

Department of **Environmental Protection**

Lawton Chiles Governor

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

Virginia B. Wetherell Secretary

January 27, 1997

Mr. Billy E. Patton Highland Cleaners 97 Highland Avenue Largo, Florida 33770

Facility I.D. No. 1030339

Dear Mr. Patton:

The Department has received the Title V General Permit Notification Form for the dry cleaning facility that you submitted on September 3, 1996.

Please note that in January of each year the Department will be mailing fee notices to those facilities using the Title V general permit. This annual operation fee is \$50 and it is due and payable between January 15 and March 1 of each year the facility is in operation and is subject to the requirements of the Title V general permit.

If you have or expect to have any changes in your mailing address, location address, responsible official, or phone number, please notify the Department at the following address:

Title V General Permits Office Bureau of Air Monitoring and Mobile Sources, MS 5510 Department of Environmental Protection 2600 Blair Stone Road Tallahassee, Florida 32399-2400

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

Sincerely,

Dotty Diltz, Chief Bureau of Air Monitoring

and Mobile Sources

DD/jw

cc: Mr. Louis Fernandez, Southwest District

AERS-ID#: 1030390

RECEIVED Revised 10/10/9

DRY CLEANER AIR QUALITY GENERA ANNUAL COMPLIANCE CERTIFICATION Monitoring & Mobile Sources

d Would Sources
FACILITY NAME: Highland Cleaners DATE: 8/19/97
FACILITY LOCATION: 97 Highland Ave
Largo, FL 33770
Annual Reporting Period: August 19, 1996 TO August 19, 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:
Monthly purchase records were not maintained
Exact period of non-compliance: from August 19, 1996 to August 19, 1997
Action(s) taken to achieve compliance: Develop and implement a record keep
Action(s) taken to achieve compliance: Develop and implement a record keep procedure that maintains months Procedure that maintains months purchases as a 12 month rolling av
#2. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:
traporator for separator wastewater ages not
incorporate a prefiltration system Exact period of non-compliance: from August 19, 1996 to August 19, 1997
Action(s) taken to achieve compliance: Facility may choose to either
Method used to demonstrate compliance: dispose bf pete-containing separate water as a hazardnus waste or
incorporate a earbon filtration syste
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: BILLY E. PATTON BULL 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.

#1030339

•	
	Highland Cleaners
	Spoke with Billy Patton-9/30/96- faxed and mailed last page
	Taxed and mailed last page
	1/0) 0/1/1/0 0/1/1/1/1/2
-P.14	1.1a) add date control device installed
· · · · · · · · · · · · · · · · · · ·	11/1/ mark out 11X// and with
	1. (c) mark out 11X11 and initial 3. Should be new large area Source
	Source
D.15	4. Should be new large area
7 7	4. Should be new large area Source W/refrig. Con.
·	J
	
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RECEIVED

AIRS ID#: 1030399

ISEP 9 1997

Revised 10/10/9

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FOR Mobile Sources

·	
FACILITY NAME: Highland Cleaners DATE: 8/19/0	7
FACILITY LOCATION: 97 Highland Ave.	
Largo / Fl 33770	
Annual Reporting Period: August 19, 1996 TO August 19, 199	7
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:	:
Could not confirm that temperature sensor	<u>~</u> &
designed to measure 45°F with an accuracy of t2° Exact period of non-compliance: from August 19, 1996 to August 19, 199	F
Action(s) taken to achieve compliance: Obtain verification from manufac	ctu
Method used to demonstrate compliance: that the temperature sensor is des	2
#2. Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:	
Did not measure and record outlet temporatu	
of the refrigerated condenser on a weekly besis Exact period of non-compliance: from August 19, 1997	<u></u>
Action(s) taken to achieve compliance: Develop and implement a monitor	io
Method used to demonstrate compliance: Program, Measure and record the function of a weekly b	e Vas
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: BILLY E. BATTON BULL PORTLE 3/19/97	
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 INSPECTION: ANNUAL T	COMPLAINT/DISCOVERY	′ □	RE-INSPECTION
TIME IN: 11:45 a.m. TIME OUT	: 1:00 p.m.	AIRS ID#	1030339 001
TYPE OF FACILITY: Perchloroethyle	ne Dry Cleaner		
FACILITY NAME: Highland Clear	ners	DATE: Aug	ust 19, 1997
FACILITY LOCATION: 97 Highland Av	e., Largo, FL 34640		
RESPONSIBLE OFFICIAL: Billy Patton	PHON	IE NUMBER	: (813) 581-0613
Based of the results of the compliance required to be in compliance with DEP Rule 62-213 Based on the results of the compliance required compliance discrepancies were noted: COMPLIANCE REQUIREMENT/PROBLEM	.300, Florida Administrati airements evaluated during	ve Code (F.A this inspection	C.).
Monthly purchase records were not maintained as a twelve month rolling average.	Develop and implement a maintains monthly purcharolling average.	-	- •
Could not confirm that temperature sensor was designed to measure 45°F with an accuracy of ±2°F.	Obtain verification from the temperature sensor is designated accuracy of ±2°F, or detection the Department would contain the department would be accurated as the department of the department would be accurated as the department of the department would be accurated as the department of	igned to meas ermine this by	sure 45°F with an y another method that
Evaporator for separator wastewater does not incorporate a pre-filtration system.	Facility may choose to eigenvature as hazard filtration system with the guidelines).	ous waste, or	incorporate a carbon
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 and record the outlet temptemperature, measured at not exceed 45°F.	perature on a	weekly basis. The
The Annual Compliance Certification form has been properl DATE OF NEXT INSPECTION: INSPECTION CONDUCTED BY:	ly certified and submitted to the September 2 (Approximate) (Please Print)	Morris	Yes ☑ No □

Revised 10/96

Perchloroethylene Dry Cleaning Facility Notification

Facility Name and Location

1.	Facility Owner/Company Name (Name of corporation, agency, or individual owner):
	BILLY E. & Earline PATTON
2.	Site Name (For example, plant name or number):
	Highland Cleaners
3.	Hazardous Waste Generator Identification Number:
	FLD 983174971
4.	Facility Location:
	Street Address: 97 High I Ave. City: Largo County: Pinellas Zip Code: 33770
	City: Largo County: Pinellas Zip Code: 33770
5.	Facility Identification Number (DEP Use):
	1030339
<u> </u>	
	Responsible Official
6.	Name and Title of Responsible Official:
	BILLY E. PATTON, OWNER
7.	Responsible Official Mailing Address:
	Organization/Firm: Highland Cleaners Street Address: 97 Highland Are
	City: Largo County: Pinelly 5 Zip Code: 33773
	Responsible Official Telephone Number: Telephone: (\$\forall z \) \(\forall z \) - \(\forall z \) Fax: () -
	Telephone: (\$13) 581 - 00013 Fax: () -
	Facility Contact (If different from Responsible Official)
9.	Name and Title of Facility Contact (For example, plant manager):
10.	Facility Contact Address:
	Street Address:
	Street Address: City: Zip Code:
	Facility Contact Telephone Number:
	Telephone: () - Fax: () -

RECEIVED

SEP 3 1996

Highland Cleaners 97 Highland Ave. Largo, Florida 33770

The Perchloroethylene usage over the past 12 months is based on our Old Dry Cleaning machine.

We installed a brand new refrigerated machine on Aug. 19, 1996 so our usage will be a LOT less during the next 12 months.

Bill Patton, Owner Highland Cleaners

Facility Information

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

Type of Machine	ID	Date Machine Initially Purchased	Date Control Device Installed	ID	Date Machine Initially Purchased	Date Control Device Installed	ID	Date Machine Initially Purchased	Date Control Device Installed
Example	#1		12-NOV-93		08-DEC-91	mstaned	#3	02-MAR-92	
Dry-to-Dry Unit				5 J	Something to				
	#1	19 1749 96	_						
(2) w/ carbon adsorber	, , , ,	•							
(3) w/ no controls									
Washer Unit	٠.							1.1	4 1 1 1
(4) w/ ref. condenser									
(5) w/ carbon adsorber									
(6) w/ no controls									
Dryer Unit									try factors
(7) w/ ref. condenser									
(8) w/ carbon adsorber									
(9) w/ no controls									
Reclaimer Unit				1 34 9	100	Distribution of the second		taran jar	
(10) w/ ref. condenser								T	
(11) w/carbon adsorber									
(12) w/ no controls									
(b) Control devices are (c) No control devices 2.(a) What was the total of [569.4] (b) If less than 12 mont Check why it is less	are re quanti gallo	equired to be ty of perchlons ow many? [_	installed [erc)	purchased in				

DEP Form No. 62-213.900(2)

Effective: 6-25-96

(Indicate with an "X".)	If of this notification form?
Existing large area source Carbon adsorber Refrigerated condenser	×
New small area source Refrigerated condenser []	
New large area source Refrigerated condenser	
5. A facility which contains non-exempt emissions units shall not be eligible to use to Rule 62-213.300, F.A.C. Verify that all steam and hot water generating units on 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 m boiler HP or less), and (2) are fired exclusively by natural gas except for periods of during which propane or fuel oil containing no more than one percent sulfur is fired.	of natural gas curtailment
All steam and hot water generating units exempt No such units on-site	
Equipment Monitoring and Recordkeeping Informat	ion
Equipment Monitoring and Recordkeeping Information Check all logs which are required to be kept on-site in accordance with the requires	
Check all logs which are required to be kept on-site in accordance with the required	
Check all logs which are required to be kept on-site in accordance with the requirer (a) Purchase receipts and solvent purchases	
Check all logs which are required to be kept on-site in accordance with the requirer (a) Purchase receipts and solvent purchases (b) Leak detection inspection and repair (c) Refrigerated condenser temperature monitoring (d) Carbon adsorber exhaust perc concentration monitoring	ments of this general permit:
Check all logs which are required to be kept on-site in accordance with the requirer (a) Purchase receipts and solvent purchases (b) Leak detection inspection and repair (c) Refrigerated condenser temperature monitoring (d) Carbon adsorber exhaust perc concentration monitoring	

DEP Form No. 62-213.900(2) Effective: 6-25-96 Surrender of Existing Air Permit(s)

ease indica	te with an "X" the appropriate selection:
	I hereby surrender all existing air permits authorizing operation of the facility indicated in this notification form; specifically, permit number(s)
X i	No air permits currently exist for the operation of the facility indicated in this notification form.
	Responsible Official Certification
this notif statemen maintain	dersigned, am the responsible official, as defined in Part II of this form, of the facility addressed in fication. I hereby certify, based on information and belief formed after reasonable inquiry, that the its made in this notification are true, accurate and complete. Further, I agree to operate and the air pollutant emissions units and air pollution control equipment described above so as to with all terms and conditions of this general permit as set forth in Part II of this notification form.
I will pro	Somptly notify the Department of any changes to the information contained in this notification.
Signature	Date The Date

RECEIVED RECFINED OCT 7 1996

Bureau of Air Monitoring Bureat Mobile Sources & Mu.,,

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

Page 16 of 16

FAST LANE: 1

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BEST AVAILABLE COPY

Surrender of Existing Air Permit(s)

Please indicate with at TX the appropriate selection:

1 hereby surrender all existing air permits authorizing operation of the facility indicated in this notification form; specifically, permit number(s)

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

Responsible Official Certification

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

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

Signature

Date

DEP Form No. 62-213 90(# 1) Effective: 6-25-96

TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF INSPECTION:	ANNUAL 🗆	COMPLAINT/DISC	OVERY 🗆	RE-IN	SPECTION D
TIME IN: 9:55 a.m.	TIME	OUT: 10:15 a.m		AIRS ID#	1030339 001
TYPE OF FACILITY:	Perchloroethyle	ene Dry Cleaner			
FACILITY NAME:	Highland Clear	ners	DATE	: October 3	0, 1997
FACILITY LOCATION:	97 Highland Av	ve., Largo, FL 34	640		
RESPONSIBLE OFFICIAL:	Billy Patton		PHONE NUM	MBER:(813) 581-0613
Based of the results of to be in compliance wit Based on the results of compliance discrepance COMPLIANCE REQUIRES	th DEP Rule 62-213 the compliance reques were noted:	3.300, Florida Admi uirements evaluated	nistrative Code	e (F.A.C.). spection, th	e following
Monthly purchase records we as a twelve month rolling ave	re not maintained	Develop and implemaintains monthly rolling average.	ement a record	keeping pro	ocedure that
Could not confirm that tempe designed to measure 45°F wire ±2°F.		Obtain verification temperature senso accuracy of ±2°F the Department we	r is designed to , or determine	o measure 4 this by anot	5°F with an ther method that
Did not maintain a log of leak inspection and repair records.		Develop and implorepair program. Mand repair records	Iaintain a log c		= '
Did not measure and record the temperature of the refrigerates the dry-to-dry machine (dryer weekly basis.	d condenser on	Develop and impleand record the out temperature, meas not exceed 45°F.	let temperature	on a week	ly basis. The
The Annual Compliance Certification DATE OF NEXT INSPECTION:		Novembe			☑ No □

