

Department of Environmental Protection

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

Virginia B. Wetherell Secretary

November 15, 1996

Mr. Glynn R. Markham Markham's Maytag Laundry US 441 & SR 235 Alachua, Florida 32616

Re: Facility I.D. No. 0019600

Dear Mr. Markham:

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

Please note that in 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. Rick Banks, Northeast District

"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):	
GLYNN R. MARKHAM	
2. Site Name (For example, plant name or number):	
MARKHAM'S MAYTAG LAUNDRY	
3. Hazardous Waste Generator Identification Number:	
•	
4. Facility Location: US 441 + SR 235 P.O. BOX 217 Street Address:	
City: ALACHUA County: ALACHUA Zip Code: 32616	
5. Facility Identification Number (DEP Use). 2019096 W	B
Responsible Official	
6. Name and Title of Responsible Official:	
GLYNN R. MARKHAM, OWNER	
7. Responsible Official Mailing Address: Organization/Firm: MATZKHAM'S MAYTAG LAUNDRY Street Address: VS 441 > SR 235 City: ALACHUA Zip Code: 326	
City: ALACHUA Zip Code: 3261	16
8. Responsible Official Telephone Number:	
Telephone: (904) 462 - 4955 Fax: () -	
Facility Contact (If different from Responsible Official)	
9. Name and Title of Facility Contact (For example, plant manager):	
GLYNN R. MARKHAM, OWNER	
10. Facility Contact Address: — A S A BOVE —	
Street Address:	
City: County: Zip Code:	
11. Facility Contact Telephone Number:	
Telephone: () - Fax: () -	
<u> </u>	

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

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.

Type of Machine	ID	Date Machine Initially Purchased	Date Control Device Installed	ID	Date Machine Initially Purchased	Date Control Device Installed	1D	Date Machine Initially Purchased	Date Control Device Installed
Example	#1	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	8 DEC 91	8 DEC 91		1				
(2) w/ carbon adsorber				-	•	_			
(3) w/ no controls									
Washer Unit	1						:		
(4) w/ ref. condenser									
(5) w/ carbon adsorber									
(6) w/ no controls							1		
Dryer Unit					5			1.00	
(7) w/ ref. condenser							T		
(8) w/ carbon adsorber							+		
(9) w/ no controls									
Reclaimer Unit						** * : .		•	
(10) w/ ref. condenser	<u> </u>			İ		<u> </u>	Τ-	·	
(11) w/carbon adsorber	-	-			-		+		
(12) w/ no controls		-			_		_		
(b) Control devices are (c) No control devices 2.(a) What was the total of the second	are ro	equired to be ity of perchlo ons ow many? [_	installed [_ proethylene (] months	perc)	purchased in				[]
3. What is the facility's so (Indicate with an "X".		classification	based on the	e defi	nitions found	d in section	(3) of	_	

DEP Form No. 62-213.900(2)

Effective: 6-25-96

(Indicate with an "X".)	es pursuant to section (5) of Part II of this notification form?
Existing large area source Carbon adsorber []	Refrigerated condenser []
New small area source Refrigerated condenser []	
New large area source Refrigerated condenser []	
	ns units shall not be eligible to use the general permit pursuant and hot water generating units on-site meet the following ite:
	(1) have a total heat input of 10 million BTU/hr or less (298 v) natural gas except for periods of natural gas curtailment ore than one percent sulfur is fired.
All steam and hot water generating units exempt No such units on-site	
Equipment Monitoring	g and Recordkeeping Information
Check all logs which are required to be kept on-si	te in accordance with the requirements of this general permit:
(a) Purchase receipts and solvent purchases	
(b) Leak detection inspection and repair	(X)
(c) Refrigerated condenser temperature monitoring	g]
(d) Carbon adsorber exhaust perc concentration m	onitoring []
(e) Instrument calibration	
(f) Start-up, shutdown, malfunction plan	. [***]

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

Surrender of Existing Air Permit(s)

Please 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)							
(X)	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 proi	mptly notify the Department of any changes to the information contained in this notification.						
Slyn Signature	nMarkham 12-4-96 Date						

