

Department of Environmental Protection

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

Virginia B. Wetherell Secretary

August 27, 1997

Mr. Angelo Guarnieri Tux Cleaners 1898 North Highland Clearwater, Florida 34615

Re: Facility No. 1030394

Dear Mr. Guarnieri:

The Department has received the Title V General Permit Notification Form for the dry cleaning facility that you submitted on August 6, 1997.

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

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

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

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

Dotty Diltz, Chief

Bureau of Air Monitoring and Mobile Sources

DD/jw

cc: Mr. Gary Robbins, Pinellas County

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

Perchloroethylene Dry Cleaning Facility Notification

Facility Name and Location

1. Facility Owner/Company Nam	e (Name of corporation, a	agency, or individ	ual owner):		
Angelo Graza. Site Name (For example, plan	uarnieri /	Tux	Clean	ers	
2. Site Name (For example, plan	name or number):				
Tux Cles	iners		•		
3. Hazardous Waste Generator Id	lentification Number:	_			
3-163-	51-1105-	- 1			
4. Facility Location:					
Street Address: 1893 N City: Clearwate	- FI County: P:	001105	Zip Code: 3	4615	
City. Ciedi Wace	i, to county. The	refras	Zip code.	1613	
5 Eacility Identification Number	(DEP.Use)				
en mengamunta kan di king dan kengangan kan pangan berajan ke	*	and anyther are seen and anyther plant	ACTUAL STATE OF THE STATE OF TH		
	Responsible O	fficial			
6. Name and Title of Responsible	e Official:				
7. Responsible Official Mailing	Guarnier	, own	er		
Responsible Official Mailing Organization/Firm:	Address:	,			
Street Address: 1893 N	1. Hiahland				
City: Ckarwate	County: F	Pinellas	Zip Code	34615	
8. Responsible Official Telepho		Fax: ()	_	•	
Telephone: (813) 44	7-8433	rax. ()	-		
Facility	Contact (If different fro	nm Responsible ()	efficial)		•
		, ar recoponistore o			_
9. Name and Title of Facility Co	ontact (For example, plant	manager):	· .		
10. Facility Contact Address:				·	1
•					
Street Address:			7 ' 0 1		
City:	County:		Zip Code:		1
11. Facility Contact Telephone N	lumber:		· · · · · · · · · · · · · · · · · · ·		1
Telephone: ()	-	Fax: ()	•		7
				RECEIV	
			•		
				1 A 9114	107

1030394

ρ <i>13</i>	Add Organization / Firm.
·	Should not be worked. Morb out and initial.
.	R.O. signature for changes

Facility Information

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

		Date	Date		Date	Date	Т —	Date	Date
, .		Machine	Control		Machine	Control		Machine	Control
·		Initially	Device		Initially	Device		Initially	Device
Type of Machine	ID	1 -	Installed	ID	Purchased	Installed	ID	Purchased	Installed
Example	#/	03-OCT-93	12-NOV-93	#2	08-DEC-91		#3	02-MAR-92	02-MAR-92
Dry-to-Dry Unit		_							
(1) w/ ref. condenser		1							
(2) w/ carbon adsorber						· .			
(3) w/ no controls							1		
Washer Unit			·		••••			•	
(4) w/ ref. condenser		3/1/79	7						
(5) w/ carbon adsorber		1 1 1				:			:
(6) w/ no controls				†		,	1		
Dryer Unit		!-							*
(7) w/ ref. condenser		3/1/90	J acon	Ţ			ΤΤ		
(8) w/ carbon adsorber									
(9) w/ no controls									
Reclaimer Unit		·							•
(10) w/ ref. condenser		3/1/70					T		
(11) w/carbon adsorber		+ - / / / / 		†	· ·		1		
(12) w/ no controls							1		
(b) Control devices are required, but not yet installed									
3. What is the facility's so (Indicate with an "X". Existing small a	Sele	ect one classi	fication only	.)	finitions four		(3) o	f Part II?	
Existing large a	rea s	ource 🔀) 1	lew l	arge area sou	ırce . [」		

4. What control technology is required on machines pursuant to section (5) of Part II of this notification form? (Indicate with an "X".)					
Existing large area source Carbon adsorber	Refrigerated condenser	<u>~</u>			
New small area source Refrigerated condenser					
New large area source Refrigerated condenser					
T	pt emissions units shall not be eligible to t all steam and hot water generating unit s exist on-site:	• .			
All steam and hot water generating units on-site (1) have a total heat input of 10 million BTU/hr or less (298 boiler HP or less), and (2) are fired exclusively by natural gas except for periods of natural gas curtailment during which propane or fuel oil containing no more than one percent sulfur is fired.					
uniting which propane or fuel on coma	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
All steam and hot water generating unit No such units on-site		,			
All steam and hot water generating uni		<i>y.</i>			
All steam and hot water generating uni		,			
All steam and hot water generating unit No such units on-site					
All steam and hot water generating unit No such units on-site Equipment	its exempt [X]	mation			
All steam and hot water generating unit No such units on-site Equipment	Monitoring and Recordkeeping Information in the sequence with the requirements.	mation			
All steam and hot water generating unit No such units on-site Equipment Check all logs which are required to be	Monitoring and Recordkeeping Informe kept on-site in accordance with the requires	mation uirements of this general permit:			
All steam and hot water generating unit No such units on-site Equipment Check all logs which are required to be (a) Purchase receipts and solvent purch	Monitoring and Recordkeeping Informe kept on-site in accordance with the requires	mation uirements of this general permit:			
All steam and hot water generating unit No such units on-site Equipment Check all logs which are required to be (a) Purchase receipts and solvent purch (b) Leak detection inspection and repa	Monitoring and Recordkeeping Informe kept on-site in accordance with the requires	mation uirements of this general permit:			
All steam and hot water generating unit No such units on-site Equipment Check all logs which are required to be (a) Purchase receipts and solvent purch (b) Leak detection inspection and repa	Monitoring and Recordkeeping Informe kept on-site in accordance with the requires	mation uirements of this general permit:			

Surrender of Existing Air Permit(s)

	Sarrender of Salaring III. I crimit(s)
lease indicat	e 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)
ıΣı	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	Myll) Hurmum Date Department of any changes to the information contained in this notification. Myll) Hurmum Date

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

,	
TYPE OF INSPECTION: ANNUAL 🗹	COMPLAINT/DISCOVERY RE-INSPECTION 103039
TIME IN: 3:50 p.m. TIME	OUT: 4:15 p.m. AIRS ID# 40311817 \\
TYPE OF FACILITY: Perchloroethyle	ene Dry Cleaner
FACILITY NAME: Tux Cleaners	DATE: July 10, 1997
FACILITY LOCATION: 4261 Gulf Blvd	1., #122, Clearwater, FL 34630 /893 N. Highlan
RESPONSIBLE OFFICIAL: Angelo Guorin	nieri PHONE NUMBER: 813-596-8300
to be in compliance with DEP Rule 62-213	uirements evaluated during this inspection, the facility is four 3.300, Florida Administrative Code (F.A.C.). uirements evaluated during this inspection, the following FOLLOW-UP ACTION REQUIRED
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 twelve month rolling average.	Develop and implement a recordkeeping procedure that maintains monthly purchases (perc) as a twelve month rolling average.
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 procedure for maintaining and operating equipment during periods of start-up and shutdown associated with a malfunction. EPA's O&M manual may be used if no manufacturers information is available. Keep log of maintenance actions
Did not measure and record the washer exhaust temperature at the condenser inlet and outlet weekly. Accuracy of temperature sensor ±2°F.	Measure and record the washer exhaust temperature at the condenser inlet and outlet weekly verifying that the temperature differential is greater than 20°F.
The Annual Compliance Certification form has been proper DATE OF NEXT INSPECTION:	rly certified and submitted to the inspector. Yes V No 🗆
INSPECTION CONDUCTED BY:	Jeffrey Morris
INSPECTOR'S SIGNATURE:	PHONE NI MPED: (4)-(4-44-72

Page $\underline{1}$ of $\underline{2}$

Revised 10/96

TYPE OF INSPECTION: ANNUAL E	COMPLAINT/DISCOVERY RE-INSPECTION
TIME IN: 3:50 p.m. TIME	E OUT: 4:15 p.m. AIRS ID# -10311817 9
TYPE OF FACILITY: Perchloroethyle	lene Dry Cleaner
FACILITY NAME: Tux Cleaners	DATE: July 10, 1997
FACILITY LOCATION: 1261-Gulf Blve	d., #122, Clearwater, FL 34630 1893 1. Thighle
RESPONSIBLE OFFICIAL: Angelo Guori	inieri PHONE NUMBER: 813-596-8300
to be in compliance with DEP Rule 62-21	quirements evaluated during this inspection, the facility is found 13.300, Florida Administrative Code (F.A.C.). quirements evaluated during this inspection, the following
Did not measure and record 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	Develop and maintain a plan to measure and record perc concentrations in the exhaust stream on a weekly basis at the end of the final drying cycle while the machine is venting to the carbon adsorber. Verify that the perc concentration is equal or less than 100 ppm.
Did not maintain a log of leak detection inspection and repair records.	Develop and implement a leak detection inspection and repair program. Maintain a log of leak detection inspection and repair records.
Did not install a sampling port on the carbon adsorber exhaust for measuring perc concentrations.	Install the sampling port on the carbon adsorber that is at least 8 duct diameters downstream from any bend, contraction, or expansion and at least 2 duct diameters upstream from any bend, contraction, or expansion.
Comments: Facility applied for GP. Field Inspector assisted o	owner in processing notification.
The Annual Compliance Certification form has been prope DATE OF NEXT INSPECTION: INSPECTION CONDUCTED BY:	August 10, 1997 (Approximate) Textrey Morris (Please Print)
INSPECTOR'S SIGNATURE:	Mamala PHONE NUMBER: 464-4422

Page <u>2</u> of <u>2</u>

Revised 10/96

•		1030394
AIRS ID#:	103	18/7

R FranciscE 10/10/96 ED

DRY CLEANER AIR QUALITY GENERAL PERMIT

PERMIT AUG 1 8 1997
FORM

	AMMOAD COME	MANCE CENT	rication for		reau of Air Monitorii
FACILITY NAME:	Tux Clec	aners	· · · · · · · · · · · · · · · · · · ·	DATE:	& Mobile Sources
FACILITY LOCATION:	1893 N.	Highlar	nd		
	Clearwat	_	34615		
nnual Reporting Period:	July 25	1996	то , Те	11y 25	1997
ased on each term or condition 2-213.300, Florida Administra	-			<u> </u>	Rule INO
NO, complete the following:		•			
l. Term or condition of the ge	neral permit that has not	been in continuous	compliance during th	e reporting period :	stated above:
Did not we temperature cact period of non-compliance		1			•
ethod used to demonstrate con	liance: Meas temp. npliance: Verify	at condering that t	record w nser in let cemp dittere	asher ex + outlet ential equa	: haust weekly. .1 to on > 20°1
Term or condition of the ge	neral permit that has not	been in continuous	compliance during the	e reporting period s	stated above:
Did not me the exhaust act period of non-compliance	sticeam wee	d record exix at the uly 25, 199	relend of	the fina	itions in cycles
ion(s) taken to achieve comp thod used to demonstrate com i	npliance: the fi	be < 100pp	record pream on a lig cycle. (erc conc weekly b Perc conc	entration Pasis during centration
the responsible official, I here the in this notification are true n rolling averages of purcha for transfer or combination SPONSIBLE OFFICIAL:	e, accurate and complete se receipts, does not exc	e. Further, my annuc eed 2,100 gallons pe LN(EL)	al consumption of per	chloroethylene sol	vent, based

