

IOWA DEPARTMENT OF NATURAL RESOURCES

Appliance Demanufacturer



PERMIT APPLICATION FORM 50D

☐ New Permit ☐ Permit Renewal # _____ -ADP- _____ - _____ ☐ Permit Amendment

Application for an appliance demanufacturer must be accompanied by the plans, specifications and additional information required by the applicable solid waste rules under Iowa Administrative Code 567 Chapter 118.

Send completed applications with attached information to:

Iowa Department of Natural Resources
Land Quality Bureau
Solid Waste Section
502 East Ninth Street
Des Moines, IA 50319-0034

For questions concerning this application please contact the Department at (515) 217-0872.

SECTION 1. FACILITY CONTACT INFORMATION

Facility Name: _____

Address: _____

Phone: _____ Fax: _____ Email: _____

Name of Responsible Official: _____

Address: _____

Phone: _____ Fax: _____ Email: _____

Name of Facility Operator: _____

Phone: _____ Fax: _____ Email: _____

Site Legal Description: _____ County _____

_____ ¼ of _____ ¼ of _____ ¼ Sec _____ Twp _____ N Range _____ ☐ E ☐ W

Facility Owner: _____

Address: _____

Phone: _____ Fax: _____ Email: _____

Name of Design Engineer (P.E.), if any: _____ License #: _____

Address: _____

Phone: _____ Fax: _____ Email: _____

SECTION 2. SITE INFORMATION

Days and hours of operation of the facility: _____

Open to the public? ☐ Yes ☐ No

Service area of the facility and final disposal destination of components:

Service Area: _____

Disposal Facility: _____

Type, source and number or weight of appliances to be handled per day, week and year at the facility:

_____ per day
_____ per week
_____ per year

Description of the appliance handling and demanufacturing process to be used:

SECTION 3. PERMIT APPLICATION CHECKLIST

Checking the appropriate boxes below certifies that the documents submitted in conjunction with this application form are complete and in compliance with the applicable chapters of the Iowa Administrative Code. While some of the documents below may have been submitted previously, updated copies of each is required to be provided with each permit renewal application. One (1) copy of each document shall be submitted. If an application is found by the department to be incomplete, it may be denied and returned to the applicant.

Required Documents			Attached
Section A.	Executive Summary (<i>permit renewals only</i>) <ul style="list-style-type: none">Summary of modifications, if any, to the facility that occurred during the current permit cycle.Summary of each special provision of the current permit to determine if it is to remain the same, be revised or be removed.Summary of each permit amendment, if any, that occurred during the current permit cycle to determine if it shall be included with the renewed permit, be revised or be removed.Provide documentation and certification as required for new permit amendment requests and new variance requests from Iowa Administrative Code, if any.		<input type="checkbox"/>
Section B.	Site Map or Aerial Photograph	IAC 567 118.6(6)	<input type="checkbox"/>
Section C.	Proof of Ownership/Local Zoning Requirements/100 yr. flood elevation	IAC 567 118.6(15) IAC 567 118.7(3)	<input type="checkbox"/>
Section D.	Organizational Chart	IAC 567 102.12(5)	<input type="checkbox"/>
Section E.	Operator Certification	IAC 567 118.6(13)	<input type="checkbox"/>
Section F.	EPA Refrigerant Recovery Device Certification	IAC 567 118.6(8)	<input type="checkbox"/>
Section G.	EPA Notification of PCB Activity	IAC 567 118.6(12)	<input type="checkbox"/>
Section H.	Unique Marking System	IAC 567 118.6(14)	<input type="checkbox"/>
Section I.	Site Operation Plan	IAC 567 118.6(9)	<input type="checkbox"/>
Section J.	Contingency Plan	IAC 567 118.6(10)	<input type="checkbox"/>
Section K.	Site Closure Plan	IAC 567 102.12(10)	<input type="checkbox"/>
Section L.	Proof of Financial Assurance and Closure Cost Estimate	IAC 567 118.16	<input type="checkbox"/>

SECTION 4. APPLICANT CERTIFICATION

Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

I further certify that the construction and operation of the above described facility will be in accordance with the plans, specifications, reports and related communications accepted by the Iowa Department of Natural Resources and on file in its office; and in accordance with conditions imposed in the permit issued by the Iowa Department of Natural Resources.

Signature: _____ **Date:** _____

Printed Name: _____ **Title:** _____

Section A: Executive Summary

A. Introduction:

The purpose of this document is to provide the necessary information for the permit renewal for Appliance Demanufacturing Permit #23-SDP-02-03, which will authorize the Clinton County Area Solid Waste Agency (CCASWA) Appliance Demanufacturing Facility to continue to operate. The Appliance Demanufacturing Permit Application Form is included with this document in addition to updated copies of the required documents.

B. Summary of Modifications:

- Current Site Map Updated
- Current Stormwater Discharge Permit Updated
- Organizational Personnel List Updated

C. Summary of Each Special Provision:

There are no special provisions indicated by the Department in the previous Renewal Documents; therefore, revised or removed special provisions are not applicable.

D. Document & Certification of New Permit Amendment Requests:

No permit amendments were issued by IDNR during the current permit cycle. The facility is not a new permit, but only a renewal of the existing permit.

E. New Variance Request:

The facility is not requesting a variance.

Path: C:\Users\hmadson\OneDrive - SCS Engineers\Desktop\GIS\Mapes\Site Maps\CCASMI East 2023 AMOR\Clinton 2023 AMOR v2.aprx
User: hmadson
Date Saved: 2/23/2024 2:04 PM



Site Map

Legend

- | | |
|-----------------------------------|------------------------------------|
| Petroleum Contaminated Soils Area | Cell Boundary |
| Approximate Future Waste Boundary | Phase Boundaries |
| Approximate Property Boundary | Approximate Current Waste Boundary |

Clinton County Sanitary
Landfill - East
Clinton, Iowa
Drawing Date: February 2024

SCS
ENGINEERS
environmental consultants and contractors

Figure 1

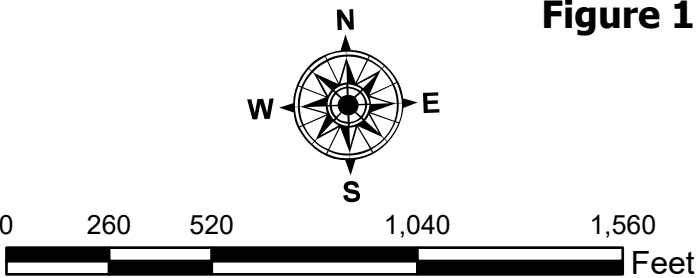


EXHIBIT A - LAND

The west twenty (20) rods of the south forty (40) rods of the northeast quarter (NE $\frac{1}{4}$) of the southwest quarter (SW $\frac{1}{4}$) of section thirty-three (33); also the south half (S $\frac{1}{2}$) of the northwest quarter (NW $\frac{1}{4}$) of the southwest quarter (SW $\frac{1}{4}$) of section thirty-three (33) except the west one thousand three hundred eighteen and thirteen-hundredths (1318.13) feet thereof; and

The south half (S $\frac{1}{2}$) of the southwest quarter (SW $\frac{1}{4}$) of section thirty-three (33) except the west one thousand three hundred eighteen and thirteen-hundredths (1318.13) feet thereof all in township eighty-two (82) north, range six (6), East of the 5th P.M.

Also excepting beginning at the southwest corner of the southwest quarter (SW $\frac{1}{4}$) of section thirty-three (33) thence westerly along the south line of said southwest quarter (SW $\frac{1}{4}$) of section thirty-three (33) a distance of one thousand three hundred eighteen and thirteen-hundredths (1318.13) feet to the point of beginning of the land here intended to be described. Thence north parallel with the west line of the southwest quarter (SW $\frac{1}{4}$) of section thirty-three (33) a distance of five hundred thirty (530) feet thence east, parallel with the south line of the southwest quarter (SW $\frac{1}{4}$) of section thirty-three (33) a distance of four hundred fifty-six (456) feet thence south parallel with the west line of said southwest quarter (SW $\frac{1}{4}$) of section thirty-three (33) a distance of five hundred thirty (530) feet to the south line of said southwest quarter (SW $\frac{1}{4}$) of section thirty-three (33) thence west four hundred fifty-six (456) feet along the south line of said southwest quarter (SW $\frac{1}{4}$) of section thirty-three (33) to the point of beginning. Said parcel being 5.54 acres more or less.

IOWA STATE BAR ASSOCIATION
Official Form No. 181FOR THE LEGAL EFFECT OF THIS DEED
OF THIS FORM, CONSULT YOUR LAWYER

REAL ESTATE TRANSFER
TAX PAID
STAMP 2
3662-89
6-30-89
CLINTON
COUNTY

CLINTON COUNTY, IOWA
OFFICE OF RECORDER

3662-89

1989 JUN 30 AM 11:04

FILE 1500

RECORDED *Walter J.*

WARRANTY DEED

SPACE ABOVE THIS LINE
FOR RECORDER

For the consideration of ---One---
Dollar(s) and other valuable consideration, MARVIN A. BAHNSEN and PATRICIA E. BAHNSEN
husband and wife
do hereby Convey to CLINTON COUNTY AREA SOLID WASTE AGENCY
the following described real estate in Clinton County, Iowa:

See Exhibit "A" attached hereto.

RECEIVED

7-7-89
COUNTY RECORDER

RETURNED FOR TAXATION
Transfer Tax
Date 7-6-89
7-6-89
CHARLES A. L. HODGE
County Auditor

Grantors do hereby Covenanted with grantees, and successors in interest, that grantors hold the real estate by title in fee simple; that they have good and lawful authority to sell and convey the real estate; that the real estate is Free and Clear of all Liens and Encumbrances except as may be above stated; and grantors Covenanted to Warrant and Defend the real estate against the lawful claims of all persons except as may be above stated. Each of the undersigned hereby relinquishes all rights of dower, homestead and distributive share in and to the real estate.
Wills and p. - pass herein, including acknowledgment hereof, shall be construed as in the singular or plural number and as masculine or feminine gender, according to the context.

STATE OF IOWA ss:
CLINTON COUNTY,

Date: June 28, 1989On this 28 day of June

to All Before me, the undersigned, a Notary Public in and for the State of Iowa, personally appeared MARVIN A. BAHNSEN and PATRICIA E. BAHNSEN husband and wife

Marvin A. Bahnson
MARVIN A. BAHNSEN (Grantor)
Patricia E. Bahnson
PATRICIA E. BAHNSEN (Grantor)

Known to me to be the persons whose names are subscribed to the foregoing instrument and acknowledged to me as such by their signatures and

[Signature] Notary Public
My Commission Expires 7-1-90

THE IOWA STATE BAR ASSOCIATION
Official Form No. 7207FOR THE LEGAL EFFECT OF THE USE
OF THIS FORM, CONSULT YOUR LAWYER**COPY**

Prepared by: Jerry D. Van Scoy, 408 S. 2nd Street, Clinton IA 52732 (319)242-2827

**COURT OFFICER DEED**SPACE ABOVE THIS LINE
FOR RECORDER

IN THE MATTER OF THE ESTATE

OF

ETHEL L. DOWERTY, deceased

now pending in the Iowa District Court

in and for CLINTONCounty, ProbateNo. ESPRO11055Pursuant to the authority and power vested in the undersigned, and in consideration of 210,000.00

Dollar(s) and other valuable consideration, the undersigned, in the representative capacity designated below, hereby

Convey to Clinton County Area Solid Waste Agencythe following described real estate in CLINTON

County, Iowa:

The west half (W $\frac{1}{2}$) of the southwest quarter (SW $\frac{1}{4}$) of the northeast quarter (NE $\frac{1}{4}$); the north half (N $\frac{1}{2}$) of the northeast quarter (NE $\frac{1}{4}$) of the southwest quarter (SW $\frac{1}{4}$); the east fifteen (15) acres of the south half (S $\frac{1}{2}$) of the northeast quarter (NE $\frac{1}{4}$) of the south west quarter (SW $\frac{1}{4}$); the west twenty-one (21) acres of the northwest quarter (NW $\frac{1}{4}$) of the southeast quarter (SE $\frac{1}{4}$); and the west forty-two (42) rods of the southwest quarter (SW $\frac{1}{4}$) of the southeast quarter (SE $\frac{1}{4}$), all in section thirty-three (33), township eighty-two (82) north, range six (6), East of the 5th P.M.

words and phrases herein, including acknowledgment hereof, shall be construed as in the singular or plural number, and as masculine, feminine or neuter gender, according to the context.

