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AUG 09 1996
STATE OF INDIANA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT

Indiana Drycleaner Compliance Assurance Program (IDCAP)

Site Review Forms (IDEM Copy)

Facility Name: Reberger Cleaners
Address: 113 E National Ave
City/State/ZIP: Brazil, IN 47834
Dry Cleaner ID No.: IN05 10358
Phone Number: (812) 448-1655
County: Clay 021

Date: 8-2-96
Contact: Charles Reberger
Title: Owner
IDCAP Rep.: Carla Williams
Operator/Manager:

Mailing Address (if different than above):

Reason for visit: ☑ Initial Visit ☐ Recheck Visit ☐ Complaint Response

DRY CLEANING PROCESSING

A. General Equipment Information

Machine Information:

#	Type[1]	Date Installed	New or Existing Source	Manufacturer and Model No.	Perc filtration system(s)[2]	Perc vapor recovery system[3]	Installation date of Perc vapor recovery system
1	D	7/96	N	Omega Cartridge		RC	
2				CBCE-20			
3							
4							

[1] Dry-to-dry (D) or Transfer (T)
[2] List all types of filters used
[3] Refrigerated condenser (RC) or carbon adsorber (CA)

5	New transfer machines (after 09/22/93) are no longer allowed. Is the facility in compliance? ☑ Yes ☐ No
6	Were any carbon adsorbers that are used as Perc vapor recovery systems for drying process vapor installed before September 22, 1993? ☐ Yes ☑ No
7	Does the facility use a carbon adsorber as a residual Perc recovery system to vent aeration cycle vapors? ☐ Yes ☑ No

B. Refrigerated Condensers

8	Are temperature sensors for refrigerated condensers installed properly? ☐ Yes ☑ No
9	Are temperature sensors for all machines calibrated to measure temperatures from 32°F to 120°F? ☐ Yes ☐ No No probe

Record temperature readings (if available): No probe, but he was told he would need one

10 Temperature Sensor	Machine #1	Machine #2	Machine #3	Machine #4	Criteria for compliance
Dry-to-Dry Machines: (a) Dryer airstream at condenser inlet (°F)					Less than or equal to 45° F
Transfer Machines (b thru d): (b) Washer airstream at condenser inlet (°F)					None
(c) Washer airstream at condenser outlet (°F)					None
(d) Washer airstream net temp. drop ((b) - (c)) (°F)					At least 20° F
(e) In compliance (Y/ N)					XXXXXXXXXXXX

C. Carbon Adsorber Monitoring N/A

11	Are sampling ports for carbon adsorbers properly located in accordance with federal regulations (8 duct diameters downstream and 2 duct diameters upstream of any flow disturbance)? ☐ Yes ☐ No
12	Are the sampling ports kept closed when not in use? ☐ Yes ☐ No

Indicate the established desorption schedule for each machine. Perc concentrations should be measured in the exhaust using a colorimetric detector while the drying cycle is on. Perc concentrations should be measured at the end of a use cycle, just prior to desorption. (Schedule/Procedure may not yet be in place.)

13 Machine #	Indicate Periodic Desorption Schedule[i]	Date last desorbed	Measured Perc concentration in exhaust airstream	Use of carbon adsorber (A, B, or C as indicated in table below)[ii]	Perc concentration limit (as indicated in table below)[ii]
1					
2					
3					
4					

[i] Indicate schedule specifics (day of week, etc.)

[ii]

Carbon Adsorber is used:	Indicate with	Perc limit (ppm)
As main perc vapor recovery system	A	100
As residual vapor recovery system (tested during aeration while the door is open)	B	100
As residual vapor recovery system (tested during aeration while the door is closed)	C	300

[illegible]

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible] ☐ Yes ☐ No
[illegible]	[illegible] ☐ No
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

[illegible]

[illegible]

[illegible]	[illegible]
[illegible]	[illegible]

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	N				
[illegible]	[illegible]	N				
[illegible]	[illegible]	N				
[illegible]	[illegible]					
[illegible]	[illegible]	N				
[illegible]	[illegible]					
[illegible]	[illegible]	BE				
[illegible]	[illegible]	N				
[illegible]	[illegible]					
[illegible]	[illegible]	N				
[illegible]	[illegible]	AE				

[illegible]

[illegible]	[illegible]
[illegible]	[illegible]

+ ←) / 0h & h !% 0h!' 0* ←2!)' h

G. GTSVWRI h A :A filed, A;A *15 h for h

()ª	... *Notification* ... *IDEM* ... ??2... *new* ... T ... S¥× ... @c,q×E ql .× ________
((ª	... @CQ ... ??2ª ... T S¥× @c,q×E ql /× ________
(/ª	... @CP ... ??8ª ... T S¥× @c,q×E ql 0× ________

Initial Notifications: Some forms may have been filed after 7& : &1ª without penalty.

