PERCHLOROETHYLENE DRY CLEANERS
COMPLIANCE INSPECTION CHECKLIST

Environmental Compliance

INSPECTION TYPE: ANNUAL (INS1, INS2) ☐ COMPLAINT/DISCOVERY (CI) ☐
RE-INSPECTION (FUI) ☒ ARMS COMPLAINT NO:

AIRS ID#: 103 0340	**Date:** 10/7/2008	**Time In:** 1:40PM	**Time Out:** 1:50PM
Facility Name:	Scott's Northwood Cleaners	*IS **OUT OF BUSINESS***	
Facility Location:	2454 McMullen Booth Road	***SPIRIT CLEANERS** TOOK OVER*	
	Clearwater, FL, 33759	*IS **DROP STORE ONLY***	
Responsible Official:	James R. Scott, Jr. N/A	**Phone No:**	727-726-1677
Emis. Unit Description:	Existing, Large Perchloroethylene Dry Cleaner: One Dry-to-dry Machine (1991) controlled by a refrigerated condenser. An exempt 15 HP, natural gas fired boiler is on-site.		
Permit Number:	1030340-003-AG	**Exp. Date:**	3/18/09
Facility Contact:	James R. Scott, Jr. (retired)	**Phone:**	727-726-1677
Compliance Status:	☒ **IN** ☐ **MNC** ☐ **SNC**		

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:
☐ No Notification Form ☒ Drop-Off Store ☐ Out of business ☐ Petroleum Solvent Only

A.

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

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

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

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

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

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

B. Highest 12-month consecutive total of perchloroethylene purchased in the preceding 12-month period: ___N/A___ Gallons. ***The Dry to Dry Machine was removed (See photos)***

PART III: GENERAL CONTROL REQUIREMENTS

Is the responsible official of the dry cleaning facility: (Check appropriate boxes)			N/A
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?	☐ 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 ratio, steam pressure for carbon adsorber beds according to manufacturer specifications?	☐ Y	☐ N	☐ NA

PART IV: PROCESS VENT REQUIREMENTS

In Part II-A:			
If classification **(1)** has been checked, no controls are required. **Proceed to Part V.**			
If classification **(2)** has been checked, the machine should be equipped with a refrigerated condenser (complete A below)			
If classification **(3)** has been checked, the machine should be equipped with either a refrigerated condenser or a carbon adsorber (complete A and B below). A Carbon adsorber must have been installed prior to September 22, 1993.			
If classification **(4)** has been checked, 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 control?	☐ Y	☐ N	
2. Equipped dry-to-dry machines with a closed-loop vapor system?	☐ Y	☐ N	☐ NA
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	☐ Y	☐ N	☐ NA
4. Measured and recorded the temperature of the outlet exhaust from a refrigerated condenser on a weekly basis?	☐ Y	☐ N	
5. Repaired or adjusted within 24 hours if the exhaust temperature of the condenser exceeded 45o F?	☐ Y	☐ N	☐ NA
6. Conducted all temperature monitoring after appropriate cool down period and after verifying the coolant had been completely charged?	☐ Y	☐ N	

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

1. Measured and recorded the exhaust temperature on the outlet side of the condenser located on dry-to-dry, reclaimer, and dryer machines on a weekly basis?	☐Y	☐N	
2. Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly?	☐Y	☐N	☐NA
Is the temperature differential equal to or greater than 20^{o} F?	☐Y	☐N	☐NA
3. Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is venting to the adsorber, if machines are equipped with a carbon adsorber?	☐Y	☐N	☐NA
Is the perc concentration equal to or less than 100 ppm?	☐Y	☐N	☐NA

4.	Assured that the sampling port on the carbon adsorber exhaust for measuring perc. concentrations is at least 8 duct diameters downstream of any bend, contraction, or expansion; is at least 2 dust diameters upstream from any bend contraction, or expansion; and downstream from no other inlet?	☐Y ☐N ☐NA
5.	Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	☐Y ☐N ☐NA
6.	Routed airflow to the carbon adsorber (if used) at all times?	☐Y ☐N ☐NA

PART V: RECORDKEEPING REQUIREMENTS

Has the responsible official:
(Check appropriate boxes)

1.	Maintained receipts for perc purch[illegible]	☐Y ☐N
2.	Maintained rolling m[illegible] [illegible]onsumpti	☐Y ☐N
3.	Maintained leak detectio[illegible] [illegible]ports for the following:	
	a. Documentation [illegible]s repaired w/in 24 hrs? or;	☐Y ☐N ☐NA
	b. Documentation o[illegible] ordered to repair leak and leak repaired w/in 2 days and parts installed w/i[illegible]ays of receipt?	☐Y ☐N ☐NA
4.	Maintained calibration data? *(direct reading instruments only*)	☐Y ☐N ☐NA
5.	Maintained exhaust duct monitoring data on perc concentrations?	☐Y ☐N ☐NA
6.	Maintained startup/shutdown/malfunction plan?	☐Y ☐N
7.	Maintained deviation reports?	☐Y ☐N ☐NA
	Problem corrected?	☐Y ☐N ☐NA
8.	Maintained compliance plan, if applicable?	☐Y ☐N ☐NA