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

0010096

P. 14

1.(9) add date (ontrol device installed

1. (c) Should not be marked

3. new large area source Should be marked

P.15

4. new large r.c. Should be marked

(f) should be marked

Perchloroethylene Dry Cleaning Facility Notification

Facility Name and Location

1.	Facility Owner/Company Name (Name of corporation, agency, or individual owner):
	GLYNN R. MARKHAM
2.	
	MARKHAM'S MAYTAG LAUNDRY
3.	Hazardous Waste Generator Identification Number:
4.	Facility Location: US4414SR235 P.D. BOX 217 Street Address:
İ	City: ALACHUA, FL. County: ALACHUA, FL. zip Code: 32616
5.	Facility Identification Number (DEP Use):
	11. FAC 1D 9501898
	Responsible Official
6.	Name and Title of Responsible Official:
	GLYNN R. MARKHAM, OWNER
7.	Responsible Official Mailing Address: Organization/Firm: MARKHAMS MAYTAG LAUNDRY Street Address: US441 + SR 235 P. D. BOX
	City: ALACHUA, FL County: ALACHUA Zip Code: 32616
8.	Responsible Official Telephone Number:
	Telephone: (904) 462-4955 Fax: () -
	Facility Contact (If different from Responsible Official)
i	Name and Title of Facility Contact (For example, plant manager):
	GLYNN R. MARKHAM, OWNER
10.	Facility Contact Address: — AS ABOVE —
	Street Address:
	City: County: Zip Code:
11.	Facility Contact Telephone Number: Telephone: () — AS ABOVE — Fax: () -

RECEIVED

SEP 3 1996

DEP Form No. 62-213.900(2) Effective: 6-25-96 Page 13 of 16

Bureau of Air Monitoring & Mobile Sources

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.

Type of Machine	ID	Machine Initially Purchased	Date Control Device Installed	ID	Machine Initially Purchased	Control Device Installed	ID	Machine Initially Purchased	Control Device Installed
Example	#1		12-NOV-93		08-DEC-91	mstaried	#3		02-MAR-92
Dry-to-Dry Unit					en en en				
(1) w/ ref. condenser		USED 1993	*		1]	1	
(2) w/ carbon adsorber			-7						
(3) w/ no controls	,								
Washer Unit		1 .							
(4) w/ ref. condenser								1	
(5) w/ carbon adsorber		_							
(6) w/ no controls									
Dryer Unit	1 1				Transfer Fag				
(7) w/ ref. condenser									
(8) w/ carbon adsorber									
(9) w/ no controls		-							1
Reclaimer Unit			'			•			
(10) w/ ref. condenser						<u> </u>		1	
(11) w/carbon adsorber									†
(12) w/ no controls				 		_			
(b) Control devices are	requ	ired, but not	yet installed		odol (]]	LC 4F,81	MR		
2.(a) What was the total c			roethylene (perc)	purchased in	n the latest 1	2 mor	iths?	
(b) If less than 12 mont Check why it is less					_] New store	: [] Did	not k	eep records:	
3. What is the facility's so (Indicate with an "X".					nitions found	d in section (3) of	Part II?	
Existing small ar	ea so	urce X	Ne	ew sm	nall area sour	rce []		
Existing large are	ea soi	urce []	Ne	ew lai	rge area sour	ce [J		

DEP Form No. 62-213.900(2)

Effective: 6-25-96

 What control technology is required on machines p (Indicate with an "X".) 	oursuant to section (5) of Part II of this notification form?
Existing large area source Carbon adsorber []	Refrigerated condenser [X]
New small area source Refrigerated condenser []	
New large area source Refrigerated condenser []	· ·
·	nits shall not be eligible to use the general permit pursuant hot water generating units on-site meet the following
	nave a total heat input of 10 million BTU/hr or less (298 stural gas except for periods of natural gas curtailment than one percent sulfur is fired.
All steam and hot water generating units exempt No such units on-site	
Equipment Monitoring a	nd Recordkeeping Information
Check all logs which are required to be kept on-site in	n accordance 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 moni	toring []
(e) Instrument calibration	
(f) Start-up, shutdown, malfunction plan	
•	

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

Surrender of Existing Air Permit(s)

Please indicat	te with an "X" the appropriate selection:
	I hereby surrender all existing air permits authorizing operation of the facility indicated in this notification form; specifically, permit number(s)
ιX	No air permits currently exist for the operation of the facility indicated in this notification form.
	Responsible Official Certification
this notifi statement maintain	dersigned, am the responsible official, as defined in Part II of this form, of the facility addressed in facilion. 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	mptly notify the Department of any changes to the information contained in this notification.
Signature	Marsham 8-28-96