Compliance Report: Facilities which have already submitted Compliance Report should have all necessary control equipment in place and operational. H ª*monitoring and recordkeeping requirements should also be met.*

K. GASWCOGGTNRI h

(3ª	... *months?* ... = × q×× = S¥× ... (*kyr)* ... @c,q×hc hÀ c,ql 4× ________ Records Reviewed
(5ª	... × q×× T S¥×
(8ª	... T Z c ... P ... T P c ¥×
(9ª	... P ... ☐ *No* no proble
(;ª	... N ... *Yes* T S¥×
JY×	... X q×× T S¥×
/ ª	... *up-to-date* ... ☐ q×× = S¥×
/)ª	... b q×× J ¥×
/(ª	... CZG ... T q×× D S¥×
//ª	... T q×× T S¥×
/2ª	... = × q×× T S¥×
×	He ... T q×× T S¥× L ... ________

R= Recommended by ZOQd *(i.e. not required)*

Safety Clean

[illegible]	[illegible]	
[illegible]	[illegible]	
[illegible]	[illegible]	☑ Yes
[illegible]	[illegible] have an [illegible] hazardous waste generator [illegible]	☑ Yes
[illegible]	[illegible]	
[illegible]	[illegible]	
[illegible]	[illegible]	
[illegible]	[illegible]	

[illegible]	[illegible]	
[illegible]	[illegible]	☑ No
[illegible]	[illegible]	
[illegible]	[illegible]	
[illegible]	[illegible]	
[illegible]	[illegible]	
[illegible]	[illegible]	

[illegible]	[illegible]	
[illegible]	[illegible]	
[illegible]	[illegible]	☑ Yes
[illegible]	[illegible]	
[illegible]	[illegible] percentage or poundage [illegible]	
[illegible]	[illegible]	
[illegible]	[illegible]	

	Does the facility [illegible]	☐ Yes	[illegible]

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	☐ No
[illegible]	[illegible]	[illegible]	☐ No

[illegible]

[illegible] *Ask owner/operator for names of other local dry cleaners. Compare to list from IDEM database.*

[illegible]

[illegible] *IDEM recommends that all Indiana dry cleaners perform a self-review of all regulations affecting your facility or in order to identify any potential problems which may affect your employees or facility safety. Some of the regulations or potential safety problems dry cleaners should be concerned with include: facility perchloroethylene storage areas, spotting areas, hazardous communication programs, emergency action plans, written lock-out/tag-out programs, written exposure control plans, and general work area safety. IDEM has complied a short self-check list which dry cleaners can use to review their facilities. This list, titled "A Dry Cleaners Self-Check" can be obtained from the Office of Pollution Prevention and Technical Assistance by calling (3 23 or 1-800-451-6027 ext. 2-8172 or from the IDEM staff person visiting your facility.*

[illegible]

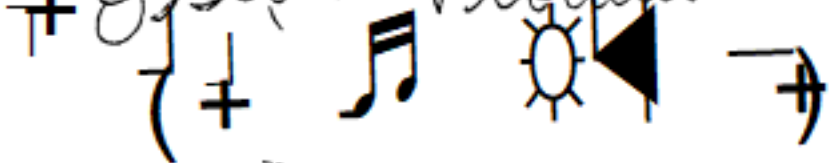
[illegible]

[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

Recomendations

1) Start Yoga

Possible Violations



2) Accumulation 

FF021

COMPLIANCE REPORT FOR POLLUTION PREVENTION

A1× Print or type the following for each separately uq zv ª v ª u yq ª plant (facility). The owner of more than one plant must fill out a z q q y e ant e for each plant.