PART VI: LEAK DETECTION AND REPAIRS

1.	**Does the responsible official conduct a weekly leak detection and repair inspection?**	☐Y	☐N
2.	**Which method of detection does the responsible official use?**	☐Y	☐N
	Visual examination (condensed solvent of exterior surfaces)	☐	
	Physical detection (airflow felt through gaskets)	☐	
	Odor (noticeable perc odor)	☐	
	Use of direct-reading instrumentation (FID/PID/calo[illegible]tric tubes)	☐	
	If using direct-reading instrumentation, is the equipm[illegible]	☐Y	☐N
	a. Capable of detecting perc vapor concentrations [illegible]700 ppm	☐Y	☐N
	b. Calibrated against a standard ga[illegible]ior to and aft[illegible] only).	☐Y	☐N
	c. Inspected for leaks and obvious[illegible] of wear on [illegible]asis	☐Y	☐N
	d. Kept in a clean and [illegible] area w[illegible]t in use.	☐Y	☐N
	e. Verified for accurac[illegible]amples ([illegible]orimetric only)?	☐Y	☐N
3.	**Has the facility maintained a [illegible]s?**	☐Y	☐N
4.	**The following area should be ch[illegible] for lea[illegible]y the inspector:**	☐Y	☐N

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

N/A

Shea Jackson	10/7/2008
Inspector=s Name (Please Print)	Date of Inspection
Inspector=s Signature	Date of Next Inspection

ADDITIONAL SITE INFORMATION

Facility Name:	Scott's Northwood Cleaners
ARMS #:	103 0340

1/18/2006 – Inspection Mr. James Scott stated the dryer drum was frozen in place and dry to dry is inoperable, facility is operating as drop store, and sending clothes out to Spirit Cleaners for dry cleaning.
2/6/2007 – Inspection the facility was taken over by Spirit Cleaners after James R. Scott retired. Margie Rutherford stated the Dry to Dry equipment still broken down and equipment would be drained and removed.
12/13/2007 – Inspection Spirit Cleaners continues to operate as a drop store only and the Dry to Dry Equipment remains in non use.
***7/15/2008** - Spirit cleaner's **sends rescind permit** letter and informs of the plan to have Dry to Dry removed and drained by 8/5/2008.*
10/7/2008 - Inspection performed and observed the dry to dry had been removed from facility (See photo)
10/8/2008 - The permit will be rescinded. The source will be inactivated and the file will be closed.

ADDITIONAL SITE INFORMATION

Facility Name:	Scott's Northwood Cleaners
ARMS #:	103 0340

Machine #1:	***Equipment was disconnected***			
Manufacturer	***Drained and removed.***	Capacity	lbs	
Model#	*Economatic 3226*	Serial#	Mfg yr	1991
Machine #2:				
Manufacturer		Capacity	lbs	
Model#		Serial#	Mfg yr	

Notification (unpermitted sources only):

1. Was the facility assisted in filling out the notification by the inspector?	☐Y	☐N
2. Did the facility insist on filling out its own notification, and will send it to FDEP?	☐Y	☐N

Record keeping :

1. Does facility have statement/specs as to the design accuracy of the temperature sensor? (Temperature of 45EF w/accuracy ∀2EF, or 7.2EC w/accuracy of ∀1.1EC)	☐Y	☐N

Hazardous Waste:

1. Is all perc. contaminated wastewater either treated or disposed of properly?	☐Y	☐N
2. If wastewater is evaporated, is it an approved system, and using carbon filtration?	☐Y	☐N
3. Does the facility have secondary containment for the dry-dry machine?	☐Y	☐N
4. Does the facility have secondary containment for any perc. waste containers?	☐Y	☐N

Boiler:

