

Department of Environmental Protection

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

Virginia B. Wetherell Secretary

February 3, 1998

Ms. Betty Stefani Betty's Launderette 8101 4th Street North St. Petersburg, Florida 33702

Re: Facility No.: 1030413

Dear Ms. Stefani:

The Department has received the Title V General Permit Notification Form for the dry cleaning facility that you submitted on January 9, 1998.

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,

Dotty Diltz, Chief

Bureau of Air Monitoring and Mobile Sources

DD/jw

cc: Mr. Gary Robbins, Pinellas County

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

| , h | |
|-----------|---------|
| ÀIRS ID#: | 1030413 |

RECEIVED

DRY CLEANER AIR QUALITY GENERAL PERMIT

| ANNUAL COMPLIANCE CERTIFICATION FORM Bureau of Air Monitoring & Mobile Sources |
|--|
| FACILITY NAME: Betty's Launderette DATE: 12/5/97 |
| FACILITY LOCATION: 8101 4th St N |
| St. Petersburg, FL 33702 |
| Annual Reporting Period: December 5, 1996 TO December 5, 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: |
| Facility did not apply for a Title V General |
| Exact period of non-compliance: from <u>December 5, 1996</u> to <u>December 5, 1997</u> |
| Action(s) taken to achieve compliance: Dry cleaning facilities that use |
| Action(s) taken to achieve compliance: Dry Cleaning facilities that use Perchloroethylene shall apply for a Title v General Air Permit. |
| #2. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above: |
| Facility did not maintain a leak detection lo |
| Exact period of non-compliance: from <u>December 5, 1996</u> to <u>December 5, 1997</u> |
| Action(s) taken to achieve compliance: Maintain a leak log on a bi-week |
| Method used to demonstrate compliance: 10 0.5 i.5. |
| |
| 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: ELIZABETH STEFAN, ObjULL Stefan 12/5/97 Name (Please Print) Signature Date |
| Date |

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

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

| FACILITY NAME: Bett | y's Launderette | DATE: 12/5/95 |
|---|---|--|
| FACILITY LOCATION: 810 | (4th St N | |
| , | . Petersburg, FL | 33702 |
| | | |
| Annual Reporting Period: December | per 5, 1996 to 3 | December 5, 1997 |
| Based on each term or condition of the Title 62-213,300, Florida Administrative Code (F. | | |
| If NO, complete the following: | | |
| #1. Term or condition of the general permit | that has not been in continuous compliance | re during the reporting period stated above: |
| Purchase receip | ts not mainta | ined as a |
| twelve month r Exact period of non-compliance: from | ts not mainta | unging total) December 5, 1999 |
| 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 complianc | re during the reporting period stated above: |
| Exact period of non-compliance: from | £ | RECEIVED |
| Action(s) taken to achieve compliance: | | |
| Method used to demonstrate compliance: | <u> </u> | Bureau of Air Monitoring |
| · · · · · · · · · · · · · · · · · · · | | & Mobile Sources |
| As the responsible official, I hereby certify, be made in this notification are true, accurate a upon rolling averages of purchase receipts, of year for transfer or combination facilities. RESPONSIBLE OFFICIAL: | and complete. Further, my annual consum does not exceed 2,100 gallons per year for STEFAN 1 | ption of perchloroethylene solvent, based |
| Nan | ne (Please Print) | Date / 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 | COMPLAINT/DISCOVERY ☑ | RE-INSPECTION □ |
|--|--|--|
| TIME IN: 1:30 p.m. TIME | OUT: 3:30 p.m. | AIRS ID# 1030413 |
| TYPE OF FACILITY: Perchloroethyle | ne Dry Cleaner | |
| FACILITY NAME: Betty's Launde | erette DATE: D | ecember 5, 1997 |
| FACILITY LOCATION: 8101 44th St. N | I, St. Petersburg, FL 33702 | |
| RESPONSIBLE OFFICIAL: Betty Stefani | PHONE NUMBE | R: (813) 576-6495 |
| □ Based of the results of the compliance requ to be in compliance with DEP Rule 62-213 Based on the results of the compliance requ compliance discrepancies were noted: | 3.300, Florida Administrative Code | e (F.A.C.). |
| COMPLIANCE REQUIREMENT/PROBLEM | M FOLLOW-UP AC | TION REQUIRED |
| Did not apply for a Title V General Air Permit. | For each facility intending to ope a Title V air general permit, the r submit the correct notification fo permit to be utilized. Inspector a for the permit. | esponsible official must rm for the specific general |
| Monthly purchase records were not maintained as a twelve month rolling average. | Develop and implement a record maintains monthly purchases (perolling average. | |
| Did not maintain a log of leak detection inspection and repair records. | Develop and implement a leak do repair program. Maintain a log of and repair records. | <u>-</u> |
| Comments: Facility did not apply for a Title V GP. | | |
| The Annual Compliance Certification form has been proper DATE OF NEXT INSPECTION: | rly certified and submitted to the inspecto December 19, 1997 (Approximate) | r. Yes ⊠ No □ |
| INSPECTION CONDUCTED BY: | Jett Morris | |
| | PHONE NUMBER:_ Page of C | 464-4422 Revised 10/9 |

Revised 10/96

RECEIVED

JAN 9 1998

Perchloroethylene Dry Cleaning Facility Notification

Bureau of Air Monitoring & Mobile Sources

Facility Name and Location

| 1. Facility Owner/Company Name (Name of corporation, agency, or individual owner): |
|--|
| Rottile Launderatte |
| 2. Site Name (For example, plant/name or number): |
| |
| |
| 3. Hazardous Waste Generator Identification Number: |
| FLDCESQG |
| 4. Facility Location: |
| Street Address: \$101 4th 5t N. City: St. Petersburg, Fl.County: Pinellas Zip Code:33702 |
| Se receised give the vest of t |
| 35 (Eacility Identification Number (DEP. Use) |
| |
| |
| Responsible Official |
| 6. Name and Title of Responsible Official: |
| |
| Betty Stefani, Owner 7. Responsible Official Mailing Address:/ Organization/Firm: Betty's Lounderette Street Address: 8101 4th St. N. City: St. Petersburg 1 FL County: Pinellas Zip Code: 33702 |
| 7. Responsible Official Mailing Address: |
| Street Address: Stat 1166 St N. |
| City: St. Petersburg 1 FL County: Pinellas Zip Code: 33702 |
| |
| 8. Responsible Official Telephone Number: Telephone: (813) 576-6495 Fax: (813) 576-5993 |
| (0,3,2,6,6,1,9) |
| |
| Facility Contact (If different from Responsible Official) |
| 9. Name and Title of Facility Contact (For example, plant manager): |
| |
| 10. Facility Contact Address: |
| 10. Facility Contact Address. |
| Street Address: |
| City: County: Zip Code: |
| 11. Facility Contact Telephone Number: |
| Telephone: () - Fax: () - |
| |

A Profit in the second state of the second sta

1030\$13

| | 1030\$13 |
|---------|--|
| | |
| 1/16/98 | Spoke to Betty Stefani (owner) |
| , , | and she stated the original |
| | surlase date for her dry |
| | surchase date for her dry cleaning machine is February |
| | 1986 |
| | |
| 014 6 | Correct dates Should read |
| - J | February 1986 for initial purchase date and control device install date. |
| | and control device install date. |
| | |
| 16 | Responsible Official signand dete for changes. |
| 7-1 | hor changes |
| • | 7/- 5-50 4-10-705, |
| | |
| | |
| | |
| | |
| | |
| | |

Facility Information

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

| | | Date | Date | | Date | Date | | Date | Date |
|---|-------|-----------|-----------|-------|---------------|-----------|----|-----------|-----------|
| | | Machine | Control | | Machine | Control | l | Machine | Control |
| | | Initially | Device | | Initially | Device | | Initially | Device |
| Type of Machine | ID | Purchased | Installed | ID | Purchased | Installed | ID | Purchased | Installed |
| Example | #1 | 03-OCT-93 | 12-NOV-93 | #2 | 08-DEC-91 | | #3 | 02-MAR-92 | 02-MAR-92 |
| Dry-to-Dry Unit | | | | | | | | | · |
| (1) w/ ref. condenser | | 15-111N95 | 15-JUN-98 | | | | | <u> </u> | |
| (2) w/ carbon adsorber | | 1 2 3 1 | | | | | | | |
| (3) w/ no controls | | | | 1 | | | | | |
| Washer Unit | | • | • | | | - | | · | |
| (4) w/ ref. condenser | | | | | Ĭ | | | | |
| (5) w/ carbon adsorber | | | | | | : | | | |
| (6) w/ no controls | | | | | | | | | 1 |
| Dryer Unit | | | | | | | | | |
| (7) w/ ref. condenser | | | | | | | | | |
| (8) w/ carbon adsorber | | | | | | | | | |
| (9) w/ no controls | | | | | | | | 1 | |
| Reclaimer Unit | :. | | • | | | • | | _ | |
| (10) w/ ref. condenser | | | | | | | | | |
| (11) w/carbon adsorber | | | | | | | - | | |
| (12) w/ no controls | | | | | | | | | |
| (b) Control devices are required, but not yet installed [] (has refrigerated condenser) (c) No control devices are required to be installed [] | | | | | | | | | |
| 2.(a) What was the total quantity of perchloroethylene (perc) purchased in the latest 12 months? [| | | | | | | | | |
| (b) If less than 12 months, how many? [] months Check why it is less than 12 months: New owner: [] New store: [] Did not keep records: [] | | | | | | | | | |
| 3. What is the facility's source classification based on the definitions found in section (3) of Part II? (Indicate with an "X". Select one classification only.) | | | | | | | | | |
| Existing small area source [X] New small area source [] | | | | | | | | | |
| Existing large a | rea s | ource [] | . 1 | New 1 | arge area sou | ırce . [| ر | | |

| 4. What control technology is required on machines pursuant to section (5) of Part II of this notification form? (Indicate with an "X".) |
|---|
| Existing large area source Carbon adsorber Refrigerated condenser [] |
| New small area source Refrigerated condenser |
| New large area source Refrigerated condenser [] |
| existing small area source w/ refrigerated condenser |
| 5. A facility which contains non-exempt emissions units shall not be eligible to use the general permit pursuant to Rule 62-213.300, F.A.C. Verify that all steam and hot water generating units on-site meet the following exemption criteria or that no such units exist on-site: |
| All steam and hot water generating units on-site (1) have a total heat input of 10 million BTU/hr or less (298 boiler HP or less), and (2) are fired exclusively by natural gas except for periods of natural gas curtailment during which propane or fuel oil containing no more than one percent sulfur is fired. |
| All steam and hot water generating units exempt No such units on-site |
| |
| |
| Equipment Monitoring and Recordkeeping Information |
| Check all logs which are required to be kept on-site in accordance with the requirements of this general permit: |
| (a) Purchase receipts and solvent purchases |
| (b) Leak detection inspection and repair |
| (c) Refrigerated condenser temperature monitoring |
| (d) Carbon adsorber exhaust perc concentration monitoring |
| (e) Instrument calibration |
| (f) Start-up, shutdown, malfunction plan |

Surrender of Existing Air Permit(s)

| ease 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) | | |
| 內 | No air permits currently exist for the operation of the facility indicated in this notification form. | | |
| | Responsible Official Certification | | |
| this notij statemer maintair | dersigned, am the responsible official, as defined in Part II of this form, of the facility addressed in fication. I hereby certify, based on information and belief formed after reasonable inquiry, that the ats made in this notification are true, accurate and complete. Further, I agree to operate and a the air pollutant emissions units and air pollution control equipment described above so as to with all terms and conditions of this general permit as set forth in Part II of this notification form. | | |
| I will pr | omptly notify the Department of any changes to the information contained in this notification. | | |
| | lighete Stefani 12/5/97 Date | | |

TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

|] | TYPE OF INSPECTION: ANNUAL 🚨 COM | PLAINT/DISCOVERY 🗆 RE-INSPECTION 🗹 | | | | | |
|--------|--|---|--|--|--|--|--|
| | AIRS ID#: 1030413 001 DATE: 2/4/ FACILITY NAME: Betty's Launderette FACILITY LOCATION: 8101 4th St. N | 93 TIME IN: 10:45a.m TIME OUT: 11:15a.m. | | | | | |
| | St. Petersburg, FL | | | | | | |
| | RESPONSIBLE OFFICIAL: Mr. Betty Stefani | Phone No.: <u>576-6495</u> | | | | | |
| | Permit No1030413-001-AG Exp. Date: | 11/21/2003 | | | | | |
| | 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 Sum | mary Report Guidance | | | | | |
| | Compliance Requirement/Problem Follow-up Action Required | | | | | | |
| | Compliance Requirement/Problem | Follow-up Action Required | | | | | |
|] | Compliance Requirement/Problem Did not have a start-up, shutdown, malfunction (SSM) plan in place, along with associated recordkeeping, on site. | Follow-up Action Required 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 | | | | | |
|)] | Did not have a start-up, shutdown, malfunction (SSM) | 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 | | | | | |
|]] | Did not have a start-up, shutdown, malfunction (SSM) plan in place, along with associated recordkeeping, on site. Purchase receipts were not maintained properly. Monthly purchase records were not maintained as a | 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 Maintain all purchase receipts in a log kept on-site for determination of | | | | | |
|)) | Did not have a start-up, shutdown, malfunction (SSM) plan in place, along with associated recordkeeping, on site. Purchase receipts were not maintained properly. Monthly purchase records were not maintained as a | 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 Maintain all purchase receipts in a log kept on-site for determination of perchloroethylene solvent consumption. Develop and implement a recordkeeping procedure that maintains | | | | | |
| | Did not have a start-up, shutdown, malfunction (SSM) plan in place, along with associated recordkeeping, on site. Purchase receipts were not maintained properly. Monthly purchase records were not maintained as a consecutive twelve month total. (December was looked) Could not confirm that temperature sensor was designed to | 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 Maintain all purchase receipts in a log kept on-site for determination of perchloroethylene solvent consumption. Develop and implement a recordkeeping procedure that maintains monthly purchases (perc) as a consecutive twelve month total. 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 | | | | | |

records.

Develop and implement a leak detection inspection and repair program. Maintain a log of leak detection inspection and repair

Did not maintain a log of leak detection inspection and repair records. (Specific parts were not logged) wh

| 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: Minor record keepi | <u>ng</u> | | | | |
| | · · · · · · · · · · · · · · · · · · · | | | | |
| 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 | y certified and submitted to the inspector. Yes M No 🗆 | | | | |
| Inspection Conducted by: | Jeff Morris | | | | |
| Inspector's Signature: 2/4/98 | | | | | |

DEPlest 12/97

PERCHLOROETHYLENE DRY CLEANERS

TITLE V GENERAL PERMIT
COMPLIANCE INSPECTION CHECKLIST

| TYPE OF INSPECTION: | ANNIIAI. | |
|---------------------|----------|--|

COMPLAINT/DISCOVERY

RE-INSPECTION

AIRS ID#: 1030413 DATE: 12/5/97 TIME IN: 1:30 p.m. TIME OUT: 3:30 p.m.

FACILITY NAME: Betty'S Laudecette

FACILITY LOCATION: 810 | 4th St. N

St. Petersburg, FL 33702

RESPONSIBLE OFFICIAL: Betty Stefani PHONE: 576-6495

CONTACT NAME: Betty Stefani PHONE: 576-6495

| PART I: NOTIFICATION | |
|---|------------------------|
| (check appropriate box) | |
| New facility notified DARM 30 days prior to startup | . 🗅 |
| 2. Facility failed to notify DARM to use general permit | $oldsymbol{\boxtimes}$ |

| | ! |
|--|--|
| | |
| PART II: CLASSIFICATION | |
| Facility indicated on notification form that it is: (check appropriate box) A. | ☐ No notification form ☐ Drop store/out of business/petroleum |
| 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, $140 \le x \le 2,100$ gal/yr transfer only, $200 \le x \le 1,800$ gal/yr both types, $140 \le x \le 1,800$ gal/yr (constructed before $12/9/91$) | 4. New large area source dry-to-dry only, $140 \le x \le 2,100$ gal/yr transfer only, $200 \le x \le 1,800$ gal/yr both types, $140 \le x \le 1,800$ gal/yr (constructed on or after $12/9/91$) |
| 5. This is a correct facility classification | □Y □N □Can not determine |
| If no, please check the appropriate classific facility qualified for a genuing the second subove limes. | |
| B. The total quantity of perchloroethylene (perc) pu facility was 77 gallons. | urchased 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? | DY ON ON/A |
| 2. Examining the containers for leakage? | MY ON ON/A |
| 3. Closing and securing machine doors except during loading/unloading? | MO YE |
| 4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal? | CY ON ON/A |
| 5. Maintaining solvent-to-carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications? | אואס אס צם |
| PART IV: PROCESS VENT CONTROLS | |
| In Part II-A: | |
| If classification 1 has been checked, no controls are required. Proceed to Part V | 7. |
| If classification 2 has been checked, the machine should be equipped with a refr (complete A below). | igerated condenser |
| . If classification 3 has been checked, the machine should be equipped with either condenser or a carbon adsorber (complete A and B below). Carbon adsorber mu installed prior to September 22, 1993 | |
| If classification 4 has been checked, the machine should be equipped with a refr (complete A and B below). | igerated condenser |
| A. Has the responsible official of all new sources and existing large area sources: (check appropriate boxes) | |
| 1. Equipped all machines with the appropriate vent controls? | מם צם |
| 2. Equipped dry-to-dry machines with a closed loop vapor venting system? | OY ON ON/A |
| 3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door? | מאם אם צם AV/A |
| 4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis? | אם אם |
| 5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser expected 45°F? | OY ON ON/A |
| 6. Conducted all temperature monitoring after an appropriate cooldown period and after verifying that the coolant had been completely charged? | · OY ON |

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| - | | |
|-----|---|--------------|
| В | 3. 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? | OY ON |
| 2. | . Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly? | DY ON ON/A |
| | Is the temperature differential equal to or greater than 20° F? | OY ON ON/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 verting to the adsorber, if machines are equipped with a carbon adsorber? | OY ON ON/A |
| | Is the perc concentration equal to or less than 100 ppm? | DY DN DN/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? | - A/NO NO YO |
| 5. | Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils? | OY ON ON/A |
| 6 | . Routed airflow to the carbon adsorber (if used) at all times? | OY ON ON/A |
| \ | | |
| P | ART V: RECORDKEEPING REQUIREMENTS | |
| | Has the responsible official: check appropriate boxes) | |
| 1 | . Maintained receipts for perc purchased? | NO Y |
| 2 | . Maintained rolling monthly averages of perc consumption? | OY OW |
| 3 | . Maintained leak detection inspection and repair reports for the following: | 1 |
| | a. documentation of leaks repaired w/in 24 hrs? or; | DY WIN DIN/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? | OY WN ON/A |
| 4 | . Maintained calibration data? (for applicable direct reading instruments) | OY ON BNA |
| 5 | . Maintained exhaust duct monitoring data on perc concentrations? | DY DN DONA |
| 6 | . Maintained startup/shutdown/malfunction plan? | QY DN |
| 7 | . Maintained deviation reports? | DAY ON BANK |
| | Problem corrected? | MY ON ONA |
| ∥ 8 | 3. Maintained compliance plan, if applicable? | DY DN BN/A |

| PART VI: LEAK DETECTION AND | REPAIRS | | |
|---|------------------------------|---------------------------------|-------------|
| 1. Does the responsible official conduct | a weekly (for small sources | s, bi-weekly) leak detection ar | nd repair |
| inspection? | | | MY ON |
| 2. Has the facility maintained a leak log | <u>,</u> ? | | DY WN |
| 3. Does the responsible official check the | ne following areas for leaks | ? | |
| Hose connections, fittings, couplings, and valves | DY ON ON/A | Muck cookers | MY ON ON/A |
| Door gaskets and seating | DY ON ON/A | Stills | אואם אם אוא |
| Filter gaskets and seating | DY ON ON/A | Exhaust dampers | AINO NO YE |
| Pumps | DY DN DNA | Diverter valves | אואם אם אוא |
| Solvent tanks and containers | DY ON ONA | Cartridge filter housings | אואם אם צעם |
| Water separators | DY ON ONA | | |
| 4. Which method of detection is used by | the responsible official? | | / |
| Visual examination (condensed | © / | | |
| Physical detection (airflow felt | 5 | | |
| Odor (noticeable perc odor) | | | ₽ |
| Use of direct-reading instrumen | ntation (FID/PID/calorimetr | ric tubes) | |
| Halogen leak detector | • | • | |
| If using direct-reading ins | strumentation, is the equip | ment: | DN/A. |
| a. Capable of detectin | g perc vapor concentrations | in a range of 0-500 ppm? | DY DN |
| b. Calibrated against (PID/FID only)? | a standard gas prior to and | after each use | OY ON |
| c. Inspected for leaks | OY ON | | |
| d. Kept in a clean and | secure area when not in us | se? | OY ON |
| e. Verified for accura | cy by use of duplicate samp | les (calorimetric only)? | ND YD |
| | | | |
| | | | |

8865

Inspector's Name (Please Plint)

Date of Inspection

12/5/97

Date of Inspection

Approximate Date of Next Inspection

Miraclean Model 125-T Serial#7482 Mfg date: 1985

- purchase receipts maintained
- not maintained as a rolling average
- leak log not maintained.

PENCHLOROETHYLENE DRY CLEANLAS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

| TYPE OF INSPECTION: | ANNUAL 🖵 COMP | PLAINT/DISCOVERY RE-INSPECTION | <u></u> |
|--|---|---|-------------|
| AIRS ID#: 0413 001 | DATE: _2/4/ | 48 TIME IN: 10-45 au TIME OUT: 11:14 | Oaim. |
| FACILITY NAME: | Betty's Launderette | | |
| FACILITY LOCATION: | 8101 4th St. N | <u> </u> | |
| | St. Petersburg, FL | | |
| RESPONSIBLE OFFICIAL: | Mr. Betty Stefani | Phone No.: 576-6495 | |
| Permit No. 1030413-001- | AG Exp. Date: | 11/21/2003 | |
| | | | |
| PART I: NOTIFICATION | | | |
| (Check appropriate box) | | | |
| 1. Existing facility notified D | OARM by 9/1/96 | | |
| 2. New facility notified DAR | M 30 days prior to startu | р | ر |
| 3. Facility failed to notify DA | ARM to use general perm | it | \square |
| <u> </u> | | | |
| PART II: CLASSIFICATION | ON | | |
| Facility indicated on notificat (Check appropriate box) | ion form that it is: | ☐ No notification form☐ Drop store / out of business / petroleum | |
| A. 1. Existing small area so dry-to-dry only, x<140 gatransfer only, x<200 gal/y both types, x<140 gal/yr (Constructed before 12/9) | al/yr yr | 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 so dry-to-dry only, 140 < x < 2 transfer only, 200 < x < 1,80 both types, 140 < x < 1,800 (Constructed before 12/9) | 2,100 gal/yr 00 gal/yr gal/yr | 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 class | ification: YY N | Can not determine | |
| If no, please check the appro | priate classification: | | |
| | or a general permit as nun ove limits and is not eligi | | |
| B. The total quantity of percle cleaning facility was | hloroethylene (perc) purch | hased within the preceding 12 months by this dry | |

| | _ |
|---|---|
| PART III: GENERAL CONTROL REQUIREMENTS | |
| Is the responsible official of the dry cleaning facility: (check appropriate boxes) | / |
| 1. Storing perchloroethylene in tightly sealed and impervious containers? | My ON |
| 2. Examining the containers for leakage? | Øy □N |
| 3. Closing and securing machine doors except during loading/unloading? | ØY □N |
| 4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal? | MY ON |
| 5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications? | OY ON MA |
| PART IV: PROCESS VENT CONTROLS | |
| In Part II-A: | |
| If classification (1) has been checked, no controls are required. Proceed to P | Part V. |
| If classification (2) has been checked, the machine should be equipped with (complete A below) | a refrigerated condenser |
| If classification (3) has been checked, the machine should be equipped with condenser or a carbon adsorber (complete A and B below). Carbon adsorber installed prior to September 22, 1993. | either a refrigerated must have been |
| If classification (4) has been checked, the machine should be equipped with (complete A and B below.) | a refrigerated condenser |
| A. Has the responsible official of all new sources and existing large area so | urces: |
| (check appropriate boxes) | Mach Mach |
| 1. Equipped all machines with the appropriate went controls? | QYQN QYQN |
| 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? | OY ON OY ON |
| 4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly basis? | OY ON OY ON |
| 5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45° F? | OY ON OY ON |
| 6. Conducted all temperature monitoring after an appropriate cooldown period and after verifying the coolant had been completely charged? | OYON OYON |