Owner/operator CHARLES K REBERGER

Company Name REBERGER CLEANERS

Mailing Address 113 E NATIONAL AVE

City BRAZIL State IN Zip 47834

Plant Address &} ª j ¬ ¥ ¥ Ã » Ç× ® ×Mailing Address)

Street Address _____

City _____ State _____

Phone Numbe Ã× _____

I.× Write in the total volume of perchloroethylene (perc) purchased for e ± f the machines at the dry cleaning plant over the past $- ª months (based on actual purchase receipts) :

0 ‼ 5 gallons

M× The following pollution prevention practices must be performed at your plant starting on % ¬ - =. ª

- Conduct a weekly leak detection and repair program to inspect all dry cleaning equipment for leaks that are obvious from sight, smell, or touch. NOTE: This program is required only every other week (biweekly) if you reported NO CONTROLS REQURIED in the INITIAL NOTIFICATION REPORT.
- Repair leaks within HN× hours after they are found, or order repair parts within G× working days after detecting a leak that needs repair parts. Install the repair parts by × working days after they are received.
- Keep a log of the weekly (or biweekly) results of the leak detection and repair program.
- Follow good housekeeping practices, which include keeping all perc and wastes containing perc in covered containers with no leaks, draining cartridge filters in closed containers, and keeping machine doors shut when clothing is not being transferred.
- Operate and maintain all × ª cleaning equipment according to manufacturers' instructions.

O/× The following records must be kept at your plant:

- A log of the results of the leak detection and repair program.
- A log of the amount of perc purchased for the past $- ª months, calculated each month.

'×

The operation and maintenance manuals for all the cleaning equipment at the plant.

Print or type the name and title of the Responsible Official for the cleaning plant:

CHARLES REBERGER OWNER

Name Title

A Responsible Official can be:

- The president, vice president, secretary, or treasurer of the company that owns the dry cleaning plant,
- owner the dry cleaning plant,
- The manager of the cleaning plant, or
- A government official if the dry cleaning plant is owned by the Federal, State, City, or County government, or
- A ranking military officer if the dry cleaning plant is located at a military base.

The Responsible Official certify the statement below.

I CERTIFY THE INFORMATION CONTAINED THIS REPORT BE ACCURATE THE BEST OF KNOWLEDGE THAT THIS PLANT IS IN COMPLIANCE POLLUTION PREVENTION PRACTICES THIS REPORT.

(Signature of Responsible Official)

be

Lę

2BTÊ ɿd Ɥd'ę

141°2 ę **NOTIFICATION** 7 §67Ɨ ę

1ę Print or type the following for each separately located dry cleaning plant (facility). The owner of more than one plant must file a separate form for each plant.

Owner/operator CHARLES K REBERGER

Company Name REBERGER CLEANERS

Mailing Address 113 E National Ave

City BRAZIL State IN Zip 47834

Plant Address (If Different ÎÙę Mailing Address)

Street Address ______

City ______ State ______

Phone Number ______

2 ę Çâę ÿ× ę:ôđę :ÑèõČę if:

* Γ your dry cleaner is)° pick-up store.

) Γ your dry cleaning plant has only coin-operated dry cleaning machines that are operated by the customers.

sę you checked either box above, ěę Öę °®ę ę and ýÇę the form to the address given ?ę ć÷ę ¼ÅÆőìÄÉ?Őě ç÷FF÷ űaę

}bę Write in the total volume of perchloroethylene (perc) purchased for {£ę of the machines at the dry cleaning plant őüę the past _ąę months:

20 gallons

®ð¼pę tØę perchloroethylene purchase records have not been kept at the plant, the volume ü¿ěę be estimated for this initial report.

Method of determining gallons (circle one) œę

estimated

Sę Next to each machine type listed below, write the number of machines of that type located at your plant:

Dry-to-Dry ______ Transfer

ǎę

[illegible]

	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Dry-to-Dry [illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Aug 96			
[illegible]	Dry to Dry Machine with Refrigerated condenser			
[illegible]				

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

U'× The following records must be kept at your plant:

- ¬ź +ź log of the results of the leak detection and repair program.
- ¬ź +ź log of the amount of perc purchased for the past @F× months, calculated each month.
- ¬ź The operation and maintenance manuals for all dry cleaning equipment at the plant.

X(× If a room enclosure is installed on a transfer machine as required by Question N-× the following information about the room enclosure must be attached to this report.

