVERY ☐
RE-INSPECTION ☐

AIRS ID#: 1030321 TIME IN: 12:30 p.m. TIME OUT: 12:45 p.m.
FACILITY NAME: East Bay Cleaners
FACILITY LOCATION: 2519 McMullen Booth Rd #512
Clearwater, FL 34621

PART I: NOTIFICATION

(check appropriate box)

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

PART II: CLASSIFICATION

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

A.

1. Existing small area source ☐
   dry-to-dry only, x<140 gal/yr
   transfer only, x<200 gal/yr
   both types, x<140 gal/yr
   (constructed before 12/9/91)

2. New small area source ☐
   dry-to-dry only, x<140 gal/yr
   transfer only, x<200 gal/yr
   both types, x<140 gal/yr
   (constructed on or after 12/9/91)

3. Existing large area source ☐
   dry-to-dry only, 140<x<2, 100 gal/yr
   transfer only, 200<x<1,800 gal/yr
   both types, 140<x<1,800 gal/yr
   (constructed before 12/9/91)

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

Not Applicable

This is a correct facility classification ☐Y ☐N

If no, please check the appropriate classification:

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

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

PART III: GENERAL CONTROL REQUIREMENTS

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

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

Non Applicable

PART IV: PROCESS VENT CONTROLS

In Part II-A:

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

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

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

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

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

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

Non Applicable

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

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

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

PART V: RECORDKEEPING REQUIREMENTS

Has the responsible official:
(check appropriate boxes)

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

PART VI: LEAK DETECTION AND REPAIRS

1. Does the responsible official conduct a weekly leak detection and repair inspection?	☐Y	☐N
2. Which method of detection is used by the responsible official?		
Visual examination (condensed solvent on exterior surfaces)	☐	
Physical detection (airflow felt through gaskets)	☐	
Odor (noticeable perc odor)	☐	
Use of direct-reading instrumentation (FID/PID/calorimetric tubes)	☐	

If using direct-reading instrumentation, is the equipment:

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

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

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

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

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

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

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

Non Applicable

	Leak Detected?			Leak Detected?	
Hose connections, fittings, couplings, and valves	☐Y	☐N	Muck cookers	☐Y	☐N
Door gaskets and seating	☐Y	☐N	Stills	☐Y	☐N
Filter gaskets and seating	☐Y	☐N	Exhaust dampers	☐Y	☐N
Pumps	☐Y	☐N	Diverter valves	☐Y	☐N
Solvent tanks and containers	☐Y	☐N	Cartridge filter housings	☐Y	☐N
Water separators	☐Y	☐N			

Michael Shapiro
Name of Responsible Official

Jeffrey Morris
Inspector's Name (Please Print)

Jeffrey Morris
Inspector's Signature

May 22, 1997
Date of Inspection

October 15, 1997
Approximate Date of Next Inspection

ADDITIONAL SITE INFORMATION:

- Drop off only
- Dry-Dry machine moved since 1/1/97. Michael Shapiro stated that he wants to keep his GP active at this facility.

TITLE V AIR QUALITY AIR GENERAL PERMIT
INSPECTION SUMMARY REPORT

TYPE OF INSPECTION: ANNUAL ☐ COMPLAINT/DISCOVERY ☑ RE-INSPECTION ☐

AIRS ID#: 1030321 001 **DATE:** 6/15/98 **TIME IN:** 10:00 **TIME OUT:** 10:15

FACILITY NAME: Drive Thru Cleaners (East Bay Dry Cleaners)

FACILITY LOCATION: 2519 McMullen Booth Rd. #512
Clearwater, FL, 34621

RESPONSIBLE OFFICIAL: Michael Shapiro Phone No.: 813-726-0122

Permit No. 1030321-001-AG Exp. Date: 09/24/2001

— used as a drop-off

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

☐ Based on the results of the compliance requirements evaluated during this inspection, the following compliance **discrepancies** were noted (only items which are checked):

Inspection Summary Report Guidance

	Compliance Requirement/Problem	Follow-up Action Required
☐	Did not have a start-up, shutdown, malfunction (SSM) plan in place, along with associated recordkeeping, on site.	If no specific procedures are available from the manufacturer, develop a SSM plan that describes procedures for maintaining and operating equipment during periods of start-up and shutdown associated with a malfunction. EPA's O&M manual may be used if no manufacturers information is available. Keep log of maintenance actions
☐	Purchase receipts were not maintained properly.	Maintain all purchase receipts in a log kept on-site for determination of perchloroethylene solvent consumption.
☐	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: No dry cleaning machine is on-site.