| 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? | OY ON |
| 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 ventile to the adsorber, if machines are equipped with a carbon adsorber? Is the perc concentration equal to or less than 100 ppm? | □y □n □na □y □n |
| 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 |
| 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) | |
| Maintained receipts for perc purchased? (Not maintained for Jan 48) Maintained rolling monthly averages of perc consumption? | My On Oy Mn |
| 3. Maintained leak detection inspection and repair reports for the following: | |
| a. documentation of leaks repaired w/in 24 hrs? or; (Specific parts not | □Y ØN |
| b. documentation of parts ordered to repair leak and leak repaired for Jan 98) w/in 2 days and parts installed w/in 5 days of receipt? | □y Øn |
| 4. Maintained calibration data? (for direct reading instrument only) | DIY DIN MINA |
| 5. Maintained exhaust duct monitoring data on perc concentrations? | Dy On N/A |
| 6. Maintained startup/shutdown/malfunction plan? | MY ON |
| 7. Maintained deviation reports? | DY ON NA |
| Problem corrected? | □y □n |
| 8. Maintained compliance plan, if applicable? | OY ON MNA |

| P.A | ART VI: LEAK DETECTION AND R | EPAIR | S | | | | |
|-----|--|-------------------------------|---------------------|---|--------------|--|--|
| 1. | Does the responsible official conduct a | veekly l | eak dete | ction and repair inspection? | ØY ON | | |
| 2. | 2. Which method of detection is used by the responsible official? | | | | | | |
| | a | | | | | | |
| | \mathbf{v}_{j} | | | | | | |
| | Odor (noticeable perc odor) | | | | (4) | | |
| | Use of direct-reading instrun | nentatio | n (FID/F | PID/calorimetric tubes) | ū | | |
| | If using direct-reading instrumentation | n, is the | e equipr | nent: | · | | |
| 3. | a Capable of detecting perc vap 0-500 ppm. b. Calibrated against a standard (PID/FID only). c. Inspected for leaks and obvio d. Kept in a clean and secure are (calorimetric only)? Has the facility maintained a leak log? The following area should be checked for | gas prio s signs a when | of wear not in u | after each use on a weekly basis? se. ples | | | |
| | Hose connections, fitting | | -, | | | | |
| | couplings, and valves | | □N | Muck cookers | MY UN | | |
| | Door gaskets and seating Filter gaskets and seating | | N. | Stills Exhaust dampers | MY ON | | |
| | Pumps | | | Diverter valves | DY ON | | |
| | Solvent tanks and containers | C Y | / 🗖 N | Cartridge Filter hou | sing 🗹 Y 🗆 N | | |
| | Water separators | <u>o</u> ry | ΠN | | • | | |
| | Name of Responsible Official Tett Morris Inspector's Name (Please Print) Inspector's Signature | | | 2/4/ Date of/In 2/8/ Approximate Date of | 78 | | |

BEST AVAILABLE COPY

| DITIONAL SITE INFORMATION: | · · · · · · · · · · · · · · · · · · · | | | |
|---|---|-------------------|-----------|-------------------------|
| Machine #1: Manufacturer Micocleon Model# 125-T Serial# 74 | | | lbs | |
| Machine #2: Manufacturer Serial# | | | lbs | |
| Notification (unpermitted sources only): 1. Was the facility assisted in filling out the noti 2. Did the facility insist on filling out its own no | | | | ZÍN DIN N/A |
| Record keeping: 1. Does facility have statement/specs as to the do (temperature of 45°F w/accuracy ±2°F, | • | • | sor? □Y 〔 | In N/A |
| Hazardous Waste: 1. Is all perc. contaminated wastewater either tree. 2. If wastewater is evaporated, is it an approved sy. 3. Does the facility have secondary containment. 4. Does the facility have secondary containment. | ystem, and using c t for the dry-dry n | arbon filtration? | _ | IN WA IN WA IN WA |
| Boiler: Manufacturer | | Нр. — <u>————</u> | | *** |
| Model # Serial # Fuel Type: Natural gas? propane? | fuel oil? | Mfg yr | leron | site. |
| Comments: Machine not ope Minor paperwork/mi + leak log data, wi | rating a ssing town | e Month of rect. | insper | tion ang |
| | | | | |
| | | | | |

Revised 10/10/9

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

| Bet | tivis Lai | undecetit | . e. | DATE: | 7/24/98 |
|--|----------------------|--------------------|----------------------|---------------|---|
| FACILITY NAME: Bet | 1 Htis St | - NI | / | ~ | 1/21/10 |
| | | | | | |
| St | . Peter | sburgt | <u>FL</u> | | |
| Annual Reporting Period: Febru | ory 2, | _19 <u>9</u> 8 TO | July | 24, | 19_ 98 |
| Based on each term or condition of the Title 62-213.300, Florida Administrative Code (F. | | | / | | Rule DNO |
| If NO, complete the following: | | | | | |
| #1. Term or condition of the general permit | that has not been in | continuous complia | ance during the repo | orting period | stated above: |
| Exact period of non-compliance: from | | | _ to | 1. C. | |
| Action(s) taken to achieve compliance: | | | - 8 ₂ 4 | y C | , |
| Method used to demonstrate compliance: | | | E ROLL | 70 | A |
| #2. Term or condition of the general permit | that has not been in | continuous complia | ance during the rep | Ruma period | stated above; |
| Exact period of non-compliance: from | | | to | | |
| Action(s) taken to achieve compliance: | | | | | |
| Method used to demonstrate compliance: | | · | <u>::</u> | | · · · · · · · · · · · · · · · · · · · |
| As the responsible official, I hereby certify, be made in this notification are true, accurate a upon rolling averages of purchase receipts, a year for transfer or combination facilities. RESPONSIBLE OFFICIAL: | nd complete. Furth | er, my annual cons | umption of perchlor | roethylene so | lvent, based |
| | ne (Please Print) | | Signature | Jugare | 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 | DISCOVERY 🗖 | RE-INSPECTION | |
|------------|--------------------------|------------|--|--|-------------------------------|------------|
| AIRS ID#: | 1030413 001 | _ DATE | : 7/24/98 | TIME IN: 11: 32 | ATIME OUT: 10; | <u> </u> |
| FACILITY | NAME: | Betty' | s Launderette | 7 | · . | · |
| FACILITY | LOCATION: | 8101 4 | th St. N | | 4 | |
| | | St. Pete | ersburg, FL, 33702 | Our Alle | 1 | |
| RESPONSI | BLE OFFICIA | L: Betty S | tefani | O. A. Phone 1 | No.: 1 576-6495 | _ |
| Permi | it No. <u>1030413-00</u> | 1-AG | Exp. Date:11/21/2 | Co No. To | | |
| Ø | | - | - | valuated during this insponistrative Code (F.A.C.) | ection, the facility is found | l to be in |
| | | - | oliance requirements evitems which are check | | 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°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: need to put dates in leak log boxes on Calendar | | | | | |
| 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: Jeffrey Morris | <u> </u> | | | | |
| Inspector's Signature: | Romis | | | | |
| Phone Number: 464 4421 Page 3 of 3 | | | | | |

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

COMPLAINT/DISCOVERY 📮

 \square

| TYPE OF INSPECTION: | ANNUAL RE-INSPECTION | ☑ COM | PLAINT/DISCOVERY 📮 | | |
|--|---|--------------------------|--|-----------------|--|
| AIRS ID#: 1030413 001 FACILITY NAME: FACILITY LOCATION: RESPONSIBLE OFFICIA CONTACT: | DATE: 7/2 Betty's Laund 8101 4th St. N St. Petersburg, F L: Betty Stefani Retty St | L, 33702 | E IN: 11:37 TIME OUT: | 495 | |
| PART I: NOTIFICATION | | | | | |
| (Check appropriate box) | | | | | |
| 1. Existing facility notified I | DARM By 9/1/96 | | | \square | |
| 2. New facility notified DAI | • | rtup | | | |
| - | 3. Facility failed to notify DARM to use general permit | | | | |
| | | | | | |
| PART II: CLASSIFICATION | ON | | - | | |
| Facility indicated on notifica (Check appropriate box) | tion form that it is: | _ | notification form p store / out of business / petrole | eum | |
| A. 1. Existing small area s dry-to-dry only, x<14 transfer only, x<200 g both types, x<140 gal (Constructed before 1 | /yr | 2. New dry tran both (Co | v small area source to-dry only, x<140 gal/yr sfer only, x<200 gal/yr n types, x<140 gal/yr nstructed on or after 12/9/91) | ב | |
| 3. Existing large area s dry-to-dry only, 140 < transfer only, 200 < x < both types, 140 < x < 1,6 (Constructed before 1 | ource x≺2,100 gal/yr 1,800 gal/yr 800 gal/yr 2/9/91) | 4. New dry tran both (Co | v large area source to-dry only, 140 <x<2,100 gal="" y<br="">sfer only, 200<x<1,800 gal="" yr<br="">n types, 140<x<1,800 gal="" yr<br="">nstructed on or after 12/9/91)</x<1,800></x<1,800></x<2,100> | vr vr | |
| This is a correct facility class | sification: 🖳 🗆 | IN 🗖 Can no | t determine | | |
| | ppropriate classificatio or a general permit as a pove limits and is not e | number | | | |
| B. The total quantity of perofacility was | | urchased within | the preceding 12 months by the | is 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 | □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? | ΟY | □N | ☑ NA | | |
| | | | | | |
| PART IV: PROCESS VENT CONTROLS | | | | | |
| In Part II-A: | | | | | |
| If classification (1) has been checked, no controls are required. Proceed to Pa | art V. | | | | |
| If classification (2) has been checked, the machine should be equipped with a refrigerated condenser (complete A below) | | | | | |
| If classification (3) has been checked, the machine should be equipped with either a refrigerated condenser or a carbon adsorber (complete A and B below). Carbon adsorber must have been installed prior to September 22, 1993. | | | | | |
| (complete A and B below) | 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 | ŪΝ | □ NA | | |
| 4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis? | ΩY | □N | | | |
| 5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F? | QΥ | ПN | □NA | | |
| 6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged? | ☐ Y | ПN | | | |

| 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 Div | □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. | □Y □Y | | □na □na |
| | 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 | \square_N | □na |
| 6. | Routed airflow to the carbon adsorber (if used) at all times? | ΠY | □N | □NA |
| PA | RT V: RECORDKEEPING REQUIREMENTS | | | |
| Ha (ch | s the responsible official: eck appropriate boxes) | | | |
| 1. | Maintained receipts for perc purchased? | $\mathbf{\overline{Y}}_{Y}$ | ΠN | |
| 2. | Maintained rolling monthly averages of perc consumption? | My | □m | |
| 3. | Maintained leak detection inspection and repair reports for the following: | | | |
| | a. documentation of leaks repaired w/in 24 hrs? or; | ⊠ y | \square N | \square 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 | \square_N | □NA |
| 4. | Maintained calibration data? (for direct reading instrument only) | \square_{Y} | \square_N | ⊠NA |
| | Maintained exhaust duct monitoring data on perc concentrations? | Ŋ | \square_N | ⊠ NA |
| | | / | | |
| ı o. | Maintained startup/shutdown/malfunction plan? | $\mathbf{\nabla}_{\mathbf{Y}}$ | \square_N | |
| 1 | • | ⊠Y □Y | | ⊠NA |
| 1 | Maintained startup/shutdown/malfunction plan? Maintained deviation reports? (No problems since previous Problem corrected? | | | ⊠na ⊡na |