Page <u></u> of <u></u>

PHONE NUMBER:_

Revised 10/96

464-4422

INSPECTION CONDUCTED BY:

INSPECTOR'S SIGNATURE:

PERCHLOROETHYLENE DRY CLEANERS

TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

	ANNUAL RE-INSPECTIO	и	COMPLAINT/DISCOVER	XY D
airs id#: 1036339 da facility name:H				IT: <u>10:159.</u> m
FACILITY LOCATION: 9				
	araa, F			
RESPONSIBLE OFFICIAL :	, ,			613
CONTACT NAME:	Billy f	atton	PHONE: 581-	0613
PART I: NOTIFICATION				
(check appropriate box)	1			
New facility notified DARM 30	days prior to sta	typ	-	
2. Facility failed to notify DARM t	o use general per	mit		<u> </u>
	 			
PART II: CLASSIFICATION				
Facility indicated on notification (check appropriate box)	form that it is:		☐ No notification form☐ Drop store/out of busine	esc/petroleum
			-	.33/penoieum
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)	a	2. New small a dry-to-dry only, transfer only, x both types, x < 1 (constructed on	x < 140 gal/yr < 200 gal/yr	33/ ped oredin
 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) Existing large area source dry-to-dry only, 140 ≤ x ≤ 2,100 transfer only, 200 ≤ x ≤ 1,800 gal/ (constructed before 12/9/91) 	D) gal/yr al/yr yr	dry-to-dry only, transfer only, x both types, x < 1 (constructed on 4. New large a dry-to-dry only, transfer only, 20 both types, 140 (constructed on	x < 140 gal/yr < 200 gal/yr 140 gal/yr or after $12/9/91$) rea source $140 \le x \le 2,100 \text{ gal/yr}$ $10 \le x \le 1,800 \text{ gal/yr}$ $10 \le x \le 1,800 \text{ gal/yr}$ or after $12/9/91$)	33. pod orean
 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) Existing large area source dry-to-dry only, 140 ≤ x ≤ 2,100 transfer only, 200 ≤ x ≤ 1,800 g both types, 140 ≤ x ≤ 1,800 gal/ (constructed before 12/9/91) This is a correct facility class If no, please check the app facility q 	gal/yr al/yr yr ification propriate classification	dry-to-dry only, transfer only, x both types, x < 1 (constructed on 4. New large a dry-to-dry only, transfer only, 20 both types, 140 (constructed on	$x < 140 \text{ gal/yr}$ $< 200 \text{ gal/yr}$ (40 gal/yr) or after $12/9/91$) rea source $140 \le x \le 2,100 \text{ gal/yr}$ $100 \le x \le 1,800 \text{ gal/yr}$ $100 \le x \le 1,800 \text{ gal/yr}$ or after $12/9/91$) Can not determine	33. ped oledin

1 of 5

Revised 8/11/97

PART III: GENERAL CONTROL REQUIREMENTS Is the responsible official of the dry cleaning facility: (check appropriate boxes) Y ON ON/A 1. Storing perchloroethylene in tightly sealed and impervious containers? ON ON/A 2. Examining the containers for leakage? 3. Closing and securing machine doors except during loading/unloading? 4. Draining cartridge filters in their housing or in scaled containers for at DN DN/A least 24 hours prior to disposal? 5. Maintaining solvent-to-carbon ratios and steam pressure for carbon adsorber DY DN ZN/A beds according to the manufacturer's specifications? PART IV: PROCESS VENT CONTROLS In Part II-A: If classification 1 has been checked, no controls are required. Proceed to Part V. If classification 2 has been checked, the machine should be equipped with a refrigerated condenser (complete A below). If classification 3 has been checked, the machine should be equipped with either a refrigerated condenser or a carbon adsorber (complete A and B below). Carbon adsorber must have been installed prior to September 22, 1993 If classification 4 has been checked, the machine should be equipped with a refrigerated condenser (complete A and B below). A. Has the responsible official of all new sources and existing large area sources: (check appropriate boxes) MY ON 1. Equipped all machines with the appropriate vent controls? MY ON ONA 2. Equipped dry-to-dry machines with a closed-loop vapor venting system? 3. Equipped the condenser with a diverter valve so airflow will be directed away from the אואם אם צים condenser upon opening the door? 4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly bi-weekly basis? 5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F? 6. Conducted all temperature monitoring after an appropriate cooldown period and after verifying that the coolant had been completely charged?

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?	ΟY	щN	
2.	Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly?	ΩУ	ΘŃ	□N/A
	Is the temperature differential equal to or greater than 20° F?	ΠY	ПN	□N/A
3.	Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is venting to the adsorber,			
	if machines are equipped with a carbon adsorber?	ΩY	ПΝ	□N/A
	Is the perc concentration equal to or less that 100 ppm?	ΟY	ΠИ	□N/A
4.	Assured that the sampling port on the carrion 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,			1
!	or expansion; and downstream from no other inlet?	ΩΥ	ĺΝ	□N/A
5.	Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	ΩΥ	ΠN	□N/A
6.	Routed airflow to the carbon adsorber (if used) at all times?	ΟY	ИΠ	□N/A

PART V: RECORDKEEPING REQUIREMENTS	·
Has the responsible official: (check appropriate boxes)	
1. Maintained receipts for perc purchased?	MA DN
2. Maintained rolling monthly averages of perc consumption?	DY MN
3. Maintained leak detection inspection and repair reports for the following:	
a. documentation of leaks repaired w/in 24 hrs? or;	DY MN DN/A
b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?	DY ØN DN/A
4. Maintained calibration data? (for applicable direct reading instruments)	DY ON MYA
5. Maintained exhaust duct monitoring data on perc concentrations?	DY ON MIN/A
6. Maintained startup/shutdown/malfunction plan?	NO N
7. Maintained deviation reports?	MY ON ON/A
Problem corrected?	מאַם אם צם
8. Maintained compliance plan, if applicable?	אואים אם אם

PΑ	RT VI: LEAK DETECTION AND R	EPAIRS	,				
1.	1. Does the responsible official conduct a weekly (for small sources, bi-weekly) leak detection and repair						
	inspection?				ØΥ	ВЙ	
2.	Has the facility maintained a leak log?				\Box Y	M	
3.	Does the responsible official check the f	ollowing ar	eas for leaks?				
	Hose connections, fittings, couplings, and valves	MY ON	□N/A	Muck cookers	ØΥ	□N □N/A	
	Door gaskets and seating	MC AM	□N/A	Stills	ŒΥ	□N □N/A	
	Filter gaskets and seating	MY ON	□N/A	Exhaust dampers	ΔY	□N □N/A	
	Pumps	MY ON	□N/A	Diverter valves	⊠ Y ∣	ON ON/A	
	Solvent tanks and containers	DY ON	□N/A	Cartridge filter housings	⊠Y ∣	□N □N/A	
	Water separators	GY ON	□N/A				
4.	Which method of detection is used by th	e responsib	le official?		/	27	
	Visual examination (condensed so	1					
	Physical detection (airflow felt thro	d /					
	Odor (noticeable perc odor)						
	Use of direct-reading instrumentat	ion (FID/PI	D/calorimetric	tubes)			
	Halogen leak detector			e e			
	If using direct-reading instru	mentation	, is the equipme	ent:	□N/A	<i>Y</i>	
	a. Capable of detecting pe	erc vapor c	oncentrations in	a range of 0-500 ppm?	\Box Y	מם	
	b. Calibrated against a sta (PID/FID only)?	andard gas	ption to and after	er each use	ΠY	□N .	
	c. Inspected for leaks and	obvious s	gns of wear on a	a weekly basis?	\Box Y	□и	
	d. Kept in a clean and sec	cure area w	hen not in use?		\Box Y	□N	
	e. Verified for accuracy b	y use of du	plicate samples	(calorimetric only)?	\Box Y	□и	
==		· · · · · · · · · · · · · · · · · · ·					

Jeff Morris	16/30/97
Inspector's Name (Please Print)	Date of Inspection
Unhat rouis	11/7/97
Inspector's Signature	Approximate Date of Next Inspection
	1 '

ADDITIONAL SITE INFORMATION:

- Facility did not maintain a 12 mo. rolling average
- Temp sensor information not provided at time of inspection.

 (Operator followed up with Equipment Soles. Facility still hasn't received documentation)
- Temperature sensor data was not recorded.
- Leak logs not maintained
- Reinspect in 2 weeks
- Sund Advisory Letter

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM BILLY E & EARLENE PATTER OTHER STREET, S

	D0 <u>110 1</u>	Remove Laber	
Annual Reporting Period: <u>CALCA</u>	· yeur	_19 <u>97</u> то	19
Based on each term or condition of the Title 62-213.300, Florida Administrative Code (F	•	•	1
If NO, complete the following:			
#1. Term or condition of the general permit	that has not been in con	tinuous compliance during	the reporting period stated above:
Exact period of non-compliance: from		to	
Action(s) taken to achieve compliance:			
Method used to demonstrate compliance:			
#2. Term or condition of the general permit	that has not been in con	tinuous compliance during	the reporting period stated above:
Exact period of non-compliance: from		to	
Action(s) taken to achieve compliance:	· 	·	
As the responsible official, I hereby certify, base notification are true, accurate and complete. Fi does not exceed 2,100 gallons per year for dry-to-	iriner, my annual consun	aption of perchloroethylene so	alvent hased unon nurchase receipts
RESPONSIBLE OFFICIAL: BILLY	E. PATTON (Please Print)	Signatur	2/19/98 Date

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

THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING 303379

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

TOTAL AMOUNT DUE: \$50.00

FEB 23 98

Do NOT Remove Label

AIRS ID#1030339

BILLY E & EARLENE PATTON BILLY E PATTON 97 HIGHLAND AVE LARGO FL 33770 FOR GOVERNMENT USE ONLY

Org.: 37550101000 EO: B1

Fund: 20-2-035001 Obj.: 002273

PERCHLOROETHYLENE DRY CLEANERS

Deel'

TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION:	ANNUAL		COMPLAINT/DISCOVERY	Y 🗆 .
	RE-INSPECTION			
AIRS ID#: 1010339			: 10:15 TIME OUT	r: <u>10:35</u>
FACILITY NAME: <u>Pla</u>	,			
FACILITY LOCATION:	8800 SR 5	12		
	Hudson			
RESPONSIBLE OFFICIAL	: August Ni	elsen	PHONE: 813-862	-2811
CONTACT NAME:		· 	PHONE:	·
	· · · · · · · · · · · · · · · · · · ·			
PART I: NOTIFICATION				
(check appropriate box)				
1. New facility notified DARN	M 30 days prior to startup			
2. Facility failed to notify DA	RM to use general permit			
PART II: CLASSIFICATIO)N			
Facility indicated on notifica		·	☐ No notification form	
Facility indicated on notifica (check appropriate box)			☐ No notification form ☐ Drop store/out of business	s/petroleum
Facility indicated on notifica	tion form that it is:	lew small ar	☐ Drop store/out of business	s/petroleum
Facility indicated on notifica (check appropriate box) A. 1. Existing small area sou dry-to-dry only, x < 140 ga	urce 2. N	to-dry only, x	Drop store/out of business ea source < < 140 gal/yr	s/petroleum
Facility indicated on notificate (check appropriate box) A. 1. Existing small area soundry-to-dry only, x < 140 gatransfer only, x < 200 gal/y	urce	to-dry only, $x < $ sfer only, $x < $	Drop store/out of business ea source < < 140 gal/yr 200 gal/yr	s/petroleum
Facility indicated on notifica (check appropriate box) A. 1. Existing small area sou dry-to-dry only, x < 140 ga	urce 2. N l/yr dry- transboth	to-dry only, x sfer only, $x < types$, $x < 14$	Drop store/out of business ea source < < 140 gal/yr 200 gal/yr	s/petroleum
Facility indicated on notificate (check appropriate box) A. 1. Existing small area soundry-to-dry only, x < 140 gate transfer only, x < 200 gal/y both types, x < 140 gal/yr	tion form that it is: arce	to-dry only, x sfer only, x < types, x < 14 structed on o New large are to-dry only, 1 sfer only, 200 types, 140 <	Drop store/out of business ea source < < 140 gal/yr 200 gal/yr 10 gal/yr r after 12/9/91)	s/petroleum
Facility indicated on notifical (check appropriate box) A. 1. Existing small area soundry-to-dry only, x < 140 gast transfer only, x < 200 gal/y both types, x < 140 gal/yr (constructed before 12/9/91) 3. Existing large area soundry-to-dry only, 140 ≤ x ≤ 2 transfer only, 200 ≤ x ≤ 1,80 both types, 140 ≤ x ≤ 1,800	tion form that it is: arce	to-dry only, x sfer only, x < types, x < 14 structed on o New large are to-dry only, 1 sfer only, 200 types, 140 <	Drop store/out of business ea source $x < 140 \text{ gal/yr}$ 200 gal/yr $x = 12/9/91$ ea source $x < 2,100 \text{ gal/yr}$ $x \le 1,800 \text{ gal/yr}$ $x \le 1,800 \text{ gal/yr}$	s/petroleum
(check appropriate box) A. 1. Existing small area sou dry-to-dry only, x < 140 ga transfer only, x < 200 gal/y both types, x < 140 gal/yr (constructed before 12/9/91 3. Existing large area sou dry-to-dry only, 140 ≤ x ≤ 1,800 (constructed before 12/9/91 5. This is a correct facility of facility of facility of the sound try-to-dry only are sound try-to-dry only, 200 ≤ x ≤ 1,800 (constructed before 12/9/91)	tion form that it is: arce	to-dry only, x sfer only, x < types, x < 14 structed on o New large are to-dry only, 1 sfer only, 200 types, 140 < structed on o	□ Drop store/out of business ea source x < 140 gal/yr 200 gal/yr 10 gal/yr r after 12/9/91) ea source 40 ≤ x ≤ 2,100 gal/yr 0 ≤ x ≤ 1,800 gal/yr x ≤ 1,800 gal/yr r after 12/9/91) □ Can not determine above	s/petroleum

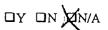
PART III: GENERAL CONTROL REQUIREMENTS

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

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







PART IV: PROCESS VENT CONTROLS

In Part II-A:

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

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

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

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

- A. Has the responsible official of all new sources and existing large area sources: (check appropriate boxes)
- 1. Equipped all machines with the appropriate vent controls?

XY ON

2. Equipped dry-to-dry machines with a closed-loop vapor venting system?

XY ON ON!

3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?

X ON ON/A

4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis?

ØY □N

5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?

XY ON ON/A

6. Conducted all temperature monitoring after an appropriate cooldown period and after verifying that the coolant had been completely charged?

MY ON

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?	ΩY	ПΝ	
2.	Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly?	ΩY	 □N	□N/A
	Is the temperature differential equal to or greater than 20° F?	ΩY	ΩИ	□N/A
3.	Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is venting to the adsorber, if machines are equipped with a carbon adsorber?	ΩY	□и	□N/A
	Is the perc concentration equal to or less than 100 ppm?	ΩY	ПN	□N/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?	ПΥ	ΠN	□N/A
5.	Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	ΠY	ΠИ	□N/A
6.	Routed airflow to the carbon adsorber (if used) at all times?	ΠY	ПΝ	□N/A

PART V: RECORDKEEPING REQUIREMENTS						
Has the responsible official: (check appropriate boxes)						
1. Maintained receipts for perc purchased?	XY DN					
2. Maintained rolling monthly averages of perc consumption?	MA DN					
3. Maintained leak detection inspection and repair reports for the following:						
a. documentation of leaks repaired w/in 24 hrs? or;	AVO 'NO YA					
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 DYNA					
4. Maintained calibration data? (for applicable direct reading instruments)	DY DN XXVA					
5. Maintained exhaust duct monitoring data on perc concentrations?	מיא אל אם צם					
6. Maintained startup/shutdown/malfunction plan?	À v □n					
7. Maintained deviation reports?	□Y □N À N/A					
Problem corrected?	אין אל מם צם A					
8. Maintained compliance plan, if applicable?	OY ON ANA					

PA	ART VI: LEAK DETECTION AND	REPAIRS		
1.	Does the responsible official conduct	a weekly (for small sourc	es, bi-weekly) leak detection a	nd repair
	inspection?			NO XX
2.	Has the facility maintained a leak log	g?		ØY □N
3.	Does the responsible official check th	ne following areas for leak		•
	Hose connections, fittings, couplings, and valves	AND NO Y	Muck cookers	MY ON ON/A
	Door gaskets and seating	OY ON ON/A	Stills	DY ON ON/A
	Filter gaskets and seating	DY DN DN/A	Exhaust dampers	OY ON ON/A
	Pumps	OY ON ON/A	Diverter valves	DY ON ON/A
	Solvent tanks and containers	אומם מם צם	Cartridge filter housings	DY DN DN/A
	Water separators	dy on ona		
4.	Which method of detection is used by	y the responsible official?		
	Visual examination (condensed	solvent on exterior surface	ces)	7 Ø_
	Physical detection (airflow felt	through gaskets)		X X
	Ø(
	Use of direct-reading instrumer	a `		
	Halogen leak detector			
	If using direct-reading ins	-M/A		
	a. Capable of detectin	g perc vapor concentrațioi	ns in a range of 0-500 ppm?	OY ON
	b. Calibrated against a (PID/FID only)?	a standard gas prior to and	after each use	OY ON
	c. Inspected for leaks	and obvious signs of wear	on a weekly basis?	OY ON
	d. Kept in a clean and	secure area when not in t	ıse?	OY ON
	e. Verified for accurac	by by use of duplicate sam	ples (calorimetric only)?	OY ON
				<u> </u>
	Margaret Canau	7)	2/5/0	78
_	Inspector's Name (Please P.	rint)	Date of Inspe	ction
	Margaret Cano	XY)	Feb	199

Approximate Date of Next Inspection

#1030339 Highland Cleaners

	-Stoke with Rilly Patton -9/2019/2	
l.	- Spoke with Billy Patton-9/30/96-	
	Wites und march was pugo	
2.	= 1/2 1/2 0 1/ -1-1/2 0 -1 / 1/2	
	p./4 1.(a) add date control device	
3.	installed	-
	1.(c) mark out 1X" and initial	
4.	3-should be new large area	-
	Source	12770
	7.15 4 should be new large area	
5.	source w/retrig. con	
	D.E.P	-
6.	JAN 07 1997	-
0.		-
7.	SOUTHW.	
\		-
		ode: 337 71
8.		
	·	
	Trial Charles (Conseq (Conseq and manager))	
9.	Name and Title of Facility Contact (For example, plant manager):	
10.	Facility Contact Address:	
	Street Address: City: County: Zip Code:	
	Library Court	
	City: County: Zip Code:	
11.	Facility Contact Telephone Number: Telephone: () - Fax: () -	

RECEIVED

SEP 5 1946

Perchloroethylene Dry Cleaning Facility Notification

Facility Name and Location

1.	Facility Owner/Company Name (Name of corporation, agency, or individual owner):
	BILLY E. & Earline PATTON
2.	Site Name (For example, plant name or number):
	Highland CleAners
3.	Hazardous Waste Generator Identification Number:
	FLD 982174971
4.	Facility Location:
	Street Address: 97 Highland Ave. City: Largo County: Pinellas Zip Code: 33770
	City: Largo County: Pinellas Zip Code: 33770
5.	Facility Identification Number (DEP Use):
	7030339
	Responsible Official
6.	Name and Title of Responsible Official:
	BILLY E. PATTON, OWNER
7.	
	Organization/Firm: High land Cleisners
	Street Address: 97 High I md Are
	City: Largo County: Pinellas Zip Code: 33772
8.	Responsible Official Telephone Number:
	Telephone: (213) 521 - Cap13 Fax: () -
	Facility Contact (If different from Responsible Official)
9.	Name and Title of Facility Contact (For example, plant manager):
	, , , , , , , , , , , , , , , , , , ,
10	T 111 0
10.	Facility Contact Address:
	Street Address:
	City: Zip Code:
11	Facility Contact Tolombono Numbers
11.	Facility Contact Telephone Number: Telephone: () - Fax: () -
	1 ax. ()

RECEIVED

SEP 3 1996

Highland Cleaners 97 Highland Ave. Largo, Florida 33770

The Perchloroethylene usage over the past 12 months is based on our Old Dry Cleaning machine.

We installed a brand new refrigerated machine on Aug. 19, 1996 so our usage will be a LOT less during the next 12 months.

Bill Patton, Owner Highland Cleaners

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 Machine	Date		Date Machine	Date Control		Date Machine	Date Control
			Control Device		Initially	Device		Initially	Device
Type of Machine	ID	Initially Purchased	Installed	ID	Purchased	Installed	ID	Purchased	Installed
Type of Machine	מו	Furchased	mstatied	ענ	Purchased	Instance	עו	Fulchased	mstaneu
Example	#1	03-OCT-93	12-NOV-93	#2	08-DEC-91		#3	02-MAR-92	02-MAR-
Dry-to-Dry Unit									· ;
(1) w/ ref. condenser	#1	19 1749 91	19 Aug 96	Ball	1				
(2) w/ carbon adsorber			1						
(3) w/ no controls									
Washer Unit			·		•			• .	
(4) w/ ref. condenser									
(5) w/ carbon adsorber									
(6) w/ no controls									
Dryer Unit		•	•						
(7) w/ ref. condenser									
(8) w/ carbon adsorber									
(9) w/ no controls									
Reclaimer Unit								•	
(10) w/ ref. condenser									
(11) w/carbon adsorber									
(12) w/ no controls									
(b) Control devices are required, but not yet installed									
3. What is the facility's so (Indicate with an "X". Existing small an Existing large ar	Selec ea so	t one classifi	cation only.) Ne	w sm	nitions found nall area sour ge area sour	rce [3) of 	Part II?	٠
03.		4	7		_		•		

DEP Form No. 62-213.900(2)

Effective: 6-25-96

4. What control technology is required on machines pursuant to section (5) of (Indicate with an "X".)	Part II of this notification form?
Existing large area source Carbon adsorber New small area source Refrigerated condenser New large area source Refrigerated condenser Refrigerated condenser	Rest
5. A facility which contains non-exempt emissions units shall not be eligible to Rule 62-213.300, F.A.C. Verify that all steam and hot water generating unexemption 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 boiler HP or less), and (2) are fired exclusively by natural gas except for perioduring which propane or fuel oil containing no more than one percent sulfur to the state of	ods of natural gas curtailment
All steam and hot water generating units exempt No such units on-site	
Equipment Monitoring and Recordkeeping Infor	rmation
Check all logs which are required to be kept on-site in accordance with the rec	quirements 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	

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

Revised Copy 30 46

Surrender of Existing Air Permit(s)

lease indicat	e with an "X" the appropriate selection:
<u> </u>	I hereby surrender all existing air permits authorizing operation of the facility indicated in this notification form; specifically, permit number(s)
X	No air permits currently exist for the operation of the facility indicated in this notification form.
	Responsible Official Certification
this notifi statement maintain	dersigned, am the responsible official, as defined in Part II of this form, of the facility addressed in cation. I hereby certify, based on information and belief formed after reasonable inquiry, that the is made in this notification are true, accurate and complete. Further, I agree to operate and the air pollutant emissions units and air pollution control equipment described above so as to ith all terms and conditions of this general permit as set forth in Part II of this notification form.
I will pro	mptly notify the Department of any changes to the information contained in this notification.
Signature	But Etailin Date 8/29/96