PERCHLOROETHYLENE DRY CLEANERS

TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION: ANNUAL RE-INSPEC	CTION COMPLAINT/DISCOVERY
OO/ OO96 (A) AIRS ID#: <u>-OO 1 9600</u> DATE: 12/	/4/96 TIME IN: 10:00 TIME OUT: 10:50
FACILITY NAME: MARKHAM !	5 MAYTAG LAUNDRY
FACILITY LOCATION: US 44	1 = SR 235
ALA	CHUA, FL 32616
PART I: NOTIFICATION	
(check appropriate box)	
1. Existing facility notified DARM by 9/1/96	t
2. New facility notified DARM 30 days prior to	o startup
3. Facility failed to notify DARM to use general	•
PART II: CLASSIFICATION	
Facility indicated on notification form that is (check appropriate box)	is:
A. 1. Existing small area source dry-to-dry only, x<140 gal/yr transfer only, x<200 gal/yr both types, x<140 gal/yr (constructed before 12/9/91)	2. New small area source dry-to-dry only, x<140 gal/yr transfer only, x<200 gal/yr both types, x<140 gal/yr (constructed on or after 12/9/91)
3. Existing large area source dry-to-dry only, 140 <x<2, (constructed="" 100="" 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, (constructed="" 100="" 12="" 140<x<1,800="" 200<x<1,800="" 9="" 91)<="" after="" both="" gal="" on="" only,="" or="" td="" transfer="" types,="" yr=""></x<2,></td></x<2,>	4. New large area source dry-to-dry only, 140 <x<2, (constructed="" 100="" 12="" 140<x<1,800="" 200<x<1,800="" 9="" 91)<="" after="" both="" gal="" on="" only,="" or="" td="" transfer="" types,="" yr=""></x<2,>
This is a correct facility classification	OY ON
If no, please check the appropriate classification	on:
facility qualified for a general facility exceeds above limits a	l permit as number above and is not eligible for a general permit
B. The total quantity of perchloroethylene (per facility was 95 gallons.	rc) purchased within the preceding 12 months by this dry cleaning

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

PART III: GENERAL CONTROL REQUIREMENTS

Is the responsible official of the dry cleaning facility:

B. 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 on dry-to-dry, reclaimer, and dryer machines on a weekly basis?	ОУ ОИ
Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly?	□У □И
Is the temperature differential equal to or greater than 20° F?	NO YO
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 ON ON/A
Is the perc concentration equal to or less than 100 ppm?	OY ON
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?	ОУ ОИ
5. Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	OY ON ON/A
6. Routed airflow to the carbon adsorber (if used) at all times?	OY ON ON/A
DADT V. DECODDEFEDING DECLEDEATENTS	
PART V: RECORDKEEPING REQUIREMENTS	
Has the responsible official:	
	OY ON
Has the responsible official: (check appropriate boxes)	DY ON
Has the responsible official: (check appropriate boxes) 1. Maintained receipts for perc purchased?	WY ON
Has the responsible official: (check appropriate boxes) 1. Maintained receipts for perc purchased? 2. Maintained rolling monthly averages of perc consumption?	DY ON
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:	WY ON
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 lurs? or; b. documentation of parts ordered to repair leak and leak repaired w/in 2 days	DY ON OY ON DY ON DY ON DY ON
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 lurs? 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?	DY ON DY ON DY ON DY ON DY ON DY ON DY ON DY ON DY ON DY ON
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 instruments only)	DY ON DY ON OY ON DN/A OY ON DN/A
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 instruments only) 5. Maintained exhaust duct monitoring data on perc concentrations?	DY ON DY ON DY ON DY ON DY ON DY ON DY ON DY ON
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? **Gor direct reading instruments only**) 5. Maintained exhaust duct monitoring data on perc concentrations? 6. Maintained startup/shutdown/malfunction plan?	DY ON DY ON OY ON DN/A OY ON DN/A
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 instruments only) 5. Maintained exhaust duct monitoring data on perc concentrations? 6. Maintained startup/shutdown/malfunction plan? 7. Maintained deviation reports?	DY ON DY ON DY ON DY ON DY ON DY ON DY ON DY ON
Has the responsible official: (check appropriate boxes) 1. Maintained receipts for pere purchased? 2. Maintained rolling monthly averages of pere 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 instruments only) 5. Maintained exhaust duct monitoring data on pere concentrations? 6. Maintained startup/shutdown/malfunction plan? 7. Maintained deviation reports? Problem corrected? 8. Maintained compliance plan, if applicable?	DY ON DY ON DY ON DY ON DY ON DY ON DY ON DY ON
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 instruments only) 5. Maintained exhaust duct monitoring data on perc concentrations? 6. Maintained startup/shutdown/malfunction plan? 7. Maintained deviation reports? Problem corrected?	DY ON DY ON DY ON DY ON DY ON DY ON DY ON DY ON