- × Description of the materials that the room enclosure is constructed of to show that it is impermeable to perchloroethylene, and
- ¬ź Explanation of how the room enclosure is operated to maintain a negative pressure at all times while the transfer machine is operating.
- ¬ź Explanation of how the room enclosure exhausts into a carbon adsorber

=ª‼ Print or type the name and title of the Responsible Official for the dry cleaning plant:

CHARLIE A K REBERGER OWNER

Name Title

=ź Responsible Official can be:

- ¬ź The president, vice president, secretary, or treasurer of the company that owns the dry cleaning plant,
- ¬ź ąź owner of the dry cleaning plant,
- Ð× The manager of the dry cleaning plant, or
- ¬ź =ź government official if the dry cleaning plant is owned by the Federal, State, City, or County government.
- ¬ź =ź ranking military officer if the dry cleaning plant is located at a military base.

The Responsible Official must certify below that all of the information presented in this initial report is accurate and true.

I CERTIFY THE INFORMATION | d ×{ ×THIS REPORT ×BE FLN j ª¯ź
ðÙź qź THE BEST OF MY KNOWLEDGE.

(Signature of Responsible Official)

-5«¬- ¶¶¯ę

A. To find out if control is required:

Check all boxes that apply:

- [x] -ę reported less than)‖ ję gallons in Question •a (page åæ Mę
- [ ] -ę reported less than y‖‖ę gallons in Question ⊥ę (page åææ-ę reported only transfer machines in Question ┬ę (page)Te^ę

If you checked either box above and all your machines were installed before 12/9/91, you can STOP Nę Write NO CONTROL REQUIRED in the shaded box on page 2 for each machine at your plant that was installed before 12/9/91. For those machines installed on or after 12/9/91, continue with the rest of the worksheet.

YOU · ¶ę FINISHED WITH ¿ę WORKSHEET. ę TO QUESTION ⊣ę (page 2).

If you did not check a box above, go to Part B below.

B. Control is required. Fill out Part for EACH MACHINE at your plant.

Check the appropriate box:

(r Machine was installed ‖⊥%/ : 12/9/91.

If you checked this box, your required control is a refrigerated condenser or a carbon adsorber that was installed before 9/22/93. Write REFRIGERATED CONDENSER or CARBON x•◊◊ę ßę the shaded box below the machine on page 2.

Control must be installed by 9/22/96.

[x] Machine was installed ON OR AFTER 9/22/93.

If you checked this box, your required control is a dry-to-dry machine with refrigerated condenser.

Write DRY-TO-DRY MACHINE $"ę REFRIGERATED CONDENSER in the shaded box below the machine on page 2. NOTE: NO ˚ę OR U•ED Å•‖‡ę MACHINES ę BE ··!‖ ę y‖ę 9/22/93.

Control must be installed when machine is installed.

! r Machine was installed (%ÆOR AFTER 12/9/91 }ę ¶┬&0 : 9/22/93.

If you checked this box, your required control is a dry-to-dry machine with refrigerated condenser. Write DRY-TO-DRY ¦ uę $"ę REFRIGERATED CONDENSER åę the shaded box below the machine όę page 2.

If the machine you have is NOT a dry-to-dry machine with a refrigerated condenser, the machine must use either a refrigerated condenser or carbon adsorber from 9/22/93 until 9/22/96. ˚ę or after 9/22/96, Åęę carbon adsorbers on dry-to-dry machines must be replaced with a refrigerated condenser. If the machine is a transfer machine with a carbon adsorber or a refrigerated condenser, you may keep this installation until 9/22/96. If you plan to keep a dry-to-dry machine with a carbon adsorber or a transfer machine with either a refrigerated condenser or carbon adsorber until 9/22/96, also write this information in the shaded box.

♬a å┐ t' ! , @ a DWSa , " a ‖ , S- D@‖ 6 a ⌊ ⁉? S H D6 a , Ra H G , H ◘a

♬ % ⌊ 4 a ‖ 6 7 a ⊤ D[Ra T& ‖ Sa ‖ E F 7 \ a

' r ✿ a I E D H S a◀#† ♬♬ę$ ‖ 8 7 D? Ra D H a 7 R Ra , ? a ⌊ W Q S , D@a•a F ‖ $ a Rę

