

## Department of Environmental Protection

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

November 25, 1996

Virginia B. Wetherell Secretary

Mr. Wayne M. Forman President Crown Cleaners 33821 US Highway 19 North Palm Harbor, Florida 34684

Re: Facility I.D. No. 1030347

Dear Mr. Forman:

The Department has received the Title V General Permit Notification Form for the dry cleaning facility that you submitted on September 5, 1996.

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

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

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

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

Sincerely,

Dotty Diltz, Chief Bureau of Air Monitoring

and Mobile Sources

DD/jw

cc: Mr. Gary Robbins, Pinellas County

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

### Perchloroethylene Dry Cleaning Facility Notification

### **Facility Name and Location**

	·
1.	Facility Owner/Company Name (Name of corporation, agency, or individual owner):
	Site Name (For example, plant name or number):
2.	Site Name (For example, plant name or number):
	CROWN CLEANERS
3.	Hazardous Waste Generator Identification Number:
	FLDCESQG
4.	Facility Location: Street Address: 33821 US Huy 19 N  City: Palm HARBOR FL County: Pinellas Zip Code: 3.4684
	City: Palm HARBOR FL County: PINE 1/AS Zip Code: 3.4684
5.	Facility Identification Number (DEP Use):
	1030347
	December 1
	Responsible Official
6.	Name and Title of Responsible Official: WAYNE M FORMS Pres.
7.	Responsible Official Mailing Address: Organization/Firm:
	Street Address: Same AS # 4 City: Zip Code:
	City: Zip Code:
8.	Responsible Official Telephone Number:
	Telephone: (8/3) 789 - 3997 Fax: ( ) -
	Facility Contact (If different from Responsible Official)
9.	Name and Title of Facility Contact (For example, plant manager):
10.	Facility Contact Address:
	Street Address:
	City: County: Zip Code:
11.	Facility Contact Telephone Number:
	Telephone: ( ) - Fax: ( ) -

RECEIVED

SEP 5 1996

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Bureau of Air Monitoring & Mobile Sources # 1030347

P.15 (f) Should be marked

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#### **Facility Information**

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

		Date	Date		Date	Date		Date	Date
		Machine	Control		Machine	Control		Machine	Control
		Initially	Device		Initially	Device		Initially	Device
Type of Machine	ID	Purchased	Installed	ID	Purchased	Installed	ID	Purchased	Installed
Example	#1	03-OCT-93	12-NOV-93	#2	08-DEC-91		#3	02-MAR-92	02-MAR-
Dry-to-Dry Unit									. *
(1) w/ ref. condenser	#1	30-MA489							
(2) w/ carbon adsorber		1.1							<del> </del>
(3) w/ no controls	×					· ·		_	
Washer Unit		- 1 - 1			•	•			
(4) w/ ref. condenser									
(5) w/ carbon adsorber									
(6) w/ no controls									
Dryer Unit				٠			<u> </u>	1 1	
(7) w/ ref. condenser		1	<u> </u>			T .	T -	<u> </u>	
(8) w/ carbon adsorber									
(9) w/ no controls									
Reclaimer Unit				- :	:				
(10) w/ ref. condenser			]						<u> </u>
(11) w/carbon adsorber									
(I2) w/ no controls									
(b) Control devices are  (c) No control devices  2.(a) What was the total of the second of the secon	are requanting gallo	equired to be ity of perchlo ons ow many? [_	installed [	perc)	purchased in				
3. What is the facility's so (Indicate with an "X".  Existing small ar  Existing large are	Selec ea so	t one classifi	cation only.)	ew sn	nitions found nall area sour	ce [	]	Part II?	
Saisting impe are	500		144	141	5- aa 30 ai	L			

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4. What control technology is required on machines pursus (Indicate with an "X".)	ant to section (5) of Part II of this notification form?
Existing large area source  Carbon adsorber Refr	igerated condenser []
New small area source Refrigerated condenser []	
New large area source Refrigerated condenser  []	
5. A facility which contains non-exempt emissions units s to Rule 62-213.300, F.A.C. Verify that all steam and hot vexemption criteria or that no such units exist on-site:	
All steam and hot water generating units on-site (1) have a boiler HP or less), and (2) are fired exclusively by natural during which propane or fuel oil containing no more than	gas except for periods of natural gas curtailment
All steam and hot water generating units exempt No such units on-site	
Equipment Monitoring and Re	ecordkeeping Information
Check all logs which are required to be kept on-site in account	ordance with the requirements of this general permit:
(a) Purchase receipts and solvent purchases	
(b) Leak detection inspection and repair	
(c) Refrigerated condenser temperature monitoring	[.]
(d) Carbon adsorber exhaust perc concentration monitoring	g [ <u>'</u> ]
(e) Instrument calibration	[ '; ]
(f) Start-up, shutdown, malfunction plan	<u> </u>

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### Surrender of Existing Air Permit(s)

Please indicate	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)
K	No air permits currently exist for the operation of the facility indicated in this notification form.
	Responsible Official Certification
this notifi statement maintain	ersigned, am the responsible official, as defined in Part II of this form, of the facility addressed in cation. I hereby certify, based on information and belief formed after reasonable inquiry, that the s made in this notification are true, accurate and complete. Further, I agree to operate and the air pollution control equipment described above so as to ith all terms and conditions of this general permit as set forth in Part II of this notification form.
I will produced by the second	mptly notify the Department of any changes to the information contained in this notification.  State  Date

ARS ID#: 1030347

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## RECENTED 9

# DRY CLEANER AIR QUALITY GENERAL PERMITNOV 1 0 1997 ANNUAL COMPLIANCE CERTIFICATION FORM

	Monitoring Monitoring
FACILITY NAME: COWN CI.	X MODIA Co
FACILITY LOCATION: 33821 U.S	6.19 N.
Palm Had	DOT, FL 34684
Annual Reporting Period: October 16,	1996 TO October 16, 1997
Based on each term or condition of the Title V general air permit 62-213.300, Florida Administrative Code (F.A.C.), during the permit code (F.A.C.)	
If NO, complete the following:	
#1. Term or condition of the general permit that has not been in	continuous compliance during the reporting period stated above:
Responsible official did no	ot maintain a bi-weekly
Exact period of non-compliance: from Octobe	r 16, 1996 to October 16, 1997
Action(s) taken to achieve compliance: Maintaic	leak log on a bi-weekly basi
Method used to demonstrate compliance:	
#2. Term or condition of the general permit that has not been in o	continuous compliance during the reporting period stated above:
Exact period of non-compliance: from	to
Action(s) taken to achieve compliance:	·
Method used to demonstrate compliance:	
As the responsible official, I hereby certify, based on information made in this notification are true, accurate and complete. Furthe upon rolling averages of purchase receipts, does not exceed 2,100 year for transfer or combination facilities.  RESPONSIBLE OFFICIAL:	r, my annual consumption of perchloroethylene solvent, based
Name (Please Print)	Signature Date

<sup>\*</sup>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.

## RECEIVED

ARS ID#: 1030347

Revised 10/10/9 NOV 1 0 1997

# DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM Bureau of Air Monitoring Mobile Sources

	& Mobile Sources
FACILITY NAME: Crown Cleaners	DATE: 10/16/97
FACILITY LOCATION: 33821 U.S. 19 N.	
Palm Harbor, FL 34	-684
Annual Reporting Period: October 16, 1996 TO	ctoher 16, 1997
Based on each term or condition of the Title V general air permit, my facility has remained 62-213.300, Florida Administrative Code (F.A.C.), during the period covered by this statem	
If NO, complete the following:	
#1. Term or condition of the general permit that has not been in continuous compliance du	ring the reporting period stated above:
Responsible official did not maintain purchase records (receipts)  Exact period of non-compliance: from October 16, 1996 to	october 16, 1997
Action(s) taken to achieve compliance:  Maintain perchloroet  records in chronolog	chylene purchase ical order.
#2. Term or condition of the general permit that has not been in continuous compliance du	ring the reporting period stated above:
Responsible official did not maint purchase records as a monthly rolling Exact period of non-compliance: from October 16,1996 to	ain perchlomethyter of overage October 16, 1997
Action(s) taken to achieve compliance:  Maintain Durchase  12 month rolling aver	records as a
As the responsible official, I hereby certify, based on information and belief formed after remade in this notification are true, accurate and complete. Further, my annual consumption upon rolling averages of purchase receipts, does not exceed 2,100 gallons per year for dry-year for transfer or combination facilities.  RESPONSIBLE OFFICIAL:  Name (Please Print)  Sig	of perchloroethylene solvent, based

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

# TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF INSPECTION: ANNUAL &	COMPLAINT/DISCOVERY	RE-INSPECTION [				
TIME IN: 11:45 a.m. TIME O	OUT: 12:55 p.m. AIR	S ID# 1030347 001				
TYPE OF FACILITY: Perchloroethyle	ene Dry Cleaner					
FACILITY NAME: Crown Cleaner	rs DATE:	October 16, 1997				
FACILITY LOCATION: 33821 U.S. Hig	hway 19 N, Palm Harbor, F	L 34684				
RESPONSIBLE OFFICIAL: Wayne Forma	n PHONE N	UMBER:(813) 789-3997				
<ul> <li>□ Based of the results of the compliance requirements evaluated during this inspection, the facility is four to be in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.).</li> <li>□ Based on the results of the compliance requirements evaluated during this inspection, the following compliance discrepancies were noted:</li> <li>COMPLIANCE REQUIREMENT/PROBLEM</li> </ul> FOLLOW-UP ACTION REQUIRED						
Purchase receipts were not maintained properly.	Maintain all purchase receipts determination of perchloroeth	- <del>-</del> .				
Monthly purchase records were not maintained as a twelve month rolling average.	Develop and implement a recommaintains monthly purchases (rolling average.					
Did not maintain a log of leak detection inspection and repair records.	Develop and implement a leak repair program. Maintain a loand repair records.					