2.	Which method of detection is used by	the respon	sible offi	cial?		
	Visual examination (condensed s					
	Physical detection (airflow felt th					
	Odor (noticeable perc odor)	4				
	Use of direct-reading instrument					
	If using direct-reading instrum	entation,	is the eq	uipment:		
	a. Capable of detecting	perc vapo	r concen	trations in a range of 0-500 ppm?	OY O	N
	b. Calibrated against a (PID/FID only)?	to and after each use	OY O	N		
	c. Inspected for leaks as	nd obviou:	s signs ol	wear on a weekly basis?	OY O	N
	d. Kept in a clean and s	secure area	a when n	ot in use?	OY O	N
	e. Verified for accuracy	by use of	duplicate	e samples (calorimetric only)?	OY O	N
3.	Has the facility maintained a leak log?				DEY ON	
4.						
	Hose connections, fittings, couplings, and valves	dy	ΩИ	Muck cookers	dry .	□N ¸
	Door gaskets and seating	r Y	□и	Stills	D Y	ПП
	Filter gaskets and seating	ØΥ	□и	Exhaust dampers	DPY .	ПΝ
	Pumps	D Y	рν	Diverter valves	ON .	ΠN
	Solvent tanks and containers	L Y	ПΝ	Cartridge filter housings	DY	ΠN
	Water separators	₽Y	□И			
	GLYNN R. MARKE Name of Responsible Offici	/AM al		1.11	2.4	,
_	Inspector's Name (Please Pri	nt)		Date of Inspec	<u>6</u>	
	11.0000111	/		= === 01 1115pee		

Approximate Date of Next Inspection

TITLE V AIR QUALITY GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF INSPECTION:	ANNUAL	COMPL	AINT/DISCOVERY		RE-INSPECTI	ON
TIME IN: 10:00	TIME OUT:	0150	AIRS		0019096 919606	PH3
TYPE OF FACILITY:	DRY CLEANER	2				
FACILITY NAME: N	MARKHAMIS I	MAYTA	G LAUNDA	> Y	DATE: 12/4	196
FACILITY LOCATION:	V3 441 = 5	R 23	35	,		-
	ALACHUA, AL	ACHUR	1, FL 3:	26/6		
RESPONSIBLE OFFICIAL:	GLYNN R. N	MARKI	HAM PHONE N	UMBER:_	904-462	-4955
	the compliance requirement Rule 62-213.300, Florida A			on, the facil	ity is found to be i	n
Based on the results of discrepancies were note	the compliance requiremented:	nts evaluate	d during this inspecti	on, the follo	owing compliance	
COMPLIANCE REQ	UIREMENT/PROBL	EM	FOLLOW-U	P ACTIO	N REQUIREI)
COMMENTS:						
The Annual Compliance Certifi	,	-	and submitted to the	inspector.	YES	NO
DATE OF NEXT INSPECTIO	ON: 12/9		oximate)			
INSPECTION CONDUCTED	ву:	A, BA	WKS			
	N. THE	(Pleas	e Print)		0000	17:-
INSPECTOR'S SIGNATURE	: KADarne	12 X	PHONE N	UMBER:	SC 580-4	13/2

Page / of (...

Revised 10/96

0010096 PAB AIRS ID#: 0019600

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

FACILITY NAME: MARKH				
FACILITY LOCATION: US 44	1/ 3 SR 2	35		
ALACHO	IA , ALACHU	A, FL 3.	7616	
Annual Reporting Period:	; 28	19 <u>%</u> TO	DEC 4	19 96
Based on each term or condition of the Title 62-213.300, Florida Administrative Code (F				ith DEP Rule
If NO, complete the following:				·
#1. Term or condition of the general permit	that has not been in con	tinuous compliance d	uring the reporting	g period stated above:
Exact period of non-compliance: from		to		
Action(s) taken to achieve compliance:				
Method used to demonstrate compliance:				
#2. Term or condition of the general permit	that has not been in con	tinuous compliance d	uring the reporting	g period stated above:
Exact period of non-compliance: from		to		
Action(s) taken to achieve compliance:				
Method used to demonstrate compliance:		•		
rection used to demonstrate compitance.				
As the responsible official, I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, my annual consumption of perchloroethylene solvent, based upon rolling averages of purchase receipts, does not exceed 2,100 gallons per year for dry-to dry facilities or 1,800 gallons per year for transfer or combination facilities.				
RESPONSIBLE OFFICIAL: (3LYNN) Nai	ne (Please Print)	_ Mynn D	ignature	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 efficial to use this form.