RECEIVED OCT 7 1996

Bureau of Air Monitoring
Bureat Mobile Sources
& Mo

813-5845830

BEST AVAILABLE COPY

evisad

Surrender of Existing Air Permit(s)

Please indicate with me	No the appropriate selection:

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

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

Responsible Official Certification

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

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

TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF IN	SPECTION: ANNUAL 🗹 COMPLAINT/DISCOVERY 🖵 RE-INSPECTION 🖵
AIRS ID#:	1030339 001 DATE: 8/18/98 TIME IN: 8 Ago TIME OUT: 9:00am
FACILITY	NAME: Highland Cleaners
FACILITY	LOCATION: 97 Highland Ave.
	Largo, FL, 34640
RESPONSI	BLE OFFICIAL: Billy E. Patton Property No.: 58 - 0613
Permi	t No. 1030339-001-AG Exp. Date: 09/30/2001
Ø	Based of the results of the compliance requirements evaluated during this inspection, the facility is found to be in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.).
	Based on the results of the compliance requirements evaluated during this inspection, the following compliance <u>discrepancies</u> were noted (only items which are checked):

Inspection Summary Report Guidance

Compliance Requirement/Problem	Follow-up Action Required			
Did not have a start-up, shutdown, malfunction (SSM) plan in place, along with associated recordkeeping, on site.	If no specific procedures are available from the manufacturer, develop a SSM plan that describes procedures for maintaining and operating equipment during periods of start-up and shutdown associated with a malfunction. EPA's O&M manual may be used if no manufacturers information is available. Keep log of maintenance actions			
rchase receipts were not maintained properly. Maintain all purchase receipts in a log kept on-site for determination 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.				
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:						
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: Inspector's Signature: Jeffrey Morris						
Phone Number: A64-412/ Page 2 of 2						

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY RE-INSPECTION
AIRS ID#: 1030339 001 DATE: 8/18/98 TIME IN: 8:400
FACILITY LOCATION: 97 Highland Ave.
Largo, FL, 34640
RESPONSIBLE OFFICIAL: Billy E. Patton CONTACT: Dave Wolf Sty Phone: 581-0613
CONTACT: Dave Wolf grang PHONE: 581-0613
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
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 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 IN Can not determine
If no, please check the appropriate classification: facility qualified for a general permit as number above facility exceeds above limits and is not eligible for a general permit
B. The total quantity of perchloroethylene (perc) purchased within the preceding 12 months by this dry cleaning facility was gallons.

PART III: GENERAL CONTROL REQUIREMENTS						
Is the responsible official of the dry cleaning facility: (check appropriate boxes)						
1. Storing perchloroethylene in tightly sealed and impervious containers?	☑ Y	□N	□ NA			
2. Examining the containers for leakage?	Y	ПN	□ NA			
3. Closing and securing machine doors except during loading/unloading?	Y	ΠN				
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	Y	ПN	□NA			
5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	ΩY	□N	NA			
PART IV: PROCESS VENT CONTROLS			-			
In Part II-A:						
If classification (1) has been checked, no controls are required. Proceed to Part V.						
If classification (2) has been checked, the machine should be equipped with a refrigerated condenser (complete A below)						
If classification (3) has been checked, the machine should be equipped with either a refrigerated condenser or a carbon adsorber (complete A and B below). Carbon adsorber must have been installed prior to September 22, 1993.						
If classification (4) has been checked, the machine should be equipped with a refrigerated condenser (complete A and B below.)						
A. Has the responsible official of all new sources and existing large area sources: (check appropriate boxes)						
1. Equipped all machines with the appropriate vent controls?	,	ΠN				
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	☑ Y	ПN	□ 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?	v	ΠN				
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	⊈ Y	ПΝ	□NA			
6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	Y	ПN				

В.	Has the responsible official of an existing large or new large area source also:			
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?	ĭ¥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
	Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is venting to the adsorber, if machines are equipped with a carbon adsorber? Is the perc concentration equal to or less than 100 ppm?	□Y □Y	□n □n	□na □na
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	ŪΝ	□na
5.	Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	ŪΥ	ΠN	□NA
6	D	_		_
	Routed airflow to the carbon adsorber (if used) at all times?	ЦY	N	ŬNA
	Routed airflow to the carbon adsorber (if used) at all times? ART V: RECORDKEEPING REQUIREMENTS	<u> </u>		□ NA
PA		<u> </u>		UNA
PA Ha	ART V: RECORDKEEPING REQUIREMENTS			UNA
PA Ha (cl	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes)			UNA
PA Ha (cl 1.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased?			UNA .
PA Ha (cl 1.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption?	☑Y ☑Y	□N □N	
PA Ha (cl 1.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following:	□Y □Y □Y		∑ ina ∑ ina
PA Ha (ch 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; (No leaks reported)	☑Y ☑Y		Øna Øna Øna
PA Ha (ch 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; (No leaks reported) 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		∑ ina ∑ ina
PA Ha (ccl 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; (No leaks reported) 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?			Øna Øna Øna
PA Ha (ccl 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; (No leaks reported) 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?			Øna Øna Øna

PART VI: LEAK DETECTION AND REPAIRS								
1. Does the responsible official conduct a weekly (for small sources, bi-weekly) leak detection and repair inspection?								
2.	Has the facility maintained a le	eak log	?			✓Y	□N	
3.	Does the responsible official check the following areas for leaks:							
	Hose connections, fitting couplings, and valves	✓Y	□N	□NA	Muck cookers	₽Ý	□n □na	
	Door gaskets and seating	¥Υ	$\square_{\mathbb{N}}$	□NA	Stills	Y	□n □na	
	Filter gaskets and seating	ΣY	□N	□NA	Exhaust dampers	✓Y	□n □na	
	Pumps	$\mathbf{\nabla}_{\mathbf{Y}}$	\square_N	\square NA	Diverter valves	ĭ	□n □na	
	Solvent tanks and containers	ØY	□N	□NA	Cartridge Filter housing	ØY	\square_N \square_{NA}	
	Water separators	□ Y	\square_N	□NA				
4. Which method of detection is used by the responsible official? Visual examination (condensed solvent of exterior surfaces) Physical detection (airflow felt through gaskets) Odor (noticeable perc odor) Use of direct-reading instrumentation (FID/PID/calorimetric tubes) Halogen leak detector If using direct-reading instrumentation, is the equipment:							Q	
a Capable of detecting perc vapor concentrations in a range of 0-500 ppm.							DY ON	
	b. Calibrated against a standard gas prion to and after each use (PID/FID only).					$\square_{\mathrm{Y}} \square_{\mathrm{N}}$		
	c. Inspected for leaks and obvious signs of wear on a weekly basis?						□Y □N	
	d. Kept in a clean and seco	are area	a wher	n not in use.			$\square_{Y} \square_{N}$	
	e. Verified for accuracy by	use of	duplic	ate samples	(calorimetric only)?		□Y □N	
Inspector's Name (Please Print) Date of Inspection 2/8/99 Approximate/Date of Next Inspection								

FACILITY DETAILS:		
FACILITY NAME: Highland Cleanes		
Dry Cleaning Machine #1:		
Manufacturer Renzacci Capacity 48 lbs Model# Potriot Systemial# Mfg yr 8/96		
Model# Patriot Systemial# Mfg yr 18/96		
Dry Cleaning Machine #2: 480		
Manufacturerlbs		
Model# Serial# Mfg yr		
Boiler:		
Manufacturer 1-1015t Hp 150		
Model # 2184 Serial # <u>V 55-150-122</u> Mfg yr <u>1994</u>	-	
Fuel Type: Natural gas? 🗹 propane? 🖵 fuel oil? 🖵		
Notification (unpermitted sources only):		
1. Was the facility assisted in filling out the notification by the inspector?		□N NA
2. Did the facility insist on filling out its own notification, and will send it to FDEP?	Y	ON NA
Record keeping:		
1. Does facility have statement/specs as to the design accuracy of the temperature sensor? (temperature of 45°F w/accuracy ±2°F, or 7.2°C w/accuracy of ±1.1°C)	V Y	□N
Hazardous Waste:		
1. Is all perc. contaminated wastewater either treated or disposed of properly?	 ✓ Y	
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?4. Does the facility have secondary containment for any perc. waste containers?	IJΥ V	□N
in 2005 the factory have becomeany comminder for any power maste comminder.		
Comments:		
·		
		

FACILITY NAME: High	and C	legner		DATE: 8/18/98
FACILITY LOCATION:97	Highle	and Av	е.	
	COD FL	24640		
	907			
Annual Reporting Period: October	_30,	_19 <u>97</u> то	August	18, 1998
Based on each term or condition of the Title V g 62-213.300, Florida Administrative Code (F.A.C				
If NO, complete the following:				
#1. Term or condition of the general permit that	has not been in co	ontinuous complia	nce during the repo	rting period stated above:
Exact period of non-compliance: from			to	150
Action(s) taken to achieve compliance:	_	·	Jureau E P	E T
Method used to demonstrate compliance:			Not P	20 1
#2. Term or condition of the general permit that	has not been in co	ontinuous compliar	nce during the repo	The period stated above:
Exact period of non-compliance: from		t	0	
Action(s) taken to achieve compliance:				
Method used to demonstrate compliance:			·	<u>.</u>
As the responsible official, I hereby certify, base made in this notification are true, accurate and a upon rolling averages of purchase receipts, does year for transfer or combination facilities. RESPONSIBLE OFFICIAL:	complete. Further,	, my annual consui	mption of perchlore	pethylene solvent, based

^{*}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.

AIRS ID#: 1030339

Revised 10/10/9

FACILITY NAME:	Highland	Cleaners	DATE: 2 14	1/99
FACILITY LOCATION:		land Ave.		4-1-
racialli bocarion.		L 33770	·	
	22130,1	00110		
Annual Reporting Period:	agust 18,	998 TO Feb	orwary 4,	_19 99
Based on each term or condition of the 62-213.300, Florida Administrative)
If NO, complete the following:			K	
#1. Term or condition of the general	permit that has not been in conti	nuous compliance during the	repositing period stated	above:
Exact period of non-compliance: fro	m	to	See A See A	
Action(s) taken to achieve compliance	e:		II'CE III	
Method used to demonstrate complia	nce:			
#2. Term or condition of the general	permit that has not been in conti	nuous compliance during th	ne reporting period stated :	above:
Exact period of non-compliance: from	n	to		
Action(s) taken to achieve compliance	e:			
i Method used to demonstrate complian	nce:			
į.				
As the responsible official, I hereby c made in this notification are true, acc upon rolling averages of purchase red year for transfer or combination facil	curate and complete. Further, my ceipts, does not exceed 2,100 gal ities.	annual consumption of per	rchloroethylene solvent. b	ased
responsible official:/2	Name (Please Print)	Sille Efact Signature	the 2/41 Date	99

^{*}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 ☐
AIRS ID#: 1030339 001 DATE: 2/4/99 TIME IN: 1:05 p.m TIME OUT: 2:07p.m.
FACILITY NAME: Highland Cleaners
FACILITY LOCATION: 97 Highland Ave.
Largo, FL, 33770
RESPONSIBLE OFFICIAL: Billy E. Patton Phone No. 3
Permit No. 1030339-001-AG Exp. Date: 09/30/2001
Based of the results of the compliance requirements evaluated during this inspection, the facility is found to be in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.).

Inspection Summary Report Guidance

discrepancies were noted (only items which are checked):

Based on the results of the compliance requirements evaluated during this inspection, the following compliance

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.