| PA | PART VI: LEAK DETECTION AND REPAIRS | | | | | | |
|----|--|-------------|------|-------------|-------------------------------|----------------------|---|
| 1. | Does the responsible official cinspection? | onduct a w | /eel | kly (for sr | nall sources, bi-weekly) leak | detect ⊻ Y | ion and repair □N |
| 2. | Has the facility maintained a l | eak log? | | | | Y | □N |
| 3. | Does the responsible official of | heck the fo | ollo | wing area | as for leaks: | | |
| | Hose connections, fitting couplings, and valves | My 🗅 | N | □NA | Muck cookers | Y | |
| | Door gaskets and seating | □ YY □ | N | □NA | Stills | Y | □n □na |
| | Filter gaskets and seating | ₫ Y | N | □NA | Exhaust dampers | ✓Y | □n □na |
| | Pumps | Øy □ | N | □NA | Diverter valves | ĭ₫Y | □N □NA |
| | Solvent tanks and containers | QY Q | N | □NA | Cartridge Filter housing | Y | □n □na |
| | Water separators | | N | □NA | | | |
| 7. | 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: | | | | | ष्ट्रिष्ठ 🗆 🗆 | |
| | a Capable of detecting pe | erc vapor c | onc | entrations | s in a range of 0-500 ppm. | | □Y □N |
| | b. Calibrated against a star | dard gas pi | rior | to and aft | er each use(PID/FID only). | | $\square_{\mathrm{Y}} \square_{\mathrm{N}}$ |
| | c. Inspected for leaks and | obvious sig | ns (| of wear or | a weekly basis? | | □y □N |
| | d. Kept in a clean and sec | ure area wl | nen | not in us | ∮ . | | $\square_{Y} \square_{N}$ |
| | e. Verified for accuracy by use of duplicate samples (calorimetric only)? | | | | | | |
| | Inspector's Name (Please Print) Date of Inspection 2/24/99 Inspector's Aignature Approximate Date of Next Inspection | | | | | | |

| FΛ | CII | ITY | DET | TT A' | S. |
|-----|---------|--------|------|-------|-----|
| r A | | /I I I | 1712 | AII. | 11. |

| FACILITY NAME: | Betty's Launderette | | | | |
|---|---|----------------------|------------------------------|--|--|
| Dry Cleaning Mach | ine #1: | | | | |
| | 25-T Serial# 7482 Mfg yr 1985 | | | | |
| Dry Cleaning Mach | ine #2: | | | | |
| | lbs | | | | |
| Model# | Serial# Mfg yr | | | | |
| Boiler: Manufacturer Model # Fuel Type: | Natural gas? propane? fuel oil? | | · | | |
| Notification (unpermitted sources only): 1. Was the facility assisted in filling out the notification by the inspector? 2. Did the facility insist on filling out its own notification, and will send it to FDEP? | | | | | |
| Record keeping: 1. Does facility have statement/specs as to the design accuracy of the temperature sensor? Y IN NA (temperature of 45°F w/accuracy ±2°F, or 7.2°C w/accuracy of ±1.1°C) | | | | | |
| 2. If wastewate 3. Does the fac | contaminated wastewater either treated or disposed of properly? It is evaporated, is it an approved system, and using carbon filtration? It is evaporated, is it an approved system, and using carbon filtration? It is evaporated, is it an approved system, and using carbon filtration? It is evaporated, is it an approved system, and using carbon filtration? It is evaporated, is it an approved system, and using carbon filtration? It is evaporated, is it an approved system, and using carbon filtration? It is evaporated, is it an approved system, and using carbon filtration? It is evaporated, is it an approved system, and using carbon filtration? | ☑Y □Y ☑Y ☑Y | □n N/A □n N/A □n □n | | |
| Comments: - Mino log b | rpaperwork/missing dates in l exes on calendar | eak | · | | |

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| | 140 416.0 |
|-----------|-----------|
| AIRS ID#: | 1030413 |
| | |

Revised 10/10/9

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

| FACILITY NAME: Betty's Launderette DATE: 1/14/99 FACILITY LOCATION: 8/01 4th SE. N. |
|---|
| FACILITY LOCATION: 8101 4th SE. N. |
| St. Petersburg, FL 33702 |
| Annual Reporting Period: July 24, 1998 TO January 14, 1999 |
| Based on each term or condition of the Title V general air permit, my facility has remained in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. |
| If NO, complete the following: |
| #1. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above: |
| Exact period of non-compliance: from |
| 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 |
| 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: PETER STEFAMI Name (Please Print) Signature Date |

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

TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

| TYPE OF IN | SPECTION: ANNUAL \(\square \) COMPLAINT/DISCOVERY \(\square \) RE-INSPECTION \(\square \) | | | | | |
|---|---|--|--|--|--|--|
| AIRS ID#: | 1030413 001 DATE: 1/14/99 TIME IN: 9:200 orTIME OUT: 9:400.00. | | | | | |
| FACILITY | FACILITY NAME: Betty's Launderette | | | | | |
| FACILITY | LOCATION: 8101 4th St. N | | | | | |
| | St. Petersburg, FL, 33702 | | | | | |
| RESPONSIBLE OFFICIAL: Betty Stefani Phone No.: 576-6495 | | | | | | |
| Permi | it No1030413-001-AG Exp. Date:11/21/2003 | | | | | |
| ď | 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, measure 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: Jeffrey Morris | | | | |
| Inspector's Signature: | | | | |
| Phone Number: 464-4422 / | | | | |

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

 \square

| TYPE OF INSPECTION: ANNU RE-IN | JAL SPECTION D | COMPLAINT | DISCOVERY • | |
|---|-------------------------|--|---|-------------|
| | / / | | 120a.m TIME OUT: 9 | |
| FACILITY LOCATION:8 | 101 4th St. N | · · | _ | |
| <u>S</u> | st. Petersburg, FL, | 33702 | <u> </u> | |
| RESPONSIBLE OFFICIAL:E | Setty Stefani | | PHONE;576-6495_ | |
| CONTACT: | | | PHONE: | |
| PART I: NOTIFICATION | | <u> </u> | | |
| (Check appropriate box) | | | | |
| 1. Existing facility notified DARM | By 9/1/96 | | | ⅎ |
| 2. New facility notified DARM 30 | days prior to startu | p | | |
| 3. Facility failed to notify DARM to | o use general perm | it | | |
| | | | | |
| PART II: CLASSIFICATION | | | | |
| Facility indicated on notification for (Check appropriate box) | m that it is: | No notificati Drop store / | on form 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) | . <u>d</u> | 2. New small a dry-to-dry o transfer only both types, > (Constructed) | nrea source nly, x<140 gal/yr r, x<200 gal/yr r<140 gal/yr d on or after 12/9/91) | |
| 3. Existing large area source dry-to-dry only, 140 × x < 2,10 transfer only, 200 × x < 1,800 g both types, 140 × x < 1,800 gal (Constructed before 12/9/91) | 0 gal/yr al/yr yr | 4. New large a dry-to-dry of transfer only both types, a (Constructed) | rea source nly, 140 <x<2,100 gal="" yr<br="">, 200<x<1,800 gal="" yr<br="">40<x<1,800 gal="" yr<br="">d on or after 12/9/91)</x<1,800></x<1,800></x<2,100> | |
| This is a correct facility classification | on: 🖭Y 💵 | ☐ Can not determ | ne | |
| If no, please check the appropri facility qualified for a gent facility exceeds above line | neral permit as nun | | | |
| B. The total quantity of perchloroe facility was 19.6 gallons | • • • | hased within the pred | ceding 12 months by this dr | y 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 | □N | □NA | | |
| 2. Examining the containers for leakage? | \mathbf{Y} | ПN | ☐ NA | | |
| 3. Closing and securing machine doors except during loading/unloading? | $\mathbf{\nabla}_{\mathbf{Y}}$ | ПN | | | |
| 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 Pa | art V. | | | | |
| If classification (2) has been checked, the machine should be equipped with a refrigerated condenser (complete A below) | | | | | |
| If classification (3) has been checked, the machine should be equipped with either a refrigerated condenser or a carbon adsorber (complete A and B below). Carbon adsorber must have been installed prior to September 22, 1993. | | | | | |
| If classification (4) has been checked, the machine should be equipped with a refrigerated condenser (complete A and B below.) | | | | | |
| A. Has the responsible official of all new sources and existing large area sources: (check appropriate boxes) | | | | | |
| 1. Equipped all machines with the appropriate vent controls? | ☐ 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? | QΥ | □N | □NA | | |
| 4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis? | ΩY | ПN | | | |
| 5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F? | QΥ | ПN | □NA | | |
| 6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged? | ΩY | ŪΝ | | | |

| В. | | | | | | | |
|----------------------------------|---|------------------------------------|--|--|--|--|--|
| | B. Has the responsible official of an existing large or new large area source also: | | | | | | |
| 1. | Measured and recorded the exhaust temperature on the outlet side of the condenser located on dry-to-dry, reclaimer, and dryer machines on a weekly basis? | □Y □N | | | | | |
| 2. | Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly? Is the temperature differential equal to or greater than 20° F? | OY ON ONA OY ON ONA | | | | | |
| | 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. | OY ON ONA OY ON ONA | | | | | |
| 1 | concentrations is at least 8 duct diameters downstream of any bend, contraction, or expansion; is at least 2 dust diameters upstream from any bend contraction, or expansion; and downstream from no other inlet? | OY ON ONA | | | | | |
| 5. | Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils? | OY ON ONA | | | | | |
| 6. | Routed airflow to the carbon adsorber (if used) at all times? | OY ON ONA | | | | | |
| PA | ART V: RECORDKEEPING REQUIREMENTS | PART V: RECORDKEEPING REQUIREMENTS | | | | | |
| Н | | | | | | | |
| (cl | as the responsible official: heck appropriate boxes) | , | | | | | |
| | as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? | ✓Y □N | | | | | |
| 1. | | ☑Y □N ☑Y □N | | | | | |
| 1. 2. | Maintained receipts for perc purchased? | ☑Y □N ☑Y □N | | | | | |
| 1. 2. | Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? | MY ON MY ON OY ON MA | | | | | |
| 1. 2. | Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following: | OY ON MINA | | | | | |
| 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; | OY ON MINA | | | | | |
| 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; 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) | OY ON MINA | | | | | |
| 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; 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 MINA | | | | | |
| 1. 2. 3. 4. 5. 6. | 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 MA OY ON MA | | | | | |
| 1. 2. 3. 4. 5. 6. | 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? | OY ON MA OY ON MA OY ON MA | | | | | |

| PART VI: LEAK DETECTION AND REPAIRS | | | | | | | |
|-------------------------------------|--|--|------|----------------|------------------------------|---------------------------------------|----------------------|
| 1. | Does the responsible official of inspection? | onduct a v | vee | kly (for sr | mall sources, bi-weekly leak | detect | ion and repair □N |
| 2. | Has the facility maintained a leak log? | | | | | $\mathbf{\underline{Y}}_{\mathbf{Y}}$ | \square_{N} |
| 3. | Does the responsible official check the following areas for leaks: | | | | | | |
| | Hose connections, fitting couplings, and valves | | N | □NA | Muck cookers | ПY | □n ɗna |
| | Door gaskets and seating | Øy □ | N | □NA | Stills | \Box Y | □n ☑na |
| | Filter gaskets and seating | ☑Y □ | N | □NA | Exhaust dampers | ĭ¥Y | □n □na |
| | Pumps | Øy □ | N | □NA | Diverter valves | $ abla_{Y}$ | □n □na |
| | Solvent tanks and containers | | N | □NA | Cartridge Filter housing | ☑Y | □n □na |
| | Water separators | ĭY □ | N | \square_{NA} | • | | |
| 4. | 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 | | | | | | ស្ត្រ ០០ |
| | If using direct-reading instrumentation, is the equipment: | | | | | | |
| | | | | | s in a range of 0-500 ppm. | | |
| | | | | . \ | ter each use(PID/FID only). | | □Y □N |
| | c. Inspected for leaks and | | | | | | □Y □N |
| | d. Kept in a clean and sec | The state of the s | | \ / | | | □Y □N |
| | e. Verified for accuracy by | y use of dup | olic | atè sample | es (calorimetric only)? | | □Y □N |
| | Inspector's Name (Please Print) Date of Inspection Inspector's Signature Approximate Date of Next Inspection | | | | | | |

| FACILITY DETAILS: | | | | | |
|-------------------|---------------------|--|--|--|--|
| FACILITY NAME: | Betty's Launderette | | | | |

| FACILITY NAME: | | Betty's l | -aund | erette | | | |
|--|---|--|--------------------------------|------------------------------|----------------|----------------------|---------------------|
| Dry Cleaning Machi | ne #1: | 1 | | | | | ı |
| Manufacturer _ Model# _ | Mira 125-T S | aclean Serial#_748 | 2 | Capacity | 2 <u>5</u> lbs | | |
| Dry Cleaning Machi | ne #2: | | | | | | |
| | | | | Capacity Mfg yr | | | |
| Boiler: Manufacturer Model # Fuel-Type: | | Serial# propane? \ | fuel oil? | Hp _ Mfg yr _ | | | 1,500 mm = 1 mm = 1 |
| | nitted sources only lity assisted in filli ity insist on filling | ng out the notifica | - | - | FDEP? | □Y □Y | □NN/A |
| | have statement/spre of 45°F w/accur | | | | | □Y | □N N/A |
| 2. If wastewater3. Does the fac | ontaminated waste r is evaporated, is it ility have secondar ility have secondar | an approved systems are approved systems and approved systems are approved to the systems are approximated | em, and using r the dry-dry | g carbon filtrat machine? | ion? | ☑Y □Y ☑Y ☑Y | |
| Comments: | | | | | | | |

| ADDITIONAL SITE INFORMATION: | | | | | |
|--|--|--|--|--|--|
| Responsible officéal conertly identified each leah check floint, yn | | | | | |
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ARS ID#: 1030413