The Annual Compliance Certification form has been prop	perly certified and submitted to the inspector.	Yes  No □
DATE OF NEXT INSPECTION:	October 30, 1997	
	(Approximate)	
INSPECTION CONDUCTED BY:	Jeff Morris	
INSPECTOR'S SIGNATURE:	PHONE NUMBER: 464	-4422
	Page   of i	Revised 10/96

### PERCHLOROETHYLENE DRY CLEANERS

## TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION:	RE-INSPECTION	⊠ □	COMPLAINT/DISC	COVERY	
airs 10#: <u>1030347</u> da	ATE: 10/16/97	_ TIME I	n: <u>11:45a.m</u> tin	1E OUT: <u>[2</u>	:55p.m
FACILITY NAME:	Crown (	Cleo	ners		
FACILITY LOCATION:	33821	US	19 N		
	Palm	tark	or, FL 3	34684	
RESPONSIBLE OFFICIAL : _					·
CONTACT NAME:	WayneF	_			
PART I: NOTIFICATION					
(check appropriate box)			,		
1. New facility notified DARM 30	days prior to startup				
2. Facility failed to notify DARM	to use general permit				
DIDTT OF LOOTING STORY					
PART II: CLASSIFICATION					
Facility indicated on notification (check appropriate box) A.	form that it is:		☐ No notification for ☐ Drop store/out of I		eum
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)	dry-t trans both	fer only, $x < t$ types, $x < 1$	x < 140 gal/yr < 200 gal/yr		
3. Existing large area source dry-to-dry only, $140 \le x \le 2,100$ transfer only, $200 \le x \le 1,800$ g both types, $140 \le x \le 1,800$ gal/(constructed before $12/9/91$ )	O gal/yr dry-t ;al/yr trans /yr both	sfer only, 20 types, 140 <	rea source $140 \le x \le 2,100 \text{ gal/yr}$ $0 \le x \le 1,800 \text{ gal/yr}$ $0 \le x \le 1,800 \text{ gal/yr}$ or after $12/9/91$		
5. This is a correct facility class	ification $\mathbf{\underline{w}}_{\mathbf{Y}}$	□N	□Can not determine		
	propriate classification: qualified for a general p exceeds above limits and				
B. The total quantity of perchloroe	•				i i

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

В.	Has the responsible official of an existing large or new large area source also:			
		_		
	Measured and recorded the exhaust temperature on the outlet side of the condenser located			
C	on dry-to-dry, reclaimer, and dryer machines on a weekly basis?	ΠY	ПИ	
א כ	Messured and recorded the weeker exhaust temperature at the condenser			
	Measured and recorded the washer exhaust temperature at the condenser nlet and outlet weekly?	ПΥ	ΠN	□N/A
_				
	Is the temperature differential equal to or greater than 20° F?	UY	ПN	□N/A
3 N	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,			
	f machines are equipped with a carbon adsorber?	ΠY	ПΝ	□N/A
İ				
	Is the perc concentration equal to or less than 100 ppm?	ЦY	ИN	□N/A
$ _{4,A}$	Assured that the sampling porton 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,			•
0	or expansion; and downstream from no other inlet?	$\Box Y$	ΠN	□N/A
	Equipped (ransfer machines (dryers, reclaimers, and washers), with individual	<b></b>		
C	condenser coils?	ЦY	ЦN	□N/A
6/8	Routed airflow to the carbon adsorber (if used) at all times?	ΠV	ΠN	□N/A
J. K	content affilion to the carbon adsorber (if used) at an unies:	ш <u>г</u>		LIN/A

PART V: RECORDKEEPING REQUIREMENTS	
Has the responsible official: (check appropriate boxes)	
1. Maintained receipts for perc purchased?	DY DEN
2. Maintained rolling monthly averages of perc consumption?	DY <b>B</b> W
3. Maintained leak detection inspection and repair reports for the following:	
a. documentation of leaks repaired w/in 24 hrs? or,	DY DY DN/A
b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?	OY ON ON/A
4. Maintained calibration data? (for applicable direct reading instruments)	OY ON MYA
5. Maintained exhaust duct monitoring data on perc concentrations?	DY DN WN/A
6. Maintained startup/shutdown/malfunction plan?	RA ON
7. Maintained deviation reports?	MY ON ON/A
Problem corrected? (No problems)	אלעם אם אס
8. Maintained compliance plan, if applicable?	DY DN MINA

PA	ART VI: LEAK DETECTION AND R	EPAIRS					
1.	1. Does the responsible official conduct a weekly (for small sources, bi-weekly) leak detection and repair						
	inspection?			ON ON			
2.	Has the facility maintained a leak log?	□Y ⊠Ń					
3.							
	Hose connections, fittings, couplings, and valves	ON ON/A	Muck cookers	DY ON ON/A			
	Door gaskets and seating	DY ON ON/A	Stills	MY ON ON/A			
	Filter gaskets and seating	DY ON ON/A	Exhaust dampers	WY ON ON/A			
	Pumps	OY ON ON/A	Diverter valves	ON ON/A			
	Solvent tanks and containers	DY ON ON/A	Cartridge filter housings	DY ON ON/A			
	Water separators	DY ON ON/A					
4.	Which method of detection is used by th	e responsible offic	ial?	,			
	Visual examination (condensed so	lvent on exterior s	ırfaces)	र्ष,			
	Physical detection (airflow felt thro	ough gaskets)	•	<b>a</b> ,			
	Odor (noticeable perc odor)			<b>1</b>			
	Use of direct-reading instrumentation	ion (FID/PID/calo	rimetric tubes)				
	Halogen leak detector						
	If using direct-reading instru	mentation, is the	equipment:	□N/A			
	a. Capable of detecting pe	erc vapor concentr	ations in a range of 0-500 ppm?	OY ON			
	b. Calibrated against a sta	andard gas prior to	and after each use	D. D.			
	(PID/FID only)?			DY DN			
	c. Inspected for leaks and			OY ON			
	d. Kept in a clean-and sec			OY ON			
	e. Verified for accuracy b	y use of duplicate	samples (calorimetric only)?	OY ON			
_	Inspector's Name (Please Print)  Inspector's Approximate Date of Next Inspection  Approximate Date of Next Inspection						
	V    V						

ADDITIONAL SITE INFORMATION:

AJAX Economotic 40 1b Capacit Mfg: 1987 Model # BS453 Serial # 6504

- Has not maintained a Irak 109,

- Proponegas 15Hp Serial #JISA10 09888998 - Industrial Boiler Co. #5081

- Secondary containment needed

PERCHLOROETHYLENE DRY CLEANERS
TITLE V GENERAL PERMIT
COMPLIANCE INSPECTION CHECKLIST

	AINT/DISCOVERY  RE-INSPECTION
AIRS ID#: 0347 001 DATE: //37/98	TIME IN: <u>\$250</u> TIME OUT: <u>\$210</u>
FACILITY NAME: Crown Cleaners	
FACILITY LOCATION: 33821 U.S. Highway 19	) <u>N</u>
Palm Harbor, FL	
RESPONSIBLE OFFICIAL: Mr. Wayne Forman	Phone No.: 813-789-2271
Permit No. 1030347-001-AG Exp. Date: 1	0/03/2001
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	
DADE II. CLASSIEI CATION	··
PART II: CLASSIFICATION	
Facility indicated on notification form that it is: (Check appropriate box)	<ul><li>☐ No notification form</li><li>☐ Drop store / out of business / petroleum</li></ul>
Α.	2. New small area source
1. Existing small area source	2. New Small area source
dry-to-dry only, x≺140 gal/yr	dry-to-dry only, x<140 gal/yr transfer only, x<200 gal/yr
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)	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)
dry-to-dry only, x≺140 gal/yr	transfer only, x<200 gal/yr
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<2,100 140<x<1,800="" 200<x<1,800="" both="" gal="" only,="" td="" transfer="" types,="" yr="" yr<=""><td>transfer only, x&lt;200 gal/yr both types, x&lt;140 gal/yr (Constructed before 12/9/91)  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>	transfer only, x<200 gal/yr both types, x<140 gal/yr (Constructed before 12/9/91)  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>
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>transfer only, x&lt;200 gal/yr both types, x&lt;140 gal/yr (Constructed before 12/9/91)  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>	transfer only, x<200 gal/yr both types, x<140 gal/yr (Constructed before 12/9/91)  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>
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)="" a="" before="" both="" classification:<="" correct="" facility="" gal="" is="" only,="" td="" this="" transfer="" types,="" yr=""><td>transfer only, x&lt;200 gal/yr both types, x&lt;140 gal/yr (Constructed before 12/9/91)  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="" can="" determine<="" gal="" not="" only,="" td="" transfer="" types,="" yr=""></x<2,100></td></x<2,100>	transfer only, x<200 gal/yr both types, x<140 gal/yr (Constructed before 12/9/91)  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="" can="" determine<="" gal="" not="" only,="" td="" transfer="" types,="" yr=""></x<2,100>