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

AIRS ID#: 10311517

R ERCVISE IP/W/9E D

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

AUG 1 8 1997

ANNUAL CONTENTICE CENTRACTION TOTAL
FACILITY NAME: TUx Cleaner DATE: 4 Mobile Sources FACILITY LOCATION: 1893 N. Highland
FACILITY LOCATION: 1893 N. Highland Clearwater, FL 34615
unnual Reporting Period: July 25, 1996 TO July 25, 1997
tased on each term or condition of the Title V general air permit, my facility has remained in compliance with DEP Rule 2-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statement. TYES NO
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:
Did not assure that the sampling port for measuring perce concentrations is at least sauct diameters downstruct period of non-compliance: Growth upper from any identity and setting of the conditions stated. Ethod used to demonstrate compliance: The conditions stated.
Term or condition of the general permit that has not been in continuous compliance during the reporting period stated above:
Did not maintain a log of leak detection in Spection and repair records act period of non-compliance: from July 25, 1996 to July 25, 1997
thod used to demonstrate compliance: Develop and implement a leak detection and repair program, Maintain a weekly leak log.
the responsible official, I hereby certify, based on information and belief formed after reasonable inquiry, that the statements de in this notification are true, accurate and complete. Further, my annual consumption of perchloroethylene solvent, based in rolling averages of purchase receipts, does not exceed 2,100 gallons per year for dry-to dryfacilities or 1,800 gallons per for transfer or combination facilities. SPONSIBLE OFFICIAL: Name (Please Print) Signature Date

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

AIRS 10#: 40314817

R FreseErdiM6ED

DRY CLEANER AIR QUALITY GENERAL PERMIT

AUG 1 8 1997

·	74	-			Rur	eau of Air Monitoring
FACILITY NAME:	Tux	Cleaner	S)		& Mobile Sources 7/25/97
FACILITY LOCATION:	1893	N. Hi	anland			
	Cle	arwater,	FL 346	,15	-	
\nnual Reporting Period:	July	25,	19 <u>96</u> TO	July	25	1997
Pased on each term or condition 2-213.300, Florida Administra					_	Rule NO
NO, complete the following:						
l. Term or condition of the ge	eneral permit t	hat has not been in cont	inuous compliance	during the reportir	ng period :	stated above:
Purchase	recei	its were	not m	aintaine	ed p	coperly
cact period of non-compliance				July	•	9
ction(s) taken to achieve comp		,				
ethod used to demonstrate con	mpliance:	Maintain Dlog kept order.	on-15(f	te in ch	ron	ologica (
. Term or condition of the ge	eneral permit t	nat has not been in cont	inuous compliance	during the reporting	ng period s	stated above:
twelve mor	th co	July 25	1996 to			
tion(s) taken to achieve comp	oliance:	Develop as	d imale			
thod used to demonstrate con	mpliance:	Develop ar procedure (perc) as	that mo	sintains 1 month co	مومع	overage.
the responsible official, I he de in this notification are tru n rolling averages of purcha	ie, accurate an	d complete. Further, m	y annual consum	otion of perchloroeti	hylene sol	vent, based
r for transfer or combination						1/2
SPONSIBLE OFFICIAL:	HUGERO	(AVARLIERI	Ungelo	Stewnie	u 7	1/25/87
	Name	(Please Print)		Signature	,	Date .

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

AIRS ID#: 10311917

RECEVEN, E.D.

DRY CLEANER AIR QUALITY GENERAL PERMIT AUG 1 8 1997 ANNUAL COMPLIANCE CERTIFICATION FORM

	Bureau of Air Monitoring
FACILITY NAME: TUX Cleaners	& Mobile Sources DATE: 7/25/9
FACILITY LOCATION: 1893 N High GAR	
Clearwater, FL 34615	
Annual Reporting Period: July 25, 1996 TO July	28, 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	MO
If NO, complete the following:	
#1. Term or condition of the general permit that has not been in continuous compliance during the reporti	
Did not have a start-up, shutdown	for malfund
Did not have a start-up, shutdown (SSM) plan in place, along with associate Exact period of non-compliance: from July 25, 1996 to July	d record Keepi
Action(s) taken to achieve compliance: Utilize the operations mother of reclaimer.	
Method used to demonstrate compliance: Both washer & reclainer.	
#2. Term or condition of the general permit that has not been in continuous compliance during the reporting	ng period stated above:
Did not have any information regard	ing design
Did not have any information regard accuracy of temperature sensor; shall be 3 Exact period of non-compliance: from July 25, 1996 to July 2	5,1997
Action(s) taken to achieve compliance: Retain Schemotics or a l	_
Method used to demonstrate compliance: is designed for a couracy	that sensor
As the responsible official, I hereby certify, based on information and belief formed after reasonable inqui	ry that the statements
made in this notification are true, accurate and complete. Further, my annual consumption of perchlogoet	hylene solvent, based
upon rolling averages of purchase receipts, does not exceed 2,100 gallons per year for dry-to dry facilities year for transfer or combination facilities.	or 1,800 gallons per
RESPONSIBLE OFFICIAL: ANGEN (SUAPLNIER) Ungelo Lucu	neen 7/25/87
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.



Facility may choose to either dispose of perc-containing separator

water as hazardous waste, or incorporate a carbon filtration system

Store all perc and perc-containing waste in tightly sealed containers

which are impervious and chemically unreactive to the solvent.

Develop and implement a leak detection inspection and repair

program. Maintain a log of leak detection inspection and repair

with the evaporator (as per the State's guidelines).

TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

	INSPECTION SUMMARY REPORT					
,	TYPE OF INSPECTION: ANNUAL COMPLAINT/DIS	COVERY RE-INSPECTION				
	AIRS ID#: 1030394 001 DATE: 1/20/98 TIME IN: 10:30 TIME OUT: 11:00 FACILITY NAME: Tux Cleaners					
	FACILITY LOCATION: 1893 N. Highland Ave.					
	Clearwater, FL		ı			
	RESPONSIBLE OFFICIAL: Mr. Angelo Guarnieri Permit No1030394-001-AG Exp. Date:08/12/2002	Phone No.:442-8433				
	Based of the results of the compliance requirements evaluate compliance with DEP Rule 62-213.300, Florida Administration Based on the results of the compliance requirements evaluate discrepancies were noted (only items which are checked):	tive Code (F.A.C.).				
Inspection Summary Report Guidance						
	Compliance Requirement/Problem	Follow-up Action Required	_			
9	plan in place, along with associated recordkeeping, on site. a SSM plan the equipment dust malfunction.	procedures are available from the manufacturer, development describes procedures for maintaining and operating uring periods of start-up and shutdown associated with a EPA's O&M manual may be used if no manufacturers available. Keep log of maintenance actions				
<u></u>		ourchase receipts in a log kept on-site for determination of vlene solvent consumption.				
ū		implement a recordkeeping procedure that maintains hases (perc) as a consecutive twelve month total.				
	measure 45°F with an accuracy of ±2°F. is designed to	cation from the manufacturer that the temperature sensor of measure 45°F with an accuracy of ±2°F, or determine or method that the Department would consider				

records.

Evaporator for separator wastewater does not incorporate

Did not store all perc, and perc-containing waste in tightly

Did not maintain a log of leak detection inspection and

a pre-filtration system.

sealed containers.

repair records.

٦	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.			
D	Did not measure and record perc. Concentration in the exhaust Stream of the Carbon Odsorber once weekly bus.	Install Port for precision flere con sentration at the ontlet of the carbon adsorber. Messay sere, concentration welley, at the end of the final diging End, while the machine is until to the order			
!	Comments: No Secondary Contain	ment for machines and waste leak observed during the 1/5/98			
	drums. Filethay has replined t	ear observed aring the 70/48			
	If the Inspection Summary Report indicates follow-up actions are required, you must take immediate corrective measures to achieve compliance. Pinellas County will perform a follow-up inspection to determine that proper corrective actions have been taken.				
	The Annual Compliance Certification form has been properly certified and submitted to the inspector. Yes \(\subseteq \) No \(\subseteq \)				
	Inspection Conducted by: Mayaret V. Hennis (Please Print) Inspector's Signature: Mayaret U. Houris				
	Inspector's Signature: Majaret W	1. Houris			
	Phone Number: 464-4422	Date of next Inspection: //2//48 (Approximate)			

]	TYPE OF INSPECTION: ANNUAL 🗆 COM	PLAINT/DISCOVERY RE-INSPECTION PLAINT/DISCOVERY	
	AIRS ID#: 1030394 001 DATE: 1/31/FACILITY NAME: Tux Cleaners FACILITY LOCATION: 1893 N. Highland Av Clearwater, FL RESPONSIBLE OFFICIAL: Mr. Angelo Guarnieri Permit No. 1030394-001-AG Exp. Date:	Phone No.: 442-8433	
Based of the results of the compliance requirements evaluated during this inspection, the facility is found to be in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.). Based on the results of the compliance requirements evaluated during this inspection, the following compliance discrepancies were noted (only items which are checked):			
	Inspection Sum	mary Report Guidance	
	Compliance Requirement/Problem	Follow-up Action Required	
of of	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	
D	Purchase receipts were not maintained properly.	Maintain all purchase receipts in a log kept on-site for determination of perchloroethylene solvent consumption.	
	Monthly purchase records were not maintained as a consecutive twelve month total.	Develop and implement a recordkeeping procedure that maintains monthly purchases (perc) as a consecutive twelve month total.	
	Could not confirm that temperature sensor was designed to measure 45°F with an accuracy of ±2°F.	Obtain verification from the manufacturer that the temperature sensor is designed to measure 45°F with an accuracy of ±2°F, or determine this by another method that the Department would consider appropriate.	
	Evaporator for separator wastewater does not incorporate a pre-filtration system.	Facility may choose to either dispose of perc-containing separator water as hazardous waste, or incorporate a carbon filtration system with the evaporator (as per the State's guidelines).	
	Did not store all perc, and perc-containing waste in tightly sealed containers.	Store all perc and perc-containing waste in tightly sealed containers which are impervious and chemically unreactive to the solvent.	
D	Did not maintain a log of leak detection inspection and repair records.	Develop and implement a leak detection inspection and repair program. Maintain a log of leak detection inspection and repair	

records.