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:	
	9 g)
	nctions are required, you must take immediate corrective perform a follow-up inspection to determine that proper
Inspection Conducted by:	A
Inspector's Signature:	Asria
Phone Number: 464-4422	

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY RE-INSPECTION
AIRS ID#: 1030339 001 DATE: 2/4/99 TIME IN: 1:05p. FACILITY NAME: Highland Cleaners
· · · · · · · · · · · · · · · · · · ·
FACILITY LOCATION: 97 Highland Ave. Largo, FL, 33770
Largo, 1 L, 33770
RESPONSIBLE OFFICIAL: Billy E. Patton PHONE: 581-0613
CONTACT: PHONE:
PART I: NOTIFICATION
(Check appropriate box)
1. Existing facility notified DARM By 9/1/96
2. New facility notified DARM 30 days prior to startup
3. Facility failed to notify DARM to use general permit
PART II: CLASSIFICATION
Facility indicated on notification form that it is: (Check appropriate box) No notification form Drop store / out of business / petroleum
A. 1. Existing small area source dry-to-dry only, x < 140 gal/yr transfer only, x < 200 gal/yr both types, x < 140 gal/yr (Constructed before 12/9/91) 2. New small area source dry-to-dry only, x < 140 gal/yr transfer only, x < 200 gal/yr both types, x < 140 gal/yr (Constructed on or after 12/9/91)
3. Existing large area source dry-to-dry only, 140 × x < 2,100 gal/yr transfer only, 200 × x < 1,800 gal/yr both types, 140 × x < 1,800 gal/yr (Constructed before 12/9/91) 4. New large area source dry-to-dry only, 140 × x < 2,100 gal/yr transfer only, 200 × x < 1,800 gal/yr both types, 140 × x < 1,800 gal/yr (Constructed on or after 12/9/91)
This is a correct facility classification: Y N Can not determine
If no, please check the appropriate classification: facility qualified for a general permit as number 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 was120_ gallons.

PA	ART III: GENERAL CONTROL REQUIREMENTS			
Is	the responsible official of the dry cleaning facility: seck appropriate boxes)			
1.	Storing perchloroethylene in tightly sealed and impervious containers?	 Y Y	ΠN	□ 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	ПN	Z NA
	DT IV. DDOCECC VENT CONTDOL C			
	ART IV: PROCESS VENT CONTROLS			
l In	Part II-A:			
	If classification (1) has been checked, no controls are required. Proceed to Pa	ırt V.		
	If classification (2) has been checked, the machine should be equipped with a (complete A below)	refrige	rated con	denser
	If classification (3) has been checked, the machine should be equipped with e condenser or a carbon adsorber (complete A and B below). Carbon adsorber installed prior to September 22, 1993.	ither a r must ha	efrigerat we been	ed
	If classification (4) has been checked, the machine should be equipped with a (complete A and B below.)	refrige	rated con	denser
A.	Has the responsible official of all new sources and existing large area sou (check appropriate boxes)	rces:		
1.	Equipped all machines with the appropriate vent controls?	☑ Y	□N	
2.	Equipped dry-to-dry machines with a closed-loop vapor venting system?	Y	□N	□ NA
3.	Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	Y	□N	□ NA
4.	Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly bi-weekly basis?	y Y	□N	
5.	Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	¥Y	□N	□NA
6.	Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	Y Y	□N	
1				

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?	✓ıy □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
3.	Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is venting to the adsorber, if machines are equipped with a carbon adsorber? Is the perc concentration equal to or less than 100 ppm?	OY ON ONA
4.	Assured that the sampling port on the carbon adsorber exhaust for measuring perc. concentrations is at least 8 duct diameters downstream of any bend, contraction, or expansion; is at least 2 dust diameters upstream from any bend contraction, or expansion; and downstream from no other inlet?	□y □n □na
5.	Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	□y □n □na
6.	Routed airflow to the carbon adsorber (if used) at all times?	□y □n □na
PA	ART V: RECORDKEEPING REQUIREMENTS	
H (c	as the responsible official: heck appropriate boxes)	
	Maintained receipts for perc purchased?	□ IN ·
	Maintained rolling monthly averages of perc consumption?	THE THE PERSON NAMED IN
	Maintained leak detection inspection and repair reports for the following:	⊠íy □n
	a. documentation of leaks repaired w/in 24 hrs? or;	DY DN 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 ON MINA
4.		□y □n Mana
_	Maintained calibration data? (for direct reading instrument only)	
٥.		DY ON MA
5. 6.	Maintained exhaust duct monitoring data on perc concentrations?	
_	Maintained exhaust duct monitoring data on perc concentrations? Maintained startup/shutdown/malfunction plan?	Dy On Mina
6.	Maintained exhaust duct monitoring data on perc concentrations? Maintained startup/shutdown/malfunction plan?	DY ON MA

PA	PART VI: LEAK DETECTION AND REPAIRS							
1.	1. Does the responsible official conduct a weekly for small sources, bi-weekly) leak detection and repair inspection? Responsible official VY IN has elected to leak 2. Has the facility maintained a leak log?							
2.	Has the facility maintained a le	ak log	?	check	con weekly basis.	MY	\square_N	
3.	Does the responsible official c	heck th	ne follo	owing areas	s for leaks:			
	Hose connections, fitting couplings, and valves	ĭ¥Y	□N	□na	Muck cookers	ΩY	□n ⊠na	
	Door gaskets and seating	⊌Y	\square_N	\square_{NA}	Stills	₽ Y	$\square_{N} \square_{NA}$	
	Filter gaskets and seating	⊻ Y	\square_N	\square_{NA}	Exhaust dampers	ĭ¥Y	□n □na	
	Pumps	$\Box Y$. 🗖N	□NA	Diverter valves	¥	□n □na	
	Solvent tanks and containers	y	□N	□NA	Cartridge Filter housing	Z Y	□n □na	
	Water separators	ΨY	\square_N	\square NA				
4.	Which method of detection is used by the responsible official? Visual examination (condensed solvent of exterior surfaces) Physical detection (airflow felt through gaskets) Odor (noticeable perc odor) Use of direct-reading instrumentation (FID/PID/calorimetric tubes) Halogen leak detector If using direct-reading instrumentation, is the equipment:							
	a Capable of detecting perc vapor concentrations in a range of 0-500 ppm.							
	b. Calibrated against a stan	dard ga	as prio	r to and af	r each use PID/FID only).		$\square_{Y} \square_{N}$	
	c. Inspected for leaks and o	bvious	signs	of wear on	a weekly basis?		□Y □N	
	d. Kept in a clean and seco	are are	a wher	n not in use	l		$\square_{\mathrm{Y}} \square_{\mathrm{N}}$	
	e. Verified for accuracy by	use of	duplic	cate sample	s (calorimetric only)?		□Y □N	
	Inspector's Name (Please Print) Date of Inspection X/4/99 Approximate Date of Next Inspection							

ADDITIONAL SITE INFORMATION:
Ruponsible Official Billy Patton demonstrated leak check and identifical each leak check point.
- During Roldom-35°F.

FACILITY DETAILS:		
FACILITY NAME: Highland Cleaners		
Dry Cleaning Machine #1:		
Manufacturer Renzacci Capacity 48 lbs Model# Patriot Systemerial# Mfg yr 8/96 Dry Cleaning Machine #2:		
Model# Patriot Systemserial# Mfg yr 8/96		
Dry Cleaning Machine #2: 竹窓〇		
Manufacturer lbs		
Model# Serial# Mfg yr		
Boiler:		
Manufacturer Hp 150		
Model # <u>2 84</u> Serial # <u>V 55 - (\$0 - 122</u> Mfg yr <u>1994</u>		
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?	ПY	DNN/A
Record keeping:	,	
1. Does facility have statement/specs as to the design accuracy of the temperature sensor (temperature of 45°F w/accuracy ±2°F, or 7.2°C w/accuracy of ±1.1°C)	? ☑ Y	□N
Hazardous Waste:	,	
1. Is all perc. contaminated wastewater either treated or disposed of properly?	ĀĀY	\square N
2. If wastewater is evaporated, is it an approved system, and using carbon filtration?	ĀİY	\square N
3. Does the facility have secondary containment for the dry-dry machine?	1 Y	□N
4. Does the facility have secondary containment for any perc. waste containers?	ĭY	□N
Comments:		
· ·		

ARS 10#: 1030339

FACILITY NAME:	ighland CL	eaners	DATE:	8/5/99
FACILITY LOCATION:	17 Highland	Ave.	~~~	
<u> </u>	-argo, FL 3	3770	Burga C	n
Annual Reporting Period: Feb	ruary 4, 1	9 <u>99</u> TO	14 9 5 5 5 14 9 8 8 9	1999
Based on each term or condition of the T 62-213.300, Florida Administrative Cod				P Rule
If NO, complete the following:				
#1. Term or condition of the general per	mit that has not been in conti	nuous compliance duri	ng the reporting period	d stated above:
Exact period of non-compliance: from		to		
Action(s) taken to achieve compliance:				
Method used to demonstrate compliance				
#2. Term or condition of the general per	mit that has not been in conti	nuous compliance duri	ng the reporting period	I stated above:
Exact period of non-compliance: from		toto		
Action(s) taken to achieve compliance:	-			
Method used to demonstrate compliance;		<u> </u>		
As the responsible official, I hereby certimade in this notification are true, accurate upon rolling averages of purchase receip year for transfer or combination facilities. RESPONSIBLE OFFICIAL:	ite and complete. Further, my its, does not exceed 2,100 gall	annual consumption of	f perchloroethylene so	olvent, based

^{*}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: AN	NUAL 🗹 COMPLAINT/DISCOVÉ	RY 🗖 RE-INSPECTION 📮
AIRS ID#: <u>1030339 001</u> FACILITY NAME:	DATE: $\frac{8}{15}$ $\frac{5}{9}$ TIME IN Highland Cleaners	:10:30a atime out: 11:37am.
FACILITY LOCATION:	97 Highland Ave.	
	Largo, FL, 33770	
RESPONSIBLE OFFICIAL:	Billy E. Patton	Phone No.:
Permit No1030339-001-A	G Exp. Date: 09/30/2001	

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

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

Inspection Summary Report Guidance

Compliance Requirement/Problem	Follow-up Action Required
Did not have a start-up, shutdown, malfunction (SSM) plan in place, along with associated recordkeeping, on site.	If no specific procedures are available from the manufacturer, develop a SSM plan that describes procedures for maintaining and operating equipment during periods of start-up and shutdown associated with a malfunction. EPA's O&M manual may be used if no manufacturers information is available. Keep log of maintenance actions
Purchase receipts were not maintained properly.	Maintain all purchase receipts in a log kept on-site for determination of perchloroethylene solvent consumption.
Monthly purchase records were not maintained as a consecutive twelve month total.	Develop and implement a recordkeeping procedure that maintains monthly purchases (perc) as a consecutive twelve month total.
Could not confirm that temperature sensor was designed to measure 45°F with an accuracy of ±2°F.	Obtain verification from the manufacturer that the temperature sensor is designed to measure $45^{\circ}F$ with an accuracy of $\pm 2^{\circ}F$, or determine this by another method that the Department would consider appropriate.
Evaporator for separator wastewater does not incorporate a pre-filtration system.	Facility may choose to either dispose of perc-containing separator water as hazardous waste, or incorporate a carbon filtration system with the evaporator (as per the State's guidelines).
Did not store all perc, and perc-containing waste in tightly sealed containers.	Store all perc and perc-containing waste in tightly sealed containers which are impervious and chemically unreactive to the solvent.
Did not maintain a log of leak detection inspection and repair records.	Develop and implement a leak detection inspection and repair program. Maintain a log of leak detection inspection and repair records.