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

| FACILITY NAME: Betty's Launderette DATE: 7/26/99 |
|--|
| FACILITY LOCATION: 8101 4th St. N. |
| St. Petersburg Fr 33702 |
| J, 80 0. W |
| Annual Reporting Period: January 14, 1999 TO July 19, 1999 |
| 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: |
| Facility did not maintain purchase records as a 12-month consecutive total. Exact period of non-compliance: from May 31, 1999 to July 21, 1999 |
| Action(s) taken to achieve compliance: Maintain purchase records as a 12-month Consecutive total. 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: Facility did not maintain a bi-weekly leak log. |
| Exact period of non-compliance: from July 1, 1999 to July 21, 1999 |
| Action(s) taken to achieve compliance: Maintain a log of leak detection in opection 4 repair records 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: RESPONSIBLE OFFICIAL: |
| Name (Please Print) Please P. 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.

| TYPE OF INSPECT | TION: ANNUAL (COMPLAINT/DISC | COVERY RE-INSPECTION | | | | |
|---|---|--|--|--|--|--|
| AIRS ID#: <u>10304</u> | 13 001 DATE: 7/19/99 TIM | IE IN: 11.2/02 m TIME OUT: 12:20 p.m. | | | | |
| FACILITY NAME | E: <u>Betty's Launderette</u> | | | | | |
| FACILITY LOCA | ATION: 8101 4th St. N | | | | | |
| | St. Petersburg, FL, 33702 | | | | | |
| RESPONSIBLE OFFICIAL: Betty Stefani Phone No.: 576-6495 | | | | | | |
| Permit No1030413-001-AG Exp. Date:11/21/2003 | | | | | | |
| | of the results of the compliance requirements evaluated ance with DEP Rule 62-213.300, Florida Administrative | | | | | |
| | on the results of the compliance requirements evaluated | d during this inspection, the following compliance | | | | |

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. | |
| d | 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. | | | | | |
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| | · · · · · · · · · · · · · · · · · · · | | | | | |
| | | | | | | |
| Comments: Facility missing leak log detection log data for June, 1999 and 12-month consecutive total for June, 1999 and first 2 weeks of July, 1999 | | | | | | |
| | Did not measure and record the outlet temperature of the refrigerated condenser on the dry-to-dry machine (dryer, reclaimer) on a weekly basis. Airflow is directed towards the refrigerated condenser upon the door being opened and no diverter valve is in place. The outlet exhaust temperature of the refrigerated condenser exceeds 45°F and was not repaired within 24 hours. Machine doors are not closed and secure during times other than loading and unloading. Temperature monitoring was not conducted after an appropriate cooldown period and after verifying that the coolant was completely charged. Containers for perchloroethylene and/or perchloroethylencontaining waste were found to be leaking. | | | | | |

corrective actions have been taken.

| Inspection Conducted by: | Leffrey Morris | |
|--------------------------|----------------|---|
| Inspector's Signature: | ly home | |
| Phone Number: | 464-4422 | , |
| | Page 2 of 2 | |

| TYPE OF INSPECTION: ANNUAL RE-INSPECTION | COMPLAINT/DISCOVERY COMPLAINT/DISCOVERY |
|--|---|
| AIRS ID#: 1030413 001 DATE: 7/19 | |
| FACILITY NAME: <u>Betty's Laun</u> | derette |
| FACILITY LOCATION: 8101 4th St. N | |
| St. Petersburg, | FL, 33702 |
| RESPONSIBLE OFFICIAL: Betty Stefani | PHONE: _576-6495 |
| 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 st | artup |
| 3. Facility failed to notify DARM to use general p | permit D |
| 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 (constructed="" 12="" 140<x<1,800="" 200<x<1,800="" 9="" 91)<="" before="" both="" gal="" only,="" td="" transfer="" types,="" yr=""><td>4. New large area source dry-to-dry only, 140<x<2,100 (constructed="" 12="" 140<x<1,800="" 200<x<1,800="" 9="" 91)<="" after="" both="" gal="" on="" only,="" or="" td="" transfer="" types,="" yr=""></x<2,100></td></x<2,100> | 4. New large area source dry-to-dry only, 140 <x<2,100 (constructed="" 12="" 140<x<1,800="" 200<x<1,800="" 9="" 91)<="" after="" both="" gal="" on="" only,="" or="" td="" transfer="" types,="" yr=""></x<2,100> |
| This is a correct facility classification: | □N □ Can not determine |
| If no, please check the appropriate classificati facility qualified for a general permit as facility exceeds above limits and is not | number above |
| B. The total quantity of perchloroethylene (perc) facility was gallons. | purchased 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 | □N | □NA | | |
| 2. Examining the containers for leakage? | Y | □N | □ 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 | □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 Pa | art V. | | | | |
| If classification (2) has been checked, the machine should be equipped with a (complete A below) | ı 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. | either a must ha | refrigerat ive been | ed | | |
| 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 | 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 | □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 | ПN | □ NA | | |
| 6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged? | QΥ | □N | | | |

| <u>, , , , , , , , , , , , , , , , , , , </u> | |
|--|-----------------------|
| 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? | Q Y Q N |
| 2. Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly? Is the temperature differential equal to or greater than 20° F? | OY ON ONA |
| 3. Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is venting to the adsorber, if machines are equipped with a carbon adsorber? Is the perc concentration equal to or less than 100 ppm? 4. Assured that the sampling port on the earton adsorber exhaust for measuring perc. | OY ON ONA |
| 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? | |
| 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 UN |
| 2. Maintained rolling monthly averages of perc consumption? | □y ⊴n |
| 3. Maintained leak detection inspection and repair reports for the following: | J 1 J N |
| a. documentation of leaks repaired w/in 24 hrs? or; | DY MY DNA |
| 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 DN DNA |
| 4. Maintained calibration data? (for direct reading instrument only) | DY DN DNA |
| 5. Maintained exhaust duct monitoring data on perc concentrations? | DY DN DINA |
| 6. Maintained startup/shutdown/malfunction plan? | □N □N |
| 7. Maintained deviation reports? | □y □n Øjna |
| Problem corrected? | |
| | □y □n □na |

| PA | PART VI: LEAK DETECTION AND REPAIRS | | | | | |
|----|--|--|------------------------|---|---------------------------------|----------------------------|
| 1. | Does the responsible official inspection? | conduct a weekly | y (for sma | ll sources, bi-weekly) leak | detecti ⊻ Y | ion and repair |
| 2. | Has the facility maintained a | leak log? | | | ŪΥ | ⊠N |
| 3. | Does the responsible official | check the follow | ing areas | for leaks: | | |
| | Hose connections, fitting couplings, and valves | ØY ON C | I NA | Muck cookers | ΠY | ON ONA |
| | Door gaskets and seating | | I NA | Stills | \Box_{Y} | ON ONA |
| | Filter gaskets and seating | MY ON C | □NA | Exhaust dampers | ¥Υ | \square_N \square_{NA} |
| | Pumps | $\mathbf{\Delta}_{\mathbf{Y}} \square_{\mathbf{N}} \square$ | INA | 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) Use of direct-read Halogen leak detection If using direct-reading instr | on (condensed son (airflow felt thr perc odor) ing instrumentat | olvent of extough gask | xterior surfaces) tets) PID/calorimetric tubes) | | |
| | a Capable of detecting p | erc vapor concer | ntrations i | n a range of 0-500 ppm. | ۲. | □y □n |
| | b. Calibrated against a sta | ndard gas prior to | o and after | each use(PID/EID only). | | □y □N |
| | c. Inspected for leaks and | obvious-signs of | iveat of a | weekly basis? | | □y □N |
| | d. Kept in a clean and sec | cure area when n | ot in use. | | | □y □n |
| | e. Verified for accuracy b | y use of duplicate | e samples (| (calorimetric only)? | | □y □N |
| | Inspector's Name (Please Pr | int) | · | Date/of Ins | 199 pection 199 of Nex | t Inspection |

| TYPE OF INSPECTION: | ANNUAL RE-INSPECTION | A | COMPLAINT/E | DISCOVERY 🖵 | |
|---|--|--------------------|---|--|--------------|
| AIRS ID#: 1030413 001 FACILITY NAME: FACILITY LOCATION: | | <u>iderette</u> | | 720.∝TIME OUT: | |
| | St. Petersburg, | FL, 3370 | 2 | _ | |
| RESPONSIBLE OFFICIA | L: Betty Stefani | | | PHONE: 576-64 | 95 |
| CONTACT: | Betty St | etani | | PHONE: <u>576</u> | -6495 |
| PART I: NOTIFICATION | 1 | | | | · |
| (Check appropriate box) | | | RE | | |
| 1. Existing facility notified | DARM By 9/1/96 | | | CEIVED | 9 |
| 2. New facility notified DA | RM 30 days prior to s | startup | NO | N 1.2 1999 | |
| 3. Facility failed to notify D | OARM to use general | permit | burea., | ~ * | |
| PART II: CLASSIFICATI | | | | OF Air Monitoring Doile Sources | |
| Facility indicated on notificate (Check appropriate box) A. 1. Existing small area dry-to-dry only, x<12 transfer only, x<200 both types, x<140 ga (Constructed before) 3. Existing large area and dry-to-dry only, 140-dry only, 140-dry only, 200-x-both types, 140-x×1 (Constructed before) This is a correct facility class of facility qualified | source logal/yr gal/yr 12/9/91) source (x < 2,100 gal/yr (1,800 gal/yr (| □N □ ion: s number | New small ar dry-to-dry onl transfer only, both types, x < (Constructed) New large ar dry-to-dry onl transfer only, both types, 14 (Constructed) Can not determin above | ea source y, x<140 gal/yr x<200 gal/yr 140 gal/yr on or after 12/9/91) ea source y, 140 < x < 2,100 gal/yr 200 < x < 1,800 gal/yr on or after 12/9/91) ea source | 1 . |
| B. The total quantity of per | | - | - | | 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? | r Y | ΠN | □ NA |
| 2. Examining the containers for leakage? | T Y | □ N | □ na |
| 3. Closing and securing machine doors except during loading/unloading? | ΞÝΥ | ΠN | |
| 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? | ΔY | ΠN | Y NA |
| DA DEL VIV. DD O GEGG VIENIE GOARDOA G | | _ | |
| 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. | | | 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 | ŪΝ | □ NA |
| 3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door? | T 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 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 | |
| | | | |