Dated: JUNE 5, 1996MAY 30, 1996CLINTON NATIONAL BANK

By [Signature] VP
By [Signature] VP
Title

[Signature]
Kathleen Bengtgen

As Co-executor "In the above
entitled estate or cause.

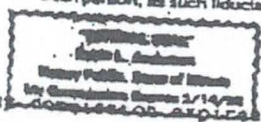
As Co-executor "In the above
entitled estate or cause.

*Executor, Administrator, Guardian, Conservator, Trustee, Referee, Commissioner, or Receiver

STATE OF ILLINOIS COUNTY OF CLINTON ss:

On this 30 day of May, 1996, before me, the undersigned, a Notary Public
in and for said state, personally appeared Kathleen Bengtgen

to me known to be the identical person named in and who executed the foregoing instrument, and acknowledged that
such person, as such fiduciary, executed the same as the voluntary act and deed of such person and of such fiduciary.

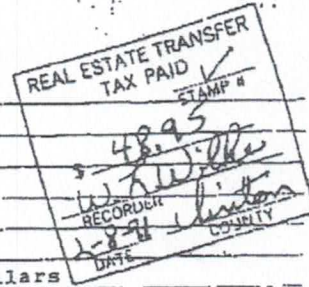


[Signature] Notary Public in and for said state.
2-14-98

WARRANTY DEED

Know All Men by These Presents: That

Theodore W. Gerwulf, a single person,

in consideration* of the sum of Forty Five Thousand Dollars
(\$45,000.00)in hand paid do hereby Convey unto Clinton County Solid Waste AgencyGrantees' Address: % Jasper W. Morgan, 410 Howes Bldg. Clinton, Iowa,
the following described real estate, situated in CLINTON County, Iowa, to-wit:

The West nine and one-half (9½) acres
of the Southwest Quarter (SW¼) of the
Southwest Quarter (SW¼) of Section
Thirty-four (34), Township Eighty-
two (82) North, Range Six (6), East
of the Fifth Principal Meridian,

CLINTON COUNTY, IOWA
OFFICE OF RECORDER

744-91 FEB-8 AM 9:32

FEE 10.00
RECEIVED RECORDER W. W. WikeDocumentary Stamps in the sum of \$48.95 FEB 14 1991
are attached to this instrument

City Assessor

And the grantors do hereby Covenant with the said grantees, and successors in interest, that said grantors hold
said real estate by title in fee simple; that they have good and lawful authority to sell and convey the same; that said
premises are Free and Clear of all Liens and Encumbrances Whatsoever except as may be above stated; and said
grantors Covenant to Warrant and Defend the said premises against the lawful claims of all persons whomsoever,
except as may be above stated.

Each of the undersigned hereby relinquishes all rights of dower, homestead and distributive there in, and to the
above described premises.

Words and phrases herein, including acknowledgment hereof, shall be construed as in the singular or plural number, and as masculine
or feminine gender, according to the context.

Signed this 7th day of February, 19 91* Not Public Transfer Tax
Recorder (Iowa Code 1991)Theodore W. GerwulfTheodore W. Gerwulf 311 3rd Avenue North, Clinton, Iowa, 52732
(Grantor) (Address of Grantor)STATE OF Iowa Clinton COUNTY, ss:

On this 7th day of February, 19 91, before me, the undersigned, a Notary Public
in and for said County and said State, personally appeared Theodore W. Gerwulf
a single person,

to me known to be the identical persons named in and who executed the foregoing
instrument, and acknowledged that they executed the same as their voluntary act
and deed.

Simon W. Rasche Jr. Notary Public in and for said County and said State.

THE IOWA STATE BAR ASSOCIATION
GROUP 1 Page No. 107

REAL ESTATE TRANSFER
TAX PAID
STAMP
\$ 199.80
W. L. WILHE
RECORDED
11-5-96
DATE
CLINTON COUNTY

CLINTON COUNTY, IOWA
OFFICE OF RECORDER
56 NOV -5 AM 9:28
7931-96 FEE 11.00
REC'D W. L. WILHE

PREPARED BY: LANE & WATERMAN (MCC), 220 N. Main Street, Suite 600, Davenport, IA 52801 319/324-3246

SPACE ABOVE THIS LINE
FOR RECORDER



WARRANTY DEED

For the consideration of One (\$1.00)
Dollars and other valuable consideration,
JEFFREY T. IBURG and PAULA A. IBURG, husband and wife,
do hereby Convey to
CLINTON COUNTY AREA SOLID WASTE AGENCY
the following described real estate in Clinton County, Iowa:

Part of the West Half of the Southeast Quarter of section Thirty-three (33),
Township Eighty-two (82) North, Range Six (6), East of the 5th P.M.,
described as: commencing at the Southeast corner of the Southeast Quarter
of the Southeast Quarter of said Section Thirty-three (33), and thence
west 38 rods, thence North 83 rods, thence east 38 rods, thence south 83
rods to the place of beginning.

ENTERED FOR TAXATION
TRANSFER BOOK 232
BOOK 5 PAGE 232
11-7-1996
CHARLES A. SHERIDAN
County Auditor

Grantors do hereby Covenant with grantees, and successors in interest, that grantors hold the real estate by title in fee simple; that they have good and lawful authority to sell and convey the real estate; that the real estate is Free and Clear of all Liens and Encumbrances except as may be above stated; and grantors Covenant to Warrant and Defend the real estate against the lawful claims of all persons except as may be above stated. Each of the undersigned hereby relinquishes all rights of dower, homestead and distributive share in and to the real estate.

Words and phrases herein, including acknowledgment hereof, shall be construed as in the singular or plural number, and as masculine or feminine gender, according to the context.

STATE OF IOWA Dated: November 1, 1996

On this 1st day of November, 1996, before me, the undersigned, a Notary Public in and for said State, personally appeared Jeffrey T. Iburg and Paula A. Iburg, husband and wife.

to me known to be the identical persons named in and who executed the foregoing instrument and acknowledged that they executed the same as their voluntary act and deed.

Notary Public
JOHN S. PEAVEY
11-1-1996

THE IOWA STATE BAR ASSOCIATION
OFFICIAL FORM NO. 101FOR THE LEGAL EFFECT OF THE USE
OF THIS FORM, CONSULT YOUR LAWYER

REV 4/11/84

REAL ESTATE TRANSFER	
TAX PAID <input checked="" type="checkbox"/>	
STAMP \$	
\$ 111.20	
RECORDED <i>W. A. Wilke</i>	
6-18-93	Clinton
DATE	COUNTY

4124-93

CLINTON COUNTY, IOWA
OFFICE OF RECORDER

JUN 18 PM 2:34

FEE 10.00

ENTERED FOR TAXES
TAXPAYER'S NAME
BOOK 5, PAGE 269
6-25-93
C. M. & B. B. B. B. B.
County Auditor

RECORDED *W. A. Wilke*
by *Patricia J. Miller*
Deputy



WARRANTY DEED

SPACE ABOVE THIS LINE
FOR RECORDER

For all and other valuable consideration, James W. Manley and Vickie L. Manley,
husband and wife,

do hereby Convey to Clinton County Area Solid Waste Agency

the following described real estate in Clinton County, Iowa:

The West Half (W $\frac{1}{2}$) of the Southwest Quarter (SW $\frac{1}{4}$) of the Southwest Quarter (SW $\frac{1}{4}$) of Section Thirty-four (34), Township Eighty-two (82) North, Range Six (6), East of the 5th P.M., except the West nine and one-half (9 $\frac{1}{2}$) acres thereof.

This conveyance is subject to the agreement between Theodore Gervulf and the Grantors herein, filed May 24, 1976, as Instrument No. 2893-76, in the office of the Clinton County, Iowa Recorder.

Grantors do hereby Covenant with grantees, and successors in interest, that grantors hold the real estate by title in fee simple; that they have good and lawful authority to sell and convey the real estate; that the real estate is Free and Clear of all Liens and Encumbrances except as may be above stated, and without reservation of Warranty and Defend the real estate against the lawful claims of all persons except as may be above stated. Each of the undersigned hereby represents and warrants that he or she is the owner of the real estate and that the words and phrases herein, including acknowledgement hereof, shall be construed as in the singular or plural number and as masculine or feminine gender, according to the context.

STATE OF IOWA
CLINTON COUNTY, IOWA

DATED June 14, 1993

On this 14th day of June, 1993, before me, the undersigned, a Notary Public in and for said State, personally appeared James W. Manley and Vickie L. Manley, husband and wife.

James W. Manley
James W. Manley (Grantor)

Vickie L. Manley
Vickie L. Manley (Grantor)

to me known to be the identical persons named in and who executed the foregoing instrument and acknowledged that they executed the same as their voluntary act and deed.

James W. Manley
James W. Manley Notary Public
(This form of acknowledgement for individual grantor(s) only)

James W. Manley
NOT COME, EXP. SEPTEMBER 15, 1994

101 WARRANTY DEED
Revised June, 1991

REAL ESTATE TRANSFER
TAX PAID

STAMP #

\$ 156.00

RECORDER

DATE 7-2-04

Preparer Information

A. John Frey, Jr.

Individual's Name

408 S. 2nd St.

Street Address

Clinton

City

(563) 242-1832

Phone

CLINTON COUNTY, IOWA
RECORDED

04 JUL -2 PM 2: 04

17.00

6002-04

RECEIVED

07/11/2004

COUNTY ASSESSOR

Address Tax Statement :

SPACE ABOVE THIS LINE
FOR RECORDER



COURT OFFICER DEED

IN THE MATTER OF

THE ESTATE OF

ALLEN BOYD SIEVERS

now pending in the Iowa District Court

in and for Clinton County. Probate No. ESPR013868

Pursuant to the authority and power vested in the undersigned, and in consideration of One* Dollar(s) and other valuable consideration, the undersigned, in the representative capacity designated below, hereby Convey(s) to Clinton County Area Solid Waste Agency

the following described real estate in Clinton County, Iowa:

See Exhibit A attached.

Words and phrases herein, including acknowledgment hereof, shall be construed as in the singular or plural number, and as masculine, feminine or neuter gender, according to the context.

Dated: June 29, 2004

By Paul Allen Sievers
Title Paul Allen Sievers

By _____
Title _____

As _____ *in the above entitled estate or cause. As Executor *in the above entitled estate or cause.