	Did not conduct weekly leak detection and repair inspection.	Develop and implement a leak detection inspection and repair program. Use at least one of the methods outlined in Part II, Section 7(a), of the general permit provisions, to detect leaks. Inspect the items listed in Part II, Section 7(b), for leaks. Repair leaks within 24 hours of detection, unless repair equipment must be ordered.
	No calibration records for the mechanical direct reading instrumentation (halogen detector) were available.	Mechanical direct-reading instrumentation shall be operated as directed by the manufacturer and must meet the conditions in Part II, Section 7(e) of the general permit provisions
	Did not measure and record the outlet temperature of the refrigerated condenser on the dry-to-dry machine (dryer, reclaimer) on a weekly basis.	Develop and implement a monitoring program. Measure and record the outlet temperature on a weekly basis. The temperature, measured at the end of the drying cycle, must not exceed 45°F.
	Airflow is directed towards the refrigerated condenser upon the door being opened and no diverter valve is in place.	Equip the condenser with a diverter valve to prevent air flow to the refrigerated condenser when the door is opened.
	The outlet exhaust temperature of the refrigerated condenser exceeds 45°F and was not repaired within 24 hours.	Repair or adjust condenser within 24 hours of measurement indicating that the outlet exhaust temperature of the refrigerated condenser exceeds 45°F. The repair shall be documented in the monitoring record log.
	Machine doors are not closed and secure during times other than loading and unloading.	Keep doors closed and secured at all times except during loading and unloading.
	Temperature monitoring was not conducted after an appropriate cooldown period and after verifying that the coolant was completely charged.	Conduct all temperature monitoring following an appropriate cooldown period and after verifying that the coolant has been completely charged.
	Containers for perchloroethylene and/or perchloroethylen- containing waste were found to be leaking.	Examine the containers, used for storing perchloroethylene and/or perchloroethylene-containing waste, for leakage.
8	Did not measure and record perc. Concentration in the exhalist Shear weekly of the carbon adsorber.	Install port for measuring per concentrations of ontile of Carison advortor. Measure concentration the oxform weekley, at the sud of the fring caple, while the macroslip until forth assorbe
	Comments: No secondary Contamina	I for machine and waste arums.
	If the Inspection Summary Report indicates follow-up actions	L for machine and waste Arums. Pation that they are maintaining solvente for carbon adsorbs beds according to mfg. Spector required, you must take immediate corrective measures to up inspection to determine that proper corrective actions have been
	The Annual Compliance Certification form has been properly	
	Inspection Conducted by: Margaret Inspector's Signature: 740 janet	W Hennis (Please Print)
,	. , , ,	· ·
	Phone Number: 464-4422	Date of next Inspection: $\frac{2}{6}/\frac{6}{8}$

(Approximate)

INSI ECTION SUMMART REPORT					
TYPE OF INSPECTION: ANNUAL 🗖 COM	APLAINT/DISCOVERY RE-INSPECTION				
AIRS ID#: 1030394 001 DATE: 1/15/6	TIME IN: 9:15 TIME OUT: 10:15				
FACILITY NAME: Tux Cleaners	<u>. </u>				
FACILITY LOCATION: 1893 N. Highland A	ve.				
Clearwater, FL	<u> </u>				
RESPONSIBLE OFFICIAL: Mr. Angelo Guarnieri Permit No1030394-001-AG Exp. Date:					
compliance with DEP Rule 62-213.300, Flo	irements evaluated during this inspection, the following compliance				
•	Inspection Summary Report Guidance				
Compliance Requirement/Problem	Follow-up Action Required				
Did not have a start-up, shutdown, malfunction (SSM) plan in place, along with associated recordkeeping, on site. If no specific procedures are available from the manufacture a SSM plan that describes procedures for maintaining and of equipment during periods of start-up and shutdown associate malfunction. EPA's O&M manual may be used if no manufacture 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	Facility may choose to either dispose of perc-containing separator				

records.

water as hazardous waste, or incorporate a carbon filtration system

Store all perc and perc-containing waste in tightly sealed containers

which are impervious and chemically unreactive to the solvent.

Develop and implement a leak detection inspection and repair

program. Maintain a log of leak detection inspection and repair

with the evaporator (as per the State's guidelines).

다

a pre-filtration system.

sealed containers.

repair records.

Did not store all perc, and perc-containing waste in tightly

Did not maintain a log of leak detection inspection and

D	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.
旦	Did not measure and record perc Concentration in the exhaust Stream weekly of the Carbon adsorber	Trustall part for measuring fere concentration aboutlehor Carin adderson. Measure concentration in the exhaps to stream weekly with one of the final and of the final and of the final and could be weeking out ing to the addersor.
	Comments: No Jecondam Conta	unment for machines and whate
	Arums. Facility has air was	conment for machine and waste of white facility weeds to provide
A	ecomendation that they are maintainer	a sowend - to carlow ration + Steam pressure for
	If the Inspection Summary Report indicates follow-up actions	s are required, you must take immediate corrective measures to up inspection to determine that proper corrective actions have been
	The Annual Compliance Certification form has been properly	
	Inspection Conducted by: Margaret 4	(Please Print)
	Inspector's Signature: Majaref V.	Henris
	Phone Number: 464-4422	Date of next Inspection: 1/20/58 (Approximate)



AUG 1 8 1997

Bureau of Air Monitoring & Mobile Sources

PERCHLOROETHYLENE DRY CLEANERS

TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION:	ANNUAL RE-INSPECTION	v 0	COMPLAINT/DISC	COVERY	
1.66	RE-INSPECTION	N LI			
AIRS ID#: 1030	TIME II	n: 3/50	P.M. TIME OUT	: 4:15	5p.m.
FACILITY NAME:	TUX	Clear	ners		
FACILITY LOCATION:	1993 1	1 High	land		
	Clear	water	F1 341	215	
		Via		_:	
DIDEN NOMINICIENOS					
PART I: NOTIFICATION					
(check appropriate box)					_
Existing facility notified DAR	•				
2. New facility notified DARM 30					
3. Facility failed to notify DARM	to use general perm	nit			<u> </u>
PART II: CLASSIFICATION		· ·			
Facility indicated on notification (check appropriate box)	form that it is:		•	•	
A.	-0-		÷		
1. Existing small area source dry-to-dry only, x<140 gal/yr		2. New small ardry-to-dry only,			
transfer only, x<200 gal/yr		transfer only, x<			
both types, x<140 gal/yr		both types, x<14			
(constructed before 12/9/91)		(constructed on c	r after 12/9/91)		
3. Existing large area source	· . 🗹	4. New large ar			
dry-to-dry only, 140 <x<2, 100="" 200<x<1,800="" ga<="" only,="" td="" transfer=""><td></td><td></td><td>140<x<2, 100="" gal="" yr<br="">0<x<1,800 gal="" td="" yr<=""><td></td><td></td></x<1,800></x<2,></td></x<2,>			140 <x<2, 100="" gal="" yr<br="">0<x<1,800 gal="" td="" yr<=""><td></td><td></td></x<1,800></x<2,>		
both types, 140 <x<1,800 gal="" td="" y.<=""><td></td><td>both types, 140<</td><td></td><td></td><td></td></x<1,800>		both types, 140<			
(constructed before 12/9/91)		(constructed on c	r after 12/9/91)		
This is a correct facility classifica	tion	ØY ON	, •		
If no, please check the appropriat	e classification:			•	
	for a general perm above limits and is		above general permit		
B. The total quantity of perchlore facility was 133 Heallons.	ethylene (perc) pur	chased within the	preceding 12 month	s by this dry	cleaning

PART III: GENERAL CONTROL REQUIREMENTS	
Is the responsible official of the dry cleaning facility: (check appropriate boxes)	,
Storing perchloroethylene in tightly scaled and impervious containers?	ELY, DN
2. Examining the containers for leakage?	CY ON
3. Closing and securing machine doors except during loading/unloading?	MY ON
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	MC AM
Maintaining solvent-to-carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	OY ON DANA
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 refrig (complete A below).	erated condenser
If classification 3 has been checked, the machine should be equipped with either a condenser or a carbon adsorber (complete A and B below). Carbon adsorber must installed prior to September 22, 1993	refrigerated ! have been
If classification 4 has been checked, the machine should be equipped with a refrig (complete A and B below).	erated condenser
A. Has the responsible official of all new sources and existing large area sources: (check appropriate boxes)	. '
1. Equipped all machines with the appropriate vent controls?	OY ON
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	OY ON ON/A
3. Equipped the condenser with a diverter valve spainflow will be directed away from the condenser upon opening the door?	OY ON ON/A
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly basis?	OY ON
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	מם עם
6. Conducted all temperature monitoring after an appropriate cooldown period and after verifying that the coolant had been completely charged?	OY ON
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?	DY ON

Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly?	DY WY
Is the temperature differential equal to or greater than 20° F?	DY - ENT PO NA
3. Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is venting to the adsorber, if machines are equipped with a carbon adsorber?	OY WY ON/A
Is the perc concentration equal to or less than 100 ppm?	DY AN WA
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?	OY ON
5. Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	MY ON ON/A
6. Routed airflow to the carbon adsorber (if used) at all times?	₽¥ □N □N/A
PART V: RECORDKEEPING REQUIREMENTS	
Has the responsible official: (check appropriate boxes)	<i>(</i>
Maintained receipts for perc purchased?	DY-MN,
Maintained rolling monthly averages of perc consumption?	DY DN
3. Maintained leak detection inspection and repair reports for the following:	/
a. documentation of leaks repaired w/in 24 hrs? or;	DY EN
b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?	DY DN
4. Maintained calibration data? (for direct reading instruments only)	OY ON DINA
5. Maintained exhaust duct monitoring data on perc concentrations?	אם צם א/A
6. Maintained startup/shutdown/malfunction plan?	ON RIV
7. Maintained deviation reports?	DY ØN
Problem corrected?	אם אַם
8. Maintained compliance plan, if applicable?	AVND NO YO
C TO CONTROL TO DO TO	
PART VI: LEAK DETECTION AND REPAIRS	
1. Does the responsible official conduct a weekly leak detection and repair inspection?	OY ON
2. Which method of detection is used by the responsible official?	
Visual examination (condensed solvent on exterior surfaces)	٥
Physical detection (airflow felt through gaskets)	
Odor (noticeable percodor)	П

Use of direct-reading instrumentation (FID/PID/calorimetric tubes)

						=
	If using direct-reading instrum	entation	, is the equ	aipment:		
	a. Capable of detecting	pere vap	or concent	rations in a range of 0-500 ppm?	\Box Y	ВИ
	b. Calibrated against a standard gas prior to and after each use (PID/FID only)?				ΟY	ПΝ
	•	nd obviou	ıs signs of	wear on a weekly basis?	ΠY	ОИ
	d. Kept in a clean and s		_		ΠY	ОИ
	•			samples (calorimetric only)?	ΠY	ОИ
3	Has the facility maintained a leak log?	•		,		· /
	The following areas should be checked		s hy the ins	spector	_,	
7.	The following areas should be elicence		Detected?	spector.	Leaki	Detected?
	Hose connections, fittings,				Leak	/
	couplings, and valves	ΩY	MIN	Muck cookers	ΠY	D _V V
	Door gaskets and seating	ΩY	ΔŊ	Stills	ΠY	ON /
	Filter gaskets and scating	ΩY	ЫN	Exhaust dampers	ΠY	Ø41
	Pumps	Ο̈́Υ	МN	Diverter valves	ΠY	DAN
l	Solvent tanks and containers	ΩY	D N/	Cartridge filter housings	ПΥ	DN D
	Water separators	ΠY	ON			
	Mike Wol-	P		THE COMMON PARTY AND AND ADDRESS OF THE PARTY	,	
_	Angelo Guar	- in 1	eri	7/29	5/9	7

Anoeb Suarin 1811
Name of Responsible Official

Inspector's Name (Please Print)

Inspector's Signature

Date of Inspection

Approximate Date of Next Inspection

ADDITIONAL SITE INFORMATION:

Solvo Miser smalger
SNIFF-O-MISER Model/Model & Serial # &M 130 &
Serial #814A3044181 Moder & FM 130

Transfer machine

- Parchase receipts not on site
or in chronological order
or colling a.19

- No weekly leak log

- No concentration monitoring

- No temperature monitoring

- No leak detection

Tobustial boiler CO Serial #10817
Natural Gas PS 103P/DAS
- No secondary containment for
Machine
- Waste Water removed as haz. Waste

- secondary containment on har wante

]	TYPE OF INSPECTION: ANNUAL 🗆 COME	PLAINT/DISCOVERY \(\Q_\) RE-INSPECTION \(\Q_\)			
	AIRS ID#: 1030394 001 DATE: 3/5/5 FACILITY NAME: Tux Cleaners	38 TIME IN: <u>//: 30</u> TIME OUT: <u>/ シ;30</u>			
	FACILITY LOCATION: 1893 N. Highland Av	re.			
	Clearwater, FL				
	RESPONSIBLE OFFICIAL: Mr. Angelo Guarnieri Permit No1030394-001-AG Exp. Date:				
	Based of the results of the compliance requirements evaluated during this inspection, the facility is found to be in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.). Based on the results of the compliance requirements evaluated during this inspection, the following compliance discrepancies were noted (only items which are checked):				
	Inspection Summ	mary Report Guidance			
7	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.			
1	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.