| 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? | □y □¥ | ON ONA |
| | 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 □na □n □na |
| 4. | Assured that the sampling port on the earbon 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? | ΠY | □n □na |
| | Routed airflow to the carbon adsorber (if used) at all times? ART V: RECORDKEEPING REQUIREMENTS | ΠY | □n □na |
| PA | ART V: RECORDKEEPING REQUIREMENTS | Υ | □n □na |
| PA Ha (cl | | □Y □Y | |
| P /4 (cl. 1. | ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) | | |
| PA H: (cl 1. 2. | ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? | | |
| PA 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? | | |
| PA 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: a. documentation of leaks repaired w/in 24 hrs? or; | ⊴Y ⊴X | □n □n □n ⊴na □n ⊴na |
| H2 (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? | ⊴Y □Y | |
| P.A. Hi (cl. 1. 2. 3. 4. | 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 ⊴Y □Y □Y | □n □n □n ⊴na □n ⊴na |
| P.A. Hi (cl. 1. 2. 3. 4. | 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 | □n □n Ina □n Ina □n Ina |
| PA H: (cl 1. 2. 3. 4. 5. 6. | 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 | ON ONA ON ONA ON ONA ON ONA |
| PA H: (cl 1. 2. 3. 4. 5. 6. | 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 ✓ Y ◯ Y ◯ Y ◯ Y ⊙ Y | ON MA ON MA ON MA ON MA ON MA |

| PA | ART VI: LEAK DETECTIO | N ANI | D REP | PAIRS | | | | |
|----|---|---------------------------|---------------|----------------|------------------------------|--|----------------|--|
| 1. | Does the responsible official c inspection? | onduct | a wee | ekly (for sma | all sources, bi-weekly) leak | | ion and repair | |
| 2. | Has the facility maintained a le | eak log | ;? | | | ☑Y | \square N | |
| 3. | Does the responsible official c | heck th | ne follo | owing areas | for leaks: | | | |
| | Hose connections, fitting couplings, and valves | ĭ¥Y | ΠN | □NA | Muck cookers | □Y | □n ⊴na | |
| | Door gaskets and seating | ĭY | \square_N | \square NA | Stills | \square_{Y} | ON MNA | |
| | Filter gaskets and seating | ĭ✓Y | \square_{N} | \square_{NA} | Exhaust dampers | IJY | □n □na | |
| | Pumps | ⊈Y | ΩN | □NA | Diverter valves | $\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{$ | □n □na | |
| | Solvent tanks and containers | $\mathbf{v}_{\mathbf{Y}}$ | ΠN | □NA | Cartridge Filter housing | ØY | □N □NA | |
| | Water separators | ₫Y | ΩN | □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 | | विविव । | | | | | |
| | | | | | in a range of 0-500 ppm. | | Dy On | |
| | | _ | | | r each use(PID/FID only). | | Ov On | |
| | c. Inspected for leaks and o | | Ñ | 1 11 | | | | |
| | d. Kept in a clear and sec | | | J | • | | | |
| | e. Verified for accuracy by | | | | | | | |
| | | | | | | | | |
| | Inspector's Name (Please Print) Inspector's Signature 10/29/99 Date of Inspection 2/28/2000 Approximate Date of Next Inspection | | | | | | | |

| TYPE OF INSPECTION: ANNUAL | COMPLAINT/DISCOVERY RE-INSPECTION |
|--|--|
| AIRS ID#: <u>1030413 001</u> DATE: | 7/24/98 TIME IN: 11: 32 a ATIME OUT: 11:53 a.m. |
| FACILITY NAME: Betty's | Launderette |
| FACILITY LOCATION:8101 4th | St. N |
| St. Peters | sburg, FL, 33702 |
| RESPONSIBLE OFFICIAL: Betty Stef | Phone 80 576-6495 |
| Permit No. <u>1030413-001-AG</u> Ex | xp. Date: 11/21/2003 Sp. No. 39 |
| Based of the results of the compliance with DEP Rule 62-213 | nce requirements evaluated during this inspection; the facility is found to be in 300, Florida Administrative Code (F.A.C.). |
| Based on the results of the compliand discrepancies were noted (only ite | ance requirements evaluated during this inspection, the following compliance ems 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 $45^{\circ}F$ with an accuracy of $\pm 2^{\circ}F$. | Obtain verification from the manufacturer that the temperature sensor is designed to measure 45°F with an accuracy of ±2°F, or determine this by another method that the Department would consider appropriate. |
| Evaporator for separator wastewater does not incorporate a pre-filtration system. | Facility may choose to either dispose of perc-containing separator water as hazardous waste, or incorporate a carbon filtration system with the evaporator (as per the State's guidelines). |
| Did not store all perc, and perc-containing waste in tightly sealed containers. | Store all perc and perc-containing waste in tightly sealed containers which are impervious and chemically unreactive to the solvent. |
| Did not maintain a log of leak detection inspection and repair records. | Develop and implement a leak detection inspection and repair program. Maintain a log of leak detection inspection and repair records. |

| <u> </u> | | | | | | | | | |
|--|---|--|--|--|--|--|--|--|--|
| Compliance Requirement/Problem | Follow-up Action Required | | | | | | | | |
| Did not conduct weekly leak detection and repair inspection. | Develop and implement a leak detection inspection and repair program. Use at least one of the methods outlined in Part II, Section 7(a), of the general permit provisions, to detect leaks. Inspect the items listed in Part II, Section 7(b), for leaks. Repair leaks within 24 hours of detection, unless repair equipment must be ordered. | | | | | | | | |
| No calibration records for the mechanical direct reading instrumentation (halogen detector) were available. | Mechanical direct-reading instrumentation shall be operated as directed by the manufacturer and must meet the conditions in Part II, Section 7(e) of the general permit provisions | | | | | | | | |
| Did not measure and record the outlet temperature of the refrigerated condenser on the dry-to-dry machine (dryer, reclaimer) on a weekly basis. | Develop and implement a monitoring program. Measure and record the outlet temperature on a weekly basis. The temperature, measured at the end of the drying cycle, must not exceed 45°F. | | | | | | | | |
| Airflow is directed towards the refrigerated condenser upon the door being opened and no diverter valve is in place. | Equip the condenser with a diverter valve to prevent air flow to the refrigerated condenser when the door is opened. | | | | | | | | |
| The outlet exhaust temperature of the refrigerated condenser exceeds 45°F and was not repaired within 24 hours. | Repair or adjust condenser within 24 hours of measurement indicating that the outlet exhaust temperature of the refrigerated condenser exceeds 45°F. The repair shall be documented in the monitoring record log. | | | | | | | | |
| Machine doors are not closed and secure during times other than loading and unloading. | Keep doors closed and secured at all times except during loading and unloading. | | | | | | | | |
| Temperature monitoring was not conducted after an appropriate cooldown period and after verifying that the coolant was completely charged. | Conduct all temperature monitoring following an appropriate cooldown period and after verifying that the coolant has been completely charged. | | | | | | | | |
| Containers for perchloroethylene and/or perchloroethylen- containing waste were found to be leaking. | Examine the containers, used for storing perchloroethylene and/or perchloroethylene-containing waste, for leakage. | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Comments: need to put da | tes in leak log boxes | | | | | | | | |
| on calendar | | | | | | | | | |
| <u> </u> | <u> </u> | | | | | | | | |
| 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: | | | | | | | | | |
| Inspector's Signature: | Romin | | | | | | | | |
| Phone Number: 464/422 | | | | | | | | | |

| TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY RE-INSPECTION | |
|---|-------------|
| AIRS ID#: 1030413 001 FACILITY NAME: Betty's Launderette FACILITY LOCATION: 8101 4th St. N St. Petersburg, FL, 33702 | 1:53am, |
| RESPONSIBLE OFFICIAL: Betty Stefani PHONE: 576-6495 CONTACT: PHONE: 576-6 | |
| 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 | |
| Racility 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) 3. Existing large area source dry-to-dry only, 140 <a> x<2,100 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<a> x<2,100 gal/yr transfer only, 200<a> x<1,800 gal/yr transfer only, 200<a> x<1,800 gal/yr both types, 140<a> x<1,800 gal/yr both ty | ry cleaning |
| B. The total quantity of perchloroethylene (perc) purchased within the preceding 12 months by this dr facility was gallons. | y 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 | Πи | □NA |
| 2. Examining the containers for leakage? | y | ΠN | □NA |
| 3. Closing and securing machine doors except during loading/unloading? | Y | ПN | |
| 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 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 econdenser 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 | ПN | |
| 2. Equipped dry-to-dry machines with a closed-loop vapor venting system? | Y 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? | ΩY | ΩN | |
| 5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F? | QΥ | ΠN | □NA |
| 6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged? | ΩY | ПN | |

| 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? | ПY | □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? | ŪY □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. | □Y □Y | | □na □na |
| | 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? | ΠY | □N | □NA |
| 6. | Routed airflow to the carbon adsorber (if used) at all times? | ΠY | □N | □NA |
| PA | ART V: RECORDKEEPING REQUIREMENTS | | | , |
| Ha (cl | as the responsible official: neck appropriate boxes) | | | |
| 1. | icek appropriate boxes) | | | |
| | Maintained receipts for perc purchased? | ⊴ Y | □n | |
| 2. | | ☑Y ✓v | □N | |
| | Maintained receipts for perc purchased? | ✓Y ✓Y | □N □N | |
| | Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? | ✓Y ✓Y ✓Y | | □NA |
| | 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 Y Y Y Y | | □na □na |
| 3. | Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following: | ØY ØY ØY ØY | | □na □na ☑na |
| 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; 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) | ✓Y ✓Y ✓Y ✓Y ✓Y ✓Y | | □NA |
| 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; 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) | Y Y Y Y Y Y Y | | □na ⊴na |
| 4. 5. | 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? | | □N | □na ••na |

| PA | ART VI: LEAK DETECTIO | N AN | D REI | PAIRS | · . | | | |
|----|---|------------|---------|------------|-------------------------------|------------------------|---|--|
| 1. | Does the responsible official coinspection? | onduct | a wee | kly (for | small sources, bi-weekly) lea | k detect ⊻ Y | tion and repair □N | |
| 2. | Has the facility maintained a le | eak log | g? | | | ✓Y | ΠN | |
| 3. | Does the responsible official c | heck th | ne foll | owing ar | eas for leaks: | | . • | |
| | Hose connections, fitting couplings, and valves | Y | ŪΝ | □NA | Muck cookers | Y | □n □na | |
| | Door gaskets and seating | □ Y | ΠN | □NA | Stills | ⊡ Y | □n □na | |
| | Filter gaskets and seating | □ Y | □N | □NA | Exhaust dampers | ✓Y | □n □na | |
| | Pumps | ØΥ | ŪΝ | □NA | Diverter valves | ĭZY | □n □na | |
| | Solvent tanks and containers | ☑ Y | ΠN | □NA | Cartridge Filter housing | ⊠Y | □N □NA | |
| | Water separators | □Y | □N | □NA | | | | |
| 4. | 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 | rc vap | or con | centratio | ons if a range of 0-500 ppm. | | $\square_{Y} \square_{N}$ | |
| | b. Calibrated against a stan | dard g | as prio | r to and a | after each use(PID/FID only). | | \square_{Y} \square_{N} | |
| | c. Inspected for leaks and o | bvious | s signs | of wear | on a weekly basis? | | □y □n | |
| | d. Kept in a clean and sec | ure are | a whei | n not in t | usq. | • | $\square_{\mathrm{Y}} \square_{\mathrm{N}}$ | |
| | e. Verified for accuracy by | use of | duplic | cate samp | oles (calorimetric only)? | | □Y □N | |
| | Inspector's Name (Please Print) Date of Inspection 2/24/99 Inspector's Signature Approximate Date of Next Inspection | | | | | | | |

| FΔ | CII | ITV | DET | A TT | S. |
|----|-----|-----|-----|------|----|
| | | | | | |

| FACILITY NAME: Betty's Launder | ette |
|--|--|
| Dry Cleaning Machine #1: | |
| Manufacturer Miraclean Model# 125-T Serial# 7482 | Capacity <u>25</u> lbs Mfg yr <u>1985</u> |
| Dry Cleaning Machine #2: | |
| Manufacturer | Capacity lbs |
| Model# Serial# | Mfg yr |
| Boiler: | |
| Manufacturer | Нр |
| Model # Serial # | Mfg yr |
| Fuel Type: Natural gas? propane? fuel oil? | |
| Notification (unpermitted sources only): 1. Was the facility assisted in filling out the notification by the 2. Did the facility insist on filling out its own notification, and Record keeping: 1. Does facility have statement/specs as to the design accuracy (temperature of 45°F w/accuracy ±2°F, or 7.2°C w/accuracy | will send it to FDEP? |
| Hazardous Waste: | |
| Is all perc. contaminated wastewater either treated or dispose If wastewater is evaporated, is it an approved system, and usin Does the facility have secondary containment for the dry-dry Does the facility have secondary containment for any perc. | g carbon filtration? |
| Comments: | |
| - Minor paperwork/ missing | dates in leak |
| -Minor paperwork/missing log boxes on calendar | |
| | |
| | |