' r ✿ a H E D H U a X#◀♬♬ę−⊥ħ✿┐%⌈t' ┐♀t' ✿┘⌈ot' '%t' à↩┘ o8┐ t' ⊥ę Kɛ|− ª t' @ę @ę ✿ a H E D H U a D? 6] a N └ U ⅋└ M a < − , @ Ra , %t' ⌊ ↩┘ o8 , ┐ t' ⊥ę ę E ‖ −┘ª t' @ę @ę

(ę Z┐ "t' ┘◘"┘ ⊦t' Ć └ It' ┐!t' d┐ ¤ Dt' Z┐ t' ◘ | ┤t' #◀>t' 9]ę)┐ t' í⊢FĜ└ ┐ | ┼t' ◘┐ 8♀┐ ┼•t' |♀┘t' ♀┘ ⌊ ♀┘ ⊦=t'

E◀ Mt' ę —¶&Òt' É½ę 4 Æ≡✿µ ‖ę ªę • ◀t' K &#¶◀)t' ăę -⌐ | − ┘ t' ◘ Qę ó⊦t' śU └┘ t' ĝ t' └Ě┘ t' ⊦ | Ÿ┘ Ńt' └• ┘ t' ú »Á└♀™┼ Xt' 9⅃ ♀┘ t' ┐♀t' ⌊U-Àt' ö┘ t' UijX Ÿ | ┼-ć⊦=t'

(ę Z┐ "t' ⊦ ⊦t' ┐ └t' ┘◘‖ t' | t' ┐ ¼ñt'd┐ ¤┘ Dt' −┐ t' Ň┐ t' >| ∝ └t' ę ┘ ┼┐ + =t'

→ⅈÂ ✿ " a ‖ , S , D? ‖ 6 a ⌊ D? U H D7 a , Ra ♀┘ Ļ Õ♀ N²t' O$kĨt' ┐ 8t' >‖ ◘Sa →Â " C Ha ę Ok, a ‖ Ua \ D X Ha E 6 ‖ ? U◘a

x┘ @.t' ‖a ┐§t' ┘✿┐¡ªt' , " a g8t' ‖ E ⅋ , ┘⌈◘a

d ◀ − , A a , Ra ‖ a [;8m' \ ÆţûQ'%┘ t' ŎYt' ¡î t' Ğı Y⊥✿k┘ Ft' £ę I◘t' ¯ę o↕ &*&*◀$ę

¶ Ďt' Z┐ pt' ◘ ┘◘· ┘ Ft' Q$• t' ÷┐ ! Dt' ½ş┐ pt' | Ł┘ t' | ✿•┐ t' ♀┘ ▯ $♀┘ ⊦t' ┐ t' %ńY„ ✿✿t' | t' •p− −✿ Ċ┘ %└ | ✿t' ◘ | ▯ e┐ t' ï⊦X┐ ♀e┘ ♀ =t'

?♀ └┘ t' A ¢ ¬zę É◀)t' Ã&◀âît' %t' └• ┘ t' • | ⊦┘ Ft' ┐!t' ┼┐ +t' ń t' ◘ %┘ t' ┐ IJt' −ő−┘ t' ↕$ę

r Ü@Qg┘ t' . Ra ‖ a 8♀ ôî O┘ ♀t' j@Q'%┘ =t'

'ę :┐ "t' ◘ ◘· ┘ ⊦t' ⁄n •t' ┐!Dt' Š┐ t' |♀┘t' |┼•┐t' ♀┘▯ ♀┘ ⊦t' └┐t' ┤•└|┼✿t' |t' ♀┐┐7t' ┘ %◘k┐ X "♀┘ =t' ?♀U└┘ t' L◀◀Öt' ÌÇÕ◀&«t' ┤t' └ t' • ⊦┘ ⊦t' ┐!t' ┘┼┐+t' └ t' 7|◘ ┤┘t' ┐ t' −|−┘ t' ◘Zę

E◀ Mt' A"t' ▯ ĩ&Ót' 8 Æ⊞ Æ≡ ä¶ ‖ę 'ę #◀t' Ké&#¶◀)t' ·ę õFt' Ŝ Y┘ t' ┤t' └ t' ā└┘ •t' |┼✿t' ◘┐ %└♀┐┼•t' Ś♀┘t' m◘t' ±³A✿✿t' t' %• └|┼✿▯ 5t' č−|−┘ t' ↕Sę