	Compliance Requirement/Problem	Follow-up Action Required
	Did not conduct weekly leak detection and repair inspection.	Develop and implement a leak detection inspection and repair program. Use at least one of the methods outlined in Part II, Section 7(a), of the general permit provisions, to detect leaks. Inspect the items listed in Part II, Section 7(b), for leaks. Repair leaks within 24 hours of detection, unless repair equipment must be ordered.
No calibration records for the mechanical direct reading instrumentation (halogen detector) were available.		Mechanical direct-reading instrumentation shall be operated as directed by the manufacturer and must meet the conditions in Part II, Section 7(e) of the general permit provisions
	Did not measure and record the outlet temperature of the refrigerated condenser on the dry-to-dry machine (dryer, reclaimer) on a weekly basis.	Develop and implement a monitoring program. Measure and record the outlet temperature on a weekly basis. The temperature, measured at the end of the drying cycle, must not exceed 45°F.
	Airflow is directed towards the refrigerated condenser upon the door being opened and no diverter valve is in place.	Equip the condenser with a diverter valve to prevent air flow to the refrigerated condenser when the door is opened.
	The outlet exhaust temperature of the refrigerated condenser exceeds 45°F and was not repaired within 24 hours.	Repair or adjust condenser within 24 hours of measurement indicating that the outlet exhaust temperature of the refrigerated condenser exceeds 45°F. The repair shall be documented in the monitoring record log.
	Machine doors are not closed and secure during times other than loading and unloading.	Keep doors closed and secured at all times except during loading and unloading.
	Temperature monitoring was not conducted after an appropriate cooldown period and after verifying that the coolant was completely charged.	Conduct all temperature monitoring following an appropriate cooldown period and after verifying that the coolant has been completely charged.
	Containers for perchloroethylene and/or perchloroethylen- containing waste were found to be leaking.	Examine the containers, used for storing perchloroethylene and/or perchloroethylene-containing waste, for leakage.
	Comments:	
•		
	<u> </u>	
		nctions are required, you must take immediate corrective perform a follow-up inspection to determine that proper
•	Inspection Conducted by:	
	Inspector's Signature:	W/W
	Phone Number: 464 44 2 1 1	<u></u>

RE-INSPECTION: ANNUAL COMPLAINT/DISCOVERY RE-INSPECTION
AIRS ID#: 1030339 001 FACILITY NAME: Highland Cleaners 97 Highland Ave. Largo, FL, 33770
CONTACT: Billy Patton PHONE: 581-0613 PHONE: 581-0613
PART I: NOTIFICATION
(Check appropriate box) 1. Existing facility notified DARM By 9/1/96 2. New facility notified DARM 30 days prior to startup 3. Facility failed to notify DARM to use general permit
PART II: CLASSIFICATION
Facility indicated on notification form that it is: (Check appropriate box) A. 1. Existing small area source dry-to-dry only, x < 140 gal/yr transfer only, x < 200 gal/yr both types, x < 140 gal/yr (Constructed before 12/9/91) 3. Existing large area source dry-to-dry only, 140 < x < 2,100 gal/yr both types, 140 < x < 1,800 gal/yr (Constructed before 12/9/91) This is a correct facility classification: If no, please check the appropriate classification: If no, pleas
facility was 102 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?	$\mathbf{Q}_{\mathbf{Y}}$	ΠN	□ 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?	П Y	ПN	Y NA		
PART IV: PROCESS VENT CONTROLS					
In Part II-A:					
	t X7				
If classification (1) has been checked, no controls are required. Proceed to Pa		•			
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 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 (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	ΠN			
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	ΠN	□NA		
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly bi-weekly basis?	Y	ΠN			
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	Y	ΠN	□NA		
6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	Y	ŪΝ			

	<u> </u>			
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	□n □n	□NA: □NA
	Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is venting to the adsorber, if machines are equipped with a carbon adsorber? Is the perc concentration equal to or less than 100 ppm?	□Y □Y		□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	□N	□na
5.	Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	□Y	□N	□na
				I
6.	Routed airflow to the carbon adsorber (if used) at all times?	ПY	□N	□NA
Ė	Routed airflow to the carbon adsorber (if used) at all times? ART V: RECORDKEEPING REQUIREMENTS	□Y	□N	□NA
P	ART V: RECORDKEEPING REQUIREMENTS	□Y	□N	□na
P.A.		□Y		□na
Р. Н (с)	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes)	⊴íy		□na
P. H. (c. 1. 2.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased?	□Y ☑Y ☑Y		□NA
P. H. (c. 1. 2.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption?	⊴íy		□NA
P. H. (c. 1. 2.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following: a. documentation of leaks repaired w/in 24 hrs? or;	⊴Y ⊡Y	□n □n	□NA □NA □NA
H (c. 1. 2. 3.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following: a. documentation of leaks repaired w/in 24 hrs? or; b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?	⊴y ⊴y □y		⊴ina □ina
P./ H (c. 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)	✓y ✓y □y □y		⊴ina □ina
P/ H (c) 1. 2. 3.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following: a. documentation of leaks repaired w/in 24 hrs? or; b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt? Maintained calibration data? (for direct reading instrument only) Maintained exhaust duct monitoring data on perc concentrations?	✓ Y✓ Y✓ Y✓ Y✓ Y		YNA YNA YNA
P./ H. (c. 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		YNA YNA YNA YNA
P./ H. (c. 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		YNA YNA YNA YNA
H (c. 1. 2. 3. 4. 5. 6. 7.	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? Maintained deviation reports?	✓Y ✓Y ✓Y ✓Y ✓Y ✓Y		YNA YNA YNA YNA

PART VI: LEAK DETECTIO	N AND REI	PAIRS			
Does the responsible official c inspection?	conduct a wee		all sources, bi-weekly) leak ty elected eck weekly. Im		ion and repair □N
2. Has the facility maintained a le	eak log?	00 0111	, .	Y	□N
3. Does the responsible official c	heck the foll	owing areas	for leaks:		
Hose connections, fitting couplings, and valves	QY ON	□NA	Muck cookers	□Y	ON GINA
Door gaskets and seating	© Y □N	□NA	Stills	I Y	□n □na
Filter gaskets and seating	Y ON	□NA	Exhaust dampers	1 Y	□n □na
Pumps	Y ON	□NA	Diverter valves	Y	□n □na
- Solvent tanks and containers	Y ON	□NA	Cartridge Filter housing	Y	□n □na
Water separators	Y ON	□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 instruct	n (condensed (airflow felt perc odor) ing instrument ctor	l solvent of o through gas	exterior surfaces) skets) /PID/calorimetric tubes)		
a Capable of detecting pe	erc vapor con	centrations	in a range of 0-500 ppm.		_ Y □N
b. Calibrated against a star	ndard gas prio	r to and afte	r each use(PHD/FID only).		$\square_{\mathrm{Y}} \square_{\mathrm{N}}$
c. Inspected for leaks and	obvious signs	of wear on	a weekly basis?		□y □n
d. Kept in a clean and sec	ure area whe	n not in use.			□Y □N
e. Verified for accuracy by	use of duplic	cate samples	(calorimetric only)?		□Y □N
Inspector's Name (Please Printing Inspector's Sygnature	nt)		2/5/2	99 pection ©OO of Nex	tt Inspection

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TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF INSPECTION: AN	NUAL COMPLAINT/DISCOVERY RE-INSPECTION
AIRS ID#: 1030339 001	DATE: $\frac{8/5}{99}$ TIME IN: 10:30 TIME OUT: 11:37 M
FACILITY NAME:	Highland Cleaners
FACILITY LOCATION:	97 Highland Ave.
	Largo, FL, 33770
RESPONSIBLE OFFICIAL:	Billy E. Patton Bures Phone Styre:
Permit No1030339-001-A	Billy E. Patton Bureau Of Air Monitoring AG Exp. Date: 09/30/2001 Phone Styp.: A Mobile Sources

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

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

Inspection Summary Report Guidance

 • •	· · ·
Compliance Requirement/Problem	Follow-up Action Required
Did not have a start-up, shutdown, malfunction (SSM) plan in place, along with associated recordkeeping, on site.	If no specific procedures are available from the manufacturer, develop a SSM plan that describes procedures for maintaining and operating equipment during periods of start-up and shutdown associated with a malfunction. EPA's O&M manual may be used if no manufacturers information is available. Keep log of maintenance actions
Purchase receipts were not maintained properly.	Maintain all purchase receipts in a log kept on-site for determination of perchloroethylene solvent consumption.
Monthly purchase records were not maintained as a consecutive twelve month total.	Develop and implement a recordkeeping procedure that maintains monthly purchases (perc) as a consecutive twelve month total.
Could not confirm that temperature sensor was designed to measure 45°F with an accuracy of ±2°F.	Obtain verification from the manufacturer that the temperature sensor is designed to measure 45°F with an accuracy of ±2°F, or determine this by another method that the Department would consider appropriate.
Evaporator for separator wastewater does not incorporate a pre-filtration system.	Facility may choose to either dispose of perc-containing separator water as hazardous waste, or incorporate a carbon filtration system with the evaporator (as per the State's guidelines).
Did not store all perc, and perc-containing waste in tightly sealed containers.	Store all perc and perc-containing waste in tightly sealed containers which are impervious and chemically unreactive to the solvent.
Did not maintain a log of leak detection inspection and repair records.	Develop and implement a leak detection inspection and repair program. Maintain a log of leak detection inspection and repair records.

Compliance Requirement/Problem	Follow-up Action Required		
Did not conduct weekly leak detection and repair inspection.	Develop and implement a leak detection inspection and repair program. Use at least one of the methods outlined in Part II, Section 7(a), of the general permit provisions, to detect leaks. Inspect the items listed in Part II, Section 7(b), for leaks. Repair leaks within 24 hours of detection, unless repair equipment must be ordered.		
No calibration records for the mechanical direct reading instrumentation (halogen detector) were available.	Mechanical direct-reading instrumentation shall be operated as directed by the manufacturer and must meet the conditions in Part II, Section 7(e) of the general permit provisions		
Did not measure and record the outlet temperature of the refrigerated condenser on the dry-to-dry machine (dryer, reclaimer) on a weekly basis.	Develop and implement a monitoring program. Measure and record the outlet temperature on a weekly basis. The temperature, measured at the end of the drying cycle, must not exceed 45°F.		
Airflow is directed towards the refrigerated condenser upon the door being opened and no diverter valve is in place.	Equip the condenser with a diverter valve to prevent air flow to the refrigerated condenser when the door is opened.		
The outlet exhaust temperature of the refrigerated condenser exceeds 45°F and was not repaired within 24 hours.	Repair or adjust condenser within 24 hours of measurement indicating that the outlet exhaust temperature of the refrigerated condenser exceeds 45°F. The repair shall be documented in the monitoring record log.		
 Machine doors are not closed and secure during times other than loading and unloading.	Keep doors closed and secured at all times except during loading and unloading.		
Temperature monitoring was not conducted after an appropriate cooldown period and after verifying that the coolant was completely charged.	Conduct all temperature monitoring following an appropriate cooldown period and after verifying that the coolant has been completely charged.		
Containers for perchloroethylene and/or perchloroethylen- containing waste were found to be leaking.	Examine the containers, used for storing perchloroethylene and/or perchloroethylene-containing waste, for leakage.		
Comments:			
	actions are required, you must take immediate corrective perform a follow-up inspection to determine that proper		
Inspection Conducted by:			
Inspector's Signature:	W16		
Phone Number: 464-442/2 / /			

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY RE-INSPECTION
AIRS ID#: 1030339 001 DATE: \$\frac{\\$}{99}\$ TIME IN: 10:30 ATIME OUT: 11:370 M. FACILITY NAME: Highland Cleaners FACILITY LOCATION: 97 Highland Ave. Largo, FL, 33770
RESPONSIBLE OFFICIAL: Billy E. Patton PHONE: 581-0613 CONTACT: Billy Patton PHONE: 581-0613
PART I: NOTIFICATION
(Check appropriate box) 1. Existing facility notified DARM By 9/1/96 2. New facility notified DARM 30 days prior to startup 3. Facility failed to notify DARM to use general permit
PART II: CLASSIFICATION
Facility indicated on notification form that it is: (Check appropriate box) A. 1. Existing small area source dry-to-dry only, x<140 gal/yr transfer only, x<200 gal/yr both types, x<140 gal/yr (Constructed before 12/9/91) 3. Existing large area source dry-to-dry only, 140 <x<2,100 (constructed="" 12="" 140<x<1,800="" 9="" 91)="" a="" appropriate="" before="" both="" check="" classification:="" classification:<="" correct="" facility="" gal="" if="" is="" no,="" please="" td="" the="" this="" types,="" yr=""></x<2,100>
B. The total quantity of perchloroethylene (perc) purchased within the preceding 12 months by this dry cleaning facility was 102 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?	\square Y	Ωи	□ NA
2. Examining the containers for leakage?	☑ Y	ПN	☐ 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	ΠN	□NA
5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	QΥ	□N	\(\frac{1}{2}\)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 cor	ndenser
If classification (3) has been checked, the machine should be equipped with e condenser or a carbon adsorber (complete A and B below). Carbon adsorber installed prior to September 22, 1993.	ither a must ha	refrigerat ave been	ed
If classification (4) has been checked, the machine should be equipped with a (complete A and B below.)	refrige	rated cor	ndenser
A. Has the responsible official of all new sources and existing large area sou (check appropriate boxes)	rces:		
1. Equipped all machines with the appropriate vent controls?		ПN	
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	Y Y	ПN	□ NA
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	ØrY	ПN	□NA
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis?	Y	ПN	
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	Y Y	ПN	□NA
6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	Y	ПN	