AIRS ID#:	0010096
-----------	---------

Revised 10/10/96

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

FACILITY NAME: Markhams Maytag Laundry	DATE: 12/17/97
FACILITY LOCATION: <u>U.S. 441 & S.R. 735</u>	
Alachva, FL. 32616	The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon
Annual Reporting Period:	1996 TO Dec 1997
Based on each term or condition of the Title V general air permi 62-213.300, Florida Administrative Code (F.A.C.), during the pe	
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:
	DECELVED
Exact period of non-compliance: from	RECEIVED
Action(s) taken to achieve compliance:	JAN 5.1998
Method used to demonstrate compliance:	Bureau of Air Monitoring & Mobile Sources
#2. Term or condition of the general permit that has not been in	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. Furth upon rolling averages of purchase receipts, does not exceed 2,10 year for transfer or combination facilities. RESPONSIBLE OFFICIAL: Glynn Mackham Name (Please Print)	er, my annual consumption of perchloroethylene solvent, based

Page	of	
I are	UI	

^{*}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 GENERAL PERMIT INSPECTION SUMMARY REPORT

TYPE OF INSPECTION: ANNUAL Z COM	APLAINT/DISCOVERY RE-INSPECTION			
TIME IN: 10:45 TIME OUT: 11:45	AIRS ID#: <u>0010096</u>			
TYPE OF FACILITY: Dry Clegner				
FACILITY NAME: Manklam's Maying Coundry	DATE: <u>/2/17/97</u>			
FACILITY LOCATION: US 441 \$ 5. R. Z35				
Alachua FL. 32616				
RESPONSIBLE OFFICIAL: Glynn Mankham	PHONE NUMBER: 904- 462- 4955			
Based on the results of the compliance requirements evalue compliance with DEP Rule 62-213 300, Florida Administration				
Based on the results of the compliance requirements evaluation discrepancies were noted:	nated during this inspection, the following compliance			
COMPLIANCE REQUIREMENT/PROBLEM	FOLLOW-UP ACTION REQUIRED			
:	· ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '			
				
*				
COMMENTS:				
	· · · · · · · · · · · · · · · · · · ·			
The Annual Compliance Certification form has been properly certified and submitted to the inspector. YES NO				
DATE OF NEXT INSPECTION: 12/98 (Approximate)				
INSPECTION CONDUCTED BY: Christopher & Scott (Reproducted By: Christopher & Scott (Please Print)				
INSPECTOR'S SIGNATURE:	PHONE NUMBER: 904.444.41310 ¥ 255			

Revised 10/96

PERCHLOROETHYLENE DRY CLEANERS

TITLE V GENERAL PERMIT COMPLIANCE INSPECTION CHECKLIST

TYPE OF INSPECTION:	ANNUAL RE-INSPECTION	<u> </u>	COMPLAINT/DISCOV	ERY 🗅
AIRS ID#: <u>00/0096</u> D FACILITY NAME: <u>Mark</u>				
FACILITY LOCATION: 1).5. 441 \$ 5. R. 735				
	Hachen, Fr.	32616		
RESPONSIBLE OFFICIAL :	Glynn Mankh	iam	_ PHONE: <u>904-4</u> 62	- 4955
II .	1		_ PHONE:	
PART I: NOTIFICATION		<u> </u>		
(check appropriate box)				1
New facility notified DARM 3				Æ
2. Facility failed to notify DARM	to use general permi	it		
DADE II. OF ACCIDICATION				
PART II: CLASSIFICATION	C	_	The section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the section of the se	
Facility indicated on notification (check appropriate box)	a form that it is:		☐ No notification form ☐ Drop store/out of bus	iness/petroleum
Facility indicated on notification	e \$\displays 2. di	ransfer only, x oth types, x <	☐ Drop store/out of bus trea source x < 140 gal/yr < 200 gal/yr	-
Facility indicated on notification (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	e	ry-to-dry only, ransfer only, x oth types, x < constructed on New large a ry-to-dry only, ransfer only, 20 oth types, 140	☐ Drop store/out of bus trea source x < 140 gal/yr < 200 gal/yr 140 gal/yr or after 12/9/91)	-
Facility indicated on notification (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 ≤ 2,10 transfer only, 200 ≤ x ≤ 1,800 both types, 140 ≤ x ≤ 1,800 ga	e 2. di tr bo (c) e 4. 00 gal/yr di gal/yr tr ul/yr bo	ry-to-dry only, ransfer only, x oth types, x < constructed on New large a ry-to-dry only, ransfer only, 20 oth types, 140	Drop store/out of bus trea source $x < 140 \text{ gal/yr}$ $< 200 \text{ gal/yr}$ 140 gal/yr or after $12/9/91$) rea source $140 \le x \le 2,100 \text{ gal/yr}$ $00 \le x \le 1,800 \text{ gal/yr}$ $\le x \le 1,800 \text{ gal/yr}$	-
Facility indicated on notification (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 ≤ 2,10 transfer only, 200 ≤ x ≤ 1,800 both types, 140 ≤ x ≤ 1,800 ga (constructed before 12/9/91) 5. This is a correct facility class If no, please check the approximate facility	ditreber 12. ditreber 14. 00 gal/yr dispal/yr treber 15. consistication copropriate classification copropriate classification copropriate sexceeds above limits	ry-to-dry only, ransfer only, x oth types, x < constructed on New large a ry-to-dry only, ransfer only, 20 oth types, 140 constructed on Y N on: al permit as nue and is not eligoneric only is and is not eligoneric only.	Drop store/out of bus trea source $x < 140 \text{ gal/yr}$ $< 200 \text{ gal/yr}$ 140 gal/yr or after $12/9/91$) rea source $140 \le x \le 2,100 \text{ gal/yr}$ $00 \le x \le 1,800 \text{ gal/yr}$ or after $12/9/91$) Can not determine The source above gible for a general permit	