PART III: GENERAL CONTROL REQUIREMENTS				
Is the responsible official of the dry cleaning facility: (check appropriate boxes)				
1. Storing perchloroethylene in tightly sealed and impervious containers?	$\square$ Y	$\square_N$	I	
2. Examining the containers for leakage?	□Y	ΠN		
3. Closing and securing machine doors except during loading/unloading?	ŪΎ	$\square$ N	I	
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	ΘÝ		I	
5. Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	ΩY		i Qma	
			<u> </u>	_
PART IV: PROCESS VENT CONTROLS			<u></u> _	
In Part II-A:				
If classification (1) has been checked, no controls are required. Proceed to Pa	art V.			
If classification (2) has been checked, the machine should be equipped with a (complete A below)	refrige	rated	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	rces:			4.1
(check appropriate boxes)	Mach		Mach	
1. Equipped all machines with the appropriate vent controls?	□ Y [	ЛN	□ y □ N	
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	<b>\</b> Y[	Π	□Y □N	
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	<b>□</b> Y	□N	□y □n	
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly basis?	□ <b>Y</b> [	ΠL	□y □n	
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	□ <b>Y</b> [	ΠL	□y □n	
6. Conducted all temperature monitoring after an appropriate cooldown period and after verifying the coolant had been completely charged?	□Y□	JN	□Y□N	

B. Has the responsible official of an existing large or new large area source also:						
1. Measured and recorded the exhaust temperature on the outlet side of the condenser located on dry-to-dry, reclaimer, and dryer machines on a weekly basis?	ΨY	□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 machines are equipped with a carbon adsorber?  Is the perc concentration equal to or less than 100 ppm?	□Y □Y	□N □N	□na			
4. Assured that the sampling port on the carbon adsorber exhaust for measuring perc concentrations is at least 8 duct diameters downstream of any bend, contraction, or expansion; is at least 2 dust diameters upstream from any bend contraction, or expansion; and downstream from no other inlet?	ΩY	ŪN	□NA			
5. Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	□Y	$\square_{N}$	□NA			
6. Routed airflow to the carbon adsorber (if used) at all times?	ПY	□N	□NA			
PART V: RECORDKEEPING REQUIREMENTS						
Has the responsible official: (check appropriate boxes)						
( The third prime of the )						
Maintained receipts for perc purchased?	<b>₽</b> ₹	□N	•			
· ·		□n □n	`			
1. Maintained receipts for perc purchased?	OY OY	□N □N	,			
<ol> <li>Maintained receipts for perc purchased?</li> <li>Maintained rolling monthly averages of perc consumption?</li> </ol>			,			
<ol> <li>Maintained receipts for perc purchased?</li> <li>Maintained rolling monthly averages of perc consumption?</li> <li>Maintained leak detection inspection and repair reports for the following:</li> </ol>	□Y □	□N	,			
<ol> <li>Maintained receipts for perc purchased?</li> <li>Maintained rolling monthly averages of perc consumption?</li> <li>Maintained leak detection inspection and repair reports for the following:         <ul> <li>a. documentation of leaks repaired w/in 24 hrs? or;</li> </ul> </li> </ol>			<b>□</b> ma			
<ol> <li>Maintained receipts for perc purchased?</li> <li>Maintained rolling monthly averages of perc consumption?</li> <li>Maintained leak detection inspection and repair reports for the following:         <ul> <li>a. documentation of leaks repaired w/in 24 hrs? or;</li> <li>b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?</li> </ul> </li> </ol>			QMA QN4			
<ol> <li>Maintained receipts for perc purchased?</li> <li>Maintained rolling monthly averages of perc consumption?</li> <li>Maintained leak detection inspection and repair reports for the following:         <ul> <li>a. documentation of leaks repaired w/in 24 hrs? or;</li> <li>b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?</li> </ul> </li> <li>Maintained calibration data? (for direct reading instrument only)</li> </ol>						
<ol> <li>Maintained receipts for perc purchased?</li> <li>Maintained rolling monthly averages of perc consumption?</li> <li>Maintained leak detection inspection and repair reports for the following:         <ul> <li>a. documentation of leaks repaired w/in 24 hrs? or;</li> <li>b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?</li> </ul> </li> <li>Maintained calibration data? (for direct reading instrument only)</li> <li>Maintained exhaust duct monitoring data on perc concentrations?</li> </ol>						

PA	ART VI: LEAK DETECTION AND R	EPAIR	S			
1.	Does the responsible official conduct a w	eekly L	eak dete	ction and repair inspection?	Ø¥ □N	
2.	. Which method of detection is used by the	e respor	sible of	ficial?		
	Visual examination (condens	ed solve	ent of ex	terior surfaces)	<u> </u>	
	Physical detection (airflow fe	lt throu	gh gaske	ets)	9	
	Odor (noticeable perc odor)				9	
	Use of direct-reading instrum	entatio	n (FID/P	ID/calorimetric tubes)		
	If using direct-reading instrumentatio	n, is the	e equipn	nent:		
	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?					
Y	d. Kept in a clean and secure are	a when	not in us	se.	$\square_{Y} \square_{N}$	
	e. Verified for accuracy by use o (calorimetric only)?	f duplic	ate samp	ples	$\square_{\mathrm{Y}}$ $\square_{\mathrm{N}}$	
3.	. Has the facility maintained a leak log?				Y UN	
4.	The following area should be checked for the following area should be checked for the following the following the following the following area should be checked for the following area should be checked	r leaks	by the ir	ispector: /lla enine was not r	unning	
   	Hose connections, fitting couplings, and valves	₽¥	□N	Muck cookers	□Y □N	
	Door gaskets and seating	₽Y	$\square$ N	Stills		
	Filter gaskets and seating	Y	$\square$ N	Exhaust dampers	□y □n	
	Pumps	$\square$ Y	$\square$ N	Diverter valves	□Y □N	
	Solvent tanks and containers	QΥ	<b>□</b> N	Cartridge Filter housing	П □N	
	Water separators	<u> I</u> Y	N			
	Wayne Foreman Name of Responsible Official					
	Margaret Hennis Inspector's Name (Please Print)		·	January 27,1998  Date of Inspection		
· · · · · ·	Inspector's Name (Please Print)				n	
	Inspector's Signature			Ociober 1998 Approximate Date of Next	Inspection	

ADDITIONAL	<u> SITE INFOR</u>	RMAT	TION:									
Machine #1:	<u></u>							= =				
			_			Capacity _		_ lbs				
   Model#												
1120001//		_ ~						<del>-</del>				
Machine #2:			•									
						Capacity _		_ lbs			•	
   Model#							•					
141040177		_				1,116 11 -		-				
Notification (u	npermitted so	urces	only):									
1. Was the facil	-		• ,	tificat	ion by the i	nspector?			ПΥ	□N		
2. Did the facili		_			- ,	_	FDEP?		□Y	□N		
	,				<b>,</b>							
Record keepin	_				•							
1. Does facility		_		_		-		nsor?	$\square_{\mathrm{Y}}$	$\square$ N		
(temperat	ture of 45°F w	/accur	acy ±2°F,	or 7.	2°C w/acc	uracy of $\pm 1$ .	1°C)					
   Hazardous Wa	iste:											
1. Is all perc. co		stewat	ter either tr	eated	or dispose	d of properly	<sub>'</sub> ?		ΠY	□N	*	
2. If wastewater					•				$\Box \mathbf{Y}$			
3. Does the faci	•			•	•				ΠY			
4. Does the faci	-	•			7 7		ers?		ŪΥ			
	<b>,</b>				, F							
Boiler:												
Manufacturer						<sub>-</sub> Hp		_				
Model #	<del></del>	S	erial #			_ Mfg yr						
Fuel Type:	Natural gas?		propane?		fuel oil?							
	J		r ·r			•						
Comments:												
		•										
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ADDITIONAL	SITE INFOR	MATI	ON:									

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## TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