Revised 10/10/9

Hac

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

| FACILITY NAME: Betty's Launderette DATE: 2/18 | /00 |
|--|---------------|
| FACILITY LOCATION: 8101 4th St. N. | |
| St. Peters burg, FL 33702 | |
| | |
| Annual Reporting Period: July 19, 1999 TO February 18, 2 | <u>1000</u> 0 |
| Based on each term or condition of the Title V general air permit, my facility has remained in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. | |
| 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. | ove: |
| Exact period of non-compliance: from | |
| 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 about 10 period | |
| #2. Term of condition of the general permit that has not occur in conditions compilative during the reporting period stated acc |)ye. |
| Exact period of non-compliance: from | |
| 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 stateme made in this notification are true, accurate and complete. Further, my annual consumption of perchloroethylene solvent, bas upon rolling averages of purchase receipts, does not exceed 2,100 gallons per year for dry-to dry facilities or 1,800 gallons pyear for transfer or combination facilities. | red |
| RESPONSIBLE OFFICIAL: ELizaBETH STEFANI Blightly Stepsi 2/18 Name (Please Print) Signature Date | 100 |
| U U | •••• |

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

Page | of |

MAR 1 3 2000

| TYPE OF INSPECTION: | ANNUAL 🗹 COMPLAIN | T/DISCOVERY 📮 | RE-INSPECTION . |] |
|----------------------|---|-----------------------------|----------------------------------|--------------|
| AIRS ID#: 1030413 | 2/18/00 DATE: <u>-1/19/00</u> か | _ TIME IN: <u>9:</u> 40d | ATIME OUT: 10:36 | <u>Sai</u> m |
| FACILITY NAME: | Betty's Launderette | · | | |
| FACILITY LOCATION: | 8101 4th St. N | · | | |
| | St. Petersburg, FL, 33702 | | | |
| RESPONSIBLE OFFICIAL | Betty Stefani | Phone | No.: 576-649 | <u>5</u> |
| Permit No. | 1030413 | Exp. Date: $\frac{12}{5}$ | 5/2002 | |
| | olts of the compliance requirements DEP Rule 62-213.300, Florida Adn | | | e in |
| ☐ Based on the resu | alts of the compliance requirements | evaluated during this inspe | ection, the following compliance | ce |

Inspection Summary Report Guidance

discrepancies were noted (only items which are checked):

| 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 as measures to achieve compliance. Pinellas County will properties actions have been taken. | ctions are required, you must take immediate corrective perform a follow-up inspection to determine that proper |
| | Inspection Conducted by: | FE Morris |
| | Inspector's Signature: | Ty Maris |
| | Phone Number: 464-4 | |

Page 2 of 2

| TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY RE-INSPECTION | | | | |
|--|--|--|--|--|
| 2/18/00 AIRS ID#: 103 0 4/3 Date: 1/19/00 TIME IN: 9:400.mTIME OUT: 10:350.m | | | | |
| FACILITY NAME: Betty's Launderette | | | | |
| FACILITY LOCATION: 8101 4th St. N | | | | |
| St. Petersburg, FL, 33702 | | | | |
| RESPONSIBLE OFFICIAL: Betty Stefani PHONE: 576-6495 | | | | |
| CONTACT: Betty Stefani PHONE: 576-6495 | | | | |
| 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: 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 was35 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 | ΠN | □NA | | |
| 2. Examining the containers for leakage? | ĽYY | ΩN | □NA | | |
| 3. Closing and securing machine doors except during loading/unloading? | ⊠ Y | ΩN | | | |
| 4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal? | Ū√Y | □N | □ NA | | |
| 5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorbed beds according to the manufacturer's specifications? | | □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 (complete A below) | h a refrige | rated cor | ndenser | | |
| 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 s (check appropriate boxes) | ources: | | | | |
| 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 | ΩN | □ 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 | ΩN | | | |
| 5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F? | ⊈ Y- | ΩN | □ NA | | |
| 6. Conducted all temperature monitoring after an appropriate cool down perio and after verifying the coolant had been completely charged? | d AY | ΠN | 4 | | |
| | | | | | |

| 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? | □Y □Y | | □na □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? Is the perc concentration equal to or less than 100 ppm? | □Y □Y | | □na □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 | ΠN | □na |
| | Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils? | ΩY | □N | □NA |
| 6. | Routed airflow to the carbon adsorber (if used) at all times? | ПY | ΠN | □NA |
| _ | | | | |
| PA | ART V: RECORDKEEPING REQUIREMENTS | | | |
| _ | | | = | |
| Ha (cl | ART V: RECORDKEEPING REQUIREMENTS as the responsible official: neck appropriate boxes) Maintained receipts for perc purchased? | ďγ | □n | |
| H a (ch | as the responsible official: neck appropriate boxes) | ÐÍY ÞÍV | | |
| Ha (ch 1. | as the responsible official: neck appropriate boxes) Maintained receipts for perc purchased? | ÐíY ⊝Y | □n □n | |
| Ha (ch 1. | As the responsible official: neck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? | ØY ØY OY | □N | ✓na |
| Ha (ch 1. | As the responsible official: neck 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; | | □N □N | ⊴na ≌na |
| Ha (ch 1. 2. 3. | As the responsible official: neck 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 | | , |
| H2 (ch 1. 2. 3. | As the responsible official: neck 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 | | MNA |
| H2 (ch 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; 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 | | Øna Øna |
| Ha (ch 1. 2. 3. 4. 5. | As the responsible official: neck 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 □Y □Y □Y | | Øna Øna |
| Ha (ch 1. 2. 3. 4. 5. 6. | As the responsible official: neck 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 □Y □Y □Y □Y | | ⊠na ⊡na ⊡na |

| PA | PART VI: LEAK DETECTION AND REPAIRS | | | | | | |
|----|---|--------------|---------|---------------|------------------------------|--------|-----------------------------|
| 1. | Does the responsible official of inspection? | onduct a | a wee | kly (for sm | all sources, bi-weekly) leak | detect | ion and repair □N |
| 2. | Has the facility maintained a l | eak log? | , | | | ₫Y | □N |
| 3. | Does the responsible official of | heck the | follo | owing areas | s for leaks: | | |
| | Hose connections, fitting couplings, and valves | Y Y | ΠN | □NA | Muck cookers | □Y | On Ona |
| | Door gaskets and seating | ¥Υ | ΠN | □NA | Stills | ₫y | □n □na |
| | Filter gaskets and seating | ⊉ Y | ΠN | □NA | Exhaust dampers | ĭ¥ | □n □na |
| | Pumps | □ r Y | ΠN | □NA | Diverter valves | ĽΥ | □n □na |
| | Solvent tanks and containers | ☑Y | ŪΝ | □NA | Cartridge Filter housing | ₽́Y | □n □na |
| | Water separators | ŪĸÝ | ŪΝ | □NA | | | |
| 4. | 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 | | | | | | |
| | a Capable of detecting pe | rc vapoi | r conc | centrations | in a range of 0-500 ppm. | _ | OY ON |
| | b. Calibrated against a star | ıdard gas | s prior | r to and afte | reach use(HD)/FID only). | | □y □n |
| | c. Inspected for leaks and | obvious s | signs | of wear on | aweekly basis? | | $\square_{Y} \square_{N}$ |
| | d. Kept in a clean and sec | ure area | when | not in use | | | \square_{Y} \square_{N} |
| | e. Verified for accuracy by | use of d | luplic | ate samples | (calorimetric only)? | | □Y □N |
| | Inspector's Name (Please Print) Date of Inspection S/18/00 Approximate Date of Next Inspection | | | | | | |



| TYPE OF IN | NSPECTION: ANNUAL COMPLAINT/DISCOVERY RE-INSPECTION |
|------------|--|
| AIRS ID#: | 1030413 DATE: 8/18/00 TIME IN: 10:170.m TIME OUT: 10:530.m |
| FACILITY | NAME: Betty's Launderette |
| FACILITY | LOCATION: _8101 4th Street North |
| | St. Petersburg, FL, 33702 |
| RESPONSII | BLE OFFICIAL: Betty Stefani Phone No.: (727) 576-6495 |
| | Permit No. 1030413-001-AG Exp. Date: 12/5/2002 |
| <u> </u> | 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: | |
| If the Inspection Summary Report indicates follow-up acmeasures to achieve compliance. Pinellas County will p corrective actions have been taken. | |
| Inspection Conducted by: | Moccis |
| Inspector's Signature: | at Monie |
| Phone Number: 464 | 422 |
| Pag | ge 2 of 2 |

| TYPE OF INSPECTION: | ANNUAL RE-INSPECTION | ₫ COMIT | LAINT/DISCOVERY 🚨 | |
|--|--|---------------------------------------|--|----------|
| AIRS ID#: 1030413 FACILITY NAME: FACILITY LOCATION: | Betty's Lau | nderette t North | CIN: 10::70.m. TIME OUT: | · |
| RESPONSIBLE OFFICIA CONTACT: | AL: Betty Stefani Betty Stefani | | PHONE: (727) 57 | |
| PART I: NOTIFICATION | I _ | | | |
| (Check appropriate box) Existing facility notified New facility notified DA Facility failed to notify D | RM 30 days prior to s | - | | <u>a</u> |
| PART II: CLASSIFICATI | ON | | | |
| Facility indicated on notificate (Check appropriate box) A. 1. Existing small area and dry-to-dry only, x < 14 transfer only, x < 200 shoth types, x < 140 galant (Constructed before and the constructed before | source | 2. New so dry-to transf both to (Cons | stification form store / out of business / petrole small area source b-dry only, x < 140 gal/yr gres, 140 < x < 2,100 gal/yr gres, 140 < x < 1,800 gal/yr gress, 140 < x < 1,800 gal/yr | 4 |
| This is a correct facility class If no, please check the a facility qualified to facility exceeds a | sification: Y appropriate classificat for a general permit a bove limits and is not chloroethylene (perc) | s number eligible for a gener | above | |

| 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? | I 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 | ПN | □NA |
| 5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications? | □ Y | ΠN | □NA |
| PART IV: PROCESS VENT CONTROLS | | | |
| In Part II-A: | | | |
| If classification (1) has been checked, no controls are required. Proceed to P | art V. | • | |
| If classification (2) has been checked, the machine should be equipped with a (complete A below) | | rated con | denser |
| If classification (3) has been checked, the machine should be equipped with condenser or a carbon adsorber (complete A and B below). Carbon adsorber installed prior to September 22, 1993. | either 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) | irces: | | |
| 1. Equipped all machines with the appropriate vent controls? | ₫ Y | ΠN | |
| 2. Equipped dry-to-dry machines with a closed-loop vapor venting system? | \mathbf{Z} Y | ΩN | ☐ NA |
| 3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door? | ₫ Y | ΩN | □ NA |
| 4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly bi-weekly basis? | A 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? | ΔY | ď 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? | ɗy □n |
| 2. Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly? Is the temperature differential equal to or greater than 20°F? | OY ON ONA |
| 3. Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is venting to the adsorber, if machines are equipped with a carbon adsorber? Is the perc concentration equal to or less than 100 ppm? | □Y □N □NA □Y □N □NA |
| 4. Assured that the sampling port on the carbon adsorber exhaust for measuring perc. concentrations is at least 8 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 |
| | |
| 6Routed airflow to the carbon adsorber (if used) at all times? | OY ON ONA |
| PART V: RECORDKEEPING REQUIREMENTS | |
| | |
| PART V: RECORDKEEPING REQUIREMENTS | |
| PART V: RECORDKEEPING REQUIREMENTS Has the responsible official: (check appropriate boxes) | |
| 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? | |
| 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: | Y ON Y ON MY ON MY ON MY |
| 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; | ✓Y □N ✓Y □N ✓N OY □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? | Y ON Y ON MY ON MY ON MY |
| 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) | MY ON MY 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? | Y ON Y ON Y ON Y NA OY ON Y NA OY ON Y 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? 6. Maintained startup/shutdown/malfunction plan? | Y ON Y ON Y ON Y NA OY ON Y NA OY ON Y NA OY ON Y NA |