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

Inspection Conducted by: **Margaret Hennis**

Inspector's Signature: Margaret V. Hennis

Phone Number: 464-4422

PERCHLOROETHYLENE DRY CLEANERS
TITLE V GENERAL PERMIT
COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION: ANNUAL ☑ COMPLAINT/DISCOVERY ☐
RE-INSPECTION ☐

AIRS ID#: 1030321 001 **DATE:** 4/15/98 **TIME IN:** 10:00 **TIME OUT:** 10:15

FACILITY NAME: Drive Thru Cleaners (East Bay Dry Cleaners)

FACILITY LOCATION: 2519 McMullen Booth Rd. #512
Clearwater, FL, 34621

RESPONSIBLE OFFICIAL: Michael Shapiro **PHONE:** 813-726-0122

CONTACT: _____ **PHONE:** _____

PART I: NOTIFICATION

(Check appropriate box)

1. New facility notified DARM 30 days prior to startup ☐
2. Facility failed to notify DARM to use general permit ☐

PART II: CLASSIFICATION Being used as a drop store - no machine on site

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

☐ No notification form
☑ Drop store / out of business / petroleum

Presses & boilers are on site.

A.

1. **Existing small area source** ☐
dry-to-dry only, x<140 gal/yr
transfer only, x<200 gal/yr
both types, x<140 gal/yr
(Constructed before 12/9/91)

2. **New small area source** ☐
dry-to-dry only, x<140 gal/yr
transfer only, x<200 gal/yr
both types, x<140 gal/yr
(Constructed on or after 12/9/91)

3. **Existing large area source** ☐
dry-to-dry only, 140<x<2,100 gal/yr
transfer only, 200<x<1,800 gal/yr
both types, 140<x<1,800 gal/yr
(Constructed before 12/9/91)

4. **New large area source** ☐
dry-to-dry only, 140<x<2,100 gal/yr
transfer only, 200<x<1,800 gal/yr
both types, 140<x<1,800 gal/yr
(Constructed on or after 12/9/91)

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

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

B. The total quantity of perchloroethylene (perc) purchased within the preceding 12 months by this dry cleaning facility was 0 gallons.

PART III: GENERAL CONTROL REQUIREMENTS

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

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

PART IV: PROCESS VENT CONTROLS

In Part II-A:

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

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

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

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

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

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

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

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

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

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

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

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

. 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

. Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils? ☐Y ☐N ☐NA

. Routed airflow to the carbon adsorber (if used) at all times? ☐Y ☐N ☐NA

'ART V: RECORDKEEPING REQUIREMENTS

Ias the responsible official:
:heck appropriate boxes)

. Maintained receipts for perc purchased? ☐Y ☐N

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

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

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

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

. Maintained calibration data? *(for direct reading instrument only)* ☐Y ☐N ☐NA

. Maintained exhaust duct monitoring data on perc concentrations? ☐Y ☐N

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

. Maintained deviation reports? ☐Y ☐N

Problem corrected? ☐Y ☐N

. Maintained compliance plan, if applicable? ☐Y ☐N ☐NA

PART VI: LEAK DETECTION AND REPAIRS

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

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

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

If using direct-reading instrumentation, is the equipment:

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

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

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

Hose connections, fitting couplings, and valves	☐Y ☐N	Muck cookers	☐Y ☐N
Door gaskets and seating	☐Y ☐N	Stills	☐Y ☐N
Filter gaskets and seating	☐Y ☐N	Exhaust dampers	☐Y ☐N
Pumps	☐Y ☐N	Diverter valves	☐Y ☐N
Solvent tanks and containers	☐Y ☐N	Cartridge Filter housing	☐Y ☐N
Water separators	☐Y ☐N		