	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.		
D	It owill of carbon adsorber willy	Install part then measure and record the pere concentration in the extenses them withing at the end of the final about pingle while the machine to but up to the addresses.		
	Comments: No suconday conta	inmentofor machines and perco		
	If the Inspection Summary Report indicates follow-up actions achieve compliance. Pinellas County will perform a follow-utaken. The Annual Compliance Certification form has been properly	s are required, you must take immediate corrective measures to up inspection to determine that proper corrective actions have been by certified and submitted to the inspector. Yes \(\Boxed{\sigma}\) No \(\Boxed{\sigma}\)		
	Inspection Conducted by: May are L. Hennis (Please Print) Inspector's Signature: May puch V. Hennis			
	Inspector's Signature: Many net 6.	Hunis		
	Phone Number: 464-4422	Date of next Inspection: 3/6/95		

(Approximate)

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION: ANNUAL RE-INSPECTION	COMPLAINT/DISCOVERY •
AIRS ID#: 1030394 DATE: 1/20/98 FACILITY NAME: Tux Cleaners	•
FACILITY NAME: 7000 CTEACHERS	
FACILITY LOCATION: 1893 N. HIGHL	and Mr.
_ Clearwater , +	² L
RESPONSIBLE OFFICIAL: angelo Gramieri	Phone No.: 442 - 8433
RESPONSIBLE OFFICIAL: Angelo Gramieri Permit No. 1030394-001-4c Exp. Date:	· ·
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 (Facility notified State 8/22/97)	<u></u>
PART II: CLASSIFICATION	<u>· </u>
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 before 12/9/91)
3. Existing large area source dry-to-dry only, 140 <x<2,100 (constructed="" 12="" 140<x<1,800="" 200<x<1,800="" 9="" 91)<="" before="" both="" gal="" only,="" td="" transfer="" types,="" yr=""><td>4. New large area source dry-to-dry only, 140<x<2,100 (constructed="" 12="" 140<x<1,800="" 200<x<1,800="" 9="" 91)<="" before="" both="" gal="" only,="" td="" transfer="" types,="" yr=""></x<2,100></td></x<2,100>	4. New large area source dry-to-dry only, 140 <x<2,100 (constructed="" 12="" 140<x<1,800="" 200<x<1,800="" 9="" 91)<="" before="" both="" gal="" only,="" td="" transfer="" types,="" yr=""></x<2,100>
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 facility exceeds above limits and is not eligible	
B. The total quantity of perchloroethylene (perc) purchas cleaning facility was no records gallons.	sed within the preceding 12 months by this dry

PART III: GENERAL CONTROL REQUIREMENTS	
Is the responsible official of the dry cleaning facility: (check appropriate boxes)	
1. Storing perchloroethylene in tightly sealed and impervious containers?	□Y □N
2. Examining the containers for leakage?	☑Y □N
3. Closing and securing machine doors except during loading/unloading?	□Y □N
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	⊡rý □n
5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adso beds according to the manufacturer's specifications?	rber OY ON ONA Alconnothedistermed)
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 w (complete A below)	vith a refrigerated condenser
If classification (3) has been checked, the machine should be equipped we condenser or a carbon adsorber (complete A and B below). Carbon adsorber linstalled prior to September 22, 1993.	rith either a refrigerated orber must have been
If classification (4) has been checked, the machine should be equipped v (complete A and B below.)	vith a refrigerated condenser
A. Has the responsible official of all new sources and existing large area (check appropriate boxes)	a sources: Washer Mach i Mach 2
1. Equipped all machines with the appropriate vent controls?	YON YON
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	OYON OY ON ON
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	OY ON OY ONTINA
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly basis?	OY ON OY ON FINA
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 per and after verifying the coolant had been completely charged?	iod OYON OYON WAS

2 -50

_				
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	D'11/4
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	I NA
3.	Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is venting to the adsorber, if machines are equipped with a carbon adsorber? Is the perc concentration equal to or less than 100 ppm? cannot determine	□Y □Y		□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? No port in State 1.	□Y	ŪŊ	□NA
5.	Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	ΠY	□N	⊠na
6.	Routed airflow to the carbon adsorber (if used) at all times?	[]]kv:÷		□b.t.a
	- Trouted annow to the earborn adsorber (if used) at an times.	ΘΫ	N	U NA
<u> </u>	ART V: RECORDKEEPING REQUIREMENTS	GY	UN.	JNA
PA	ART V: RECORDKEEPING REQUIREMENTS	<u> </u>	<u>u</u> n	UNA
PA Ha		□Y		UNA
P.A. (c)	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes)	□Y □Y		UNA
P.A. (c) 1. 2.	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased?	ΩΥ	□N	UNA
P.A. (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?	ΩΥ	□N	UNA
P.A. (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:	□ Y □ Y		UNA
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;	□Y □Y □Y		□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 □ Y		
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		
P. H. (cl. 1. 2. 3. 4. 5.	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		
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		

PA	ART VI: LEAK DETECTION AND R	EPAIR	as		
1.	Does the responsible official conduct a w	eekly l	eak dete	ection and repair inspection?	DY QN
2.	Which method of detection is used by the	e respo	nsible of	fficial?	
	Visual examination (condense	ed solv	ent of ex	kterior surfaces)	
	Physical detection (airflow fe	lt throu	igh gask	rets)	
	Odor (noticeable perc odor)		,		
	Use of direct-reading instrum	entatio	n (FID/I	PID/calorimetric tubes)	. .
	If using direct-reading instrumentation	n, is the	e equip	ment:	
	 a Capable of detecting perc vaporation 0-500 ppm. b. Calibrated against a standard generated (PID/FID only). c. Inspected for leaks and obvious 	gas prio	r to and	after each use	
	d. Kept in a clean and secure area	a when	not in u	se.	$\square_{Y} \square_{N}$
	e. Verified for accuracy by use o (calorimetric only)?	f duplic	cate sam	ples	□y □n
3.	,				□Y □M
4.	8	r leaks	by the i	nspector:	•
	Hose connections, fitting couplings, and valves	四个	\square_{N}	Muck cookers	□y □n
	Door gaskets and seating	${\ }{\ }{\ }{\ }{\ }{\ }{\ }{\ }{\ }{\ }$	\square_{N}	Stills	⊡y □n
	Filter gaskets and seating	ΞY	\square N	Exhaust dampers	□PΥ □N
	Pumps	ŊΥ	\square N	Diverter valves	MAH CIN
	Solvent tanks and containers	ŊΥ	\square N	Cartridge Filter housing	DAY IN
	Water separators	YE	N	blaking volve was reg	Ruced
	Name of Responsible Official				
	Inspector's Name (Please Print)			//30/98 Date of Inspection	on
**************************************	Hazerek V. Hures Inspector's Signature			Approximate Date of Next	

ADDITIONAL	SITE INFORM	IATION:					
Machine #1: Manufacturer				Capacity	lbs		
Model#		Serial#		Mfg yr			
			•				
Machine #2: Manufacturer				Capacity	lbs		
Model#		Serial#	•	Mfg yr			
	permitted sour			. 0			□b.r
	•	ing out the notifica	•		, DEDO	UY □v	ŪN □N
2. Did the facilit	ty insist on filling	out its own notific	cation, and wil	I send it to F	DEP?	ЦY	□N
Record keeping	g:						•
		pecs as to the desig	n accuracy of	the temperati	ure sensor?	\square_{Y}	\square N
(temperati	ure of 45°F w/ac	curacy ±2°F, or 7	'.2°C w/accur	acy of ±1.1°	C)		
Hazardous Wa	ste•						
		water either treate	d or disposed	of properly?		Ω¥	□n
_		t an approved syste	-		n?	\square_{Y}	□N
		ry containment for				\square_{Y}	ŪN
		ry containment for			?	\square_{Y}	\Box N
	•		- 1				
Boiler: Manufacturer				Нр _			
Model #		Serial #		Mfg yr _			
Fuel Type:	Notural cas?	propane?					
ruei Type.	ivaturar gas?	propane?	ruer on: (4	-			
							·
		2 -		/		λ	,
Comments: #	acilia ich	saired leak iceably less is from ca	ing value	-(rest	lilenen	F) 1	To an flow
was de lu	step Dot	iceable, less	0000 07	- perci	100k p	riba	res of
Machine	s and ver	is from ca	rber ac	lacker.	9104		
				•			

ADDITIONAL SITE INFORM	IATION:				
,					
· · · · · · · · · · · · · · · · · · ·					
			٠,	·	
			· · · · · · · · · · · · · · · · · · ·		
				<u> </u>	
	· ·	·			
					<u> </u>
·	_	· · ·			
<u>- · · </u>	·		.		