*Executor, Administrator, Guardian, Conservator, Trustee, Referee, Commissioner, or Receiver

STATE OF IOWA, COUNTY OF CLINTON, ss:

On this 29th day of June, 2004 before me, the undersigned, a Notary Public in and for said state, personally appeared Paul Allen Sievers

to me known to be the identical person(s) named in and who executed the foregoing instrument, and acknowledged that such person(s), as such fiduciary(ies), executed the same as the voluntary act and deed of such person(s) and of such fiduciary(ies).



A. JOHN FREY, JR.
COMMISSION NO. 010044
MY COMMISSION EXPIRES
9-22-04

John Frey, Jr.

, Notary Public in and for said State

CLINTON COUNTY PLANNING & ZONING

PAUL KETELSEN-ADMINISTRATOR

329 E. 11TH ST.

DEWITT, IA 52742-1457

PH. 563-659-8148 FAX 563-659-2616

March 30, 2006

To Whom It May Concern:

The Clinton County Area Solid Waste Agency (CCASWA), located at 4292 220th Street, Clinton, is in the process of renewing its Appliance Demanufacturing Permit with the Iowa Department of Natural Resources and has requested verification that the location where the demanufacturing takes place complies with the requirements of the Clinton County Zoning Ordinance.

This property is located within the A-1 (Prime Agricultural) Zoning District. Certain Special Exception Uses are permitted within this district, subject to the approval of the Board of Adjustment. One of the listed Special Exception Uses is:

Sanitary landfill, provided that refuse be covered with dirt daily if it contains raw garbage; that a nuisance due to smoke, odor or blowing of trash and debris shall not be created; that the site shall be restored to a condition compatible with the adjacent area upon conclusion of the landfill operation. A dust free access road shall be provided.

This site was first approved as a site for a Sanitary Landfill by the Board of Adjustment in 1974, with several expansions to that original permit area since that time. Recycling, while not burying trash and garbage which is the "traditional" view of a sanitary landfill, is a requirement of the DNR as a means of reducing the volume of waste going into a landfill. It is my opinion that the recycling operation being performed by CCASWA, including appliance demanufacturing, is part of the approved Sanitary Landfill operation and does comply with the requirements of the Clinton County Zoning Ordinance.

Please feel free to call if you have any questions.

Sincerely,



Clinton County Zoning Administrator

Appliance Demanufacturing Zoning Verification Form

To Whom It May Concern:

I am in the process of applying for an appliance demanufacturing permit through the Iowa Department of Natural Resources. Department permit requirements include conformation from the zoning department that my facility meets zoning requirements for appliance demanufacturing and verification that the property is located above the 100 year flood plain. Iowa Code Chapter 118 states that all appliances must be demanufactured before being recycled or disposed of. Appliance demanufacturing consists of ensuring proper removal and disposal of electrical components containing PCB's, refrigerant, and mercury switches.

My appliance demanufacturing facility is located at:

Name Clinton County Area Solid Waste Agency
Street Address 4292 220th Street
City Clinton, IA Zip code 52732

I request that you please fill out the information below and return to:

Iowa Department of Natural Resources
Energy and Waste Management
Attn: Sue Johnson
502 E. 9th Street, Des Moines, IA 50319
Fax 515-281-8895

Zoning Department

I have reviewed zoning requirements for the property listed above and: (Check all that apply)

- ☒ I verify that the property is located above the 100 year flood plain and is properly zoned for appliance demanufacturing.
- ☐ The property is not zoned correctly and is located in the 100 year flood zone. Please see comments below.
- ☐ The property is not zoned for appliance demanufacturing activity, please see comments below.

Comments:

Zoning Official Signature Paul Hobbs, Clinton County Zoning Administrator

Phone Number 563-659-8149

Date 4-24-09

CCASWA Appliance Demanufacturing Organizational Personnel

Director and Education Coordinator: - Brad Seward – Director of Operations & Education

RCC Supervisor: - Jason Bahnsen – Site Supervisor and Certified Appliance Demanufacturer

Safety Official: - Brad Seward – Director of Operations & Education

Office Manager: - Cindy Howard – Office Manager

Scale Attendant: - Susan Waters – Scale Attendant

Part-Time Scale Attendant:– Lori Temple – Scale Attendant

NOTE: All of the above mentioned personnel are also trained in scale operations and customer interactions. The Scale Attendant is usually the first point of contact for a potential customer.

Section E. : Operator Certification

A. Operator Background:

The CCASWA Site Supervisor handles all items that are received as part of the appliance demanufacturing program. Current Site Supervisor is Jason Bahnsen. Part of his job is supervising the appliance demanufacturing program from beginning to end

B. Certification and Training:

Bahnsen received initial training from the Waste Commission of Scott County. The training included the type and location of components to be removed and how to properly remove them.

Site Supervisor Bahnsen was also certified in 2003 through the IDNR Discarded Appliance Demanufacturing Training, which meets the requirements of IAC Chapter 567-118.6. A copy of the applicable certificate is also attached on the next page.

**Iowa Department of Natural Resources
Energy and Waste Management Bureau**

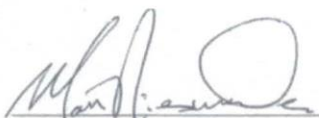
Hereby certifies that

Jason Bahnsen

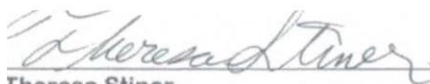
has completed

Discarded Appliance Demanufacturing Training

¹This training meets the requirements of Iowa Administrative Code Chapter 567-118.6



Matt Neiswender
Barker Lemar Engineering Consultants



Theresa Stiner
Energy and Waste Management Bureau

February 6, 2003

Clinton County Area Solid Waste Agency

4292 220th Street
P.O. Box 996
Clinton, Iowa 52733-0996

Office: 563/ 243-4749
Fax: 563/ 242-3611
E-Mail: ccaswa@gmtel.net

EPA Region VII
Mail Code APCOAWMD
901 North Fifth Street
Kansas City, KS 66101

July 29, 2016

To Whom It May Concern:

The Clinton County Solid Waste Agency (CCASWA) has added a second Yellow Jacket Refrigerant Recovery Device to its appliance demanufacturing operation. The supplied Device Acquisition Certification Form is enclosed.

Any questions regarding this equipment may be directed to the contact information below. It should be noted that I will be out of state the week of August 1st. If an EPA representative needs to make contact during said time, then please speak with Site Supervisor Jason Bahnsen by dialing Extension 0 at the phone number listed below and asking for him.

Thank you for your time on this issue.

Sincerely,

Brad Seward



Director of Operations & Education
Clinton County Area Solid Waste Agency
P.O. Box 996 4292 220th St.
Clinton, Iowa 52732
563-243-4749 Ext. 101 Fax: 563-242-3611
e-mail : ccaswa@gmtel.net

CC: File



ENVIRONMENTAL PROTECTION AGENCY REFRIGERANT RECOVERY OR RECYCLING DEVICE ACQUISITION CERTIFICATION FORM

EPA regulations require establishments that service or dispose of refrigeration or air-conditioning equipment to certify that they have acquired recovery or recycling devices that meet EPA standards for such devices. To certify that you have acquired equipment, please complete this form according to the instructions and mail it to the appropriate EPA Regional Office. BOTH THE INSTRUCTIONS AND MAILING ADDRESSES CAN BE FOUND ON THE REVERSE SIDE OF THIS FORM.

PART 1: ESTABLISHMENT INFORMATION

Name of Establishment	Street
Clinton County Area Solid Waste Agency	4292 220th Street
(Area Code) Telephone Number	City State Zip Code
563-243-4749	Clinton IA 52732
Number of Service Equipment Based at Establishment	Country
2 Units	United States

PART 2: REGULATORY CLASSIFICATION

Identify the type of work performed by the establishment. Check all boxes that apply.

- ☐ Type A - Service small appliances
☐ Type B - Service refrigeration or air-conditioning equipment other than small appliances
☒ Type C - Dispose of small appliances
☐ Type D - Dispose of refrigeration or air-conditioning equipment other than small appliances

PART 3: DEVICE IDENTIFICATION

	Name of Device(s) Manufacturer	Model Number	Year	Serial Number (if any)	Check Box if Self-Contained
1.	Yellow Jacket Recover XLT	95760	2005	17331	<input type="checkbox"/>
2.	Yellow Jacket	60	2003	AR1000827	<input type="checkbox"/>
3.					<input type="checkbox"/>
4.					<input type="checkbox"/>
5.					<input type="checkbox"/>

PART 4: CERTIFICATION SIGNATURE

I certify that the establishment in Part 1 has acquired the refrigerant recovery or recycling device(s) listed in Part 2, that the establishment is complying with Section 608 regulations, and that the information given is true and correct.

	7/29/2016	Brad Seward	Director
Signature of Owner/Responsible Officer	Date	Name (Please Print)	Title

Section G.: EPA Notification of PCB Activity

A. Introduction:

Attached on the following pages are the EPA Notification of PCB Activity forms and letters.

USEPA United States Environmental Protection Agency Washington, DC 20460		Form Approved OMB No. 2070-0112
<h3 style="margin: 0;">Notification of PCB Activity</h3>		
Return To: Fibers & Organics Branch (7404T) Office of Pollution Prevention & Toxicity U.S. Environmental Protection Agency 1200 Pennsylvania Ave., N.W. Washington, DC 20460-0001		For Official Use Only
1. Name of Facility Clinton Co. Area Solid Waste Agency	Name of Owner Facility Clinton Co. Area Solid Waste Agency	2. EPA Identification Number of above facility (see 40 CFR 300) <div style="background-color: orange; padding: 2px;"> 181000001234 </div>
3. Facility Mailing Address (Street or PO Box, City, State, & Zip Code) P.O. Box 996 Clinton, Iowa 52733		4. Location of Facility (St., Street, City, State, & Zip Code) 4292 226th, St. Clinton, Iowa 52732
5. Installation Contact (Name and Title) Laura Liegois, Director		6. Type of PCB Activity (Mark "X" in appropriate box. See Instructions.) <input checked="" type="checkbox"/> A. Generator-to-on-site storage facility <input type="checkbox"/> B. Storage of commercial <input type="checkbox"/> C. Transporter <input type="checkbox"/> D. R&D/Manufacture <input type="checkbox"/> E. Approved Disposal <input type="checkbox"/> F. Storage Metal Recovery Chemicals, High Efficiency Distillation
Telephone Number (Area Code and Number) 563-243-4740		
7. Certification <p>Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as a company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.</p>		
Signature 	Name and Official Title (Type or Print) Laura Liegois, Director	Date Signed 3/28/06
<p style="text-align: center;">Paperwork Reduction Act Notice</p> <p>The annual public burden for this collection of information is estimated to average 0.57 hours per response. This estimate includes time for reviewing instructions, searching existing data sources, gathering and maintaining the needed data, and completing and reviewing collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, Collection Strategies Division, U.S. Environmental Protection Agency (mail code 2822), 1200 Pennsylvania Ave., N.W., Washington, D.C. 20460-0001. Include the OMB number identified above in any correspondence. Do not send the completed form to this address. The actual information or form should be submitted in accordance with the instructions accompanying the form, or as specified in the corresponding regulations.</p>		



RECEIVED APR 10 2006

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VII
901 NORTH 5TH STREET
KANSAS CITY, KANSAS 66101

APR 10 2006

Ms. Laura Liegois
Clinton County Sanitary Landfill
4292 220th St
Clinton, IA 52732

Dear Ms. Laura Liegois:

The Environmental Protection Agency (EPA) Region 7 is tasked with assuring compliance with Section 11 of the Toxic Substances Control Act (TSCA), 15 U.S.C. § 2601 et seq relating to compliance with the Polychlorinated Biphenyls (PCB) Final Rule, 40 C.F.R. Part 761. As a demanufacturer of appliances, your facility is also subject to Iowa Administrative Code 567 chapter 118 as well as the federal regulations.

