

2004 Dry Cleaner Hazardous Waste & Air Quality Compliance Report

1. **Business Name:** _____ **DEQ HW ID No. (IF KNOWN) OR** _____
☛ If business has moved, Please call 503-229-678
Street address of business: _____
Current business name, if different from above: _____

2. **Did this business close during 2004?** Yes Date of closure ____/____/2004 No

3. **Did the business ownership of this facility change in 2004?** Yes No
☛ If yes, answer a, b, and c below and then make changes to questions 4, 5, and 6.
 a. If yes, date of change ____/____/____
 b. If yes, indicate one of the following: I represent the current owner of this facility
 I represent the previous owner of this facility
 c. If yes, which months in 2004 are you reporting for? _____

☛ Verify the information in the left column, and make any corrections in the right column:

4. **The listed owner of:** _____ **is:** **New owner information here:** ▼

Name: _____	Name: _____
Address: _____	Address: _____
City, St -Zip _____	City, St -Zip _____
Phone: _____	Phone: _____

5. **The listed property owner on which** _____ **is located is:** **New property owner information here:** ▼

Property Owner Name: _____ OR	Property Owner Name _____ OR
Property Mgt Contact Name _____	Property Mgt Contact Name: _____
Address: _____	Address: _____
City, St -Zip _____	City, St -Zip _____
Phone: _____	Phone: _____

6. **The mailing address for** _____ **is:** **New mailing information here:** ▼

Name: _____	Name: _____
Address: _____	Address: _____
City, St -Zip _____	City, St -Zip _____

7. **a. Do you dry clean at this location?** Yes No Yes, but stopped in 2004
b. If no, do you accept clothes at this location for dry cleaning at another location (i.e., act as a dry store)?
 Yes No Yes, but stopped in 2004

8. **Hazardous waste generator status:**
 What was the generator status for _____ in 2004?
 Dry cleaner generating more than 2,200 lbs. of hazardous waste per month.
 Dry cleaner generating more than 220 lbs. of hazardous waste per month.
 Dry cleaner generating 220 lbs. or less of hazardous waste per month.

All dry cleaners must answer questions 9 through 15.

9a. What types of dry cleaning solvent do you use and how much of each solvent did you purchase in 2004?

Solvent Used (Check all that apply)

Gallons Purchased

- Hydrocarbon (such as, Stoddard Exxon DF 2000 Puredry _____ Gallons purchased in 2004
 Shell Sol 142HT/D60 HC-DCF/Eco-Solv Isopar)
 Impress _____ Gallons purchased in 2004
 Green Earth Solution _____ Gallons purchased in 2004
 Rynex _____ Gallons purchased in 2004
 Perchloroethylene (Perc) Complete the monthly chart below for gallons purchased in 2004.

Month	Perc Purchased (in gallons)	Month	Perc Purchased (in gallons)
January		July	
February		August	
March		September	
April		October	
May		November	
June		December	

9b. Total quantity of perc solvent purchased in 2004 _____ Gallons

9c. Who are your solvent suppliers? _____

WASTE MANAGEMENT INFORMATION

Still Bottoms

10. Total Quantity of Still Bottoms Generated In 2004? _____ Pounds **or** _____ Gallons

11. Total Quantity of Still Bottoms Remaining Onsite at the end of 2004? _____ Pounds **or** _____ Gallons

12. How many times did you ship still bottoms offsite in 2004? _____ Times

13. What is the total quantity of still bottom waste you shipped offsite in 2004?

_____ Pounds **or** _____ Gallons

14. To what facility do you ship your hazardous waste (Still bottoms, Filters & Lint, and Wastewater)?

- Safety Kleen Technichem Phillips Romic

Local hazardous waste collection event Other, Please name _____

Remember to keep a copy of invoices for each waste shipment in your permanent records. You are required to retain copies onsite for 5 years.

Machine Filters & Lint (includes filters, button trap clean out, and lint. Does not include wastewater filters).