- 2, 2, 1

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION:	ANNUAL RE-INSPECTION	9	COMPLAINT/DISCOV	ERY 🗖	
AIRS ID#: / U30394 FACILITY NAME:			•		
				·	
FACILITY LOCATION:	1893 N.	Migh	mina 117.		
	Chean wat	Q1-	FL	·	
RESPONSIBLE OFFICIAL	: M. angelo &	Juarni.	Phone No	: <u>442 8433</u>	
Permit No. 1030394-0	001-46- Exp. D	ate:	· .		
PART I: NOTIFICATION	V				
(Check appropriate box)				-	$\overline{}$
1. Existing facility notified	DARM by 9/1/9 6			9	
2. New facility notified DA	RM 30 days prior to	startup			
3. Facility failed to notify D	DARM to use general	permit			
PART II: CLASSIFICAT	ION				
- · · · · · · · · · · · · · · · · · · ·					=
Facility indicated on notific (Check appropriate box)	ation form that it is:	Ĺ	No notification formDrop store / out of bus	iness / petroleum	
A. 1. Existing small area dry-to-dry only, x<140 gally transfer only, x<140 gally (Constructed before 12/	source gal/yr l/yr r			•	
(Check appropriate box) A. 1. Existing small area dry-to-dry only, x < 140 gally transfer only, x < 140 gally (Constructed before 12)	source gal/yr l/yr r 9/91)	1	☐ Drop store / out of bus	ce	
(Check appropriate box) A. 1. Existing small area dry-to-dry only, x<140 transfer only, x<200 gal both types, x<140 gal/y	source gal/yr l/yr 9/91) source <2,100 gal/yr 800 gal/yr 00 gal/yr 9/91)	1	Drop store / out of buse 2. New small area sourd dry-to-dry only, x<140 gall transfer only, x<200 gally both types, x<140 gallyr (Constructed before 12/9/	ce	
A. 1. Existing small area dry-to-dry only, x<140 gally (Constructed before 12/ 3. Existing large area dry-to-dry only, 140 <x-transfer (constructed="" (dry-to-dry="" 12="" 140<x-transfer="" 140<x<1="" 140<x<1,="" 200<x<1,="" 3.="" 80="" <="" area="" before="" both="" existing="" kg.="" large="" only,="" td="" types,=""><td>source gal/yr l/yr 9/91) source <2,100 gal/yr 800 gal/yr 9/91) assification:</td><td>1</td><td>Drop store / out of buse 2. New small area sourd dry-to-dry only, x<140 gall transfer only, x<200 gally both types, x<140 gallyr (Constructed before 12/9/</td><td>ce</td><td></td></x-transfer>	source gal/yr l/yr 9/91) source <2,100 gal/yr 800 gal/yr 9/91) assification:	1	Drop store / out of buse 2. New small area sourd dry-to-dry only, x<140 gall transfer only, x<200 gally both types, x<140 gallyr (Constructed before 12/9/	ce	
A. 1. Existing small area dry-to-dry only, x<140 transfer only, x<200 gal both types, x<140 gal/y (Constructed before 12/ 3. Existing large area dry-to-dry only, 140 <x </x transfer only, 200 <x<1, 12="" 140<x<="" a="" before="" both="" cla<="" constructed="" correct="" facility="" is="" td="" this="" types,=""><td>source gal/yr l/yr r 9/91) source <2,100 gal/yr 800 gal/yr 0 gal/yr 9/91) assification: not determine</td><td></td><td>Drop store / out of buse 2. New small area sourd dry-to-dry only, x<140 gall transfer only, x<200 gally both types, x<140 gallyr (Constructed before 12/9/</td><td>ce</td><td></td></x<1,>	source gal/yr l/yr r 9/91) source <2,100 gal/yr 800 gal/yr 0 gal/yr 9/91) assification: not determine		Drop store / out of buse 2. New small area sourd dry-to-dry only, x<140 gall transfer only, x<200 gally both types, x<140 gallyr (Constructed before 12/9/	ce	
A. 1. Existing small area dry-to-dry only, x<140 stransfer only, x<200 gal both types, x<140 gal/y (Constructed before 12/ 3. Existing large area dry-to-dry only, 140 <x<1 12="" 140<x<1="" 200<x<1="" a="" before="" both="" classing="" co<="" correct="" facility="" in="" is="" only,="" stocked="" td="" this="" transfer="" types,=""><td>source gal/yr l/yr r 9/91) source <2,100 gal/yr 800 gal/yr 0 gal/yr 9/91) assification: not determine</td><td>: as number</td><td>Drop store / out of buse 2. New small area sourd dry-to-dry only, x<140 gal transfer only, x<200 gal/y both types, x<140 gal/yr (Constructed before 12/9/y 4. New large area sourd dry-to-dry only, 140<x<2 (constructed="" 12="" 140<x<1,80="" 200<x<1,80="" 9="" above<="" before="" both="" only,="" td="" transfer="" types,="" y=""><td>ce</td><td></td></x<2></td></x<1>	source gal/yr l/yr r 9/91) source <2,100 gal/yr 800 gal/yr 0 gal/yr 9/91) assification: not determine	: as number	Drop store / out of buse 2. New small area sourd dry-to-dry only, x<140 gal transfer only, x<200 gal/y both types, x<140 gal/yr (Constructed before 12/9/y 4. New large area sourd dry-to-dry only, 140 <x<2 (constructed="" 12="" 140<x<1,80="" 200<x<1,80="" 9="" above<="" before="" both="" only,="" td="" transfer="" types,="" y=""><td>ce</td><td></td></x<2>	ce	
A. 1. Existing small area dry-to-dry only, x<140 stransfer only, x<200 gal both types, x<140 gal/y (Constructed before 12/ 3. Existing large area dry-to-dry only, 140 <x<1 12="" 140<x<1="" 200<x<1="" a="" before="" both="" classing="" co<="" correct="" facility="" in="" is="" only,="" stocked="" td="" this="" transfer="" types,=""><td>source gal/yr l/yr r 9/91) source <2,100 gal/yr 800 gal/yr 9/91) assification: not determine ropriate classification for a general permit a</td><td>as number t eligible f</td><td>Drop store / out of buse 2. New small area sourd dry-to-dry only, x<140 gall transfer only, x<200 gally both types, x<140 gallyr (Constructed before 12/9/4 4. New large area sourd dry-to-dry only, 140<x<2 (constructed="" 12="" 140<x<1,800="" 200<x<1,80="" 4="" 9="" a="" above="" before="" both="" general="" only,="" or="" permit<="" td="" transfer="" types,=""><td>e</td><td></td></x<2></td></x<1>	source gal/yr l/yr r 9/91) source <2,100 gal/yr 800 gal/yr 9/91) assification: not determine ropriate classification for a general permit a	as number t eligible f	Drop store / out of buse 2. New small area sourd dry-to-dry only, x<140 gall transfer only, x<200 gally both types, x<140 gallyr (Constructed before 12/9/4 4. New large area sourd dry-to-dry only, 140 <x<2 (constructed="" 12="" 140<x<1,800="" 200<x<1,80="" 4="" 9="" a="" above="" before="" both="" general="" only,="" or="" permit<="" td="" transfer="" types,=""><td>e</td><td></td></x<2>	e	

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	1		
2. Examining the containers for leakage?	$\mathbf{T}_{\mathbf{Y}}$		١ .		
3. Closing and securing machine doors except during loading/unloading?	Q Y	۵N			
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	☑Y		N		
5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	ƳY		N 🗆 NA		
PART IV: PROCESS VENT CONTROLS	. <u> </u>				
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	condenser		
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	condenser		
A. Has the responsible official of all new sources and existing large area sou (check appropriate boxes)	mas	40	Nellumer Mach L		
1. Equipped all machines with the appropriate vent controls?	⊒ry (N	⊠Y □ N		
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	□ y 〔	ΠN	DY ON GMA		
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	□Y (JN	OY ON W/N		
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly basis?	□Y (□N	DY ON Gifs		
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	□y (⊒n	OY ON O'N/A		
6. Conducted all temperature monitoring after an appropriate cooldown period and after verifying the coolant had been completely charged?	□y□	M	OY ON WAYA		

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	□n	INJ1
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?		ΩN	I N/t
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? Can not be			□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	•	□NA
5.	Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	□Y	ΠN	□•NA
				- 1
6.	Routed airflow to the carbon adsorber (if used) at all times?	4	ΠN	□NA
	Routed airflow to the carbon adsorber (if used) at all times? ART V: RECORDKEEPING REQUIREMENTS	<u> </u>	N	□NA
PA	ART V: RECORDKEEPING REQUIREMENTS		□N	□na
H (c)			□N □N	□na
H: (c)	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes)			□NA
H: (c)	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased?			□NA
H: (c)	ART V: RECORDKEEPING REQUIREMENTS as the responsible official: heck appropriate boxes) Maintained receipts for perc purchased? Maintained rolling monthly averages of perc consumption?			□NA
H: (c)	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:		ON O	□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;			□NA □NA
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?			
P/A HI (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)			
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?			
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?			

PA	ART VI: LEAK DETECTION AND RI	EPAIR	S			
1.	Does the responsible official conduct a w	eekly l	eak dete	ction and repair inspection?	T Y	□N
2.	Which method of detection is used by the	respor	sible of	ficial?		
	Visual examination (condense	ed solve	ent of ex	terior surfaces)		
	Physical detection (airflow fel	lt throu	gh gask	ets)		
	Odor (noticeable perc odor)					
	Use of direct-reading instrume	entatio	ı (FID/F	PID/calorimetric tubes)		
	If using direct-reading instrumentation	ı, is the	equipr	nent:		
	a Capable of detecting perc vapo	r conce	entration	ns in a range of		
	0-500 ppm. b. Calibrated against a standard g	as prio	r to and	after each use	□ Y.	ПN
	(PID/FID only). c. Inspected for leaks and obviou	e ciane	of wear	on a weekly basis?	□Y □Y	Z Z
					□Y	
	d. Kept in a clean and secure area				. L	LI N
	e. Verified for accuracy by use of (calorimetric only)?	aupiic	ate sam	pies	\square_{Y}	\square N
3.	Has the facility maintained a leak log?				\square_{Y}	\square N
4.	The following area should be checked for	r leaks	by the i	nspector:		
	Hose connections, fitting couplings, and valves		ΠN	Muck cookers	ΠY	ŪΝ
	Door gaskets and seating			Stills	⊒ry	
	Filter gaskets and seating	□Y	□N	Exhaust dampers	₽y	\square N
	Pumps	Ū'n	\square_{N}	Diverter valves	\square_{Y}	\square N
	Solvent tanks and containers	\square_{Y}	\square N	Cartridge Filter housing	₽Y	\square N
	Water separators	₽'n	N	<u> </u>		
	Name of Responsible Official					
	Margaret V. Hennis Inspector's Name (Please Print)			2/5/GX		
	Inspector's Name (Please Print)			Date of Inspection	n	
	Inspector's Signature			Approximate Date of Nex	t Inspect	ion

ADDITIONAL	SITE INFORMA	ATION:	·					
Machine #1: Manufacturer				Capacity	lbs	-		
Model#		Serial#		Mfg yr				
Machine #2: Manufacturer				Capacity	lbs			
Model#		Serial#		Mfg yr				
Notification (u	npermitted source	es only):						
· ·	ity assisted in fillin	• ,	fication by the in	spector?		\Box Y	□n	
	ty insist on filling	_		-	ED2	ŪΥ	□N	
2. Did the facili	ty misist on mining t	out its own no	diffication, and wi	ii seila it to 1 D.		— 1	— 111	
Record keeping	g :						•	
1. Does facility	have statement/spe ure of 45°F w/acc		_	_		ΩY	□N	
Hazardous Wa	ste:			•				
1. Is all perc. co	ntaminated wastev	vater either tre	ated or disposed	of properly?		ŪΥ	\square N	
2. If wastewater	is evaporated, is it	an approved sy	stem, and using c	arbon filtration?	?	\square_{Y}	\square N	
3. Does the faci	lity have secondary	y containment	for the dry-dry n	nachine?		\square_{Y}	\square N	
4. Does the faci	lity have secondary	y containment	for any perc. was	ste containers?		\square_{Y}	\square N	
	•	,	. .					
Boiler: Manufacturer				Нр				
Model #				-				
Wiodei #		Seriai #		wing yi		•		
Fuel Type:	Natural gas?	propane?	fuel oil?					
1					·			
				•	•			
Comments:	rurewed op	enating in	ramal for	their can	sen ac	lsock	ier, It	
l }	that steam	/					~	
indicated	that the eg	migner	is sel to ope	úli (2) 10#	He des	orbs	monden	40,
Wohnesdays	a, + midays!	The mianu	of Says eva	yother da	y for s.	once	oury 1	drun
Der north	or less assu	ming a dru	- is 10 gal,	This is con	sidine	a	legnat	& unice
Cesting of t	Lo ortlet street	an proves	· otherwise.	Source has	s not	gch	Burcha	rsid
a bellows,	sump and de	tector to	Ses. & State	of to Mr.	Wolf t	Las	this is a	<u> </u>
	2. I offered +				e. Jon	ru -	nowh	es_
Suckes	receipt a	I loak-	los (caler	Las)				