PART III: GENERAL CONTROL REQUIREMENTS				
Is the responsible official of the dry cleaning facility: (check appropriate boxes)				
1. Storing perchloroethylene in tightly scaled and impervious containers?	DY DN DANA			
2. Examining the containers for leakage?	OY ON DAY/A			
3. Closing and securing machine doors except during loading/unloading?	OY ON			
4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal?	OY ON ØN/A			
5. Maintaining solvent-to-carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications?	OY ON MON/A			
·				
PART IV: PROCESS VENT CONTROLS				
In Part II-A:				
If classification 1 has been checked, no controls are required. Proceed to Part V	7.			
If classification 2 has been checked, the machine should be equipped with a refr (complete A below).	igerated 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 refr (complete A and B below).	igerated 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?	ON ON			
2. Equipped dry-to-dry machines with a closed-loop vapor venting system?	DY DN MIN/A			
3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door?	OY ON DAN/A			
4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly/bi-weekly basis?	DA GIN			
5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45°F?	OY ON PAN/A			
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:	
Measured and recorded the exhaust temperature on the outlet side of the condenser locate on dry-to-dry, reclaimer, and dryer machines on a weekly basis?	ed OY ON
Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly?	OY ON ON/A
ls the temperature differential equal to or greater than 20° F?	□Y □N □N/A
3. Measured and recorded the perc concentration in the exhaust stream weekly at the end of the final drying cycle while the machine is venting to the adsorber,	
if machines are equipped with a carbon adsorber?	DY DN DN/A
Is the perc concentration equal to or less than 100 ppm?	□Y □N □N/A
4. Assured that the sampling port on the carbon adsorber exhaust for measuring perc concentrations is at least 8 duct diameters downstream of any bend, contraction, or expansion; is at least 2 duct diameters upstream from any bend, contraction,	
or expansion; and downstream from no other inlet?	OY ON ON/A
5. Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils?	□Y □N □N/A
6. Routed airflow to the carbon adsorber (if used) at all times?	□Y □N □N/A

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: MY ON ON/A 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 MY ON ON/A and parts installed w/in 5 days of receipt? DY DN PAN/A 4. Maintained calibration data? (for applicable direct reading instruments) DY DN DN/A 5. Maintained exhaust duct monitoring data on perc concentrations? MA NA 6. Maintained startup/shutdown/malfunction plan? DY DN DAN/A 7. Maintained deviation reports? DY DN DN/A Problem corrected? dy on **Ø**n/a 8. Maintained compliance plan, if applicable?

PART VI: LEAK DETECTION AND REPAIRS

repair Y ON ON
Y ON
,
Y ON ON/A
Ý ON ON/A
Ý 🗆N 🗆N/A
Y ON ON/A
Y ON ON/A
N/A
Y 🗆 N
Y 🗆 N
Y 🗆 N
Y DN
Y 🗆 N
Y Y Y

Christopher L. Scott	
Inspector's Name (Please Print)	Date of Inspection
Alt left	12/98
Inspector's Signature	Approximate Date of Next Inspection