		_		
В.	Has the responsible official of an existing large or new large area source also:			
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
-	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?	□Υ	□n	□NA
6.	Routed airflow to the carbon adsorber (if used) at all times?	□Y	ПN	□NA
<u>.</u>	Routed airflow to the carbon adsorber (if used) at all times? ART V: RECORDKEEPING REQUIREMENTS	ПY	□N ···	□NA
PA	ART V: RECORDKEEPING REQUIREMENTS	ΩY	□N	□ NA □
PA Ha (ch		□Y		□ NA .
PA Ha (cl	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: neck appropriate boxes)	□Y □Y □Y		□ NA .
PA Ha (cl 1.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: neck appropriate boxes) Maintained receipts for perc purchased?	□Y □Y □Y		□ NA .
PA Ha (cl 1.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: neck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption?	⊴y ⊡y		· ·
PA Ha (cl 1.	ART V: RECORDKEEPING REQUIREMENTS 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;	⊴y ⊡y		· ·
PA Ha (ch 1. 2. 3.	ART V: RECORDKEEPING REQUIREMENTS 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 ✓y Oy		MyA
PA Ha (ch 1. 2. 3.	ART V: RECORDKEEPING REQUIREMENTS 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 OY OY		MNA MNA
PA Ha (ch 1. 2. 3.	ART V: RECORDKEEPING REQUIREMENTS 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)	✓Y ✓Y OY OY OY		YNA YNA YNA
PA Ha (ch 1. 2. 3. 4. 5. 6.	ART V: RECORDKEEPING REQUIREMENTS 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?	✓Y ✓Y OY OY OY		YNA YNA YNA
PA Ha (ch 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 OY OY OY		NA CINA

PART VI: LEAK DETECTION	N AND REPAIRS					
Does the responsible official of inspection?		nall sources, bi-weekly) leak ity clected eck weekly.m	detection and repair			
2. Has the facility maintained a l		, , , , , , , , , , , , , , , , , , ,	DY ON			
3. Does the responsible official of	check the following areas	s for leaks:				
Hose connections, fitting couplings, and valves	DY ON ONA	Muck cookers	DY ON GNA			
Door gaskets and seating	OLY ON ONA	Stills	MY ON ONA			
Filter gaskets and seating	DY ON ONA	Exhaust dampers	MY ON ONA			
Pumps	DY ON ONA	Diverter valves	Øy On Ona			
- Solvent tanks and containers	Y ON ONA	Cartridge Filter housing	DY ON ONA			
Water separators	DY ON ONA					
4. Which method of detection is used by the responsible official? Visual examination (condensed solvent of exterior surfaces) Physical detection (airflow felt through gaskets) Odor (noticeable perc odor) Use of direct-reading instrumentation (FID/PID/calorimetric tubes) Halogen leak detector						
If using direct-reading instr						
	1	in a range of 0-500 ppm.				
b. Calibrated against a star	idard gas prior to and afte	r each use(PHD/FID only).	□Y □N			
c. Inspected for leaks and	obvious signs of wear or	a weekly basis?	□Y □N			
d. Kept in a clean and sec	ure area when not in use		□Y □N			
e. Verified for accuracy by	use of duplicate samples	s (calorimetric only)?	□Y □N			
e. Verified for accuracy by use of duplicate samples (calorimetric only)? Term of is Inspector's Name (Please Print) Date of Inspection Approximate Date of Next Inspection						

Revised 10/10/9

FACILITY NAME: His	ghland Cleaners	DATE: 2/11/06
FACILITY LOCATION:97	Highland Ave.	
	rgo, FL 33770	
Annual Reporting Period: A C	gust 5, 1999 TO	February 11, 2000
Based on each term or condition of the Titl 62-213.300, Florida Administrative Code (
If NO, complete the following:		
#1. Term or condition of the general permi	t that has not been in continuous compl	iance during the reporting period stated above:
Exact period of non-compliance: from		to
Action(s) taken to achieve compliance:	<u> </u>	
Method used to demonstrate compliance:		
#2. Term or condition of the general permi	t that has not been in continuous compl	iance during the reporting period stated above:
	•.	
Exact period of non-compliance: from		_to
Action(s) taken to achieve compliance:		
Method used to demonstrate compliance:		-
μ		
made in this notification are true, accurate	and complete. Further, my annual con-	d after reasonable inquiry, that the statements sumption of perchloroethylene solvent, based for dry-to dry facilities or 1,800 gallons per
responsible official: Bolly	me (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.

Bureau of Air Monitoring

TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF IN	SPECTION:	ANNUAL	COMPLAIN'	T/DISCOVERY 📮	RE-INSPECTION	1 🗖 .
AIRS ID#:	1030339	DATE	2/11/06 E: <u>2/2/00</u> %	TIME IN: 9:0	7aMIME OUT: _	10:21am
FACILITY	NAME:	_Highland	Cleaners			
FACILITY	LOCATION:	97 Highland	LAve.			
		Largo, FL, 3	33770		<u> </u>	
RESPONSIE	BLE OFFICIAL	: <u>Billy E, Pa</u>	atton	Phon	e No.: <u>581-0</u> 6	13
	Permit No.	10303	39	Exp. Date:	129/01	
ď		-	•	evaluated during this inspiring this inspiring the code (F.A.C.)	pection, the facility is for).	and to be in
		-	pliance requirements of items which are chec	•	pection, the following co	ompliance

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						
and the state of t	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 at 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:	Mocris Mocris						
•	Inspector's Signature:	offy Momo						
	Phone Number: 464 4 22 Page 2 of 2							

TYPE OF INSPECTION:	ANNUAL RE-INSPECT	ION 🗖	COMPLAINT/DISCOVERY	
AIRS ID#: 103 033 9	Date:	2/11/00 2/2/00 9n	TIME IN: 9:0700 TIME OUT: 10	21a.m
FACILITY NAME:	Highlar	nd Cleaners		
FACILITY LOCATION:	97 Highl	and Ave	·	
	Largo, F	L, 33770		
RESPONSIBLE OFFICIA	L: <u>Billy E. F</u>	Patton	PHONE: 581-06	<u>(13</u>
CONTACT:	Billy E. I	Patton	PHONE: 581-06	13_
PART I: NOTIFICATION				
(Check appropriate box)				
1. Existing facility notified l	DARM By 9/1/9	96		₫
2. New facility notified DAl	RM 30 days pri	or to startup		
3. Facility failed to notify D	ARM to use ge	neral permit		
PART II: CLASSIFICATI	ON		·	
Facility indicated on notifica (Check appropriate box)	tion form that i	t is:	No notification form Drop store / out of business / petroleum	
A. 1. Existing small area so dry-to-dry only, x<14 transfer only, x<200 good both types, x<140 gal (Constructed before 1)	ource O gal/yr gal/yr /yr /yr 2/9/91)		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 s dry-to-dry only, 140 < transfer only, 200 < x < both types, 140 < x < 1, (Constructed before 1	ource x≺2,100 gal/yr 1,800 gal/yr 800 gal/yr 2/9/91)	.	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 class. If no, please check the a facility qualified facility exceeds al	ppropriate class for a general per	sification: rmit as numbe		
B. The total quantity of perfacility was 132	•	(perc) purchas	sed within the preceding 12 months by this dry c	leaning

DADT III. CENEDAL CONTROL DEGLIDEMENTS						
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?	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 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 (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	ΠN				
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	Y	\square N	□ NA			
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	⊒∕Y	□ N	□NA			
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly bi-weekly basis?	⊴ Y	□N				
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	A 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 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
	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?	ŪΥ	□N	□na
5.	Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	ΩY	\square_{N}	□NA
6.	Routed airflow to the carbon adsorber (if used) at all times?	ПY	□N	□NA
PA	ART V: RECORDKEEPING REQUIREMENTS			
H: (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	
1. 2.	Maintained receipts for perc purchased?	ody Ody	□n □n	
1. 2.	Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption?	ofy Osfy Osy	□N	⊠na
1. 2.	Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption? Maintained leak detection inspection and repair reports for the following:	□Y □Y		U NA
 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;	□Υ		INA INA
 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)	□Y □Y		U NA
 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)	□Y □Y □Y		INA INA
 1. 2. 3. 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? Maintained startup/shutdown/malfunction plan?	□Y □Y □Y □Y		INA INA
 1. 2. 3. 4. 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?	□Y □Y □Y □Y □Y		INA INA INA

PA	ART VI: LEAK DETECTION AND REPAIRS							
1.	Does the responsible official conduct a weekly (for small sources, bi-weekly) leak inspection?	detecti	ion and repair □N					
ll	Has the facility maintained a leak log?	$\mathbf{\Xi}_{\mathbf{Y}}$	\square_{N}					
3.	Does the responsible official check the following areas for leaks:							
	Hose connections, fitting couplings, and valves Y N N Muck cookers	□Y	□n ɗna					
	Door gaskets and seating Y N NA Stills	₫Y	$\square_{N} \square_{NA}$					
	Filter gaskets and seating Y N NA Exhaust dampers	$\mathbf{Z}_{\mathbf{Y}}$	□n □na					
	Pumps	⊴ Y	□n □na					
	Solvent tanks and containers $\square Y$ $\square N$ Cartridge Filter housing	Y Y	□n □na					
	Water separators $\square Y \square N \square NA$							
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 perc vapor concentrations in a range of 0-500 ppm.		ĐÝ ON					
	b. Calibrated against a standard gas prior to and after each use (PID/FID only).		$\square_{\mathrm{Y}} \square_{\mathrm{N}}$					
	c. Inspected for leaks and obvious signs of wear/on a weekly basis?		□y □n					
	d. Kept in a clean and secure area when not in use.		$\square_{\mathrm{Y}} \square_{\mathrm{N}}$					
	e. Verified for accuracy by use of duplicate samples (calorimetric only)?		□y □n					
	Inspector's Name (Please Print) Date/of Inspection S/1/60 Approximate Date of Next Inspection							

TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF IN	SPECTION:	ANNUAL 🗹	COMPLAIN	T/DISCOVER	Y 📙	RE-INSPECT	ΓΙΟΝ	<u> </u>
AIRS ID#:	1030339	DATE: _	8/11/00	_ TIME IN:_	10:03a	nTIME OUT	г: 10:4	-7م.م۰
FACILITY	NAME:	Highland Cl	eaners				<u> </u>	
FACILITY	LOCATION:	97 Highland Av	enue					
		Largo, FL, 3377	0					
RESPONSIE	BLE OFFICIAL	: Billy E. Patto	n		Phone N	No.: <u>(727) 5</u> 8	31-0613	 ,
	Permit No.	_1030339-001-A	<u>G</u>	Exp. Date:	8/29/2	2001		
d		ults of the complian DEP Rule 62-213.	•	_	•	tion, the facility	is found to	be in
		ults of the compliar ere noted (only iter	•	_	this inspec	tion, the followi	ng compli	ance

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.
		·
<u></u>	Comments:	
	·	
,		ctions are required, you must take immediate corrective perform a follow-up inspection to determine that proper
	Inspection Conducted by:	Test Morris
	Inspector's Signature:	Holy Al Cours
	Phone Number: 464-4	42/
	Pa	ge 2 of 2