◦ę

┬ ¶ ╞# + ♂ +

├31 7.-(2) * E * 739 E83E 3//; :-32E 8* <* 2:-32E

REQUIREMENTS

Owner/operator CHARLES K REBERGER

Company Name REBERGER CLEANERS

Mailing Address 113 E NATIONAL AVE

BRAZIL IN Zip 47834

1. Dry to Dry July 96

2 ~

$‰ ⊥ ← ‼ ↑" + □ +

%l F OEB4H68r0 8Ol Qr;l Q%l H\Q E0 8P_C8G 8H\Zr

To #, B a DYVa Z' Va ^ a of KDH), g . RaH G / J a

(5a r all ĐOĐ V) Va %öö*dmę

☒ -ęWR a %ęH _K0 ¶V a o. .. Ha on a O VD P a; &, @ aVDa; VaV) a
H G 1 H a D@V

If you checked this box, you are required to perform a weekly monitoring test to show that the temperature on the outlet side of the refrigerated condenser is less than or equal to degrees Fahrenheit.

r -ęWRe a HefHŰ Hat d D@ @R HaD@a a tri Rf r = *, ? aVDa; VaV* a
H G 2 H a D@UHD: a

If you checked this box, you are required to perform a weekly monitoring test to show that the temperature on the outlet side of the refrigerated condenser on the transfer dryer is less than or equal to degrees Fahrenheit AND that the difference between the inlet and the outlet temperature of the refrigerated condenser on the transfer washer is greater or equal to degrees Fahrenheit.

r : WRe a carbon adsorber on a dry-to-dry or a transfer > +/ @ aVDa meet the required Ñiécüí*Aę - ę

r ęĐRe a supplemental carbon adsorber on ę dry-to-dry machine and the exhaust passes through V* a caH>o@a adsorber ®. ę µ¤ię oHa opening.

If you checked either of the ę boxes above, you are required to perform a weekly monitoring test ĐĆę a colorimetric detector tube Â Â ü t the concentration of perc Üę the exhaust from the carbon adsorber is not over m((ę parts per million.

r ¶ URe a supplemental carbon adsorber on a dry-to-dry machine and the exhaust passes through the carbon adsorber . ¥9ę -3 a machine ooHa 0Ra opened.

If you checked this box, you are required to perform a weekly monitoring test with a colorimetric detector tube to show that the concentration of perc inside the ę cleaning machine Öę at the end of the drying cycle is not over {ę parts per million.

r : use a room enclosure on a transfer machine.

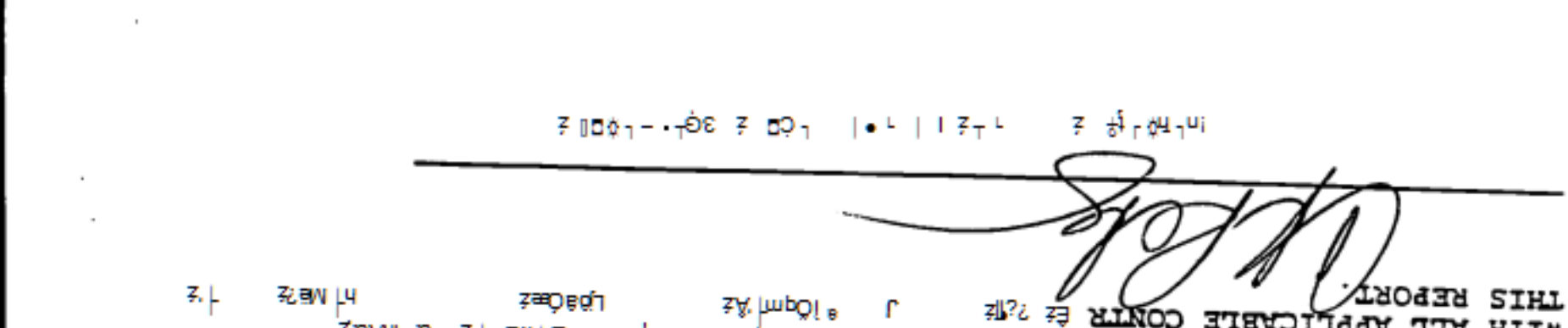
If you checked this box, you are required to vent all air from inside the room enclosure through a carbon adsorber. The room enclosure must be constructed of materials impermeable to perc, must be designed and operated to maintain a negative pressure at all times while the transfer machine is operating, and must exhaust to a carbon adsorber.