15. What type of filtration system does your dry cleaning machine have?

- Machine 1 Cartridge filters Spin Disc with powder Spin Disc w/o powder No filters
 Machine 2 Cartridge filters Spin Disc with powder Spin Disc w/o powder No filters

If you did not generate cartridge filter waste skip to question 20

16. What type of cartridge filters and how many filters did you dispose of in 2004?	
Type of cartridge filter	Number of cartridge filters disposed in 2004
Standard filter (8 in. wide by 13 in. long, 20 lb.)	
Split filter (13 in. wide by 9 in. long, 40 lb.)	
Jumbo filter (13 in. wide by 30 in. long, 60 lb.)	
17. Total quantity of cartridge filters generated in 2004? _____ Pounds or _____ # of Filters	
18. How many times did you ship waste cartridge filters offsite in 2004? _____ Times	
19. Total quantity of cartridge filters remaining onsite at the end of 2004? _____ Pounds or _____ # of Filters	
20. Were button trap clean out, lint and all other machine clean out mixed with still bottoms?	
<input type="checkbox"/> Yes <input type="checkbox"/> No If no, describe _____	
Remember to keep a copy of invoices for each waste shipment in your permanent records. You are required to retain copies onsite for 5 years.	

Wastewater from Water Separators

☛ All dry cleaners must answer question 21

21. What do you do with the solvent contaminated wastewater from the water separator?

- Ship it offsite with other hazardous waste. ☛ **Go to questions 22 through 26**
 Use a commercial evaporator or mister to treat wastewater onsite. ☛ **Go to questions 27 to 33.**
 Other, please describe _____

The dry cleaner law prohibits dry cleaners from disposing solvent contaminated wastewater from the water separation process of the dry cleaning machine to a sewer, a septic system, boiler, the ground or to waters of the state. This prohibition leaves dry cleaners two options for proper management of their solvent contaminated wastewater that is a hazardous waste. They can either *(1) drum it up and ship it offsite to a hazardous waste facility or (2) treat it onsite in equipment that meets state rules for removal of perc or other solvent and then evaporate or mist the wastewater to the outside air.*

On October 4, 2004 rules were adopted that address specific equipment requirements for treating wastewater onsite. **If you treat hazardous wastewater onsite your equipment must have:**

- A solvent/water separation settling chamber
- At least two filters: An initial filter and a secondary filter that can remove perc in the wastewater to below .7 parts per million before the treated water is discharged to the air.
- An alarm or warning device that alerts the operator to high levels of solvent in the wastewater going to the secondary filter.
- A shut-off valve that shuts down the unit when the initial filter becomes saturated with solvent and the filter must be changed. (a shut-off valve is only required for perc operations).
- An operation and maintenance manual for the wastewater treatment unit must be kept onsite at all times.
- Adequate processing capacity so you do not accumulate or store untreated wastewater onsite.

In addition, the discharge of treated wastewater must have adequate ventilation or must be evaporated or misted to the outside air, such that no liquid deposition or accumulation occurs and the discharge does not create a nuisance. Used filters from the waste water treatment unit must be placed in your hazardous waste drum.

☛ Go to page 4.

Offsite Shipment of Wastewater

If you ship wastewater offsite, answer questions 22 through 26 and then go to question 37, page 5.

22. Total quantity of wastewater generated in 2004? _____ Pounds **or** _____ Gallons

23. How many times did you ship wastewater offsite in 2004? _____ Times

24. Total quantity of wastewater remaining Onsite at the end of 2004? _____ Pounds **or** _____ Gallons

25. Was this wastewater mixed with still bottoms or drummed separately?

mixed with still bottoms

drummed separately

Other _____

26. What was the total quantity of wastewater shipped offsite in 2004? _____ Pounds **or** _____ Gallons

Remember to keep a copy of invoices for each waste shipment in your permanent records. You are required to retain copies onsite for 5 Years

Onsite Treatment of Wastewater

If you treat wastewater onsite in an evaporator or mister, answer question 27 through 33 and then go to question 36, page 5.

27. What is the name and model number/type of your commercial wastewater evaporator/mister?

Name _____ Model _____

28. How and where does your wastewater treatment equipment vent treated wastewater?

Evaporates the water using heat or steam to the outside air.

Evaporates the water using heat or steam inside the building.

Mists or atomizes the water using compressed air to the outside air.

Mists or atomizes the water using compressed air inside the building.

29. Does your wastewater evaporator/mister have? Check all that apply:

Permanent piping or tubing that delivers wastewater from the dry cleaning machine water separator to the evaporator/mister?

An additional water/perc separator chamber?

2 filters?

An alarm between the filters?

A shut off valve between the filters?

Other components _____

30. Do you have secondary containment for the wastewater evaporator/mister? Yes No

31. What material is the wastewater evaporator secondary containment made of? _____

32. a. How many gallons per month of wastewater do you generate at your facility? _____ Gals/Mth.

b. Is this an estimate of monthly wastewater generation?

Yes

No

c. Do you keep track of monthly wastewater generation on the compliance calendar?