We would like to take this opportunity to provide to you compliance assistance to ensure that you are aware of your responsibility to dispose of PCB containing capacitors and ballasts in a manner that complies with the federal regulations listed.

Attached is a summary of the federal regulations that you must consider when you are demanufacturing appliances. Please review this list with the appropriate personnel and institute any changes to assure that you are complying with the state and federal regulations. For more in-depth review of your responsibilities, please find enclosed a copy of the Federal PCB Regulations, 40 CFR Part 761.

If you have any questions on the federal regulations, you may contact me, James Dworak, PhD at (913) 551-7485 or at dworak.james@epa.gov.

Sincerely

James Dworak
Emergency Planning Assistant
Chemical Risk Information Branch

Enclosure: Summary of applicable PCB regulations
PCB Regulations
PCB Label-MI





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

RECEIVED APR 17 2006

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Laura Liegois
Clinton Co. Area Solid Waste Agency
P.O. Box 996
Clinton, IA 52733

(7404)
April 12, 2006
7720

Subject: Notification of PCB Activity

Thank you for filing the Notification of PCB Activity form dated March 28, 2006 for the facility location listed below:

Clinton Co. Area Solid Waste Agency
4292 220th St
Clinton, IA 52732-

Please be advised that the EPA identification number for the above facility is correctly stated on your form as IAR009001214. This is the number you will use for reporting PCB activity.

If you have any questions regarding the accuracy of the EPA ID number, please call Robert Courtnage at (202) 566-1081.

Sincerely,

Tony Baney, Chief
Fibers & Organics Branch

APPLIANCE DEMANUFACTURING PERMIT: **UNIQUE MARKING SYSTEM**

The Clinton County Area Solid Waste Agency has a regularly practiced system for uniquely marking appliances demanufactured on site.

ALL appliances designed to hold Freon are treated as if the item still contains Freon, regardless of what staff has been told by the customer disposing of the appliance.

Red and/or dark orange paint is routinely used to mark the process that has been carried out on that item. ALL appliances which have been inspected and have had all hazardous materials removed are marked with an "X". All items which have had Freon removed from them, are designated as such through the marking of "CC", which denotes Clinton County.

Below are some examples of the marking system.



OPERATIONS PLAN

Appliance Demanufacturing Facility

CLINTON COUNTY AREA SOLID WASTE AGENCY

AMENDED: November 2003, May 2006, March 2009, March 2024

ADMINISTRATION OFFICES:
CLINTON COUNTY AREA SOLID WASTE AGENCY
P.O. Box 996
CLINTON, IA 52733-0996

PHONE: 563-243-4749 FAX: 563-242-3611

SITE LOCATION: 4292 290th STREET, CLINTON, IOWA

Bradley Seward - Director of Operations and Education

I. Introduction

The Clinton County Area Solid Waste Agency (CCASWA) serves the entire Clinton County area for disposal of solid waste and recycling. Among the recycling programs CCASWA offers is the appliance demanufacturing program. White goods are accepted, collected, and demanufactured on site before the components are recycled through the proper outlets. The following information contains information how CCASWA demanufactures all items received through this program. This section of the permit renewal also contains methods for disposal of accumulated waste.

Site Supervisor, Jason Bahnsen, handles all items that are received through this program. Bahnsen supervises the white goods program from drop off to disposal as part of his duties as Site Supervisor.

II. Training:

Initial training for the Appliance Demanufacturing took place through the Waste Commission of Scott County. The training through Scott County showed the Site Supervisor what items must be removed, the location of said items, and how to remove them from appliances. Site Supervisor Bahnsen was also certified in 2003 through the IDNR Discarded Appliance Demanufacturing Training, which meets the requirements of IAC Chapter 567-118.6. A copy of the applicable certificate is also attached in **Section E.** of this permit renewal document.

III. Personal Protective Equipment:

Safety remains a paramount aspect of all operations at CCASWA. The Appliance Demanufacturing Program is no different. All employees are provided with appropriate personal protective equipment (PPE) for jobs assigned. Examples of PPE commonly used during the handling of appliances for demanufacturing include, but are not necessarily limited to: work gloves, steel-toed boots, and safety glasses.

IV. Acceptance of Appliances:

Appliances received at CCASWA are intended for DISPOSAL ONLY. Sources of these appliances include, but are not limited to: households, businesses, municipalities, and private haulers. The following information includes steps followed during the appliance handling process at CCASWA.

- A. All appliances arrives at CCASWA must be handled in a manner that prevents any release of hazardous or regulated components into the environment. No method of handling shall allow for:
 - 1. Damage to the case which prevents proper appliance disassembly.
 - 2. Cuts or ruptures to refrigerant, evaporator, or condenser lines allowing for refrigerant, sodium chromate, etc. to be released.
 - 3. Crushed or removed compressors
 - 4. Damage to capacitors allowing for the release of PCBs.
 - 5. Damage to mercury containing components allowing release.
- B. All vehicles delivering an appliance to CCASWA must stop at the main office.

- C. The Scale Attendant on-duty will direct the vehicle to the appliance area.
- D. In the event a customer would need assistance, then the Site Supervisor or other employee would assist.
- E. Once unloaded, the appliance will be placed in its normal operating position until inspection and dismantling.

V. Hazardous Component Removal:

The Site Supervisor handles the removal of hazardous components. All appliances are inspected for hazardous components. This proves to be the most accurate and feasible ways for CCASWA to what is in each appliance received for disposal. Each appliance has different and unique components to look for, since each device has different purpose or use.

The following chart shows what appliances and what hazardous components may be present during inspection:

<u>Appliance</u>	Electrolyte Capacitor	Oil Filled Capacitor	Ballast	Mercury Switch	Mercury Thermo Coupler	Refrigerant	Mercury Lamp
Air Conditioner	•	•				•	
Microwave		•					
Washer / Dryer	•			•			•
Refrigerator / Freezer	•			•		•	•
Fluorescent Light Fixture			•				•
Hot Water Heater					•		
Furance		•					
Dishwasher	•			•			
Dehumidifier				•		•	
Humidifier							
Range / Oven					•		•
Trash Compacter	•						
Cooling Unit				•	•	•	

A: Capacitor and Ballast Removal:

1. Regardless of PCB presence, CCASWA policy is to remove all capacitors and ballasts to assure the recycling vendor of a PCB fee appliance.
2. There are two types of capacitors found in appliances:
 - Oil filled
 - Dry Electrolyte

3. Appliances that may contain an oil filled capacitor(s):
 - Air conditioner (one or more capacitors)
 - Microwave oven
 - Fluorescent light ballast
 - Furnace
4. Appliances which predominantly contain dry capacitor(s):
 - Clothes dryer
 - Washing machine
 - Refrigerator
 - Dehumidifier
 - Water Cooler
5. Appliances which typically do NOT contain capacitor(s):
 - Oven / Range
 - Water heater
 - Humidifier
 - Dishwasher
6. Identification:
 - a. Starting Capacitors:
A black casing (bake lite) or outer shell easily identifies starting capacitors. For a dry capacitor, the case is not hermetically sealed or totally enclosed. Dry capacitors have not been known to contain PCBs. Thus they do not have to be handled as such.
 - b. Running Capacitors:
Running capacitors are identified as having rectangular or oval metal casings.
7. Oil filled capacitors and ballasts manufactured after 1979 have "no PCBs" stamped on the casing and may be treated as an electrolyte capacitor or ballast for disposal purposes.
8. Removal of Capacitor:
 - a. Upon locating the capacitor within an appliance, always remember to discharge the capacitor prior to removal.

.....

■ **CAUTION:** :

: A high-quality capacitor can hold a charge for long periods of time. :

: To prevent a painful, shock, the terminals of a capacitor should be shorted out before its removal. :

.....

- b. Air conditioners may have one or two oil filled capacitors. The outer cover of the unit must be removed to access the capacitor(s). One capacitor will be wired to the fan motor and the other to the compressor.
- c. Microwaves have one capacitor located behind the control panel and wired to the transformer. Access the capacitor by removing the outer cover next to the control panel.

- d. Always remove the screws to the clamp, which hold the capacitor in place. NEVER pry against the metal casing or pull on the wires from the capacitor leads. Failure to follow proper removal procedures may result in rupture of the capacitor.
- 9. Fluorescent light ballasts are located in the housing of the light fixture. You have to remove the lamps and unscrew the back panel to access the ballast.
- 10. Dry capacitors are typically attached to the housing of the compressor or the motor. A protective casing must be removed to access the capacitor.
- 11. Once a ballast or capacitor is removed check for the "no PCBs" stamp and the date. If the date is prior to 1979 and the label does not indicate "no PCBs", then place the ballast in the PCB ballast container or the place the capacitor in the PCB capacitor container. If there is no label or no date, then the capacitor or ballast will be treated as if it were PCB containing. If the date is after 1979 or "no PCBs" is stamped on the label, then place the ballast in the NON-PCB ballast container and the capacitor in the NON-PCB capacitor container.
- 12. Record Keeping:
 - a. All activities performed will be recorded on the log sheet, weights and counts of the ballasts and capacitors should be recorded. Once weighed and counted NON-PCB capacitors can be placed in the regular waste stream, NON-PCB ballasts should be placed in the NON-PCB ballast drum, PCB capacitors in the PCB capacitor drum, and the PCB ballasts in the PCB ballast drum.
 - 1) Any PCB spill or leaking capacitor or ballast will be reported and cleanup measures initiated. ONLY employees trained on how to properly respond to a PCB spill should follow procedures outlined in the Section entitled Emergencies.
- 13. Once an appliance has had all hazardous components removed, a large "X" is marked on the appliance.

B: Freon Removal:

- 1. Before the removal process begins the technician must first identify the type of freon in the refrigerant unit to prevent cross-contamination of refrigerants. The type of refrigerant can be found on the compressor of the refrigerant unit. At this time, CCASWA s removing R12, R22, and R134A. The other types of freon will continue to be shipped to and dealt with by the Waste Commission of Scott County. It is possible in the future that CCASWA will expand its program to process other types of freon.
- 2. All equipment fittings, manifold gauges, and piercing tools will be inspected for holes, cracks, and a proper seal to prevent leaks.
- 3. Prior to processing, recovery cylinders will be weighed to determine how much capacity remains. Close monitoring is necessary as the recovery cylinder approaches maximum capacity.
- 4. For safety reasons, gross cylinder weight is determined by adding tare weight plus 80% net capacity weight. Tare weights and water capacity (VVC) weights are stamped on each approved cylinder.