Manufacturer		Hp
Model #	Serial #	Mfg yr

Fuel Type: Natural gas? ☐ Propane? ☐ Fuel oil? ☐

Comments: ***Removed***

Scott's Northwood Cleaners

2454 McMullen Booth Road, Clearwater

Project Id: 65699 **Permit No:** 1030340-003-AG **Arms Number:** 0340

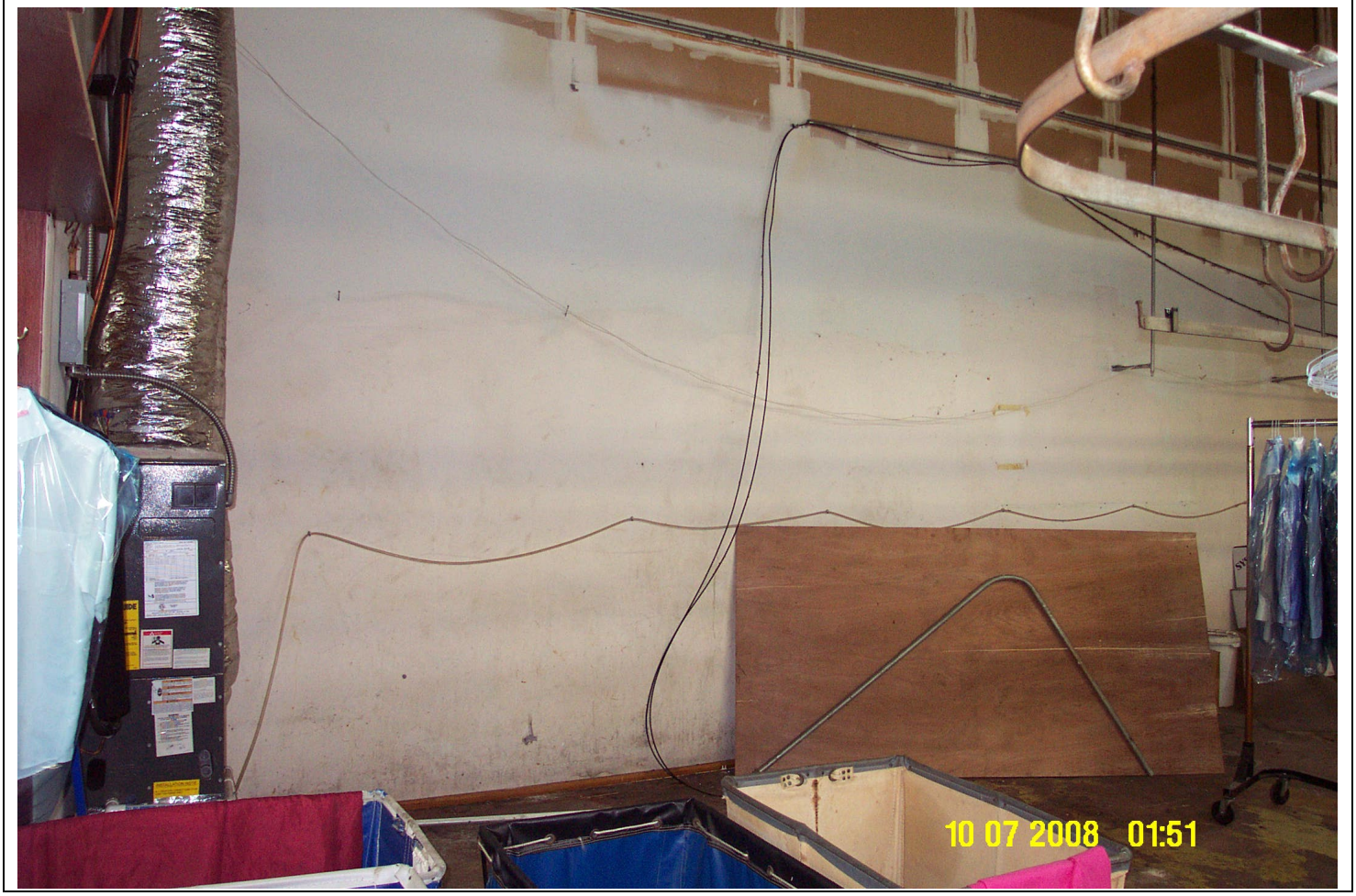
Inspector: Shea Jackson **Inspection Date:** 10/7/08

Source (EU): Existing, Large Perchloroethylene Dry Cleaner: One Dry-to-dry Machine (1991) controlled by a refrigerated condenser. An exempt 15 HP, natural gas fired boiler is on-site.

Description: -The facility is owned by Spirit Cleaners, instead of Scott's Cleaners

Scott's Northwood Cleaners

2454 McMullen Booth Road, Clearwater



Project Id: 65699 **Permit No:** 1030340-003-AG **Arms Number:** 0340

Inspector: Shea Jackson **Inspection Date:** 10/7/08

Source (EU): Existing, Large Perchloroethylene Dry Cleaner: One Dry-to-dry Machine (1991) controlled by a refrigerated condenser. An exempt 15 HP, natural gas fired boiler is on-site.

Description:-The facility owned by Spirit Cleaners, has had the dry to dry machine removed. The permit rescind letter requested close permit and file