Yes

No

d. Do you treat all the wastewater you generate in your evaporator/mister?

Yes

No

33. How many treatment filters or pounds of carbon did you replace in your wastewater evaporator/mister in 2004?

_____ Number of filters **or** _____ Pounds of carbon

Go to page 5 and answer questions 34 through 49.

INFORMATION ABOUT ANY NEW OR ADDITIONAL DRY CLEANING MACHINE

Review the enclosed preprinted page 5 that shows information about your dry cleaning machine from last year's dry cleaner annual report. Complete questions 34 through 47 if you have an additional dry cleaning machine or new dry cleaning machine

34. What type of cleaning equipment is installed at your facility? (Check all that apply)

Transfer machine How many? _____
Dry-to-dry machine How many? _____
Wet-cleaning equipment (Aqua Chem, Aqua Tech) How many? _____

35. What is the make, model and cleaning capacity (in pounds) of your dry cleaning machine(s)?

Machine 1 Make _____ Model _____ Cleaning capacity _____ lbs.
Machine 2 Make _____ Model _____ Cleaning capacity _____ lbs.

36. Was your machine new or used when it was installed?

Machine 1 New Used Do not know
Machine 2 New Used Do not know

37. When was this machine installed?

Machine 1 Month _____ Year _____ Do not know
Machine 2 Month _____ Year _____ Do not know

38. Do you have a refrigerated condenser on your dry cleaning machine?

Machine 1 Yes No Do not know
Machine 2 Yes No Do not know

39. Does the refrigerated condenser have a temperature-measuring device on the outlet side of the condenser?

Machine 1 Yes No Do not know
Machine 2 Yes No Do not know

40. Do you have secondary containment under and around the dry cleaning machine sufficient to contain 110% of the largest solvent tank on your dry cleaning machine?

Machine 1 Yes No
Machine 2 Yes No

41. How many solvent tanks does your dry cleaning machine have? Machine 1 _____ tanks Machine 2 _____ tanks

42. What is the maximum volume of solvent (in gallons) your solvent tanks can hold?

Machine 1 _____ gals. Machine 2 _____ gals.

43. Do you collect wastewater from the machine water separator in a closed bucket or closed container?

Machine 1 Yes No Machine 2 Yes No

44. Does this bucket or container have secondary containment?

Machine 1 Yes No
Machine 2 Yes No

45. Do you have secondary containment under your hazardous waste storage containers?

Yes No

46. Do you have secondary containment under any onsite solvent storage?

Yes No

47. Have you had any spills, leaks or releases outside of any of your containment pans (dry cleaning machine, wastewater treatment unit, hazardous waste storage containers or solvent storage) that exceeded 1 cup in 2004?

Yes No

PERC AIR QUALITY INFORMATION

☛ **If you do not use Perchloroethylene skip questions 48 through 50, and sign the certification statement at bottom of the page.**

☛ **If you use Perchloroethylene answer questions 48 through 50, and then sign the certification statement at bottom of the page.**

48. Do you monitor and record the temperature at the outlet of your refrigerated condenser?

Yes You must *submit a copy of a single page from your log/calendar that shows you are monitoring your refrigerated condenser temperature weekly.*
(Remember to put your company name and address at the top!)

No

Note: To avoid excessive perc emissions all dry cleaners are required to:

- weekly monitor and keep a log of refrigerated condenser outlet temperatures and
- inspect the dry cleaning machine for leaks and make repairs. A log of weekly inspections is required for all dry cleaners. To demonstrate compliance with air quality regulations all dry cleaners are required to:
- submit a copy of a single page from your temperature and leak inspection log with this report.

49. Do you keep a machine leak detection and inspection log/calendar as required by the Clean Air Act?

Yes You must *submit a copy of a single page from your log/calendar that shows you are monitoring for leaks and the repairs you have made.*
(Remember to put your company name and address at the top!)

No

50. Is perc delivered into your machine using a closed, direct-coupled delivery system?

Yes **No**

☛ **All dry cleaners must sign the certification statement below.**

CERTIFICATION OF ACCURACY

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine. I am aware that failure to complete the Annual Dry Cleaner Hazardous Waste And Air Quality Compliance Report may cause an air quality permit to be issued for my business and may affect my eligibility to access The Dry Cleaner Environmental Response Account.

Signature

Date

Name (please print)

Title (please print)

REMEMBER TO MAKE A COPY OF THIS REPORT FOR YOUR RECORDS.