5. Evacuation Process

- a. All evacuations shall be done with the units in their normal operating position or with the face of the unit on the ground.
 - b. All freon containing units will be evacuated in the HHM / Appliance building, which can be heated during the winter months.
 - c. Once the unit is in place, locate the low-pressure line on the compressor. Typically, the low-pressure line is the largest diameter line on the compressor.
 - d. Acquire the appropriately sized piercing tool based on the size of the low-pressure line.
 - e. Secure the piercing tool to the line and attach the appropriate hose to the piercing tool. Once secured, pierce the line and turn the recovery equipment on to extract the freon. The evacuation process is completed when the manifold gauge maintains a negative-ten (-10) inches of mercury vacuum.
 - f. When complete, remove all attachments and cover the piercing hole with a clay plug to prevent the oil from leaking from the compressor.
 - g. Record the number of units inspected and the number extracted on the log sheet.
6. Place the designated markings on the unit for Clinton County, which will be "CC".
 7. Freon will be recovered by Republic in Davenport, Iowa.

Storage of filled cylinders will be in the fireproof building of the Regional Collection Center, which is also where other materials that are demanufactured are stored, until disposal.

C: Sodium Chromate Removal:

In the event CCASWA were to receive an appliance containing sodium chromate, then it would be handled by the Waste Commission of Scott County. This is done because the Scott County facility handles more sodium chromate containing appliances than CCASWA does. The Scott County facility also has the staff to handle those types of appliances.

D: Mercury Component Removal:

1. Mercury containing components are typically found in white goods in one of six ways:
 - As a safety device used in pilot light thermocouples for gas appliances.
 - Chest freezer lid light switches.
 - Fluorescent light bulbs.
 - Some washing machines prior to 1972 (lid stop switch or dynamic balancing switch).
 - Mercury containing thermostats.
 - Mercury containing relays in commercial appliances.
2. Employees will be shown the location of these areas on the appliances and what the mercury devices look like during training.
3. Locate and remove the mercury component. Use care in order to avoid breaking the component during removal.
4. Mark the sides of the appliance with appropriate "X" as outlined in the Marking System Section.
5. Record number of devices, weight, and the number of units inspected on the log sheet.
6. Place the mercury devices in the designated containers located in the HHM Facility.

VI. Marking Systems:

The Clinton County Area Solid Waste Agency has a regularly practiced system for uniquely marking appliances demanufactured on site.

ALL appliances designed to hold Freon are treated as if the item still contains Freon, regardless of what staff has been told by the customer disposing of the appliance.

Red and/or dark orange paint is routinely used to mark the process that has been carried out on that item. ALL appliances which have been inspected and have had all hazardous materials removed are marked with an "X". All items which have had Freon removed from them are designated as such through the marking of "CC", which denotes Clinton County.

VII. Storage:

All hazardous components removed from appliances by the Site Supervisor will be stored in our Regional Collection Center building for household hazardous materials. All materials are stored in 55-gallon metal drums. All drums will be labeled with a drum number, moderate risk label, and DOT hazard class label.

VIII. Disposal:

All hazardous materials removed from appliances at CCASWA will be disposed of through the Regional Collection Center for Household Hazardous Materials. All materials received through this program are currently disposed of through Safety Kleen and / Clean Harbors.

IX. Emergencies:

Clinton County Area Solid Waste Agency, in the event of an emergency would contact:

Fire Police: 911

Medical Information:

Ambulance: 911

MercyOne Medical Center (Hospital): 563-244-5555

1410 North Fourth Street

Clinton, Iowa 52732

A SPILLS:

In the event of a spill, the Site Supervisor will be evaluating the spill, by the materials hazard class. The proper PPE will be put on and the attempt will be made to clean up the spill or contain the spill on site. Once the spill is cleaned up, all materials will be placed in a drum for shipment. The Site Supervisor will determine if the spill is reportable and will contact the Iowa DNR or the EPA, if necessary.

Federal Agencies:

U.S. EPA Region 7 (Iowa, Kansas, Missouri, Nebraska)
901 N. 5th Street
Kansas City, KS 66101
Phone: (913) 551-7003 or (800) 223-0425
EPA Spill or Release Hotline: (913) 281-0991
Fax: (913) 551-7066

State Agencies:

Iowa Department of Natural Resources
502 East Ninth Street
Des Moines, IA 50319
Phone: (515) 725-2800
Fax: (515) 725-8201
IDNR Emergency Response Line: (515) 725-8694

Iowa Department of Natural Resources
Field Office # 6
1023 West Madison Street
Washington, Iowa 52353-1623
Phone: (319) 653-2135 Fax: (319) 653-2856

) Recycling of Scrap Metal from Appliance Demanufacturing Process:

Processed appliances at CCASWA are placed into roll-off containers. The roll-off containers are then taken off-site where the processed appliances are recycled by scrap metal recyclers.

Section J: Contingency Plan

A. Introduction

This is an updated Contingency Plan designed to accompany the permit renewal for the CCASWA Appliance Demanufacturing Facility. This document will address several potential emergency related scenarios.

B. Failure of Utilities

Short Term: If electrical problems or failure occurs, then operations could continue since light could be provided through two doors on each building, which could be opened for illumination.

Long Term: If electrical problems or failure occurs for a long-term period, then battery operated lanterns could be used in the buildings, along with keeping doors open for illumination.

C. Weather Related Events

- a. **Tornado / Windstorm:** If a tornado or windstorm occurs, then potential damage could also take place at the appliance demanufacturing facility at CCASWA. However, the storage buildings are fireproof and are made out of cement. Potential damage could occur to the metal canopy roof between the two storage buildings. The fixed site storage building is where storage of PCBs and hazardous components occur.

All facilities have the ability to find out information about weather conditions. In the event a tornado warning is issued for a facility, then personnel at said facility are advised to take shelter immediately. Personnel at each site should promptly report to their scale facility for shelter and adhere to the following procedures.

Terminology:

- **Tornado Watch:** *Tornadoes are possible.*
- **Tornado Warning:** *A tornado has been sighted or indicated by weather radar.*
- **Down Burst:** *A strong out rush of wind formed by rain-cooled air. Strong down bursts, which produce extensive damage, are often mistaken for tornadoes. A downburst can easily overturn a mobile home, tear roofs off, and topple trees.*
- **Winter Storm Watch:** *Indicates that severe winter weather may affect the area.*
- **Winter Storm Warning:** *Indicates that severe winter weather conditions are imminent*
- **Blizzard Warning:** *Indicates that large amounts of falling or blowing snow and sustained winds of at least 35 MPH are expected for several hours.*

Tornado Watch Procedures

- Watch the sky and listen to radio or television for more information.
- Locate emergency supplies such as battery-powered radio, flashlight telephone, and spare batteries.
- Be prepared to take shelter in designated tornado shelter should tornado warning occur.
- If any revolving funnel-shaped clouds are observed, then immediately report them by telephone to local law enforcement.
- If in a trailer or similar structure, move to a more secure location.

Tornado Warning Procedures

- Take shelter in the designated tornado shelter or an interior room or hallway with a battery-powered radio, flashlight, etc.
- If unable to reach the tornado shelter, then go to a crawlspace under the scales or to an inside hallway on the lowest level. Avoid spaces with wide-span roofs. Stay away from windows and open spaces. Get under a piece of study furniture (work bench, desk, etc.) and hold onto it.
- Turn on battery-powered radio or television, and wait for the "all clear" announcement by authorities.
- If outdoors, then, if possible, get inside a substantial building. If shelter is not available or there is no time to get indoors, then lie in a ditch, culvert, or low-lying area or crouch near a strong building. Use your arms to protect your head and neck. Be alert for potential flash flooding.
- If in a vehicle, then do NOT attempt to outrun the tornado.
- Rain, hail, wind, traffic and/or debris may impede movement.
Tornadoes can quickly and easily lift vehicles and toss them through the air. Pull off to the side of the road and avoid areas with trees, power lines, and other objects that could fall or be hazardous.
Exit the vehicle immediately and try to take shelter in a nearby building. If there is no time to get indoors, then exit the vehicle and lie in a ditch, culvert, or low-lying area away from the vehicle. Use your arms to protect your head and neck. Be alert for potential flash flooding.

Procedures After a Tornado

- Try to get out of damaged buildings. Once out, do not re-enter unless necessary. Use great caution.
- Extinguish all smoking and small fires.
- Monitor the radio and television for emergency information or instructions.
- Account for personnel and known guests/customers/contractors; check on neighbors who may require special assistance.
- Check for injured people. Render first aid if necessary. Call necessary emergency responders.
- Do not attempt to move severely injured victims, unless necessary. Wait for emergency medical assistance to arrive.
- Look out for broken glass, sharp objects, and downed power lines.

- Check for electrical system damage. If you see sparks or broken or frayed wires, or if you smell hot insulation, then turn off electricity at the main fuse or circuit breaker boxes. If you have to step in water to get the fuse box or circuit breaker, then call an electrician first for advice.
 - Use the telephone only for emergency calls as telephone lines may be down. Mobile phone service may also be for emergency calls.
 - Take photos or videotape of damaged property. Also, document damage.
 - Report any spills to proper authorities, including the IDNR.
 - If driving, then stay alert for hazards in the roadway.
 - If unaffected by the tornado, stay out of the damaged area until allowed in by officials as your presence may hamper emergency operations.
- b. **Intense Rainstorms and Erosion:** The facility would not be affected by intense rain or erosion for the operations. In the event an intense rainstorm would cause erosion around the buildings, staff would address this problem as soon as possible.

Terminology:

Severe Thunderstorm Watch: *A severe thunderstorm (damaging winds of 58 MPH or more, or hail $\frac{3}{4}$ inch in diameter or greater) is likely to develop.*

Severe Thunderstorm Warning: *A severe thunderstorm has been sighted or indicated by weather radar.*

Thunderstorm Procedures

- Locate a safe place, such as the designated tornado shelter.
- Watch the sky
- Assign somebody to listen to battery-powered radio or television for more information.

Thunderstorm Warning Procedures

- Go to a safe place.
- Turn on a battery-operated radio or television, and wait for the "all clear" by authorities.
- Tornadoes and flash floods can occur during thunderstorms. When a "severe thunderstorm warning" is issued, review what actions to take in case of a "tornado warning" or a "flash flood warning".

Procedures After a Thunderstorm With Lightning Strikes

- Check personnel, guests, customers, and contractors for injuries.
- Report downed utility wires.
- Check scale for proper operation. If the electricity is out, then refer to the section about Short-Term Utility Failure.
- Continue to listen to the radio/television for flash flood and/or tornado watches and warnings and other instructions or advice.
- Report any spills to proper authorities, including the Department of Natural Resources.

Lightning Strike Victim

- A person who has been struck by lightning does not carry an electrical charge that can shock other people.
- If the victim is burned, then provide first aid and call emergency medical assistance (911) immediately. Look for burn where lightning entered and exited the body.

- c. **Lightning Strikes:** If lightning were to strike at or close to the facility, then staff should make certain are no injuries. If an injury were to occur, then 911 would be called for emergency assistance.

After the lightning, personnel will assess damage that has taken place. If lightning has caused a fire, then the local fire department will be immediately be called to the facility. If damage is minor, then personnel will make necessary repairs and return to normal operations as soon as possible.

Lightning Safety Tips

- No place is risk free from lightning strikes.
- Large enclosed structures are generally safer places to be during lightning than smaller or open structures.
- When outside during lightning avoid high places and open fields, isolated trees, unprotected sheds, communications towers, flagpoles, light poles, metal fences, and water.
- When inside during lightning avoid unnecessary telephone use, contact with water or conductive surfaces with exposure to the outside such as metal door or window frames, electrical wiring, telephone wiring, cable TV wiring, plumbing, etc.
- Enclosed vehicles, fully enclosed farm vehicles, etc. with windows rolled up, generally provide *some* shelter from lightning. Avoid contact with metal or conducting surfaces outside or inside of the vehicle. If available, then a safer choice of shelter is indoors.