	TYPE OF INSPECTION: ANNUAL  COMPLA	AINT/DISCOVERY RE-INSPECTION				
		TIME IN: 1:50 TIME OUT: 2:10				
	FACILITY NAME: Crown Cleaners	· · · ·				
	FACILITY LOCATION: 33821 U.S. Highway 19	N				
	Palm Harbor, FL					
	RESPONSIBLE OFFICIAL: Mr. Wayne Forman	Phone No.: 813-789-2271				
	Permit No1030347-001-AG Exp. Date:10	//03/2001				
	Based of the results of the compliance requirements evaluated during this inspection, the facility is found to be in compliance with DEP Rule 62-213.300, Florida Administrative Code (F.A.C.).  Based on the results of the compliance requirements evaluated during this inspection, the following compliance discrepancies were noted (only items which are checked ):  Inspection Summary Report Guidance					
	Compliance Requirement/Problem	Follow-up Action Required				
]	plan in place, along with associated recordkeeping, on site.  a sequence of the place of the pla	f no specific procedures are available from the manufacturer, develop SSM plan that describes procedures for maintaining and operating quipment during periods of start-up and shutdown associated with a halfunction. EPA's O&M manual may be used if no manufacturers aformation is available. Keep log of maintenance actions				
_ ]		faintain all purchase receipts in a log kept on-site for determination of erchloroethylene solvent consumption.				
כ		evelop and implement a recordkeeping procedure that maintains onthly purchases (perc) as a consecutive twelve month total.				
	measure 45°F with an accuracy of $\pm 2$ °F. is th	obtain verification from the manufacturer that the temperature sensor designed to measure 45°F with an accuracy of ±2°F, or determine his by another method that the Department would consider appropriate.				
]	a pre-filtration system.	acility may choose to either dispose of perc-containing separator rater as hazardous waste, or incorporate a carbon filtration system with the evaporator (as per the State's guidelines).				
		tore all perc and perc-containing waste in tightly sealed containers which are impervious and chemically unreactive to the solvent.				
_		evelop and implement a leak detection inspection and repair rogram. Maintain a log of leak detection inspection and repair				

Did not conduct weekly leak detection and repair inspection.	Develop and implement a leak detection inspection and repair program. Use at least one of the methods outlined in Part II, Section 7(a), of the general permit provisions, to detect leaks. Inspect the items listed in Part II, Section 7(b), for leaks. Repair leaks within 24 hours of detection, unless repair equipment must be ordered.
No calibration records for the mechanical direct reading instrumentation (halogen detector) were available.	Mechanical direct-reading instrumentation shall be operated as directed by the manufacturer and must meet the conditions in Part II, Section 7(e) of the general permit provisions
Did not measure and record the outlet temperature of the refrigerated condenser on the dry-to-dry machine (dryer, reclaimer) on a weekly basis.	Develop and implement a monitoring program. Measure and record the outlet temperature on a weekly basis. The temperature, measured at the end of the drying cycle, must not exceed 45°F.
Airflow is directed towards the refrigerated condenser upon the door being opened and no diverter valve is in place.	Equip the condenser with a diverter valve to prevent air flow to the refrigerated condenser when the door is opened.
The outlet exhaust temperature of the refrigerated condenser exceeds 45°F and was not repaired within 24 hours.	Repair or adjust condenser within 24 hours of measurement indicating that the outlet exhaust temperature of the refrigerated condenser exceeds 45°F. The repair shall be documented in the monitoring record log.
Machine doors are not closed and secure during times other than loading and unloading.	Keep doors closed and secured at all times except during loading and unloading.
Temperature monitoring was not conducted after an appropriate cooldown period and after verifying that the coolant was completely charged.	Conduct all temperature monitoring following an appropriate cooldown period and after verifying that the coolant has been completely charged.
Containers for perchloroethylene and/or perchloroethylen- containing waste were found to be leaking.	Examine the containers, used for storing perchloroethylene and/or perchloroethylene-containing waste, for leakage.
Comments: facility has obtained Se Waste Storage area.	conday 3on tarnmers for Edmical/
	s are required, you must take immediate corrective measures to up inspection to determine that proper corrective actions have been
- <i>1</i>	y certified and submitted to the inspector. Yes No 1497 jump.)
Inspector's Signature:	Heres
Phone Number: 464-4422	Date of next Inspection: (Approximate)

Kar.

AIRS 1D#: 1030347

Revised 10/10/96

# DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORMED

EXICIT TITU NIX NATE.				ከልጥዮ	
FACILITY NAME:(	CROWN CLEANERS	57.1910	APROLITIVE TOTAL		2/11/
ACILITY LOCATION: _		Multin Boo	A Xe Monito	ring	
	Palm Harbor	FL 377	Reprof Air Monitor	Ď.	
			7		
nnual Reporting Period:	January 27	_19 <i>98</i> TO _	March	/(	19 <i>9</i>
	on of the Title V general air permit, rative Code (F.A.C.), during the per		• <u></u>		'Rule □NO
NO, complete the following	:				
l. Term or condition of the p	general permit that has not been in c	continuous complian	ce during the report	ting period	stated above:
xact period of non-compliance	ce: from		to		
ction(s) taken to achieve con	npliance:				
Cethod used to demonstrate co	ompliance;				
ethod used to demonstrate condition of the g	ompliance:  general permit that has not been in c	continuous compliand	ce during the report	ting period	stated above:
Cethod used to demonstrate condition of the g	ompliance:  general permit that has not been in c	continuous compliand		ting period	stated above:
Tethod used to demonstrate condition of the government of the gove	ompliance:  general permit that has not been in c			ting period	stated above:
Ecthod used to demonstrate condition of the grant period of non-compliant ction(s) taken to achieve con	ompliance:  general permit that has not been in c  ce: from  apliance:			ting period	stated above:
(ethod used to demonstrate condition of the government of the government) and the government of the go	ompliance:  general permit that has not been in c  ce: from  apliance:			ting period	stated above:
exact period of non-compliance ction(s) taken to achieve com lethod used to demonstrate com strate compliance strate responsible official, I have cade in this notification are to con rolling averages of purch	general permit that has not been in one of the compliance:  pereby certify, based on information one, accurate and complete. Further, asserted per facilities.	to and belief formed af r, my annual consun	Ter reasonable inqu	uiry, that the	ne statements
Action (s) taken to achieve constrate constrate to achieve constrate constra	general permit that has not been in order from appliance:  pereby certify, based on information or accurate and complete. Further hase receipts, does not exceed 2,100 on facilities.	to and belief formed af r, my annual consun	Ter reasonable inqu	uiry, that the	ne statements

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

Page \_ / of \_ / .

scretion of the responsible official to use this form.

## TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

AIRS ID#: 1030347 001	DATE: 3/11/99 TIME IN:	
FACILITY NAME:	Crown Cleaners	
FACILITY LOCATION: _	33821 U.S. Highway 19 N	
_	Palm Harbor, FL, 34684	
RESPONSIBLE OFFICIAL:	Wayne Forman	Phone: 789-2271
Permit No. 1030347-0	01-AG Exp. Date: 10/03/2001	
	ts of the compliance requirements evaluate	, ,

### **Inspection Summary Report Guidance**

compliance discrepancies were noted (only items which are checked ):

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

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

	Compliance Requirement/Problem	Follow-up Action Required					
	Did not conduct weekly leak detection and repair inspection.	Develop and implement a leak detection inspection and repair program. Use at least one of the methods outlined in Part II, Section 7(a), of the general permit provisions, to detect leaks. Inspect the items listed in Part II, Section 7(b), for leaks. Repair leaks within 24 hours of detection, unless repair equipment must be ordered.					
	No calibration records for the mechanical direct reading instrumentation (halogen detector) were available.	Mechanical direct-reading instrumentation shall be operated as directed by the manufacturer and must meet the conditions in Part II, Section 7(e) of the general permit provisions					
	Did not measure and record the outlet temperature of the refrigerated condenser on the dry-to-dry machine (dryer, reclaimer) on a weekly basis.	Develop and implement a monitoring program. Measure and record the outlet temperature on a weekly basis. The temperature, measured at the end of the drying cycle, must not exceed 45°F.					
	Airflow is directed towards the refrigerated condenser upon the door being opened and no diverter valve is in place.	Equip the condenser with a diverter valve to prevent air flow to the refrigerated condenser when the door is opened.					
	The outlet exhaust temperature of the refrigerated condenser exceeds 45°F and was not repaired within 24 hours.	Repair or adjust condenser within 24 hours of measurement indicating that the outlet exhaust temperature of the refrigerated condenser exceeds 45°F. The repair shall be documented in the monitoring record log.					
	Machine doors are not closed and secure during times other than loading and unloading.	Keep doors closed and secured at all times except during loading and unloading.					
	Temperature monitoring was not conducted after an appropriate cooldown period and after verifying that the coolant was completely charged.	Conduct all temperature monitoring following an appropriate cooldown period and after verifying that the coolant has been completely charged.					
	Containers for perchloroethylene and/or perchloroethylen-containing waste were found to be leaking.	Examine the containers, used for storing perchloroethylene and/or perchloroethylene-containing waste, for leakage.					
	Comments: Jeriodic exceldance occi	used in May 1998, due to Confamination					
•	He (mother excledance clarro (	>140 gol) agam after 5/99, then you					
	will need to begin measuring ?	temperature and increase frequency of					
	Comments: Jeriodic excelled and occurred in Man 1998, due to Confaminate Amother excelled ance occurred (7140 gol) again after 5/99, then you will need to bear measured temperature and increase frequency of link Checks as I discussed but I inspection.  If the Inspection Summary Report indicates follow-up actions are required, you must take immediate corrective measures to achieve compliance. Pinellas County will perform a follow-up inspection to determine that proper corrective actions have been taken.						
	Inspection Conducted by: Margaret Henni						
	Inspector's Signature: Majarel O.	Hernis					
	Phone Number: 464-4422						