Michael Shapiro
Name of Responsible Official

Margaret Henris
Inspector's Name (Please Print)

~~5/99~~ 4/15/98
Date of Inspection

Margaret V. Henris
Inspector's Signature

5/99
Approximate Date of Next Inspection

TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF INSPECTION: ANNUAL ☑ COMPLAINT/DISCOVERY ☐ RE-INSPECTION ☐

AIRS ID#: 1030321 DATE: 1/5/00 TIME IN: 14:15 TIME OUT: 14:20

FACILITY NAME: Drive Thru Cleaners (East Bay)

FACILITY LOCATION: 2519 McMullen Booth Rd. #512
Clearwater FL 34621

RESPONSIBLE OFFICIAL: Michael Shapiro Phone No.: 726-0122

Permit No. 1030321 Exp. Date: _____

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

☐ Based on the results of the compliance requirements evaluated during this inspection, the following compliance discrepancies were noted (only items which are checked):

Inspection Summary Report Guidance

	Compliance Requirement/Problem	Follow-up Action Required
☐	Did not have a start-up, shutdown, malfunction (SSM) plan in place, along with associated recordkeeping, on site.	If no specific procedures are available from the manufacturer, develop a SSM plan that describes procedures for maintaining and operating equipment during periods of start-up and shutdown associated with a malfunction. EPA's O&M manual may be used if no manufacturers information is available. Keep log of maintenance actions
☐	Purchase receipts were not maintained properly.	Maintain all purchase receipts in a log kept on-site for determination of perchloroethylene solvent consumption.
☐	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.

* (see comments)

☐	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: No dry cleaning or pressing done on site. Still has boiler, but no dry cleaning machine. (Walked through building.)

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.

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

Inspection Conducted by: Margaret Hennis (Please Print)

Inspector's Signature: Margaret V. Hennis

Phone Number: 464-4422 Date of next Inspection: 1/01 (Approximate)

BEST AVAILABLE COPY

PERCHLOROETHYLENE DRY CLEANERS
TITLE V GENERAL PERMIT
COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION: ANNUAL ☑ COMPLAINT/DISCOVERY ☐
RE-INSPECTION ☐

AIRS ID#: 1030391 **DATE:** 1/5/00 **TIME IN:** 14:15 **TIME OUT:** 14:20

FACILITY NAME: Drive Thru Cleaners (East Bay)

FACILITY LOCATION: 2519 McMullen Booth Rd. #512
Clearwater, FL

RESPONSIBLE OFFICIAL: Michael Shapiro **PHONE:** 726-0122

CONTACT: _____ **PHONE:** _____

PART I: NOTIFICATION

(Check appropriate box)

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

PART II: CLASSIFICATION

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

☐ 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 on or after 12/9/91)

3. **Existing large area source** ☐
dry-to-dry only, 140<x<2,100 gal/yr
transfer only, 200<x<1,800 gal/yr
both types, 140<x<1,800 gal/yr
(Constructed before 12/9/91)

4. **New large area source** ☐
dry-to-dry only, 140<x<2,100 gal/yr
transfer only, 200<x<1,800 gal/yr
both types, 140<x<1,800 gal/yr
(Constructed on or after 12/9/91)

This is a correct facility classification: ☐Y ☐N ☑Can not determine (machine is gone)

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

B. The total quantity of perchloroethylene (perc) purchased within the preceding 12 months by this dry cleaning facility was 0 gallons.

PART III: GENERAL CONTROL REQUIREMENTS

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

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

PART IV: PROCESS VENT CONTROLS

In Part II-A:

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

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

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

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

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

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

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

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

2. Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly? ☐Y ☐N ☐NA
   Is the temperature differential equal to or greater than 20° F? ☐Y ☐N ☐NA

3. Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is venting to the adsorber, if machines are equipped with a carbon adsorber? ☐Y ☐N ☐NA
   Is the perc concentration equal to or less than 100 ppm? ☐Y ☐N ☐NA