Lightning Strike Victim

- A person who has been struck by lightning does not carry an electrical charge that can shock other people.
- A nearby strike may also cause medical problems, check personnel and call 911 if necessary.
- If the victim is burned, then provide first aid and call emergency medical assistance (911) immediately. Look for burn where lightning entered and exited the body.

- d. **Flooding:** Flooding is highly unlikely at the appliance demanufacturing facility, due to the locations of the buildings. However, in the event a flood did occur, sandbags would be placed around buildings to prevent water from entering. Any electrical equipment will be moved to an elevated location. Equipment will have sandbags placed around it to also prevent water from entering.

As soon as flood waters begin to recede, personnel should inspect the facility for damage, clean up damage using necessary equipment and return the facilities to normal operations to receive materials as soon as possible.

Terminology:

Flash Flood Watch: *A flood is possible, be alert to signs of flash flooding, and be ready to evacuate. Know the local terrain, flash floods can happen more quickly in hilly terrain or low-lying areas.*

Flash Flood Warning: *A flood is already occurring and will occur soon in your area, listen to local radio and television for local information and advice.*

Flood Damage Prevention Procedures

- Move key documents, electronic files, computers, etc. to higher ground or take them with you if you must evacuate.
- Review evacuation procedures with employees.
- If necessary, attempt to build earthen dams or sand bag dikes to protect buildings and property.
- Turn on battery-operated radio or television to get the latest emergency information.
- If told to leave, then do so immediately.

Procedures During a Flood

- Evacuation may be necessary. If advised to evacuate, then do so immediately.
- Never drive through a flooded area or around road barricades
- In case employees are separated from one another during floods or flashfloods, each employee shall contact the Director of Operations and Education so all employees can be accounted for.
- Evacuation is much simpler and safer before floodwaters become too deep for ordinary vehicles to drive through.
- Listen to battery-operated radio or television for evacuation instructions.
- Follow recommended evacuation routes - shortcuts may be blocked.
- Leave early enough to avoid being marooned by flooded roads.
- **If Outdoors:** Move or climb to higher ground and stay there. Avoid walking through floodwaters.
- **If In A Vehicle:** Never drive into a flooded area or around road barricades. If you come to a flooded are, then turn around and go another way. If your vehicle stalls, then abandon it immediately and climb to higher ground.

Procedures After a Flood

- Return to the area only after it has been declared safe by local emergency management officials. Follow all emergency rules, laws, and regulations.
- Report and stay clear from downed or loose power lines and/or damaged utilities.
- Do not use appliances or motors that have gotten wet unless they have been taken apart, cleaned, and dried.
- Be alert for gas leaks. Use a flashlight to inspect for damage. Do not smoke or use candles, lanterns, or open flames unless you are sure gas has been turned off and the area has been aired out.
- Look for fire hazards - broken or leaking gas lines, flooded electrical circuits, submerged furnaces or electrical appliances, flammable or explosive materials coming from upstream.
- Service damaged septic tanks, cesspools, pits, etc. as soon as possible.
- Document damage for insurance purposed by taking notes and/or photographs.

Structural Stabilization: Temporary Measures

- Identify potential deficiencies and provide temporary shoring to protect life and property while water levels are receding.
- Support unstable or leaning structures of features with temporary bracing or reinforcement.
- Strengthen exposed foundations or brace areas of undermining.
- Brace and strengthen decayed or damaged floor or ceiling structure. Check bearing locations or movement or settlement.

Check For Large Scale Erosion

- Immediately cover any eroded areas exposing waste.
- Identify and repair access roads, approach ramps, and internal roads affected by erosion.
- Identify and repair let-down structures, berms, and terraces affected by erosion.

If A Spill is Identified

In the event of a spill, the Site Supervisor will be evaluating the spill, by the materials hazard class. The proper PPE will be put on and the attempt will be made to clean up the spill or contain the spill on site. Once the spill is cleaned up, all materials will be placed in a drum for shipment. The Site Supervisor will determine if the spill is reportable and will contact the Iowa DNR or the EPA, if necessary. ALSO:

- Notify the Director of Operations and Education of the type and amount of material spilled.
- Assess the type and quantity of the spilled material to determine if outside assistance is required.
- If outside assistance is necessary, then contact the appropriate emergency services and agencies, including the Department of Natural Resources.
- If no outside assistance is required, then immediately stop the flow by closing the open valve, setting the container upright, plugging the leak, etc.
- Deploy the appropriate waste spill kit tools to prevent materials from exiting the household hazardous materials storage area, mixing with incompatible materials, or spreading further.
- Use extreme caution while managing a hazardous spill. A severe weather event may cause more than one material to spill - multiple materials may pose a serious hazard if they are exposed to one another.

D. Fire and Explosions

Basic Fire Safety

- The site will comply with local and state fire codes to the best knowledge of staff - including placement and maintenance of fire extinguishers, etc.
- Keep exit routes clear and well-marked.
- If smoking is allowed indoors, then make sure ashes and smoking materials are completely extinguished before disposal. Never leave hot ashes or burning tobacco products unattended. Before leaving the office, make sure all tobacco products are thoroughly extinguished.
- Avoid using extension cords wherever possible, especially small-wired cords used with high-wattage appliances.
- Extension cords should not be run under rugs or hooked over nails.
- If a fuse blows (or breaker trips), then find the cause. Remove excess appliances from a breaker circuit that frequently trips.
- Discard food that has been exposed to heat, smoke, or soot.
- Give first aid where appropriate.
- Stay out of damaged buildings.
- Return to facilities affected by fire only when fire authorities say it's safe.

- a. Waste Materials:** Materials received at the facility are appliances. In the event fire broke out, the building does have a fire extinguisher.
1. Priority should be given to removing victims from the fire area and rendering first aid in the event of injuries.
 2. All persons should be out of the area, except :firefighting personnel.
 3. Use the fire extinguisher to smother fire, if the fire is to be known as small. Do not fight the fire for more than one minute without notifying somebody else about it.
 4. Use two-way radios or phones, if unaffected, to notify the office of the fire and to have the fire department called.
 5. Dispatch someone to the facility entrance to the fire department to the incident scene.
 6. Seal off the area. Do not allow customers and non-essential personnel in the fire area.
 7. Evacuate all personnel from the fire area immediately, without making the effort to extinguish flames if,
 1. Chemicals, chemical containers, or chemical odors are present.
 2. Dizziness, blurred vision, nausea, or fainting occurs.
 3. Attempts to extinguish the fire only intensify the flames.
 4. The color of flames is anything other an orange-yellow flame.
 8. Inform the fire department, when it arrives, if any of the above conditions occur, fully describing the circumstances. If the Fire Chief or Fire Marshal feels it necessary, he/she may call Regional, State, or National Response Centers.
- b. Building and Site:** In the event of a fire in any of the buildings or at any of the sites, always take the following actions, regardless of the size of the fire.
1. Call the fire department. Give the dispatcher the location of the fire and type of fire, if known. If you are unable to call, then get somebody else to call.
 2. Try to put out the fire with extinguishers. Aim the extinguisher at the base of the flames.
 3. Remove nearby flammable materials such as paper, drapes, rags, etc.
 4. Close all doors and windows to prevent drafts.
 5. Evacuate any occupied structure in accordance with the evacuation plan.
- c. Engine Fires:** All motorized equipment should have a fire extinguisher. If a fire in the machine is observed, then the operator should immediately move the machine away from buildings, turn off the ignition, and park the machine, if possible. If the fire can be controlled safely with a fire extinguisher, then staff can attempt to extinguish the fire, aiming at the base of the flames. If the fire is out of control, then the fire department should be contacted immediately.

- d. **Fuels:** In the event that a fuel fire occurred, use a fire extinguisher or a hose with a fog nozzle to put out the fire. Do not use a stream of water (such as a hose without a nozzle), which can spread the fire.

General Safety

- Vapors from fuels can be more flammable than liquid, always use caution when filling vehicles or containers.
- Equipment should be refueled only at designated locations.
- In case of spillage, filler caps shall be replaced, and spillage cleaned and disposed of before engines are started.
- Engines shall be stopped and operators shall not be on equipment during refueling.
- Smoking and open flames are prohibited in areas used for fueling, fuel storage, or enclosed storage of equipment containing fuel.
- Liquid fuels not handled by pumps shall be handled and transported only in portable contained or equivalent means designed for that purpose. Portable containers shall be metal, have tight closures with screw or spring covers and shall be equipped with spouts or other means to allow pouring without spilling. Leaking containers shall not be used.

Procedures For Fighting Fuel Fires

- If using an extinguisher, then aim at the base of the flame
- If using a fog nozzle, then try to smother the fire, by aiming above it.
- Stay well clear of above ground fuel storage tanks in case of explosion
- Call the fire department, if necessary.

e. **Utilities:**

1. Electrical Fire: If an electrical fire were to break out, then the electrical company for the facility would be contacted and the following steps taken.
 1. Shut off power
 2. Use dry-type extinguishers (rated Class C) only. DO NOT USE WATER on electrical fires.
 3. Remove nearby flammable materials such as paper, drapes, rags, etc.
 4. Evacuate all unnecessary personnel.
 5. Do not try to pick up and move wires or electrical devices involved in the fire.
 6. Do not touch metal objects in contact with wires or electrical devices involved in the fire.
2. Propane Gas Tank
 1. Call Fire Department.
 2. Use alarm systems and leave the area immediately
 3. CAUTION: Exploding tanks may eject pieces of the tank several hundred feet. These pieces can be lethal.
 4. The Fire Department may allow the tank to burn itself out.
 5. Contact the Director or Operations and Education.

f. Facilities: In the event of fire at the facility always take the following actions regardless of the size of the fire.

1. Call the fire department. Give the dispatcher the location of the fire and type of fire if known. If unable to call, get somebody else to call.
2. Try to put out the fire with extinguishers. (Only if it's possible and a small Fire.)
3. Close all doors and windows to prevent drafts.
4. Evacuate any occupied structure in accordance with the evacuation plan.

g. Working Area: If a fire were to break out in a working area or building, then directions under the buildings section would be followed.

1. Understand and be aware of the warning signs.
2. Always report any visible smoke or steam to the Director.
3. If in doubt about a possible fire or signs call the fire department.

IF A FIRE IS IDENTIFIED

- Control access and site security
- Establish radio communications with fire, public safety, and facility personnel.
- Utilize Alarm Systems, if necessary.
- First Aid Should be available on site.
- Warning fences and/or barricades should be placed around trenches dug as fire breaks.
- Spotters should be used to assist equipment operators.

h. Evacuation:

In the event that a major fire would take place at the facility, all personnel would be instructed to leave the area immediately. They would be advised to go to the directed areas at each location. The evacuation zone would be far enough away from the flames and smoke.

- Use alarm systems and leave the area immediately.
- Call the Fire Department.
- Contact the Director of Operations and Education.

E. Equipment Failure:

In the event of equipment failure, loss, break down, damage, etc. the following procedures would be followed:

- a. Repair or Replacement:** Appliances would be temporarily stored until proper demanufacturing equipment became available through repairs to existing equipment or replacement of said equipment. This would allow only minor accumulation of appliances to be demanufactured. Other options would be pursued under circumstances of longer-term failure.
- b. Long-term Equipment Failure:** In the case of longer-term failure of equipment, then the facility would likely transport accumulated appliances to another certified demanufacturing facility (preferably within the planning area) for proper demanufacturing and processing.