| PA | ART VI: LEAK DETECTIO | N AN | D REP | PAIRS_ | | | |
|----|---|-----------------------------|-----------------|--------------|------------------------------|---------------------------|---|
| 1. | Does the responsible official c inspection? | onduc | t a wee | ekly (for s | mall sources, vi-weekly leak | detect | ion and repair |
| 2. | Has the facility maintained a le | ak log | y ? | | | \mathbf{Y} | \square_{N} |
| 3. | Does the responsible official c | heck t | he follo | owing are | as for leaks: | | |
| | Hose connections, fitting couplings, and valves | ₫y | ·□N | □NA | Muck cookers | □Y | □n ばna |
| | Door gaskets and seating | ₫Y | \square_{N} | \square NA | Stills | ĽΥ | □n □na |
| | Filter gaskets and seating | $\mathbf{\Xi}_{\mathbf{Y}}$ | \square_{N} | □NA | Exhaust dampers | ĭ⊈Y | □n □na |
| | Pumps | ☑Y | \square_{N} | □NA | Diverter valves | \mathbf{Y} | □n □na |
| | Solvent tanks and containers | $\mathbf{v}_{\mathbf{Y}}$ | \square_{N} | □NA | Cartridge Filter housing | $\mathbf{T}_{\mathbf{Y}}$ | □n □na |
| | Water separators | ΨY | ŪΝ | □NA | | | |
| 4. | 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 | rc vap | or con | centration | s in a range of 0-500 ppm. | | DY ON |
| | b. Calibrated against a stan | dard g | as prio | r to and af | ter each use(PID/FID only). | | $\square_{\mathrm{Y}} \square_{\mathrm{N}}$ |
| | c. Inspected for leaks and c | bvious | s sign s | of wear of | a weekly basis? | | □y □n |
| : | d. Kept in a clean and secu | ire are | a wher | not in us | ee. | | $\square_{Y} \square_{N}$ |
| | e. Verified for accuracy by | use of | duplic | ate sample | es (calorimetric only)? | | \square_{Y} \square_{N} |
| | Teff Morris Inspector's Name (Please Print) Approximate Date of Next Inspection The Morris Approximate Date of Next Inspection | | | | | | |
| | . " \ " / / | | | | | | |

poid psof

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

| FACILITY NAME: | Betty's Launderette | DATE: | 1/10/01 |
|---|--|--------------------------|--------------------------------|
| FACILITY LOCATION: | 8101 4th Street North | | 7 |
| | St. Petersburg, FL, 33702 | | |
| | | | |
| Annual Reporting Period: | August 18, 20 00 | To Janu | 10 01 20 01 |
| | n of the Title V general air permit, m 213.300, Florida Administrative Coo | | |
| IF NO , complete the following: #1. Term or condition of the ge above: | neral permit that has not been in cor | ntinuous compliance duri | ng the reporting period stated |
| Exact period of non-compliance | : from | to | |
| Action(s) taken to achieve comp | oliance: | | |
| Method used to demonstrate con | npliance: | | |
| #2. Term or condition of the ge above: | neral permit that has not been in con | ntinuous compliance duri | ng the reporting period stated |
| Exact period of non-compliance | : from | to | |
| Action(s) taken to achieve comp | | | |
| Method used to demonstrate con | npliance: | | |
| | | | |
| statements made in this notificat | reby certify, based on information artion are true, accurate and complete ages of purchase receipts, does not der or combination facilities. | Further, my annual cons | sumption of perchloroethylene |
| RESPONSIBLE OFFICIAL: | Betty Stefani | Betty Stefs | ni ges 10,01 |
| | (Name, Please Print) | Şı/gnatur¢∕ | U 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.

| TYPE OF IN | SPECTION: | ANNUAL | COMPLAIN | T/DISCOVER | Y 🚨 . 1 | RE-INSPECTION | 1 <u>₽</u> ~w |
|------------|--------------|----------------|---|------------|---------------|-------------------------|---------------|
| AIRS ID#: | 1030413 | DATE: | 1/03/01 1 2/21/00- | TIME IN: | 9:20aa | TIME OUT: 4 | 0:05a.r |
| FACILITY | NAME: | _Betty's | Launderette | e | | | · . |
| FACILITY | LOCATION: | 8101 4th Stre | et North | | | | |
| | | St. Petersburg | g, FL, 33702 | | | | |
| RESPONSI | BLE OFFICIAL | Betty Stefa | ni | | Phone N | o.: <u>526-6</u> | 0207 |
| · | Permit No. | 1030413 | -001-AG | Exp. Date: | 12/5 | /02 | |
| ⊴⁄ | | • | iance requirements e 13.300, Florida Adm | _ | • | on, the facility is for | and to be in |
| | | - | iance requirements of tems which are chec | _ | this inspecti | on, the following co | mpliance |

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). |
| ¹□ | 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: | |
| | | · · · · · · · · · · · · · · · · · · · |
| | <u> </u> | · |
| | • | ctions are required, you must take immediate corrective perform a follow-up inspection to determine that proper |
| | Inspection Conducted by: | CE Morris |
| | Inspector's Signature: | the strance |
| | Phone Number: 464 4 | 42/2 ed 2 of 2 |
| | . па | |



PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION:



COMPLAINT/DISCOVERY

| | | · | | | |
|---|--------------------------|---------------------------------------|--|---|----------|
| AIRS ID#: 1030413 | Date: 1 | /03/01 2/21/00 | TIME IN: <u>47</u> | <u>عام،</u> FIME OUT: | 10:05am. |
| FACILITY NAME: | Betty's L | <u>aundere</u> | <u>tte</u> | | |
| FACILITY LOCATION: | 8101 4th Stre | et North | | | |
| | St. Petersburg | g, FL, 33702 | | | <u> </u> |
| RESPONSIBLE OFFICIAL: | Betty Stefani | | | PHONE: <u>526-</u> | -6207 |
| CONTACT: | Betty Stefani | · · · · · · · · · · · · · · · · · · · | | PHONE: <u>526-</u> PHONE: <u>526</u> | -6207 |
| PART I: NOTIFICATION | | | | | |
| (Check appropriate box) | | | | | |
| 1. Existing facility notified DAR | M By 9/1/96 | | | | I |
| 2. New facility notified DARM | 30 days prior to | startup | | | |
| 3. Facility failed to notify DARM | A to use general | permit | • | | 📮 |
| | | | · · | | |
| PART II: CLASSIFICATION | | | | | |
| Facility indicated on notification (Check appropriate box) | form that it is: | | No notification Drop store / ou | form t of business / petrole | eum |
| A. 1. Existing small area sourd dry-to-dry only, x<140 gatransfer only, x<200 gally both types, x<140 gallyr (Constructed before 12/9/ | ce 🗹 l/yr r 91) | 2. | New small are dry-to-dry only, transfer only, x both types, x < (Constructed o | a source 7, x<140 gal/yr <200 gal/yr 140 gal/yr n or after 12/9/91) | ٥ |
| 3. Existing large area sourd dry-to-dry only, 140 <x<2, (constructed="" 12="" 140<x<1,800="" 200<x<1,800="" 9)<="" before="" both="" only,="" th="" transfer="" types,=""><th>gai/yi</th><th>4.</th><th>New large are dry-to-dry only transfer only, 2 both types, 140 (Constructed o</th><th>a source 7, 140<x<2,100 gal="" y<br="">1,00<x<1,800 gal="" yr<br="">1,800 gal/yr 1,800 gal/yr 1,9791)</x<1,800></x<2,100></th><th>r ·</th></x<2,> | gai/yi | 4. | New large are dry-to-dry only transfer only, 2 both types, 140 (Constructed o | a source 7, 140 <x<2,100 gal="" y<br="">1,00<x<1,800 gal="" yr<br="">1,800 gal/yr 1,800 gal/yr 1,9791)</x<1,800></x<2,100> | r · |
| This is a correct facility classification | ation: | □n □ c | an not determine | | |
| If no, please check the appro facility qualified for a facility exceeds above | general permit | as number | | | |
| | | | a general permit | · | |

| 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? | Ū∕Y | ΩN | ☐ NA |
| 3. Closing and securing machine doors except during loading/unloading? | \mathbf{Y} | □ N | |
| 4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal? | Y Y | □N | □ na |
| 5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications? | QΥ | □N | NA |
| | | | |
| PART IV: PROCESS VENT CONTROLS | | | - |
| In Part II-A: | | | |
| If classification (1) has been checked, no controls are required. Proceed to Pa | art V. | | |
| If classification (2) has been checked, the machine should be equipped with a (complete A below) | refrige | rated con | denser |
| If classification (3) has been checked, the machine should be equipped with econdenser 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 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? | ΩY | ΠN | |
| 2. Equipped dry-to-dry machines with a closed-loop vapor venting system? | ΩY | □N | □ NA |
| 3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door? | QΥ | ΠN | □NA |
| 4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis? | ΩY | 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 | □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 condense located on dry-to-dry, reclaimer, and dryer machines on a weekly basis? | T OY 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? | □y □n □na □y □n □na |
| 4. Assured that the sampling port on the carbon adsorber exhaust for measuring perconcentrations 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? | |
| 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 | |
| | |
| (check appropriate boxes) | |
| Has the responsible official: (check appropriate boxes) 1. Maintained receipts for perc purchased? | |
| 1. Maintained receipts for perc purchased? | |
| Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? | y on |
| 1. Maintained receipts for perc purchased? | dy on dy on oy on dna |
| 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; | |
| Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following: | OY ON MA |
| 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? | OY ON MA |
| 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) | OY ON MA OY ON MA |
| 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 MA OY ON MA OY ON MA |
| 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? | OY ON MA OY ON MA OY ON MA OY ON MA |

| PA | ART VI: LEAK DETECTIO | N AND | REF | PAIRS | | | |
|----|---|---|----------------------------------|--------------------------------------|--|--|---|
| 1. | Does the responsible official c inspection? | onduct | a wee | ekly (for s | mall sources, bi-weekly) lea | .k detecti ☑Y | ion and repair □N |
| 2. | Has the facility maintained a le | eak logʻ | ? | | | $\mathbf{v}_{\mathbf{Y}}$ | \square_{N} |
| 3. | Does the responsible official c | heck th | e follo | owing are | as for leaks: | | |
| | Hose connections, fitting couplings, and valves | ΞY | □N | □NA | Muck cookers | □Y | □n □na |
| | Door gaskets and seating | Y | \square_N | □NA | Stills | ΠY | □n □na |
| | Filter gaskets and seating | $\mathbf{I}_{\mathbf{Y}}$ | ΠN | \square_{NA} | Exhaust dampers | \square_{Y} | □n □na |
| | Pumps | Y | □N | □NA | Diverter valves | Y | □n □na |
| | Solvent tanks and containers | ĭY | □N | □NA | Cartridge Filter housing | □Y | □n □na |
| | Water separators | □Y | ΠN | □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 (condo (airflow erc odo ng instr | ensed v felt t r) rumen | solvent o through g tation (FI | f exterior surfaces) askets) D/PID/calorimetric tubes) | | ज्ञान । |
| | a Capable of detecting pe | rc vapo | r cond | centration | s in a range of 0-500 ppm. | | □Y □N |
| | b. Calibrated against a stan | dard ga | s prio | to and af | ter each-use(PID/FID only). | , | \square_{Y} \square_{N} |
| | c. Inspected for leaks and o | bvious | signs | of wear or | `\ n a weekly basis? | | □Y □N |
| | d. Kept in a elean and secu | ıre area | when | l not in us | e. | | $\square_{\mathrm{Y}} \square_{\mathrm{N}}$ |
| | e. Verified for accuracy by | use of o | duplic | ate sample | es (calorimetric only)? | | □Y □N |
| | Inspector's Name (Please Prin | it) | | | Date of In 7/3 Approximate Dat |) spection (e of Nexi | t Inspection |



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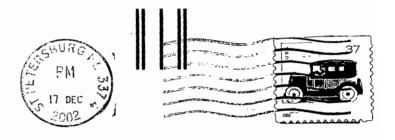
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