4. Assured that the sampling port on the carbon adsorber exhaust for measuring perc. concentrations is at least 8 duct diameters downstream of any bend, contraction, or expansion; is at least 2 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 ☑NA
2. Maintained rolling monthly averages of perc consumption? ☐Y ☐N ☑NA
3. Maintained leak detection inspection and repair reports for the following:
   a. documentation of leaks repaired w/in 24 hrs? or; ☐Y ☐N ☑NA
   b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt? ☐Y ☐N ☑NA
4. Maintained calibration data? (*for direct reading instrument only*) ☐Y ☐N ☑NA
5. Maintained exhaust duct monitoring data on perc concentrations? ☐Y ☐N ☑NA
6. Maintained startup/shutdown/malfunction plan? ☐Y ☐N ☑NA
7. Maintained deviation reports? ☐Y ☐N ☑NA
   Problem corrected? ☐Y ☐N ☑NA
8. Maintained compliance plan, if applicable? ☐Y ☐N ☑NA

PART VI: LEAK DETECTION AND REPAIRS

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

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

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

Hose connections, fitting couplings, and valves	☐Y ☐N ☒NA		Muck cookers	☐Y ☐N ☒NA	
Door gaskets and seating	☐Y ☐N ☒NA		Stills	☐Y ☐N ☒NA	
Filter gaskets and seating	☐Y ☐N ☒NA		Exhaust dampers	☐Y ☐N ☒NA	
Pumps	☐Y ☐N ☒NA		Diverter valves	☐Y ☐N ☒NA	
Solvent tanks and containers	☐Y ☐N ☒NA		Cartridge Filter housing	☐Y ☐N ☒NA	
Water separators	☐Y ☐N ☒NA				

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

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

If using direct-reading instrumentation, is the equipment:

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

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

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

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

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

Margaret Hennis
Inspector's Name (Please Print)

1/5/00
Date of Inspection

Margaret V. Hennis
Inspector's Signature

1/01
Approximate Date of Next Inspection

ADDITIONAL SITE INFORMATION:

Walked through building. No dry cleaning machines Employee states presses are not used. Boiler is still on site (per employee). Inspector did not take in boiler room. MD

When last spoke w/ Mr. Shapiro, he stated he wanted to retain permit.

2/12/97

Dear Sirs,

Please make note that AIRS ID # 1030321, Drive Thru Cleaners of Pinellas, INC, at 2519 McMullen Booth Rd #512, Clearwater, Fla 34621 is not run as a Dry clean plant any longer. This took place 1/1/97.

If you need anything further please call me at 813-393-5684

Gail Shapiro

Thank you

A letter is also being sent to Dept. of ENV. Protection concerning this.

THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING 260671

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

RECEIVED
MAIL ROOM
FEB 17 97

TOTAL AMOUNT DUE: $50.00

NOT PD
See attached note

Do NOT Remove Label

AIRS ID# 1030321
DRIVE THRU CLEANERS OF PINELLAS INC
MICHAEL C SHAPIRO
2519 MCMULLEN BOOTH ROAD
CLEARWATER FL 34621

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

Z 210 663 021

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to

10 AIRS ID # 1030321001AG
MICHAEL C SHAPIRO
EAST BAY CLEANERS
2519 MCMULLEN BOOTH ROAD
CLEARWATER FL 34621

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

PS Form **3800**, April 1995

Fold at line over top of

SEND COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

10 AIRS ID # 1030321001AG
MICHAEL C SHAPIRO
EAST BAY CLEANERS
2519 MCMULLEN BOOTH ROAD
CLEARWATER FL 34621

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)* B. Date of Delivery 6-9-01

C. Signature
X [signature] ☐ Agent ☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

RECEIVED
JUN 13 2001
Bureau of Air Monitoring & Mobile Sources

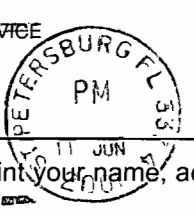
3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number *(Copy from service label)*
Z 210 663 021

PS Form **3811**, July 1999 Domestic Return Receipt 102595-99-M-1789

UNITED STATES POSTAL SERVICE



First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

BUR. OF AIR MONITORING & MOBILE SOURCES
DEPT. OF ENVIRONMENTAL PROTECTION
MAIL STATION 5510
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400

01