5. Print or type the name and title of the espo@Rible Official for the dry cleaning facility:

[signature] OWNER

Name Title

CHARLES K REB



[illegible]

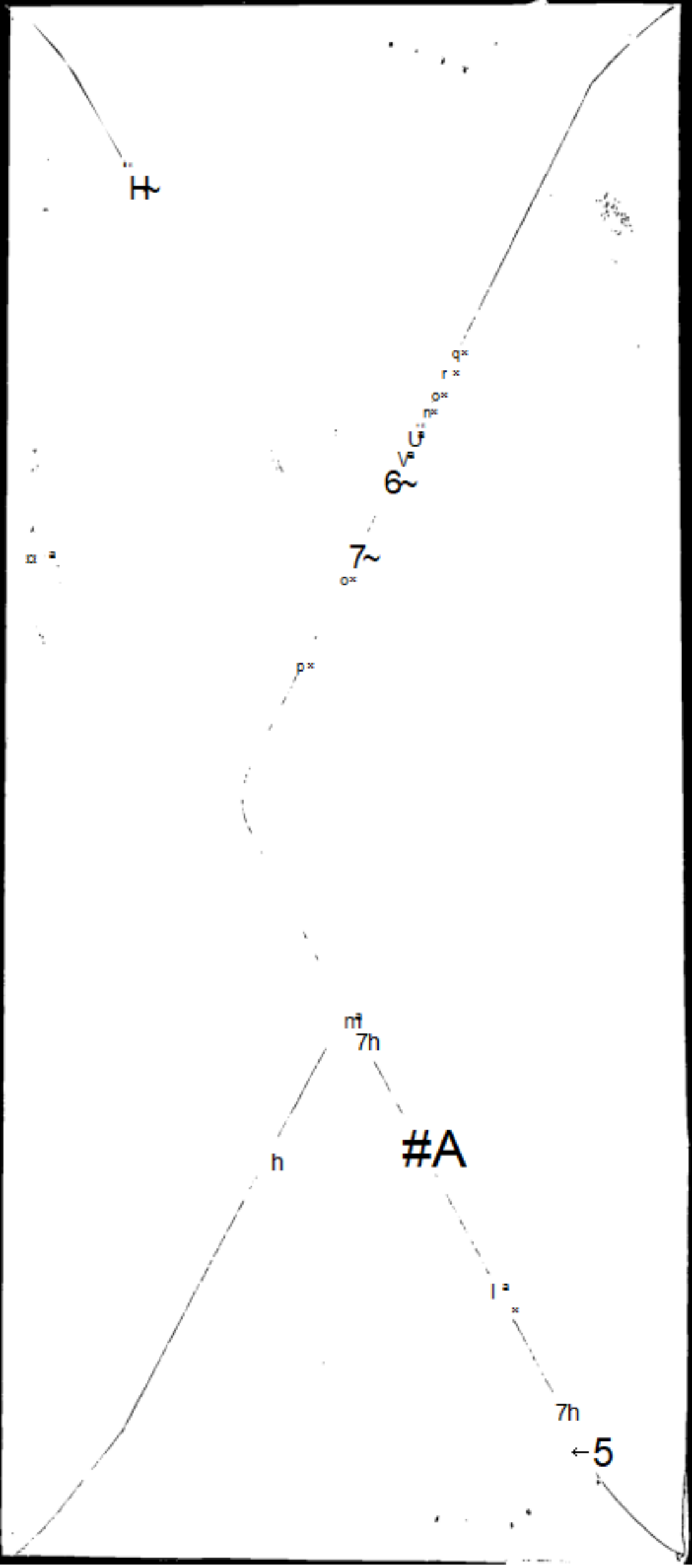
TO THE BEST OF MY [illegible]
WITH ALL APPLICABLE CONTR [illegible]
THIS REPORT [illegible]

[illegible]

C. Rekeiger
113 E National Ave
Brazil, IN
47834

UNITED STATES POSTAL SERVICE
0000
46206
U.S. POSTAGE
PAID
BRAZIL, IN
47834
JUN 30 '97
AMOUNT
$0.55
00018554-04

IN Dept of Environmental Mgmt.
100 N. Senate Ave
PO Box 6015
Ind[illegible] IN


H~
q×
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o×
p×
m
7h
h
#A
l
7h
←5