F. Regulated Waste Materials

- a. Waste Materials:** Waste materials are materials normally accepted and are also regulated wastes. In the event that a spill was to occur from appliances being left for disposal the following actions would take place.
1. All vehicles must do the following to help prevent spills from affecting the environment. All vehicles unload on a concrete area at the front of the RCC building.
 2. If a spill were to occur and is a non-hazardous spill:
 1. Contain the material with appropriate spill containment equipment provided on site. Absorb the material and dispose of in an appropriate non-hazardous waste disposal stream.
 2. Clean the spill area with a standard soap and water wash and mark area until dry.
 3. If the spill were to occur and is a hazardous spill:
 1. Notify the site manager or senior site personnel that a spill has occurred. Collection operations will cease until the appropriate remediation actions have been completed.
 2. The material will be evaluated as to its hazard class, the appropriate personal protective equipment will be placed on, and an attempt will be made to contain the material on site.
 3. After the material has been contained, neutralized, and solidified, containment materials and equipment will need to be sterilized. Materials used that can be disposed will be placed in the appropriate containers and held for shipment to a hazardous waste facility.
- b. Leachate:** The appliance demanufacturing facility does not generate leachate and it is not an issue.
- c. Waste Gases:** Waste gases are not a problem for the appliance demanufacturing facility.
- d. Litter and Air Borne Particulates:** If there is any litter from the facility, then it is picked up at the end of each working day. All litter is placed in a disposal container and placed in the landfill. Air borne particulates, such as dust, are not an issue at the facility.
- e. Site Drainage Systems:** A storm water drain is used to help keep storm water away from buildings and the drop off area.
- **Flood or Heavy Rain/Wet Situations:** If regulated wastes enter drainage systems, use great caution removing the wastes - flowing water can have extreme force.
 - **Non-Flood and Non-Heavy Rain/Wet Conditions:** Prevent the waste from washing away beyond the property boundary; remove wastes as soon as possible.
- f. Off-site Releases:** This does not apply to the RCC facilities. All materials are handled within their site location.

G. Hazardous Waste Materials

- a. **Load Monitoring:** Load monitoring is performed periodically by facilities to identify banned materials, including appliances.
 1. If a waste load is identified as containing banned or unacceptable materials, including appliances are identified, then staff will use professional judgment to determine proper handling procedures. Most likely these materials will be transported to the appliance demanufacturing area.
 2. If necessary, then contact the Director of Operations and Education. If necessary, then the State will be contacted.
- b. **Mixed Waste Deliveries:** Materials delivered to the program may have other materials, such as waste that needs to go to the recycling center or landfill. Staff will make sure hazardous components are disposed of properly and separated from items to be disposed of through recycling or landfilling. All other materials will be delivered to their designated areas.
- c. **Fuels / Oils:** If a fuel is spilled, then staff would use proper spill kits or absorbent materials to clean up. After use, clean up materials would be treated and disposed of properly. If the spill is large, then staff would report the situation to the appropriate authorities.

If a Fuel Spill Occurs:

 - Stop the flow of material if possible, using valves or switches.
 - Do not smoke.
 - Do not move vehicles over the spilled material, as these could create a spark or ignition hazard.
 - If necessary and if possible, then construct a dam or similar structure to help contain the spill.
- d. **Site Drainage Systems:** A storm water drain is available to keep storm water away from buildings and the drop off area. In the unlikely event hazardous materials were to enter drainage systems, then the following procedures would be followed.
 - **Flood or Heavy Rain/Wet Situations:**
 - Call 911 to alert authorities of the potential presence of hazardous materials.
 - Contact the Director
 - Contact County Emergency Management Official(s).
 - Contact the State of Iowa.
 - Emergency / Hazardous Material professionals will provide assistance to minimize the risk downstream.
 - **Non-Flood and Non-Heavy Rain/Wet Conditions:** Prevent the waste from washing away beyond the property boundary. Get assistance before attempting to remove wastes. Assistance should be obtained from trained professionals.

- e. **Off-site Releases:** All materials are handled within their site location. In the unlikely event of an off-site release the following procedure would be followed.
- If necessary and if possible, then construct a dam or similar structure to reduce the spread of contamination. Avoid contact with the material.
 - Should a spill leave property, staff will notify a hazardous material professional. The trained hazardous material professional will supply needed resources and help take charge of the response effort.
 - Call 911 to alert authorities of the potential presence of hazardous materials off-site.
 - Contact the Director
 - Contact County Emergency Management Official(s).
 - Contact the State of Iowa.
 - See information for reporting hazardous conditions to the State.

H. Mass Movement of Land and Waste

- a. **Earthquakes:** An earthquake is unlikely to happen at any of our facilities in Eastern Iowa, but could be possible. In the event an earthquake would happen all employees should follow procedure.

During an Earthquake:

- Duck, cover, and hold. If you are inside, then crawl under a heavy piece of furniture and hold on or get under a doorframe.
- If outside, then stay in an open area.
- If you are in a car or equipment, then stop driving and be alert for falling objects.

After an Earthquake:

- Check for injuries.
- Get out of a building that appears to be structurally unsound - do not re-enter that building. If the building is evacuated, then go to the Emergency Assembly Point and account for personnel, contractors, and guests.
- Listen to a battery powered radio for further instructions.
- Be aware for broken glass and other sharp objects on the floor or ground.
- Be aware of material overhead that could fall.
- Check water, gas, and electric lines for damage (natural gas odor) and see information on utilities.
- Check facilities for damage. Staff should assess damage and begin clean up and repair of facilities for operations.
- Do not use matches or smoke.
- Avoid using telephones except for emergencies.
- Do not go sightseeing.
- Expect aftershocks, especially after larger earthquakes.
- Have the scale checked and re-certified by a qualified technician.
- Contact the Director.

I. Emergency and Release Notifications and Reporting : Clinton County Information

a. Federal Agencies:

U.S. EPA Region 7 (Iowa, Kansas, Missouri, Nebraska)
901 N. 5th Street
Kansas City, KS 66101
Phone: (913) 551-7003 or (800) 223-0425
EPA Spill or Release Hotline: (913) 281-0991
Fax: (913) 551-7066

b. State Agencies:

Iowa Department of Natural Resources
502 East Ninth Street
Des Moines, IA 50319
Phone: (515) 725-2800
Fax: (515) 725-8201
IDNR Emergency Response Line: (515) 725-8694

Iowa Department of Natural Resources
Field Office # 6
1023 West Madison Street
Washington, Iowa 52353-1623
Phone: (319) 653-2135 Fax: (319) 653-2856

Iowa Department of Public Health
321 E. 12th Street
Des Moines, IA 50319-0075
(515) 281-7689

Iowa Department of Transportation
800 Lincoln Way
Ames, IA 50010
(515) 239-1101

Iowa Workforce Development
1000 East Grand Avenue
Des Moines, IA 50319
(515) 281-5387 or (800) JOB-IOWA

c. County and City Agencies:

Fire Department - 911

Ambulance - 911

Hospital: Mercy Medical Center (North Campus) - 563-244-5555

1410 N. Fourth Street

Clinton, Iowa 52732

- o Estimated Drive Time: 15 minutes
- o Directions to Hospital: Turn left on 220th Street, which becomes 13th Avenue North inside Clinton city limits. Turn left at North Third Street (a one-way street), go one block and turn left onto 14th Avenue North. Go one block to entrance of Mercy Medical Center (North Campus) at 14th Avenue North and North Fourth Street.

Sheriff's Department - 911

Emergency Management Coordinator: Chance Kness- (563) 242-5712

d. News Media:

All local media will have contact with CCASWA's Director of Operations and Education, Brad Seward. Mr. Seward will keep the media informed with up to date with available information and facts about situations.

Newspapers:

Clinton Herald: (563) 242-7101

Quad City Times: (800) 437-4641

DeWitt Observer: (563) 659-3121

Radio Stations:

KMCN / KCLN Radio (563) 243-1390

KROS Radio: (563) 242-1252

TV Stations (within 30 minutes of Clinton County)

KWQC TV 6 : (563) 383-7000

KLJB Fox 18: (563) 386-1818

WHBF CBS 4 : (309) 786-5441

WQAD TV 8 : (309) 764-8888

e. Public and Private Facilities with special populations within 5 miles:

See attached list and map of special populations within 5 miles of CCASWA.

f. Emergency Response Agencies and Contact Information

Fire Department - 911

Ambulance - 911

Hospital: Mercy Medical Center (North Campus)- 563-244-5500

Sheriff's Department - 911

Emergency Management Coordinator: Chance Kness-(563) 242-5712

Notification of Agency Personnel List:

- Brad Seward – Director of Operations and Education
 - (Work) (563) 243-4749 (Cell) (563) 249-2732
- Jason Bahnsen – Site Supervisor
 - (Work) (563) 243-4749 (Cell) (563) 249-3843
- Cindy Howard – Office Manager
 - (Work) (563) 243-4749 (Cell) (563) 593-7381

G: Reporting Requirements and Forms:

In the event of a major incident, CCASWA would contact necessary agencies and fill out all forms that are needed.

J. Emergency Waste Management Procedures

a. Communications:

1. **Internal Emergency Communications:** The following systems of communications are recommended in an emergency.
 - Telephones are available in at least one building at each facility. Familiarize yourself with phone locations.
 - Cellular telephones are not necessarily provided by each facility; however, person cellular telephones may be available for use in an emergency.
 - Two-way radios are available at some facilities.
 - Honking horns can be used to indicate an emergency.
 - Personal communication can also be used to communicate an emergency.
 - If an alarm system is present the employer shall establish and educate employees regarding said system.
2. **External Emergency Communications:** All communications with the local media, governments, state, and federal agencies will take place by CCASWA's Director of Operations and Education. He/she will inform the above entities of what is happening and what is being done to control situations.

b. Temporary Discontinuation of Services:

1. **Short Term** – In the event the facility cannot continue services for a short amount of time, materials could be stored, until demanufacturing and processing could restart.
2. **Long Term** – In the case of longer-term failure of equipment, then the facility the facility would likely transport accumulated appliances to another certified demanufacturing facility (preferably with the planning area) for proper demanufacturing and processing.

- c. **Facilities Access and Routing:** In the event that the appliance demanufacturing facility could not accept materials, public notice would be given to all the media. Signs would be posted at the facility. Information on what residents are to do would be included in all information handed out.
- d. **Waste in Process:** All materials accepted are placed in totes, until they can be bulked or lab packed for disposal. Materials will then be shipped for disposal with a chemical disposal company. During an emergency the following guidelines should be observed.
- During an emergency, safety to human life is a priority.
 - Wastes being left, processed, or handled must be left in place until the threat to human life greatly reduced.
 - If an emergency does not threaten human life, the Director will decide how best to manage wastes in process depending on the emergency circumstances.
 - When the threat to human life is greatly reduced, the waste should be processed according to the facility's permit.

J. Primary Emergency Equipment Inventory:

Personnel should be aware of what materials would be critical during an emergency and should have these items on hand or know exactly where to get them on a moment's notice, from their experiences of day-to-day operations and maintenance routines.

In the event of an emergency, example fire, the local fire department would have the source of a fire truck and emergency equipment that would be needed.