ADDITIONAL SITE INFORMATION:							
	-						
· · · · · · · · · · · · · · · · · · ·							
<u> </u>							

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

RE-INSPECTION: ANNUAL RE-INSPECTION	COMPLAINT/DISCOVERY
AIRS ID#: 103 0394 DATE: 1/21/9	$\frac{68}{8}$ time in: $\frac{8:00}{8}$ time out: $\frac{9:15}{8}$
FACILITY NAME: Tix Cleaners	
FACILITY LOCATION: 1893 N.	Highland Are.
Chearwate	Highland Are.
Permit No. 1030394-001-40 Exp. Date:	Phone No.: <u>U42-8433</u> 01-1-800 x47-7793
PART I: NOTIFICATION	
(Check appropriate box)	
1. Existing facility notified DARM by 9/1/96	
2. New facility notified DARM 30 days prior to start	tup
3. Facility failed to notify DARM to use general per	mit 2/97)
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 before 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 before 12/9/91)
This is a correct facility classification:	-
☐Ý ☐N ☐ Can not determine	
If no, please check the appropriate classification:	
facility qualified for a general permit as nu facility exceeds above limits and is not eli	
B. The total quantity of perchloroethylene (perc) pur cleaning facility was no record gallons.	rchased within the preceding 12 months by this dry

PART III: GENERAL CONTROL REQUIREMENTS							
Is the responsible official of the dry cleaning facility: (check appropriate boxes)							
1. Storing perchloroethylene in tightly sealed and impervious containers?	ey o	N					
2. Examining the containers for leakage?	Qry O	N					
3. Closing and securing machine doors except during loading/unloading?		N					
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	OYY O	N					
5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications? (No mfo. whit be Church be dittim	DY D	n 🗖 na					
PART IV: PROCESS VENT CONTROLS							
In Part II-A:	<u>-</u>						
If classification (1) has been checked, no controls are required. Proceed to Pa	art V.						
If classification (2) has been checked, the machine should be equipped with a refrigerated condenser (complete A below)							
If classification (3) has been checked, the machine should be equipped with e condenser or a carbon adsorber (complete A and B below). Carbon adsorber installed prior to September 22, 1993.	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.)	refrigerated	condenser					
A. Has the responsible official of all new sources and existing large area sou (check appropriate boxes)	waste	rzelainer Mach 2					
1. Equipped all machines with the appropriate vent controls?	□-Y □ N	OY ON					
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	OYON	DY ON DWA					
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	□y □n	DY OND NA					
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly basis?	□Y □N	DY OND WA					
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	□y □n	OY ONTO NA OY ONTO NA OY ONTO NA OYONTO NA					
6. Conducted all temperature monitoring after an appropriate cooldown period and after verifying the coolant had been completely charged?	□Y□N	DYONG/N/4					

B. Has the responsible official of an existing large or new large area source als	so:
Measured and recorded the exhaust temperature on the outlet side of the conden located on dry-to-dry, reclaimer, and dryer machines on a weekly basis?	nser
 Measured and recorded the washer exhaust temperature at the condenser inlet as outlet weekly? Is the temperature differential equal to or greater than 20°F? 	nd Oy On AA Oy On
3. Measured and recorded the perc concentration in the exhaust stream weekly at t 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? Cannot determ	OY ON ONA
4. Assured that the sampling port on the carbon adsorber exhaust for measuring procedure concentrations is at least 8 duct diameters downstream of any bend, contraction expansion; is at least 2 dust diameters upstream from any bend contraction, or expansion; and downstream from no other inlet?	
5. Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	OY ON ONA
	/
6. Routed airflow to the carbon adsorber (if used) at all times?	DAY ON ONA
6. Routed airflow to the carbon adsorber (if used) at all times? PART V: RECORDKEEPING REQUIREMENTS	ON ONA
PART V: RECORDKEEPING REQUIREMENTS	ON ONA
	OY ON
PART V: RECORDKEEPING REQUIREMENTS Has the responsible official: (check appropriate boxes)	
PART V: RECORDKEEPING REQUIREMENTS Has the responsible official: (check appropriate boxes) 1. Maintained receipts for perc purchased?	□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?	□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:	
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;	
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?	
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)	
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?	
PART V: RECORDKEEPING REQUIREMENTS Has the responsible official: (check appropriate boxes) 1. Maintained receipts for perc purchased? 2. Maintained rolling monthly averages of perc consumption? 3. Maintained leak detection inspection and repair reports for the following: a. documentation of leaks repaired w/in 24 hrs? or; b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt? 4. Maintained calibration data? (for direct reading instrument only) 5. Maintained exhaust duct monitoring data on perc concentrations? 6. Maintained startup/shutdown/malfunction plan?	

PA	ART VI:	LEAK DETECTION AND R	EPAIR	RS			
1.	Does the	e responsible official conduct a v	veekly l	eak det	ection and repair inspection?	ΩY	ŪM.
2.	Which n	nethod of detection is used by the	e respoi	nsible o	fficial?		
		Visual examination (condens	ed solv	ent of e	xterior surfaces)		
		Physical detection (airflow fe	lt throu	ıgh gasl	cets)		
		Odor (noticeable perc odor)					
		Use of direct-reading instrum	entatió	n (FID/	PID/calorimetric tubes)		
	If using	direct-reading instrumentatio	n, is the	e equip	ment:		
	a	0-500 ppm.			-	QΥ	□N
		 Calibrated against a standard general (PID/FID only). Inspected for leaks and obvious 	•			□Y □Y	□N □N
	d	. Kept in a clean and secure are	a when	not in v	ise.	\square_{Y}	\square N
	e	. Verified for accuracy by use o (calorimetric only)?	f duplic	cate sam	nples	ПY	□n
3.	Has the	facility maintained a leak log?				\square_{Y}	\square N
4.	The foll	owing area should be checked for	r leaks	by the i	inspector:		
		lose connections, fitting couplings, and valves	QÝ	ΠN	Muck cookers	ŪΥ	□n
		Ooor gaskets and seating	ΘY	\square_{N}	Stills	₽Y	\square_{N}
	F	ilter gaskets and seating	ΘÝ	\square N	Exhaust dampers	ΘY	\square_{N}
	P	umps	₽¥	\square N	Diverter valves	MAN	\square N
	S	olvent tanks and containers	ŪΥ	\square N	Cartridge Filter housing	VOJEN K	\square N
	V	Vater separators	ΘY	N	No leuks		
	ange Nan	clo Gnameri ne of Responsible Official					
	Mai	ector's Name (Please Print)			1/21/98		
	~	_			Date of Inspection	n	
	140	Inspector's Signature			//26/98 Approximate Date of Next	Inspecti	on

ADDITIONAL	SITE INFORMA	TION:					
Machine #1:					-		
Manufacturer				Capacity	lbs		
Model#		Serial#		Mfg yr	_		
Machine #2:		•					
Manufacturer				Capacity	lbs		
Model#		Serial#		Mfg yr	_		
Notification (u	npermitted source	s only):					
1. Was the facil	ity assisted in filling	g out the notificat	ion by the in	spector?		ΠY	□N
2. Did the facili	ty insist on filling o	out its own notific	ation, and wi	ll send it to FDEP	?	ΠY	\square N
Doord beening							
Record keeping	g: have statement/spe	os as to the design	a accuracy of	the temperature se	ensor?	Пν	
	ure of 45°F w/acci	_					
		, , , , , , , , , , , , , , , , , , , ,		,			
Hazardous Wa				c 1.0			□hr
_	ntaminated wastew		_	_		⊒ Ύ	□N □N
2. If wastewater	is evaporated, is it a	in approved system	n, and using c	arbon Illtration?		□ Υ	
1	lity have secondary					ΔY	
4. Does the fact	lity have secondary	containment for	any perc. was	ste contamers?			— 114
Boiler: Manufacturer				Нр			
				-			
Model #		Serial #				,	
Fuel Type:	Natural gas?	propane? 🗖	fuel oil?				
			,				
Comments: F	enformed in	Sp. W/ 2.0.	Lesent	Discussed	1 w/	hin	all
of the a	eficiencies.	Source inde	rated the	af then wo	nld C	BPai	- Cozer,
1200	receipts:	Mr Granis	i adam	of males is	Doll	- 62	vomaser -
To be an	lease checho's	and other.	record	Keeping Reg	neste	d +	received
Confirmal	hinthal Seco	indiany Cont	farmal	hasberron	dere	L. Sj.	40ke W/
This House	egarding the	work since h	Till ass	est failily u	10.61	trim	ijdelector
hibe ound	info. Loi	sted Site +	or Port.	= said de	dow	nohe	am + Idual
Redmeter a	leak checks hin that Selve exarching the by info, Lot upstream. R	eferred son	rice to they	Weste- H. Ban	11000	due	to facility
being on th	e Cleanup Pr	og an Eligi	bility tis	+			

I

IJ

ン

•

ADDITIONAL SITE INFORMATION:							
		<u> </u>					
		<u> </u>					
							
		<u> </u>					
	· · · · · · · · · · · · · · · · · · ·						
	· · · · · · · · · · · · · · · · · · ·						
		·					
· · ·	·						
	· ————————————————————————————————————						
· · · · · · · · · · · · · · · · · · ·							
	·	·					
		·					
		·					

٠.