And the same of th

### PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION: ANNUAL COMPLAINT/DISCOVERY RE-INSPECTION
AIRS ID#: 1030347 001  DATE: 3/11/99 TIME IN: 12:30 TIME OUT: 11/5  FACILITY NAME: Crown Cleaners  FACILITY LOCATION: 33821 U.S. Highway 19 N  Palm Harbor, FL, 34684
RESPONSIBLE OFFICIAL: Wayne Forman PHONE: 789-2271  CONTACT: PHONE: PHONE:
PART I: NOTIFICATION
(Check appropriate box)  1. Existing facility notified DARM By 9/1/96  2. New facility notified DARM 30 days prior to startup  3. Facility failed to notify DARM to use general permit
PART II: CLASSIFICATION
Facility indicated on notification form that it is: (Check appropriate box)  A.  1. Existing small area source dry-to-dry only, x<140 gal/yr transfer only, x<200 gal/yr both types, x<140 gal/yr (Constructed before 12/9/91)  3. Existing large area source dry-to-dry only, 140 < x<2,100 gal/yr both types, x<1,800 gal/yr transfer only, 200 < x<1,800 gal/yr both types, 140 < x<1,800 gal/yr transfer only, 200 < x<1,800 gal/yr (Constructed before 12/9/91)  This is a correct facility classification:  If no, please check the appropriate classification:  If acility qualified for a general permit as number above  facility exceeds above limits and is not eligible for a general permit
B. The total quantity of perchloroethylene (perc) purchased within the preceding 12 months by this dry cleaning facility was gallons. #

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

В.	Has the responsible official of an existing large or new large area source also:			-
1.	Measured and recorded the exhaust temperature on the outlet side of the condenser located on dry-to-dry, reclaimer, and dryer machines on a weekly basis?	ΩY	ΠN	
2.	Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly?  Is the temperature differential equal to or greater than 20°F?	□y □y	_	□na □na
3.	Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is venting to the adsorber, if machines are equipped with a carbon adsorber?  Is the perc concentration equal to or less than 100 ppm?	□y □y		□na □na
4.	Assured that the sampling port on the carbon adsorber exhaust for measuring perc. concentrations is at least 8 duct diameters downstream of any bend, contraction, or expansion; is at least 2 dust diameters upstream from any bend contraction, or expansion; and downstream from no other inlet?	□Y	M	□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	ΔM	□NA
PA	ART V: RECORDKEEPING REQUIREMENTS			
H:	as the responsible official: neck appropriate boxes)			
1.	Maintained receipts for perc purchased?	9	ŪΝ	
2.			- II	
	Maintained rolling monthly averages of perc consumption?	DK	_	
3.	Maintained rolling monthly averages of perc consumption?  Maintained leak detection inspection and repair reports for the following:	94		
3.			_	□NA
3.	Maintained leak detection inspection and repair reports for the following:  a. documentation of leaks repaired w/in 24 hrs? or;	_	ΠN	Ona WA
	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		00
4.	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)	Q₁y Q₁y		DANA.
	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?	Qry Qry Qry		WANA PARA
4. 5. 6.	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?			WANA PARA
4. 5. 6.	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?			UNA UNA UNA

PA	PART VI: LEAK DETECTION AND REPAIRS							
1.	. Does the responsible official conduct a weekly (for small sources, bi-weekly) leak detection and repair inspection?							
2.	Has the facility maintained a leak log?							
3.	Does the responsible official check the following areas for leaks:							
	Hose connections, fitting couplings, and valves	ÐÝ	ΠN	□NA	Muck cookers	97	ON ONA	
	Door gaskets and seating	ŒΥ	ΩN	□NA	Stills	<b>P</b> Y	□n □na	
	Filter gaskets and seating	OY.	ПN	□na	Exhaust dampers	₽Y.	□n □na	
	Pumps	ØΎ	$\square$ N	$\square$ NA	Diverter valves	45	□n □na	
	Solvent tanks and containers	QÝ	ΠN	□NA	Cartridge Filter housing	QY.	□n □na	
	Water separators	ŒY	$\square_N$	□NA				
4.	Which method of detection is Visual examination Physical detection Odor (noticeable p Use of direct-readi Halogen leak detect							
	If using direct-reading instru	ımenta	tion,	is the equip	oment:			
	a Capable of detecting pe	rc vapo	or con	centrations i	n a range of 0-500 ppm.		□Y □N	
	b. Calibrated against a stan	dard ga	s prio	r to and after	r each use(PID/FID only).		$\square_{\mathbf{N}}$ $\square_{\mathbf{N}}$	
	c. Inspected for leaks and o	bvious	signs	of wear on a	weekly basis?		$\square_{\mathrm{Y}}$ $\square_{\mathrm{N}}$	
	d. Kept in a clean and sec	ure area	a wher	n not in use.	•		$\square_{Y}$ $\square_{N}$	
	e. Verified for accuracy by	use of	duplic	ate samples	(calorimetric only)?		$\square_{Y}$ $\square_{N}$	
	Margaref O. Henris  Inspector's Name (Please Print)  Date of Inspection  3/2000							
	Inspector's Signature Approximate Date of Next Inspection							

### ADDITIONAL SITE INFORMATION:

Fairlik exceeded 140 gal back in May 1998, due to having
to purchase 96 and on May of 1998 to replace contaminated solverty
and filters - Facility has so gal drum of per (noed) that
they will be seconting in the Still to remove water + orly and
then se-using o Their actual usage aspears to be 122.1 gal,
Waste Shipman records reflech from 4 Still bottom wash
neordo in may 1998 baulthy this sores of Still Gottoms
rontinely. Facility has carbon filtration Extern for separator
waste water disposal. adjacent to machine the facility keeps
a talk of water in filtralian System so that they will know
when carbon need to be reclaimed (indryer) I 1000 gustons.
This demonstrate the spare following maintenance frouders for
Sistem. Partite is disposin for his as handedono wasts
w/ old Hitter Do sercodor in store Dork area & plant
System. Partity is disposin for his as handono waste wolf of the fitters. Do percodor in store, work area & plant is out clean. Ind I - Advoid owner of requirements to moneton
temperature of their usage goes above 140 again. They do not purden
pue every month - normally

IRS ID#: \_\_/030347\_\_\_\_

Revised 10/10/96

## DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

CILITY NAME: Crown Cleaner	- 5			DATE: _	11/9/99
CILITY LOCATION: 33821 G	1.5. Hwy 19	7 D	<u>.</u>	· 	
CILITY LOCATION: 33821 G	or FL	346 F	W.	· .	
nual Reporting Period: Narch (	19 99	то	Nov.	9	19 <u>_</u> 99
sed on each term or condition of the Title V general a	ir permit, my facility	has rema	ined in compl	iance with DEP	Rule
213.300, Florida Administrative Code (F.A.C.), duri					ОиС
NO, complete the following:			g. Mo	E M	
Term or condition of the general permit that has no	t been in continuous	complianc	ce during the i	eporting period	stated above:
act period of non-compliance: from		t	ა ი	ring	
tion(s) taken to achieve compliance:					
thod used to demonstrate compliance:	· · · · · · · · · · · · · · · · · · ·	·	<del></del>		· ·
Term or condition of the general permit that has no	t been in continuous	complianc	e during the r	eporting period	stated above:
ect period of non-compliance: from		to			
ion(s) taken to achieve compliance:					
thod used to demonstrate compliance:	<u> </u>				
		· · ·	<del> </del>		<del>-</del>
	e. Further, my annu	al consum	ption of perch	aloroethylene so	lvent, based
SPONSIBLE OFFICIAL: Name (Please I	rint)	(	Signature	ASON/IM	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.

# TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF INS	PECTION: ANI	NUAL 4-COM	PLAIN I/DISC	OVERY 🗀 I	Œ-INSPECTION 🖵			
AIRS ID#: _1	1030347 001	DATE:	/49 TIM	E IN: 12:20	TIME OUT: 12:45			
FACILITY N	NAME:	Crown Cleaner	'S	·				
FACILITY I	FACILITY LOCATION: 33821 U.S. Highway 19 N							
		Palm Harbor, FL,	34684					
RESPONSIB	RESPONSIBLE OFFICIAL: Wayne Forman Phone No.: 789-2271							
Permit l	No. 1030347-001-A	Exp. Date:	10/03/2001					
	Based of the results of compliance with DEP				on, the facility is found to be in			
	Based on the results of discrepancies were no	• •		during this inspecti	on, the following compliance			

### **Inspection Summary Report Guidance**

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

Compliance Requirement/Problem	Follow-up Action Required					
Did not conduct weekly leak detection and repair inspection.	Develop and implement a leak detection inspection and repair program. Use at least one of the methods outlined in Part II, Section 7(a), of the general permit provisions, to detect leaks. Inspect the items listed in Part II, Section 7(b), for leaks. Repair leaks within 24 hours of detection, unless repair equipment must be ordered.					
No calibration records for the mechanical direct reading instrumentation (halogen detector) were available.	Mechanical direct-reading instrumentation shall be operated as directed by the manufacturer and must meet the conditions in Part II, Section 7(e) of the general permit provisions.					
Did not measure and record the outlet temperature of the refrigerated condenser on the dry-to-dry machine (dryer, reclaimer) on a weekly basis.	Develop and implement a monitoring program. Measure and record the outlet temperature on a weekly basis. The temperature, measured at the end of the drying cycle, must not exceed 45°F.					
Airflow is directed towards the refrigerated condenser upon the door being opened and no diverter valve is in place.	Equip the condenser with a diverter valve to prevent air flow to the refrigerated condenser when the door is opened.					
The outlet exhaust temperature of the refrigerated condenser exceeds 45°F and was not repaired within 24 hours.	Repair or adjust condenser within 24 hours of measurement indicating that the outlet exhaust temperature of the refrigerated condenser exceeds 45°F. The repair shall be documented in the monitoring record log.					
Machine doors are not closed and secure during times other than loading and unloading.	Keep doors closed and secured at all times except during loading and unloading.					
Temperature monitoring was not conducted after an appropriate cooldown period and after verifying that the coolant was completely charged.	Conduct all temperature monitoring following an appropriate cooldown period and after verifying that the coolant has been completely charged.					
Containers for perchloroethylene and/or perchloroethylen- containing waste were found to be leaking.	Examine the containers, used for storing perchloroethylene and/or perchloroethylene-containing waste, for leakage.					
Comments:						
· · · · · · · · · · · · · · · · · · ·						
If the Inspection Summary Report indicates follow-up actions are required, you must take immediate corrective measures to achieve compliance. Pinellas County will perform a follow-up inspection to determine that proper corrective actions have been taken.						
Inspection Conducted by: Margaret Henni	is					
Inspector's Signature: Mayart U. 1	Huris					
Phone Number: 464-4422						

### PERCHLOR©ETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION:	RE-INSPECTION	COMPLA	INT/DISCOVERY 🖵	
AIRS ID#: 1030347 001	DATE:	79 TIME I	N: <u>/2.20</u> TIME OUT:	12:45
FACILITY NAME:	Crown Cleane	ers		
FACILITY LOCATION:	33821 U.S. High	way 19 N		
	Palm Harbor, FL,	, 34684		
RESPONSIBLE OFFICIA	L: Wayne Forman		PHONE: _789-22	<del>.7</del> 1
CONTACT:	<i>h</i>		PHONE:	
PART I: NOTIFICATION	1			
(Check appropriate box)			,	
1. Existing facility notified	DARM By 9/1/96			
2. New facility notified DA	.RM 30 days prior to star	rtup		
3. Facility failed to notify I	OARM to use general per	rmit	÷	
PART II: CLASSIFICAT				
Facility indicated on notific (Check appropriate box)	ation form that it is:	_	fication form ore / out of business / petrole	um
A.  1. Existing small area dry-to-dry only, x<14 transfer only, x<200 both types, x<140 ga (Constructed before	source 40 gal/yr gal/yr l/yr 12/9/91)	2. New sn dry-to-c transfer both typ (Constr	nall area source dry only, x<140 gal/yr only, x<200 gal/yr oes, x<140 gal/yr ucted on or after 12/9/91)	<b>.</b>
3. Existing large area dry-to-dry only, 140- transfer only, 200 <xx- both types, 140<x<1 (Constructed before</x<1 </xx- 	source	4. New landry-to-construction dry-to-construction dry-to-construct	rge area source lry only, 140 <x<2,100 gal="" yr<br="">only, 200<x<1,800 gal="" yr<br="">oes, 140<x<1,800 gal="" yr<br="">ucted on or after 12/9/91)</x<1,800></x<1,800></x<2,100>	<b>3</b>
This is a correct facility class	ssification: 🖽 🗖	IN 🗖 Can not de	termine	
facility qualified	appropriate classification for a general permit as nabove limits and is not el	umber		
B. The total quantity of perfacility was 90.3		urchased within the	preceding 12 months by this	s dry cleaning
PART III: GENERAL C	ONTROL REQUIRE	MENTS		

	the responsible official of the dry cleaning facility: neck appropriate boxes)							
1.	Storing perchloroethylene in tightly sealed and impervious containers?	☐ Y	ΠN	□NA				
2.	Examining the containers for leakage?	<b>≌</b> Y	ΠN	□NA				
3.	Closing and securing machine doors except during loading/unloading?	<b>□</b> ′Y	ΠN					
4.	Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	¥Ý	ΠN	□ NA				
5.	Maintaining solvent-to- carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	□ Y	ŪN .	□NA				
PA	ART IV: PROCESS VENT CONTROLS		-					
In	Part II-A:		/					
	If classification (1) has been checked, no controls are required. Proceed to Part V.							
	If classification (2) has been checked, the machine should be equipped with a refrigerated condenser (complete A below)							
	If classification (3) has been checked, the machine should be equipped with either a refrigerated condenser or a carbon adsorber (complete A and B below). Carbon adsorber must have been installed prior to September 22, 1993.							
	If classification (4) has been checked, the machine should be equipped with a refrigerated condenser (complete A and B below.)							
A.	Has the responsible official of all new sources and existing large area sou (check appropriate boxes)	rces:						
1.	Equipped all machines with the appropriate vent controls?	ΩY	ΠN					
2.	Equipped dry-to-dry machines with a closed-loop vapor venting system?	Y	ΠN	□ NA				
3.	Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	ΩY	ΠN	□NA				
4.	Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis?	ΩY	ΠN					
5.	Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	Y	□N	□NA				
6.	Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged?	. <b>Q</b> Y	□ N					
1				and the second s				

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?	ÚY;	ΠN	
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	ŊN □N	□na □na
3.	Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is venting to the adsorber, if machines are equipped with a carbon adsorber?  Is the perc concentration equal to or less than 100 ppm?	□y □y		□na □na
4.	Assured that the sampling port on the carbon adsorber exhaust for measuring perc. concentrations is at least 8 duct diameters downstream of any bend, contraction, or expansion; is at least 2 dust diameters upstream from any bend contraction, or expansion; and downstream from no other inlet?	ΩY	ПМ	□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?	ΩΥ	ΠN	□NA
PART V: RECORDKEEPING REQUIREMENTS				
Has the responsible official: (check appropriate boxes)				
1.	Maintained receipts for perc purchased?	<b>Y</b> Y	ΠN	
2.	Maintained rolling monthly averages of perc consumption?	Ωχ		
3.	Maintained leak detection inspection and repair reports for the following:	₩.T	<b>—</b> 111	
	a. documentation of leaks repaired w/in 24 hrs? or;	PY	$\square_{N}$	□NA
	<ul> <li>b. documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?</li> </ul>	DY	$\square_N$	□NA
4.	Maintained calibration data? (for direct reading instrument only)	$\square_{Y}$	$\square_{N}$	DNA
	Maintained exhaust duct monitoring data on perc concentrations?	$\square_{Y}$	$\square_N$	□NA
6.	Maintained startup/shutdown/malfunction plan?	Ūγ	$\square_N$	
	Maintained deviation reports? No devrahors	DY	ΠN	WHA!
	Problem corrected?	□Y.		□na
8.	Maintained compliance plan, if applicable?	ΩY		

PA	ART VI: LEAK DETECTIO	N AN	D REI	PAIRS	٠		
1.	Does the responsible official cinspection?	onduct	a wee	ekly (for sm	all sources, bi-weekly) leak	detect	
2.	Has the facility maintained a l	eak log	<b>;</b> ?			ΘÝ	$\Box$ N
3.	Does the responsible official c	heck tł	ne foll	owing areas	for leaks:		
	Hose connections, fitting couplings, and valves	ØÝ	N	□NA	Muck cookers	Ωy	ON WNA
	Door gaskets and seating	ŪΎ	$\square_N$	□NA	Stills	ØY	□n □na
	Filter gaskets and seating	QÝ	ΩN	□NA	Exhaust dampers	Ωγ	ON OMA
	Pumps	QÝ	$\square$ N	□NA	Diverter valves	ΘÝ	□n □na
	Solvent tanks and containers	QÝ	$\square_{N}$	□NA	Cartridge Filter housing	⊠Y	ON ONA
	Water separators	ŪΎ	ΠN	□na			
4.	Which method of detection is Visual examination Physical detection Odor (noticeable p Use of direct-readi Halogen leak detect If using direct-reading instru	n (cond (airflowere odd ere odd ng inst	lensed w felt tor) rumen	solvent of e through gas tation (FID	exterior surfaces) kets) /PID/calorimetric tubes)		
	a Capable of detecting pe	rc vap	or con	centrations	in a range of 0-500 ppm.		□y □N
	b. Calibrated against a stan	dard ga	as prio	r to and afte	r each use(PID/FID only).		□y □n
	c. Inspected for leaks and o	bvious	signs	of wear on a	a weekly basis?		□y □n
	d. Kept in a clean and seco	ire are:	a wher	not in use.			□Y· □N
	e. Verified for accuracy by	use of	duplic	ate samples	(calorimetric only)?		OY ON
_	Margaret Aknni's Inspector's Name (Please Prin	1t)			11/9/99 Date of Ins	pection	1
- -	Mayaref O. ffor Inspector's Signature	<u> </u>			///2000 Approximate Date	of Nex	st Inspection