TYPE OF INSPECTION:	ANNUAL RE-INSPECTION		COMPLAINT/DISCOVERY 🚨	
AIRS ID#: 1030339 FACILITY NAME: FACILITY LOCATION:	Date: 8/1 Highland Cl 97 Highland A Largo, FL, 33	eaners venue	TIME IN: 10:03aaTIME OUT:	10:47a.m.
RESPONSIBLE OFFICIA	L: Billy E. Patton Billy E. Patton		PHONE: (727) 581-4 PHONE: (727) 581-4	
PART I: NOTIFICATION			<u> </u>	
(Check appropriate box) 1. Existing facility notified 2. New facility notified DA 3. Facility failed to notify D	RM 30 days prior to s			d 0
PART II: CLASSIFICATI	ON			
B. The total quantity of per-	source 0 gal/yr gal/yr (/yr (/2/9/91) source (x < 2,100 gal/yr 800 gal/yr 800 gal/yr sification: Appropriate classificat for a general permit a bove limits and is not chloroethylene (perc)	IN Canion: s number eligible for		
facility was <u>130</u>	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?	1 Y	ΠN	□NA		
3. Closing and securing machine doors except during loading/unloading?	⊈Y	ΠN			
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	ď 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		
DA DE IV. DDOCEGO VENER CONTROL O					
In Part II-A:			 -		
	urt V				
If classification (1) has been checked, no controls are required. Proceed to Pa		. 1			
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 sou (check appropriate boxes)	rces:				
1. Equipped all machines with the appropriate vent controls?	$\mathbf{I}_{\mathbf{Y}}$	ΠN			
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	□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?	ĭY	□N	□NA		
6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	☐ Y	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?	ey □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?	DY 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
6. Routed airflow to the carbon adsorber (if used) at all times?	□Y □N □NA
PART V: RECORDKEEPING REQUIREMENTS	UY UN UNA
	UY UN UNA
PART V: RECORDKEEPING REQUIREMENTS	
PART V: RECORDKEEPING REQUIREMENTS Has the responsible official: (check appropriate boxes)	✓Y □N
PART V: RECORDKEEPING REQUIREMENTS Has the responsible official: (check appropriate boxes) 1. Maintained receipts for perc purchased?	
PART V: RECORDKEEPING REQUIREMENTS Has the responsible official: (check appropriate boxes) 1. Maintained receipts for perc purchased? 2. Maintained rolling monthly averages of perc consumption?	✓Y □N
PART V: RECORDKEEPING REQUIREMENTS Has the responsible official: (check appropriate boxes) 1. Maintained receipts for perc purchased? 2. Maintained rolling monthly averages of perc consumption? 3. Maintained leak detection inspection and repair reports for the following:	Y ON Y ON MY 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;	ØY □N ØY □N □Y □N ØNA
PART V: RECORDKEEPING REQUIREMENTS Has the responsible official: (check appropriate boxes) 1. Maintained receipts for perc purchased? 2. Maintained rolling monthly averages of perc consumption? 3. Maintained leak detection inspection and repair reports for the following: a. documentation of leaks repaired w/in 24 hrs? or; b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?	Y ON Y ON MY 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)	Y ON Y 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 MA OY ON MA OY ON MA OY ON MA OY ON MA
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 MA OY ON MA

PF	ART VI: LEAK DETECTIO	N AN	D KE	AIRS			
1.	Does the responsible official c inspection?	onduc	t a wee	ekly (for s	small sources, bi-weekly) leak	detect	ion and repair
2.	Has the facility maintained a le	eak log	g?		•	Y	\square_{N}
3.	Does the responsible official c	heck tl	he foll	owing are	eas for leaks:		
	Hose connections, fitting couplings, and valves	ĽΥ	□N	□NA	Muck cookers	□Y	□n ⊴na
	Door gaskets and seating	☑Y	ŪΝ	□NA	Stills	₫Y	□n □na
	Filter gaskets and seating	YE	- QN	□NA	Exhaust dampers	$\mathbf{\underline{A}}_{\mathbf{Y}}$	□n □na
	Pumps	YE	ΠN	□NA	Diverter valves	ĭ¥Y	□n □na
	Solvent tanks and containers	$\mathbf{v}_{\mathbf{Y}}$	ΠN	□NA	Cartridge Filter housing	☑Y	□n □na
	Water separators	₫y	\square_{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	centration	ns in a range of 0-500 ppm.		DY ON
	b. Calibrated against a standard gas prior to and after each use(PID/EID only).				□y □n		
	c. Inspected for leaks and obvious signs of wear on a weekly basis?				□y □n		
	d. Kept in a clean and secure area when not in use.					\square_{Y} \square_{N}	
	e. Verified for accuracy by use of duplicate samples (calorimetric only)?						
	Inspector's Name (Please Print) Inspector's Signature Approximate Date of Next Inspection						

FACILITY NAME:	Highland Cleaners	·	Date:	8/11/00
FACILITY LOCATION:	97 Highland Avenue			
	Largo, FL, 33770			
Annual Reporting Period: _	February 11, 20		gust	11, 2000
	of the Title V general air permit, r Code (F.A.C.), during the period of	•	i	with DEP Rule 62-
IF NO, complete the following	g:			
#1. Term or condition of the ger	neral permit that has not been in co	ntinuous compliance durin	g the reporting	ng period stated above:
•	from			
Action(s) taken to achieve comp	liance:	· ·	<u> </u>	
Method used to demonstrate con	npliance:		Confear	
#2. Term or condition of the ge	npliance:	ontinuous compliance durin	(n ` • •	ng period stated above:
Exact period of non-compliance:	from	to	Menitoring Sources	B
Action(s) taken to achieve comp	liance:			
Method used to demonstrate con	npliance:			
As the responsible official, that the statements made in of perchloroethylene solver per year for dry-to-dry facilities.	I hereby certify, based on into this notification are true, accept, based upon rolling average lities or 1,800 gallons per year	formation and belief for curate and complete. I es of purchase receipts or for transfer or comb	ormed after Further, my s, does not ination faci	reasonable inquiry, annual consumption exceed 2,100 gallons lities.
RESPONSIBLE OFFICIAL	L: Billy E. Patton (Name, Please Print)	Signature	e y-at	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.

Z 333 613 235

US Postal Service Receipt for Certified Mail

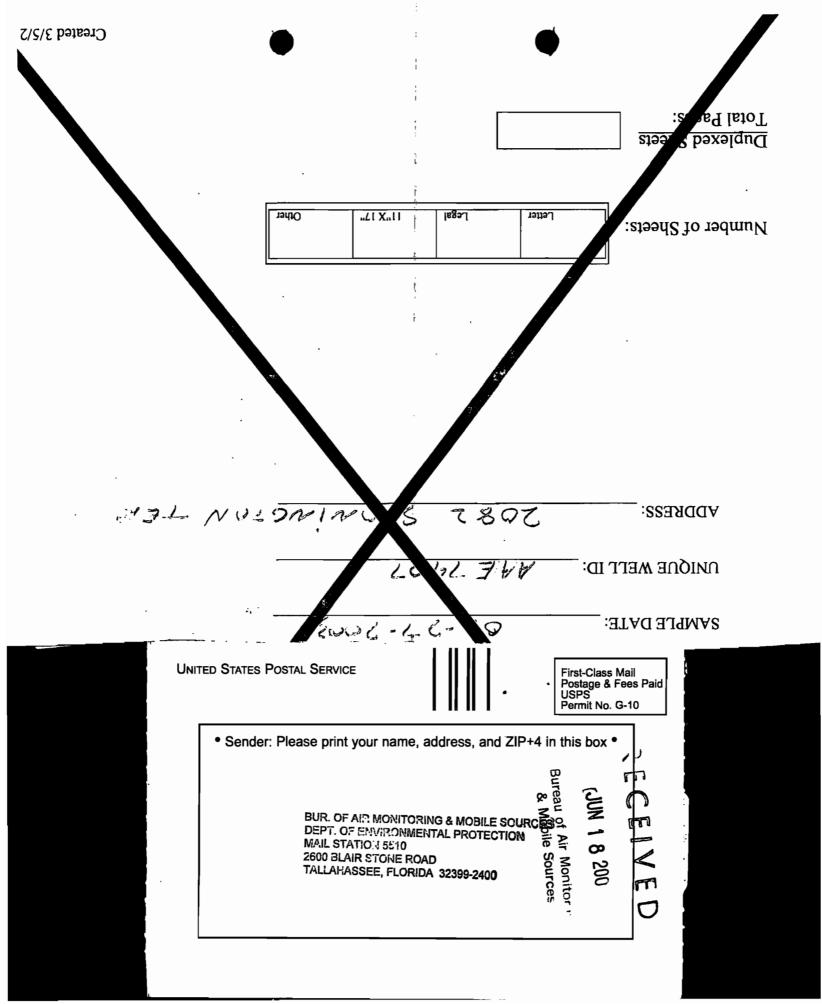
AIRS ID 1030339

BILLY E & EARLENE PATTON
BILLY E PATTON 97 HIGHLAND AVE LARGO FL 33770

	Postage	\$
	Certified Fee	
	Special Delivery Fee	
	Restricted Delivery Fee	
PS Form 3800 , April 1995	Return Receipt Showing to Whom & Date Delivered	_
April	Return Receipt Showing to Whom, Date, & Addressee's Address	
800,	TOTAL Postage & Fees	\$
m 3	Postmark or Date	
For		
S		

on the reverse side?	SENDER: Complete items 1 and/or 2 for additional services. Complete items 3, 4a, and 4b. Print your name and address on the reverse of this form so that we card to you. Attach this form to the front of the mailpiece, or on the back if space permit. Write "Return Receipt Requested" on the mailpiece below the article. The Return Receipt will show to whom the article was delivered and delivered.	e does not e number.	I also wish to receive the following services (for an extra fee): 1. Addressee's Address 2. Restricted Delivery Consult postmaster for fee.	ipt Service.
N ADDRESS completed o	AIRS ID 1030339 BILLY E & EARLENE PATTON BILLY E PATTON 97 HIGHLAND AVE LARGO FL 33770	4b. Service 1 Registere Express I	Type ed Certified Mail Insured ceipt for Merchandise COD	you for using Return Receipt
s your <u>RETUR</u>	5. Feceived By: (Print Name) 6. Signature (Addressee or Igent) X	8. Addressee and fee is	e's Address (Only if requested paid)	Thank)
_	PS Form 3811 , December 1994	2595-97-B-0179	Domestic Return Receipt	t

US Postal Service Receipt for Certified Mail No Insurance Coverage Provided. Do not use for International Mail (See reverse) Section 10 AIRS ID # 1030339001AG BILLY E PATTON HIGHLAND CLEANERS 97 HIGHLAND AVE LARGO FL 33770	U.S. Postal Service CERTIFIED MAIL RECEIPT (Domestic Mail Only; No Insurance Coverage Provided) Article Sent To: 2210 662 417 (C.D.)
Certified Fee Special Delivery Fee Restricted Delivery Fee Return Receipt Showing to Whom & Date Delivered Return Receipt Showing to Whom, Date, & Addressee's Address TOTAL Postage & Fees Postmark or Date	Certified Fee Return Receipt Fee (Endorsement Required) Restricted Delivery Fee (Endorsement Required) Total Postage & Fees Name (Please Prior Clearly) (to be completed by mailer) Street, Apt. Ny., or PO Sex 13000 AG City, State, ZIP+4
8 - S - S - S - S - S - S - S - S - S -	See Reverse for Instructions COMPLETE THIS SECTION ON DELIVERY A. Received by (Please Print Clearly) C. Signature X Addressee D. Is delivery address different from itel 1? Yes If YES, enter delivery address below: 3. Service Type Certified Mail Express Mail Registered Return Receipt for Merchandise Insured Mail C.O.D. 4. Restricted Delivery? (Extra Fee) Yes



THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING

0**35**38**57**

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

TOTAL AMOUNT DUE: \$50.00

Do NOT Remove Label

AIRS ID # 1030339

HIGHLAND CLEANERS BILLY E PATTON 97 HIGHLAND AVE LARGO FL 33770 FOR GOVERNMENT USE OF THE PRINCIPLE OF T

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258927

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RECEIVED MAIL ROOM

TOTAL AMOUNT DUE: \$50.00

JAN 24 97

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Org.: 37550101000 EO: B1 Fund: 20-2-035001

Оыј.: 002273

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Org.: 37550101000 EO: B1 Fund: 20-2-035001

Obj.: 002273

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

TOTAL AMOUNT DUE: \$50.00

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HIGHLAND CLEANERS BILLY E PATTON 97 HIGHLAND AVE LARGO FL 33770 DEC 15 DEC

FOR GOVERNMENT USE ONLY Org.: 37550101000 EO: A1

Fund: 20-2-035001 Obj.: 002273