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION: ANNUAL RE-INSPECTION	COMPLAINT/DISCOVERY 📮
AIRS ID#: 0394 001 DATE: 1/15/9 FACILITY NAME: Tux Cleaners	TIME IN: 9: 15 TIME OUT: 10:15
	TIA.
FACILITY LOCATION: 1893 N. Highland Av	<u> </u>
Clearwater, FL	
RESPONSIBLE OFFICIAL: Ongelo Gramu Permit No. 1030394-001-AG Exp. Date:	Phone No.: 442-8433
Permit No. <u>1030394-001-AG</u> Exp. Date: _	08/12/2002
PART I: NOTIFICATION	·
(Check appropriate box)	
1. Existing facility notified DARM by 9/1/96	
2. New facility notified DARM 30 days prior to startu	up
3. Facility failed to notify DARM to use general perm	it (Facility Notified State 8/22/97)
PART II: CLASSIFICATION	<u> </u>
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 before 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 before 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 nur facility exceeds above limits and is not elig	mber above ible for a general permit
B. The total quantity of perchloroethylene (perc) purc cleaning facility was <u>no records</u> gallons.	chased within the preceding 12 months by this dry

PART III: GENERAL CONTROL REQUIREMENTS							
Is the responsible official of the dry cleaning facility: (check appropriate boxes)							
1. Storing perchloroethylene in tightly sealed and impervious containers?	☑Y □	N					
2. Examining the containers for leakage?	□ ·Y □	N					
3. Closing and securing machine doors except during loading/unloading?		N					
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?		N					
5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	annot be						
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)	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 (complete A and B below.)	refrigerated	condenser					
A. Has the responsible official of all new sources and existing large area sou (check appropriate boxes)	rces: Waysen Mach_/	Reclaurer Mach 2-					
1. Equipped all machines with the appropriate vent controls?	¹Y □ n	©Ý□N					
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	□Y□N	DY DN DW					
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	□y □n	DY ON ETNA					
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly basis?	□Y □N						
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?		DY DN IT NA					
6. Conducted all temperature monitoring after an appropriate cooldown period and after verifying the coolant had been completely charged?	□y□n	DYON Z NIY					

B. Has the responsible official of an existing large or new large area source also:			
1. Measured and recorded the exhaust temperature on the outlet side of the condenser located on dry-to-dry, reclaimer, and dryer machines on a weekly basis?	□Y		II N/A
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?	□	□N □N	UN/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? Is the perc concentration equal to or less than 100 ppm? (cannot determine)	□y □y		□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? No Sampling perf Chaeved	□Y		□na
5. Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	□ Y	ΠN	□ NA
6. Routed airflow to the carbon adsorber (if used) at all times? (whether during insp.	end.	<u>an</u>	ƊNA
PART V: RECORDKEEPING REQUIREMENTS			:
			:
PART V: RECORDKEEPING REQUIREMENTS			:
PART V: RECORDKEEPING REQUIREMENTS Has the responsible official: (check appropriate boxes)	□Y □Y		:
PART V: RECORDKEEPING REQUIREMENTS Has the responsible official: (check appropriate boxes) 1. Maintained receipts for perc purchased?	□Y □Y		:
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 □ Y □ Y		:
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 □ Y		:
PART V: RECORDKEEPING REQUIREMENTS Has the responsible official: (check appropriate boxes) 1. Maintained receipts for perc purchased? 2. Maintained rolling monthly averages of perc consumption? 3. Maintained leak detection inspection and repair reports for the following: a. documentation of leaks repaired w/in 24 hrs? or;	□ Y □ Y □ Y		⊒mía
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 □ Y □ Y		₽ÑA
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 □Y □Y □Y □Y		₽ÑA
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?			₽ŃA
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?			

PA	ART VI: LEAK DETECTION AND F	REPAIR	S			
1.	Does the responsible official conduct a	weekly le	eak dete	ction and repair inspection?	ΩY	
2.	Which method of detection is used by the	ne respon	sible of	ficial?		
	Visual examination (conden	sed solve	ent of ex	terior surfaces)		
ļ.	Physical detection (airflow f	elt throu	gh gask	ets)		
	Odor (noticeable perc odor)					
	Use of direct-reading instrur	nentation	n (FID/F	PID/calorimetric tubes)		
	If using direct-reading instrumentation				~	
	a Capable of detecting perc var	or conce	entration	ns in a range of	₩ -	WH
	0-500 ppm. b. Calibrated against a standard	gas prio	r to and	after each use	ЦY	□N
	(PID/FID only).c. Inspected for leaks and obvious	us sions	of wear	on a weekly basis?	□Y □Y	□N □N
	d. Kept in a clean and secure are				□Y	
	e. Verified for accuracy by use				- .	— 11
	(calorimetric only)?	or aapire	ato burn	P	□Y	\square N
3.	Has the facility maintained a leak log?				\square_{Y}	
4.	The following area should be checked f	or leaks	by the in	nspector:		
	Hose connections, fitting couplings, and valves	ΘŶ	□n	Muck cookers	□Y	□N
	Door gaskets and seating	Θý	\square_{N}	Stills	₽¥	\square N
	Filter gaskets and seating	ĽΥ	\square_N	Exhaust dampers	ΘY	\square N
	Pumps	¥Ý	\square N	Diverter valves	□Y	\square N
	Solvent tanks and containers		ΠN	Cartridge Filter housing	ΩY	\square N
	Water separators	<u> </u>	□N			
	Angelo Guarnieri Name of Responsible Official					
	Name of Responsible Official			115/98		
	Margaret V. Hannis Inspector's Name (Please Print)	•		Date of Inspection	n	
	Thomas V. Hennes			//3 0/98 Approximate Date of Next		
	/ Inspector's Signature			Approximate Date of Next	Inspect	ion

	SITE INFORMATION:	·			
Machine #1:	(a how obtained during purio	ninsp.)			
Manufacturer	(Information obtained clining purio	Capacity l	bs		
Model#	Serial#				
Machine #2:					
		Capacityl	bs		
Model#	Serial#	Mfg yr			
Notification (ur	npermitted sources only):				
1. Was the facili	ity assisted in filling out the notification by the in	spector?	□Y □N		
2. Did the facilit	ty insist on filling out its own notification, and wi	ill send it to FDEP?	□Y □N		
Record keeping	g :				
1. Does facility	have statement/specs as to the design accuracy of	f the temperature senso	or? Dy On Ena		
(temperati	ure of 45°F w/accuracy ±2°F, or 7.2°C w/accu	racy of ±1.1°C)			
Hazardous Wa	ste:				
1. Is all perc. co	ntaminated wastewater either treated or disposed	of properly?	¹Y □n		
2. If wastewater	is evaporated, is it an approved system, and using of	carbon filtration?	□Y □N		
3. Does the facil	lity have secondary containment for the dry-dry n	nachine?	Dy Un		
4. Does the facil	lity have secondary containment for any perc. wa	ste containers?	□y ⊒n		
Boiler:					
Manufacturer	(Info obtained during previous insp.)	Нр	-		
Model #	Serial #		-		
Fuel Type:	Natural gas? propane? fuel oil?	۵			
	·				
	Durchan a "Su"th " = 1	h. L. h. 1"1" = -	Can mi		
	Durn has a "Sniffer" = a +				
	- Perc. odor. There is no secon				
for Washe	en dry or stille Container	for Peren from	Suffer 6		
a Costa	Sucket, liater your to open be	elset. Separate	of pere from		
Shaped carbon is returned to wasken. Douglow - vent was					
leaking air, while dryer was on I Notred the air flow and it					
Strag inspectors eyes. Mike Wolf was going to contact regain					
person;	to fix lake, White stain on	floor behind n	uachine.		
Want over	used DEP's compliance cale	dan. Provide	Copy of air		
	roudines, & DER's quide for Si	wall quantity	gradalors and.		
for dry c	Eleaners.		/		

ADDITIONAL SITE INFO	ORMATION:		
·			
		·	
		,	
		·	
			_
	· · · · · · · · · · · · · · · · · · ·		
		,	
		-	

PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

	₽ .	
	PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST	P
TYPE OF INSPECTION:	PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST ANNUAL RE-INSPECTION COMPLAINT/DISCOVERY AND THE STATE OF T	50
130026 AIRS ID#: 1030394-001	DATE: 4/2-8/98 TIME IN: 10:30 TIME OUT: 10:45 TIME	
FACILITY NAME:	Tux Cleaners (Merlin's Cleaners)	
FACILITY LOCATION:	1893 N. Highland Ave.	
	Clearwater, FL, 34615	
RESPONSIBLE OFFICIA	AL: Angelo Guarnieri Row Enstace PHONE: 442-8433	
CONTACT: Mike	901/2 PHONE: 442-8433	
PART I: NOTIFICATION		
(Check appropriate box)	,	
1. New facility notified DA	RM 30 days prior to startup	
2. Facility failed to notify D	DARM to use general permit	
PART II: CLASSIFICATI	ION Sonry has removed markines - nowhas veriouse	
Facility indicated on notification (Check appropriate box)	ation form that it is: No potification form Drop store / out of business / petroleum	
A. 1. Existing small area of dry-to-dry only, x<14 transfer only, x<200 both types, x<140 ga (Constructed before	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	4. New large area source dry-to-dry only, 140 <x<2,100 (1,800="" (constructed="" 12="" 140<x<1,800="" 800="" 9="" 91)<="" <1,800="" after="" both="" gal="" on="" or="" td="" types,="" yr=""><td></td></x<2,100>	
This is a correct facility clas	ssification: Y N Can not determine	
facility qualified	appropriate classification: for a general permit as number above above limits and is not eligible for a general permit	
B. The total quantity of per facility was	rchloroethylene (perc) purchased within the preceding 12 months by this dry cleaning gallons.	

PA	RT III: GENERAL CONTROL REQUIREMENTS			
	the responsible official of the dry cleaning facility: eck-appropriate boxes)			-,
1.	Storing perchloroethylene in tightly sealed and impervious containers?	Y	ПN	□NA
2.	Examining the containers for leakage?	\ \ \ Y	\square N	□NA
3.	Closing and securing machine doors except during loading/unloading?	Q Y	ПN	
4.	Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	□ Y	ПN	□ NA
5.	Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	□ y	ПΝ	□ NA
PA	RT IV: PROCESS VENT CONTROLS		<u>.</u>	
_	Part II-A:			7
	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 cond	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 must ha	refrigerate ave been	ed
	If classification (4) has been checked, the machine should be equipped with a (complete A and B below.)	refrige	rated con	denser
A.	Has the responsible official of all new sources and existing large area sou (check appropriate boxes)	rces:		
1.	Equipped all machines with the appropriate vent controls?	☐ Y	ПN	
2.	Equipped dry-to-dry machines with a closed-loop vapor venting system?	☐ Y	\square N	□ NA
3.	Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	ΩY	ΩN	□NA
4.	Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis?	□Y	Ди	
5.	Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	☐ Y	ПN)□ NA
6.	Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	□ Y	ПN	

В.	Has the responsible official of an existing large or new large area source also:			
Ι.	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	□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	
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	ПΥ	Πin	□NA
,	machines are equipped with a carbon adsorber? Is the perc concentration equal to or less than 100 ppm?	ΩY	ΠN	
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?	QY	N	□NA
5.	Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	ΩY	ΠN	□NA
6.	Routed airflow to the carbon adsorber (if used) at all times?	ΩY	N	□NA
	ART V: RECORDKEEPING REQUIREMENTS			
H	as the responsible official: neck appropriate boxes)			
	Maintained rescipts for perc purchased?	TY	\square N	
	Maintained rolling monthly averages of perc consumption?	\square_{Y}	\square N	
	Maintained leak detection inspection and repair reports for the following:			
	a. documentation of leaks repaired w/in 24 hrs? or;	\square_{Y}	\square N	
	 b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt? 	ΩY	ΠN	· .
4.	Maintained calibration data? (for direct reading instrument only)	ДΥ	\square N	\square NA
5.	Maintained exhaust duct monitoring data on perc concentrations?	_ □Y.	$\square N$	
	Maintained startup/shatdown/malfunction plan?	DX	N	
7.	Maintained deviation reports?	\square_{Y}	□N	
	Problem corrected?	QΥ	\square N	
8.	Maintained compliance plan, if applicable?	ŪΥ	ΠN	□NA