ADDITIONAL SITE INFORMATION:	
	•
	•
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<del></del>	
	-
•	

# AIR ID \* 1030347 Rec/d 2/15/6/ AS(D)

# DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

ALUCE ALUCE AND ADDRESS OF THE ALUCE AND ADDRE		MII LIANCE C				
FACILITY NAME:	Crown Cle	aners		DATE:	Jan	uary 10, 200 /
<b>FACILITY LOCATION:</b>	33821 U.S	. Highway 19 N				
-	Palm Harb	or, FL, 34684			,	.1/
						10 MA
Annual Reporting Period:	bvembe	<u>19</u>	1999	To Jan	uary	20 01
Based on each term or condition compliance with DEP Rule 62-21 covered by this statement.		-	=	-		☐ YES   TYPE  TYP
IF NO, complete the following: #1. Term or condition of the gen above: Inacception	eral permit tl LE LO LO	nat has not been i	n continuous	s compliance	during the	reporting period stated
Exact period of non-compliance:	from (	Oct 1, 20	000	to .	Dec	31,2000
Action(s) taken to achieve compl		verbal.			_	
Method used to demonstrate com	pliance:	Westorne	hecks on	tes he u i timely	ill per	orm creand keeps
#2. Term or condition of the gen above:	1	•		~ 0		
Exact period of non-compliance:	from			to		
Action(s) taken to achieve compl	iance:					
Method used to demonstrate com	pliance:					·
As the responsible official, I here						
statements made in this notification solvent, based upon rolling avera						
1,800 gallons per year for transfe			not exceed 2	2,100 ganon	s per year 10	ary-to-ary facilities of
RESPONSIBLE OFFICIAL:	Wayne Fo		W	Wester	n that	m 1/10/01
	(Name	, Please Print)		Signature	PM	Date

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

# TITLE V AIR QUALITY AIR GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF INSPECTION:	ANNUAL COMPLAINT/DISCOVERY RE-INSPECTION
AIRS ID 103 0347	DATE: 10/3701 TIME IN: 9.20 TIME OUT: 10:40
FACILITY NAME:	Crown Cleaners
FACILITY LOCATION:	33821 U.S. Highway 19 N, Palm Harbor, 34684
RESPONSIBLE OFFICIAL:	Wayne Forman PHONE NUMBER: 789-2271
Permit No.	1030347-001-AG Exp. Date: 10/3/01

Based on 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:

	· · · · · · · · · · · · · · · · · · ·	•
	Compliance Requirement/Problem	Follow-up Action Required
	Did not have a start-up, shutdown, malfunction (SSM) plan in place, along with associated record keeping, on site.	If no specific procedures are available from the manufacturer, develop a SSM plan that describes procedures for maintaining and operating equipment during periods of start-up and shutdown associated with a malfunction. EPA's O&M manual may be used if no manufacturers information is available. Keep log of maintenance actions
	Purchase receipts were not maintained properly.	Maintain all purchase receipts in a log kept on-site for determination of perchloroethylene solvent consumption.
	Monthly purchase records were not maintained as a consecutive twelve-month total.	Develop and implement a record keeping 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 perchloroethylene, and perchloroethylene containing waste in tightly sealed containers.	Store all perchloroethylene and perchloroethylene-containing waste in tightly sealed containers, which are impervious and chemically un-reactive to the solvent.
Z	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.

	Compliance Requirement/Problem	Follow-up Action Required					
	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 cool down period and after verifying that the coolant was completely charged.	Conduct all temperature monitoring following an appropriate cool down period and after verifying that the coolant has been completely charged.					
	Containers for perchloroethylene and/or perchloroethylene containing waste were found to be leaking.	Examine the containers, used for storing perchloroethylene and/or perchloroethylene containing waste, for leakage.					
ū							
Co	mments:						
1 es	urbal warning regarded heal hi-weekly record	ug not recording leak + for Oct Nov lec 2000 Owner					
XI	tated Checks are performed of	aciloty has been bury Mr Fremon					
1/2		i records hi-weekly Ceolditronally					
In 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	e Annual Compliance Certification form has been prope	erly certified and submitted to the inspector. Yest 🗘 No 🗆					
Ι	DATE OF NEXT INSPECTION Januar	(Approximate)					
. I	NSPECTION CONDUCTED BY: MICHELE	LONG					
	INSPECTOR'S SIGNATURE: Mishele Long PHONE NUMBER: 464-4422						



# PERCHLOROETHYLENE DRY CLEANERS TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION:	ANNUAL № RE-INSPECTION □	COMPLAIN	IT/DISCOVERY 🚨	
AIRS ID#: 103 0347	DATE: 1/8/2001	TIME IN: 9	TIME OU	T: 10.48
FACILITY NAME: FACILITY LOCATION:	Crown Cleaners 33821 U.S. Highway 19 N Palm Harbor, FL, 34684		· · · · · · · · · · · · · · · · · · ·	
RESPONSIBLE OFFICIAL:	Wayne Forman		Phone No.: 789-2271	
PERMIT NO. 1030347-001	-AG	EXP. DATE:		
CONTACT: Wayne Form		PHONE:	789-2271	
PART I: NOTIFICATION	<u> </u>			
(Check appropriate box)				
1. Existing facility notified	•			
<ul><li>2. New facility notified DA</li><li>3. Facility failed to notify I</li></ul>		_		
3. Pacifity failed to flotting i	ARM to use general peril			
PART II: CLASSIFICAT	ION		· ·	·
Facility indicated on notific (Check appropriate box)	ation form that it is:	F==%	notification form op store / out of business	s / petroleum
A.  1. Existing small area s dry-to-dry only, x □ 140 transfer only, x □ 200 ga both types, x □ 140 gal/y (Constructed before 12/s	gal/yr l/yr r	dry-to-dry transfer on both types	nall area source only, x□140 gal/yr nly, x□200 gal/yr n, x□140 gal/yr ned on or after 12/9/91)	
3. Existing large area so dry-to-dry only, 140 □ x 10 transfer only, 200 □ x □ 1 both types, 140 □ x □ 1,80 (Constructed before 12/2)	□2,100 gal/yr ,800 gal/yr 00 gal/yr 9/91)	dry-to-dry transfer on both types (Construct	ege area source only, $140 \square x \square 2,100$ galaly, $200 \square x \square 1,800$ gal/yr, $140 \square x \square 1,800$ gal/yr eed on or after $12/9/91$ )	r
This is a correct facility	classification	<b>Z</b> Y 🔾	N 🗖 Can not determin	ne
	for a general permit as numbove limits and is not eligophloroethylene purchased with the control of the control	ible for a general	-	y cleaning

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

PART III: GENERAL CONTROL REQUIREMENTS

period and after verifying the coolant had been completely charged?

	<u> </u>			
B.	Has the responsible official of an existing large or new large area source also:		_	
1.	Measured and recorded the exhaust temperature on the outlet side of the condenser located on dry-to-dry, reclaimer, and dryer machines on a weekly basis?	ΟY	□N	
2.	Measured and recorded the washer exhaust temperature at the condenser inlet and outlet	ΩY	ΠN	□NA
	weekly?  Is the temperature differential equal to or greater than 20° F?	ПY	ŪΝ	□NA
3.	Measured and recorded the perc concentration in the exhaust weekly at the end of the final drying cycle while the machine is venting the adsorber?  Is the perc concentration equal to o ppm	OY OY	ON On	ONA ONA
4.	Assured that the sampling port on the carbo. sorber exhaust for measuring perc. concentrations is at least 8 duct diameters downer am 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?	ΟY	□N	□NA
5.	Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	ΘY	□N	□NA
6.	Routed airflow to the carbon adsorber (if used) at all times?	ΩY	ΠN	□NA
PA	ART V: RECORDKEEPING REQUIREMENTS			- Sals
	as the responsible official: heck appropriate boxes)			
1.	Maintained receipts for perc purchased?	MY		
2.	Maintained rolling monthly averages of perc consumption?		ΩN	
3.	Maintained leak detection inspection and repair reports for the following:			
	a. Documentation of leaks repaired w/in 24 hrs? or;	QY	ΩN	<b>⊠</b> NA
	b. Documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt?	ΟY	□N	DNA
4.	Maintained calibration data? (for direct reading instrument only)	QΥ	ŪΝ	<b>□N</b> A
5.	Maintained exhaust duct monitoring data on perc concentrations?	ΩY	ΩN	₽NA
6.	Maintained startup/shutdown/malfunction plan?	<b>Y</b> Y	ΩN	
7.	Maintained deviation reports?	ΩY	ΩN	<b>BN</b> A
	Problem corrected?	ΩY	ΩN	DNA
8.	Maintained compliance plan, if applicable?	ΩY	DN.	₽MA