4 of 5 ·

ADDITIONAL SITE INFORMATIO	N:		
·			₹
·			
,			
			,
		•	. •
	·		
·			
•			
<u>:</u>			
· .	-		
	·-		
	- 		
		•	

DRY CLEANER AIR QUALITY GENERAL PERMIT ANNUAL COMPLIANCE CERTIFICATION FORM

GLYNN R MARKHAM GLYNN R MARKHAM PO BOX 217 ALACHUA FL 32616 AIRS ID#0010096

Bureau of Air Monitoring

Do NOT Remove Label

∵	–	to Ito I Remove Daber		*
Annual Reporting Period:	March 1	19ДР то	Feb. 28	3 19 <u>99</u>
	on of the Title V general air per rative Code (F.A.C.), during the	•		DEP Rule
If NO, complete the following	3			
#1. Term or condition of the	general permit that has not been	in continuous complian	ace during the reporting p	eriod stated above:
Exact period of non-complian	ce: from		to	
Action(s) taken to achieve con	npliance:			
Method used to demonstrate c	ompliance:			
#2. Term or condition of the g	general permit that has not been	in continuous complian	ice during the reporting po	eriod stated above:
Exact period of non-compliance	ce: from	t	0	
Action(s) taken to achieve con	npliance:	·		
Method used to demonstrate c	ompliance:			
		·		•
notification are true, accurate a	eby certify, based on information on nd complete. Further, my annual or year for dry-to dry facilities or 1	consumption of perchloro	oethylene solvent, based upo	on purchase receipts,
RESPONSIBLE OFFICIAL	: GLYNN R. MARK Name (Please Print)	HAM Slynn	R. Markham Signature	2-/8-98 Date

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

March 1, 1999

March 1, 1999

Dept. of Environmental Protection

Twen Towers office 1884

Tallahar Stone Rds

Tallaharse, Fl. 32399

Decer Ser

I have severander over parmit

H AIRS 10 9501898. Sunshine Launday

Jalachua, Fl. acquired our knowness

Garil 13, 1998.

9/30/96 Delego De 100/00/96 Sencerely Synn Mershan Markham's Waytag Launchy P.O Box 217 Clacking, Fl. 32616

° Z.333 613 186

US Postal Service

Receipt for Certified Mail No Insurance Coverage Provided.

AIRS ID 0010096

GLYNN R MARKHAM GLYNN R MARKHAM PO BOX 217 ALACHUA FL 32616

		P
April 1995	Certified Fee	-
	Special Delivery Fee	
	Restricted Delivery Fee	
	Return Receipt Showing to Whom & Date Delivered	
	Return Receipt Showing to Whom, Date, & Addressee's Address	
3800	TOTAL Postage & Fees	\$
Ę.	Postmark or Date	

U.S. Postal Service **CERTIFIED MAIL RECEIPT**

(Domestic Mail Only; No Insurance Coverage Provided)

J. 8 6 4						
	Postage	\$.				
47	Certified Fee		Postmark			
0026	Return Receipt Fee (Endorsement Required)		Here			
	Restricted Delivery Fee (Endorsement Required)					
7000 0600	GLYNN R MARKHAM MARKHAM'S MAYTAG LAUNDRY					
1		14444	See Bayerse for Instructions			

_	OENDED -			
rse 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.			
eve	 Attach this form to the front of the mailpiece, or on the back if permit. 	1. Address	ee's Address 🕏	
ř	■Write "Return Receipt Requested" on the mailpiece below the	article number.	2. Restricte	ed Delivery 👸
ž t	The Return Receipt will show to whom the article was deliver delivered.	ed and the date	Consult postmas	ster for fee 💆
ls your <u>RETURN ADDRESS</u> completed on the reverse side?	3. Article Addressed to: AIRS ID 0010096 GLYNN R MARKHAM GLYNN R MARKHAM PO BOX 217 ALACHUA FL 32616 5. Received By: (Print Name) 6. Signature: (Addressee or Agent)	7. Date-et De	umber 3 6/3/8 Type ad Mail ceipt for Merchandise elivery B's Address (Only)	Certified Insured List
	PS Form 3811, December 1994 EOFD AT DOTTED LINE TO THE RICHT OF RETURN ADDRESS. PLACE STICKER AT TOP OF ENVELOPE	102595-97-B-0179	Domestic Ret	•
	Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.	A. Received by (PIC. LYWN) C. Signature	MARKHAA Markha	B. Date of Delivery 6/9/0/ Agent Addressee
1	Article Addressed to: 0 AIRS ID # 0010096001AG GLYNN R MARKHAM	•	iss different from iten livery address below	_ :
F	MARKHAM'S MAYTAG LAUNDRY PO BOX 217 ALACHUA FL 32616	3. Service Type Certified Mai Registered Insured Mail	•	l ipt for Merchandise
	•	4. Restricted Deliv	ery? (Extra Fee)	☐ Yes
2	Article Number (Copy from service label)			