1. Does the responsible official conduct a weekly leak detection and repair inspection? Which method of detection is used by the responsible official? Visual examination (condensed solvent of exterior surfaces)	PA	RT VI: LEAK DETECTION AND RE	PAIR	S				
Visual examination (condensed solvent of exterior surfaces) Physical detection (airflow felt through gaskets) Odor (noticeable perc odor) Use of direct-reading instrumentation (FID/PID/calorimetric tubes) If using direct-reading instrumentation, is the equipment: a Capable of detecting perc vapor concentrations in a range of 0-500 ppm. b. Calibrated against a standard gas prior to and after each use (PID/FID only). c. Inspected for leaks and obvious signs of wear on a weekly basis? d. Kept in a clean and secure area when not in use. e. Verified for accuracy by use of duplicate samples (calorimetric only)? 3. Has the facility maintained a leak log? 4. The following area should be checked for leaks by the inspector: Hose connections, fitting couplings, and valves Y N N Stills Y N Stills Y N Stills Y N Exhaust dampers Y N Diverter valves Y N Diverter valves Y N N Diverter valves Y N N Cartridge Filter housing Y N Cartridge Filter housing Y N N Cartridge Filter housing Y N N Solvent tanks and containers Y N N Cartridge Filter housing Y N N Stills Y N N Solvent tanks and containers Y N N Cartridge Filter housing Y N N Stills Y N N Solvent tanks and containers Y N N Cartridge Filter housing Y N N Stills Y N N Solvent tanks and containers Y N N Cartridge Filter housing Y N N Stills Y N N Solvent tanks and containers Y N N Cartridge Filter housing Y N N Stills Y N N N N N N N N N N N N N N N N N N	1.	Does the responsible official conduct a we	ekly le	ak detect	ion ar	d repair inspection?	ΩY	□N
Physical detection (airflow felt through gaskets) Odor (noticeable perc odor) Use of direct-reading instrumentation (FID/PID/calorimetric tubes) If using direct-reading instrumentation, is the equipment: a Capable of detecting perc vapor concentrations in a range of 0-500 ppm. b. Calibrated against a standard gas prior to and after each use (PID/FID only). c. Inspected for leaks and obvious signs of wear on a weekly basis? d. Kept in a clean and secure area when not in use. e. Verified for accuracy by use of duplicate samples (calorimetric only)? 3. Has the facility maintained a leak log? 4. The following area should be checked for leaks by the inspector: Hose connections, fitting couplings, and valves Door gaskets and seating Py N Stills Py N Filter gaskets and seating Py N Exhaust dampers Pumps Solvent tanks and containers Py N Cartridge Filter housing Water separators Aname of Responsible Official Margarel & Hem. 5 Inspector's Name (Please Print) Date of Inspection	2.	Which method of detection is used by the	respon	sible offi	cial?			
Odor (noticeable perc odor) Use of direct-reading instrumentation (FID/PID/calorimetric tubes) If using direct-reading instrumentation, is the equipment: a Capable of detecting perc vapor concentrations in a range of 0-500 ppm. b. Calibrated against a standard gas prior to and after each use (PID/FID only). c. Inspected for leaks and obvious signs of wear on a weekly basis? d. Kept in a clean and secure area/when not in use. e. Verified for accuracy by use of duplicate samples (calorimetric only)? 3. Has the facility maintained a leak log? 4. The following area should be checked for leaks by the inspector: Hose connections, fitting couplings, and valves Door gaskets and seating Y N Stills Filter gaskets and seating Y N Exhaust dampers Pumps Solvent tanks and containers Y N Cartridge Filter housing Water separators Date of Inspection Margarel & Hem.'s Inspector's Name (Please Print) Date of Inspection		Visual examination (condense	d solve	nt of exte	erior s	urfaces)		
Use of direct-reading instrumentation (FID/PID/calorimetric tubes) If using direct-reading instrumentation, is the equipment: a Capable of detecting pere vapor concentrations in a range of 0-500 ppm.		Physical detection (airflow fel	t throug	gh gasket	s)	/.		
Use of direct-reading instrumentation (FID/PID/calorimetric tubes) If using direct-reading instrumentation, is the equipment: a Capable of detecting pere vapor concentrations in a range of 0-500 ppm.		Odor (noticeable perc odor)						
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 standard gas prior to and after each use (PID/FID only). c. Inspected for leaks and obvious signs of wear on a weekly basis? d. Kept in a clean and secure area when not in use. e. Verified for accuracy by use of duplicate samples (calorimetric only)? 3. Has the facility maintained a leak log? 4. The following area should be checked for leaks by the inspector: Hose connections, fitting couplings, and valves			entation	(FID/PI	D/calc	primetric tubes)		
0-500 ppm. b. Calibrated against a standard gas prior to and after each use (PID/FID only). c. Inspected for leaks and obvious signs of wear on a weekly basis? d. Kept in a clean and secure area when not in use. e. Verified for accuracy by use of duplicate samples (calorimetric only)? 3. Has the facility maintained a leak log? 4. The following area should be checked for leaks by the inspector: Hose connections, fitting couplings, and valves								
(PID/FID only). c. Inspected for leaks and obvious signs of wear on a weekly basis? d. Kept in a clean and secure area when not in use. e. Verified for accuracy by use of duplicate samples (calorimetric only)? 3. Has the facility maintained a leak log? 4. The following area should be checked for leaks by the inspector: Hose connections, fitting couplings, and valves Door gaskets and seating Y N Muck cookers Y N Stills Filter gaskets and seating Y N Exhaust dampers Y N Diverter valves Y N Diverter valves Y N Diverter valves Y N Diverter valves Y N Cartridge Filter housing Y N Water separators Anguelo Anament Name of Responsible Official Margarel & Hem. 5 Inspector's Name (Please Print) Date of Inspection		0-500 ppm.						_
e. Verified for accuracy by use of duplicate samples (calorimetric only)? 3. Has the facility maintained a leak log? 4. The following area should be checked for leaks by the inspector: Hose connections, fitting couplings, and valves		(PID/FID only).	/					
(calorimetric only)? 3. Has the facility maintained a leak log? 4. The following area should be checked for leaks by the inspector: Hose connections, fitting couplings, and valves		d. Kept in a clean and secure area	when	not in use	e.		\Box_{Y}	□N
4. The following area should be checked for leaks by the inspector: Hose connections, fitting couplings, and valves		,	duplic	ate samp	les	· ·	ΠY	ΩN
Hose connections, fitting couplings, and valves Door gaskets and seating Filter gaskets and seating Pumps Pumps Pumps Overter valves Ov	3.	Has the facility maintained a leak log?					\square_{Y}	\square_N
Couplings, and valves	4.	The following area should be checked for	leaks	by the in	specto	r:		
Filter gaskets and seating Pumps Pumps Solvent tanks and containers Water separators Py N Cartridge Filter housing Name of Responsible Official Margarel J. Henn: 5 Inspector's Name (Please Print) Date of Inspection			ΩY	ΠN		Muck cookers	ΩY	\square N
Pumps		Door gaskets and seating	\square_{Y}	\square N		Stills	\square_{Y}	\square N
Solvent tanks and containers Water separators Onglo Anameri Name of Responsible Official Margareh V. Henn: 5: Inspector's Name (Please Print) Cartridge Filter housing Y IN Cartridge Filter housing Y IN Date of Inspection		Filter gaskets and seating	\square Y	\square N		Exhaust dampers	\square_{Y}	\square N
Water separators Onglo Anameri Name of Responsible Official Margaret J. Henn: 5 Inspector's Name (Please Print) Date of Inspection		Pumps	\square_{Y}	\square N		Diverter valves	Y	ΠN
Anglo Anameri Name of Responsible Official Margaret J. Henn: 5 Inspector's Name (Please Print) Date of Inspection		Solvent tanks and containers	\square_{Y}	\square N		Cartridge Filter housing	ŪΥ	ΠN
Margaret J. Henn: 5 Inspector's Name (Please Print) Date of Inspection		Water separators	ŪΥ	N	·- <u>-</u>			
Margaret J. Henn's 4/28/98 Inspector's Name (Please Print) Date of Inspection		anglo Anamieri Name of Responsible Official						
		-				4/28/98		
		Inspector's Name (Please Print)			-	Date of Inspection	on	
ATTI I AM A DI LA CALLE OF TEACHER A LOND A BY LAND					CK			Liver Jion

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
MS 5510-37550 304000
2600 BLAIR STONE ROAD
TALLAHASSEE FL 32399-2400



7001 0320 **0**001 7975 8824





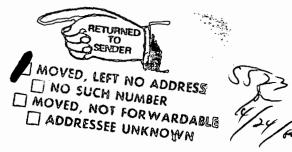
APR 3 0 2002

(APR 3 0 2002

Bureau of Air Monitorine Sources

Bureau Mobile Sources





10 AIRS ID # 1030394 ANGELO GUARNIERI TUX CLEANERS 1893 N HIGHLAND AVE CLEARWATER FL 33



MIN

. -- -- }

	U.S. Postal Service CERTIFIED MAIL RECEIPT (Domestic Mail Only; No Insurance Coverage Provided)
7.0	
88	OFFICIAL USEV
35	Postage \$
797	Certified Fee
7	Return Receipt Fee (Endorsement Required)
0007	Restricted Delivery Fee (Endorsement Required)
50	Total Pos 10 AIRS ID # 1030394
E	Sent To ANGELO GUARNIERI
\ -	Street, Apt. TUX CLEANERS
7007	or PO Box 1893 N HIGHLAND AVE
1	CELARWATER PL 33410-3
<u> </u>	PS Form 3800, January 2001 See Reverse for Instructions

COMPLETE THIS SECTION ON DELIVERY	_
COMPLETE THIS SECTION ON DELIVERT	:
C. Signature X D. Is delivery address different from item 1? Yes, enter delivery address below: N 3. Service Type Certified Mail Express Mail Registered Return Receipt for Meroll Insured Mail C.O.D.	gent ddressee es lo
	
rn Receipt 102595-9	99-M-1789
	A. Received by (Please Print Clearly) B. Date of C. Signature X D. Is delivery address different from item 1? If YES, enter delivery address below: 3. Service Type Certified Mail



THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING

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

303450

TOTAL AMOUNT DUE: \$50.00

Do NOT Remove Label

AIRS ID 1030394

ANGELO GUARNIERI ANGELO GUARNIERI 1893 N HIGHLAND AVE CLEARWATER FL 33416-5

FOR GOVERNMENT USE ONLY

Org.: 37550101000 EO: B1

Fund: 20-2-035001 Obj.: 002273

Z 333 613 219

US Postal Service Receipt for Certified Mail No Insurance Coverage Provided.

AIRS ID 1030394

ANGELO GUARNIERI ANGELO GUARNIERI 1893 N HIGHLAND AVE CLEARWATER FL 33416-5

Postage	a
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 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

	* **		_
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 the card to you. Attach this form to the front of the mailpiece, or on the back if a permit. Write "Return Receipt Requested" on the mailpiece below the a The Return Receipt will show to whom the article was delivered delivered.	space does not	I also wish to receive the following services (for an extra feè): 1. Addressee's Address 2. Restricted Delivery Consult postmaster for fee.
RN ADDRESS completed of	AIRS ID 1030394 ANGELO GUARNIERI ANGELO GUARNIERI 1893 N HIGHLAND AVE CLEARWATER FL 33416-5	7. Date of De	Type and Acceptified Mail Insured Cooperity for Merchandise COD celivery
Is your RETU	5. Ricceived By: (Print Name) 6. Signature: (Aribressee or Agent) PS Form 3811, December 1994	8. Addresses and fee is	psi Address (Only if requested paid) Domestic Return Receipt