# PART VI: LEAK DETECTION AND REPAIRS

							_
1.	Does the responsible official condu	ict a w	eekly le	eak detection and repair inspection?	ZY	ΠN	
2.	Which method of detection does the	ne respo	onsible	official use?	W - UY	<b>⊒N</b>	
	Visual examination (conde	nsed so	lvent o	f exterior surfaces)			
	Physical detection (airflow	felt thr	ough g	askets)	প্র		
	Odor (noticeable perc odor	) (	lead	e defector indicator)			
	Use of direct-reading instru	imentat	ion (FI	D/PID/calorimetric tubes)			
	If using direct-reading instrume	ntation	, is the	equipment:	□Y	ΠN	
	a. Capable of detecting per	c vapor	concer	ntrations in a range of 0-500 ppm	$\Box Y$	ΠN	
	b. Calibrated against a stan	dard ga	s prior	to and after each use (PID/FID only).	ΩY	□N	
	c. Inspected for leaks and o	bvious	signs c	of wear on a weekly basis?	ŪΥ	ΠN	· .
	d. Kept in a clean and secur	re area	when n	ot in use.	ŪΥ	ŪΝ	
	e. Verified for accuracy by	use of	duplica	te samples (calorimetric only)?	QY	$\square$ N	
3.	Has the facility maintained a leak l	og?			⊕Y	$\square N$	
4.	The following area should be chec	ked for	leaks t	by the inspector:	<del>'DY</del> -	-DNW	1
	Hose connections, fitting		$\Box$ N	Muck cookers	$\Box$ Y	UN.	WA
	couplings, and valves						
	Door gaskets and seating	<b>⊡</b> Y_	$\Box$ N	<u>Still</u> s	₽Y	ΠN	
	Filter gaskets and seating	ŌŧĄ	$\Box$ N	Exhaust dampers	ΩY	$\Box$ N $\nearrow$	1/10
	Pumps	<b>⊡</b> Ý	$\Box$ N	Diverter valves	$\Box Y$		117
	Solvent tanks and containers	₽Ý	$\Box$ N	Cartridge Filter housing	g WY	ΩN	
	Water separators	QY.	ПN			,	

Name of Responsible Official

Michele Long Inspector's Name (Please Print)

Inspector's Signature

Date of Inspection

01-10-2002

Approximate Date of Next Inspection

# ADDITIONAL SITE INFORMATION:

Machine #1: apr Economatic (	1987) B545		
Manufacturer Maguk Atir	Capacity 45	lbs	
Model#	Serial#	Mfg yr	
Machine #2:		-	
Manufacturer	Capacity	lbs	
Model#	Serial#	Mfg yr	
Notification (unpermitted sources only):  1. Was the facility assisted in filling out the notification  2. Did the facility is in the facility of the facility in the facility is in the facility in the facility in the facility is in the facility in the facility in the facility in the facility is in the facility in the	•	ΟY	
2. Did the facility insist on filling out its own notification	on, and will send it to FDEP?	ΩY	ΩN
Record keeping:  1. Does facility have statement/specs as to the design ac  (Temperature of 45°F w/accuracy ±2°F, or 7.2  Hazardous Waste:		ΩY	□N
1. Is all perc. contaminated wastewater either treated or	disposed of properly?	$\Box$ Y	ΠN
2. If wastewater is evaporated, is it an approved system		ΩY	□N
3. Does the facility have secondary containment for the	_	$\Box$ Y	$\square$ N
4. Does the facility have secondary containment for any	perc. waste containers?	$\Box Y$	$\square$ N
Boiler: Jaleon			
Manufacturer reductival Boils		Hp 🕹	$\overline{C}$
Model # FICIS3PV. Ser	ial#/1/F/0195	Mfg yr	1988
Fuel Type: Natural gas?  Propa	ne? Fuel oil?		
Comments:			
·			
:			

ADDITIONAL SITE INFORMATION:

# **ENFORCEMENT SUMMARY**

INSPECTION DATE: January 8, 200/

ARMS# 1030347

Viol#	Violation Description	Frequency	From	То
<u> </u>		rrequency	PAOIII	10
per00	Failure to notify and obtain a permit		3 3	
per01	No purchase records	Monthly		
per02	No perc. purchase rolling totals	Monthly		
per03	No leak log	Weekly/Bi-weekly)	Oct 2000	Dec 200
per04	No temp. log	Weekly		
per05	No SSM plan			
per06	Temp. sensor accuracy verification			
per07	No leak checks	Weekly / Bi-weekly		
per08	No temp. checks	Weekly		
per09	Perceptible leaks			·
per10	No carbon absorber			
per11	No carbon absorber test	Weekly		
per12	No leak tight containers			
per13	No separator pre-filter		(	
per14	Leaks not repaired within 24hrs.			
per15	Repair refrig. cond./carbon abs. within 2 days			

Viol#	Comments
B103	Intermittant records on leak sheek log Verbal
U	learning that plimet requires be weekly records
. •	that are Consistant. Mr. Forman States he was
(	Ensure Consistant. Mr. Forman states he well ensure completion of leak check log regular
	basis

	U.S. Postal Service CERTIFIED MAIL RE (Domestic Mail Only; No.	CEIPT o Insurance Coverage Provideo)	,
F-8			
11:		2	
9372	Postage \$ Certified Fee		
0020	Return Receipt Fee (Endorsement Required)  Restricted Delivery Fee (Endorsement Required)	Postmark · Here	
ם סססר	10 AIRS ID # WAYNE A FORMAN CROWN CLEANERS 33821 US HWY 19 N PALM HARBOR FL 34684	1030347001AG by maller)	
SENDER: COMPL	LETE THIS SECTION	COMPLETE THIS SECTION ON DEL	IVERY
item 4 if Restrict Print your name so that we can re		A. Received by (Please Print Clearly)  C. Signature  X. Quelun 2007 C.  D. Is delivery address different from ite If YES, enter delivery address below	
CROWN CLEANERS	2	2. Carden Tura	
33821 US HWY 19 N PALM HARBOR FL	34684	3. Service Type ☐ Certified Mail ☐ Express Ma ☐ Registered ☐ Return Rec ☐ Insured Mail ☐ C.O.D.	ail eipt for Merchandise
		4. Restricted Delivery? (Extra Fee)	☐ Yes
2. Article Number (Co	ppy from service label)	9372 966	į
PS Form 3811, Ju	ly 1999 Domesti	ic Return Receipt	102595-00-M-0952



402012

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

# **TOTAL AMOUNT DUE: \$50.00**

Do NOT Remove Label

CROWN CLEANERS WAYNE A FORMAN 33821 US HWY 19 N PALM HARBOR FL 34684

AIRS ID # 1030347

FOR GOVERNMENT USE ONICO Org.: 37550101000 EO:Q01 Fund: 20-2-035001 Obj.: 002273

**CROWN CLEANERS** 

Department Of Environmental Protection

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12/29/2000

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Fund: 20-2-035001

Obj.: 002273

CROWN CLEANERS

Department Of Environmental Protection

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AIRS ID# 1030347

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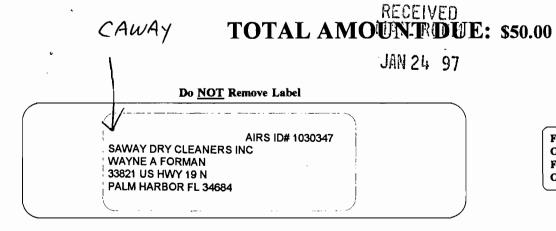
Department Of Environmental Protection 1/19/97 50.00

THIS PORTION MUST BE ATTACHED TO REMITTANCE FOR PROPER HANDLING

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50.00

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Fund: 20-2-035001 Obj.: 002273

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CLOTHES DOCTOR PENNY PARKER 5300 EPPING LANE ZEPHYRHILLS FL 33541

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

Fund: 20-2-0350 Obj.: 002273 MAIL ROOM

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Fund: 20-2-035001 Obj.: 002273

**CROWN CLEANERS** 

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Is your RETURN	5. Received By: (Print Name)  6. Signature: (Addressee of Agent)  X  PS Form 3811, December 1994	8. Addressee and fee is	e's Address (Only i	,



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Fund: 20-2-035001 Obj.: 002273

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N ADDRESS completed or	AIRS ID 1030347 CAWAY DRY CLEANERS INC WAYNE A FORMAN 33821 US HWY 19 N PALM®HARBOR FL 34684	4a. Article N 4b. Service  Registere Express Return Red 7. Date of Do	Type  ed  Mail  ceipt for Merchandise	Certified Sectoral Discrete
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