7000 0600 0026 4129
PS Form 3811, July 1999 Domestic Re

Domestic Return Receipt

102595-99-M-1789

P 262 302 353 **US Postal Service** Receipt for Certified Mail No Insurance Coverage Provided. Do not use for International Mail (See reverse) AIRS ID#: 0010096 GLYNN R MARKHAM **GLYNN R MARKHAM** PO BOX 217 ALACHUA FL 32616 Certified Fee Special Delivery Fee Restricted Delivery Fee Return Receipt Showing to Whom & Date Defivered Return Receipt Showing to Whom, Date, & Addressee's Address TOTAL Postage & Postmark or Date TOTAL Postage & Fees

	Z	333	667	1,76	(Λ
•	US Postal Ser	vice			,ν/
	Receipt f		rtified	Mail	\
	No Insurance				
	Do not use for	Internati	ional Mail	(See reve	rse)
				RS ID # 00	
M	ARKHAM'S N	AAVTA			310030
				NDKI	
	YNN R MAF	KHAM	1		
PO	BOX 217				
AL	ACHUA FL	32616			
	Certified Fee				
	Special Delivery	Fee			
	Restricted Delive	ry Fee	Ì		
33					
<u></u>	Return Receipt S				
April 1995	Whom & Date De				
_	Return Receipt Show		. I		

TOTAL Postage & Fees

er top of envelope to	Fold at line over		
SENDER: Complete items 1 and/or 2 for additional services. Complete items 3, 4a, and 4b. Print your name and address on the reverse of this form so that we can return this card to you. Attach this form to the front of the mailpiece, or on the back if space does not permit. Write 'Return Receipt Requested' on the mailpiece below the article number. The Return Receipt will show to whom the article was delivered and the date delivered.		I also wish to receive the following services (for an extra fee):	
		Addressee's Address Restricted Delivery Consult postmaster for fee.	
3. Article Addressed to: AIRS ID#: 0010096 GLYNN R MARKHAM GLYNN R MARKHAM PO BOX 217 ALACHUA FL 32616	4b. Service Register Express	Type red Certified Mail Insured eccipt for Merchandise COD	
5. Received By: (Print Name) 6. Signature: (Addressee or Agent) William Merublam	8. Addresse and fee i	ee's Address (Only if requested s paid)	
PS Form 3811 . December 1994		Domestic Return Receipt	

PS Form **3811**, December 1994

op envelope to	Fold		
SENDER: Complete items 1 and/or 2 for additional services. Complete items 3, 4a, and 4b. Print your name and address on the reverse of this form so that card to you. Attach this form to the front of the mallpiece, or on the back item permit. Write "Return Receipt Requested" on the mallpiece below the are The Return Receipt will show to whom the article was delivered	I also wish to receive the following services (for an extra fee):		
*Attach this form to the front of the mallpiece, or on the back if a permit.	1. Addressee's Address		
Write *Return Receipt Requested* on the mailpiece below the ar	2. Restricted Delivery		
■The Return Receipt will show to whom the article was delivered and the date delivered.		Consult postmaster for fee.	
AIRS ID # 0010096 MARKHAM'S MAYTAG LAUNDRY GLYNN R MARKHAM PO BOX 217 ALACHUA FL 32616	4b. Service	Mail Contified Signature COD	
5. Received By: (Print Name) 6. Signature: (Addressee or Agent)	8. Addressed	RAddips (QQ) if requested	
PS Form 3811 , December 1994	102595-97-B-0179	Domestic Return Receipt	

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

RECEIVED MAIL ROOM

TOTAL AMOUNT DUE: \$50.00

FEB 28 97

Do NOT Remove Label

AIRS ID# 0010096

MARKHAM'S MAYTAG LAUNDRY GLYNN R MARKHAM PO BOX 217 ALACHUA FL 32616

FOR GOVERNMENT USE ONLY

-1.

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

Оы: 002273

Please include your AIRS ID# on your check or money order. This number can be found below on your mailing label. $\frac{RECEIVED}{PLAIL}$

TOTAL AMOUNT DUE: \$50.00 98

Do NOT Remove Label

AIRS ID#0010096

GLYNN R MARKHAM GLYNN R MARKHAM PO BOX 217 ALACHUA FL 32616

FOR GOVERNMENT USE ONLY Org.: 37550101000 EO: B1

Fund: 20-2-035001 Obj.: 002273