Below is a list of a number of the emergency supplies that would be available for use by employees in appropriate situations:

- Flashlights or electric lanterns (with extra batteries)
 - Portable radio (possibly a battery-operated radio)
 - Air horn, vehicle horn, or emergency communication device (two-way radio)
 - Extra batteries
 - First-aid kit
 - Wrench or tools for emergency valve shut off
 - Fire extinguishers
- a. **Fire Hydrants and Water Sources:** All buildings have fire extinguishers in them. There are no fire hydrants on site at any of the facilities.
- b. **Off-site Equipment Resources:** The equipment that would be used from an off-site location would be brought by either the emergency response or fire department that would arrive to help as needed.

c. Emergency Aid:

Responder Contacts:

Clinton County: Low Moor Volunteer Fire Department is CCASWA's primary responder. If the fire or circumstances become too powerful to handle by them, then other local departments would be called in. These departments could include:

- Clinton Fire Department
- Camanche Fire Department
- Charlotte Fire Department
- DeWitt Fire Department
- Goose Lake Fire Department

Medical services will be handled through 911. The Andover Ambulance serves the area CCASWA is located in.

The Emergency Coordinator for our area is Chance Kness, who can be reached at (563) 242-5712.

L. Emergency Training Requirements:

- a. Training Providers:** The facility does send out information regarding wide issues, including safety.
- b. Employee Orientation:** The Director is responsible for giving employee orientation on safety about emergency plans.
- c. Annual Training Updates:** Staff members attend safety sessions multiple times each year. This results in knowledge of safety practices for CCASWA personnel. Safety information is disseminated to employees at monthly safety meetings.
- d. Training Completion and Record Keeping:** All personnel who attend safety meetings are required to sign at each session. This information is kept on file of who was there and the date. On field, there are also any quizzes and test that were taken.

Closure/Post Closure Plan

APPLIANCE DEMANUFACTURING FACILITY

Clinton County Area Solid Waste Agency
March 2024

Administration Office:
Clinton County Area Solid Waste Agency
P.O. Box 996
Clinton, Iowa 52733-0996

Site location: 4292 220th. Street, Clinton, Iowa

Responsible Official: Brad Seward - Director of Operations and Education

1. Closure/Post Closure Requirements

All closure requirements will be accordance with the Iowa Administrative Code 567-118.14

Appliance demanufacturing facility closure requirements. *An appliance demanufacturing facility shall submit to the department central office and department field office with jurisdiction over the appliance demanufacturing facility written notice of intent to permanently close the facility at least 90 days before closure. Closure shall not be official until the department field office has provided written certification of the completion of the following activities:*

- Removal of all appliances that have not been demanufactured.*
- Proper disposal of all refrigerant, PCBs, mercury and all hazardous materials.*
- Submission of an annual report covering January through the last disposal of hazardous materials, PCBs and refrigerant.*

CLOSURE COMPLIANCE PLAN:

CCASWA will notify the Iowa Department of Natural Resources and Field Office #6 at least 90 days before the date the facility is expected to close.

All appliances that have not been demanufactured before the closure date will be taken to another certified appliance demanufacturer, preferably within the designated planning area.

Proper disposal of all refrigerant, PCBs, mercury, and hazardous components / materials will take place within standard disposal time regulations from date of closure.

A final annual report will be submitted to DNR for PCB and refrigerant disposal dates and data. The report shall include data accumulated from January of said year until the date of last disposal.

November 20, 2023
File No. 27223133.00

Mr. Bill Blum
Iowa Department of Natural Resources
Land Quality Bureau
Wallace State Office Building
502 E 9th Street
Des Moines, IA 50319-0034

Subject: 2023 Financial Assurance
Clinton County Sanitary Landfill-East
Permit No. 23-SDP-01-74P

Dear Bill:

SCS Engineers, on behalf of the Clinton County Area Solid Waste Agency (Agency), has completed the enclosed Iowa Department of Natural Resources (DNR) Municipal Solid Waste Sanitary Landfill Financial Assurance Annual Report Form for the Clinton County Sanitary Landfill-East (Landfill) for the year 2023.

No cell construction or closure activities have occurred since the 2022 closure, post-closure, and corrective action cost estimates were prepared; therefore, the previously certified cost estimates were utilized with the application of the inflation factor as shown below.

Estimate	2022	Inflation Factor	2023
Closure Cost	\$3,549,962	1.063	\$3,773,610
Post-Closure Cost	\$2,067,406	1.063	\$2,197,652
Corrective Action	\$13,260	1.063	\$14,095
Total	\$5,630,628		\$5,985,357

For the South Municipal Solid Waste Landfill (MSWLF) Unit cost estimates, the post-closure period remained 30 years as the Landfill is still open and the corrective action completion period was again assumed to be 10 years. The North MSWLF Unit has 17 years remaining as of 2023. Deposits into the closure and post-closure accounts are required in IAC 567-113.14(8). A cash account is not required for corrective action financial assurance, although the Agency is maintaining corrective action funds within their cash account. This amount has been removed from the balance prior to calculating the 2023 required cash deposit. The balance of the Closure/Post-Closure Fund, based on the June 30, 2022 audit and Citizens First Bank Statement dated July 31, 2022 (see Attachment A) was \$4,663,785.20.

A copy of the Agency's most recent annual audit report in the form prescribed by the Office of the Auditor of the State of Iowa as described in IAC 567 Chapter 113 is located for viewing at <http://auditor.iowa.gov/reports/audit-reports>.

Bill Blum
November 20, 2023
Page 2

Please feel free to contact us if you have any questions, require any additional details, or need any further clarification.

Sincerely,



Nathan Ohrt
Senior Project Professional
SCS Engineers





Christine L. Collier, P.E.
Project Manager
SCS Engineers

NPO/CLC

cc: Brad Seward, Clinton County Area Solid Waste Agency

CERTIFICATION

	<p>I hereby certify that this document was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the state of Iowa.</p>		
	<p> Digitally signed by Christine L. Collier Date: 2023.11.20 22:13:10 -06'00'</p>		
	<table><tr><td>Christine L. Collier</td><td>Date</td></tr></table>	Christine L. Collier	Date
	Christine L. Collier	Date	
<p>My license renewal date is: December 31, 2023 Pages or sheets covered by this seal: All except Attachment A.</p>			

Municipal Solid Waste Sanitary Landfill Financial Assurance Report Form

Section 1: FACILITY INFORMATION *(please print or type)*

Information Requested	
Facility Name	Clinton County Sanitary Landfill
Permitted Agency/Entity	Clinton County Area Solid Waste Agency
Permit Number	23-SDP-01-74P

Section 2: CLOSURE/POSTCLOSURE OR CORRECTIVE ACTION COST ESTIMATES

Information Requested	Cost Estimate	Date of Cost Estimate
Updated Closure Cost Estimate	\$ 3,773,610	March 17, 2023
Updated Post Closure Cost Estimate	\$ 2,197,652	March 17, 2023
Initial or Updated Corrective Action Cost Estimate	\$ 14,095	March 17, 2023

*Attach closure/postclosure cost estimate(s) signed and certified by an Iowa-licensed professional engineer. Cost estimates shall include, at a minimum, each of the cost line items defined in 113.14(3)"c" for closure and 113.14(4)"c" for postclosure. Please provide closure and/or postclosure site area acreage information with the estimates.

Provide a cost estimate for corrective action only if corrective action is required and a corrective action plan has been approved by the Department. Attach the corrective action cost estimate signed and certified by an Iowa-licensed professional engineer. The cost estimate shall account for total costs of the activities described in the approved corrective action plan for the corrective action period.

Section 3: FACILITY WASTE TONNAGE INFORMATION

Information Requested	Tons
Remaining permitted capacity as of the beginning of permit holder's current fiscal year	2,790,960*
Amount of waste disposed of at the facility during the prior year	53,201

*Remaining permitted capacity estimated from airspace survey conducted on August 4, 2022.

Section 4: PROOF OF COMPLIANCE

Publicly Owned Municipal Solid Waste Landfills	<i>(ATTACH AUDIT REPORT)</i>
Owner's Most Recent Annual Audit Report	
Prepared by: <u>State of Iowa Auditor's Office</u>	
For fiscal year ending: <u>June 30, 2022</u>	
Privately Owned Municipal Solid Waste Landfills	<i>(ATTACH AFFIDAVIT)</i>
Attach owner/operator's affidavit indicating that an annual review has been performed by a certified public accountant to determine whether the privately owned landfill is in compliance with IAC 567 Chapter 113. The affidavit shall state the name of the certified public accountant, the dates and conclusions of the review, and the steps taken to rectify any deficiencies identified by the accountant.	

Section 5: FINANCIAL ASSURANCE INSTRUMENT

Type and Value of Financial Assurance Instrument(s)		(ATTACH INSTRUMENT(S))	
Assurance Instrument	Establishment Date	Mechanism Covers	Instrument Value*
Trust Fund 567 IAC 113.14(6)"a"		Closure <input type="checkbox"/> Postclosure <input type="checkbox"/> Corrective Action <input type="checkbox"/>	
Surety Bond 567 IAC 113.14(6)"b"		Closure <input type="checkbox"/> Postclosure <input type="checkbox"/> Corrective Action <input type="checkbox"/>	
Letter of Credit 567 IAC 113.14(6)"c"		Closure <input type="checkbox"/> Postclosure <input type="checkbox"/> Corrective Action <input type="checkbox"/>	
Insurance 567 IAC 113.14(6)"d"		Closure <input type="checkbox"/> Postclosure <input type="checkbox"/> Corrective Action <input type="checkbox"/>	
Corporate Financial Test 567 IAC 113.14(6)"e"		Closure <input type="checkbox"/> Postclosure <input type="checkbox"/> Corrective Action <input type="checkbox"/>	
Local Gov't. Financial Test 567 IAC 113.14(6)"f"		Closure <input type="checkbox"/> Postclosure <input type="checkbox"/> Corrective Action <input type="checkbox"/>	
Corporate Guarantee 567 IAC 113.14(6)"g"		Closure <input type="checkbox"/> Postclosure <input type="checkbox"/> Corrective Action <input type="checkbox"/>	
Local Gov't Guarantee 567 IAC 113.14(6)"h"		Closure <input type="checkbox"/> Postclosure <input type="checkbox"/> Corrective Action <input type="checkbox"/>	
Local Gov't. Dedicated Fund 56+7 IAC 113.14(6)"i"	April 1, 2008	Closure <input checked="" type="checkbox"/> Postclosure <input checked="" type="checkbox"/> Corrective Action <input checked="" type="checkbox"/>	\$2,569,949 \$2,079,741 \$14,095

*Pursuant to IAC 567 113.14(9), if account(s) are restricted/reserved to pay for closure, postclosure or corrective action costs, then the amount of the financial assurance instrument may be reduced by the sum of the cash balance of the account(s) established to comply with subrule 113.14(8).

Section 6: INITIAL PROOF OF ESTABLISHMENT OF ACCOUNTS

Check Which Applies:	<input type="checkbox"/> New Mechanism	<input checked="" type="checkbox"/> Previously Submitted
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Pursuant to IAC 567 Chapter 113.14(8)"f", documentation of the establishment of accounts is to be submitted to the department by April 1, 2003 for currently permitted MSWLFs. Permit holders for MSWLFs permitted after April 1, 2003, shall submit documentation of the establishment of accounts prior to the MSWLF's initial receipt of waste.

Please attach documentation indicating accounts/fund have been established for closure and postclosure care and if the account(s) are restricted/reserved for closure or postclosure care. Examples of documentation include bank statements for closure/postclosure accounts, letter signed by the chief financial officer, letter from certified public accountant, etc.

Accounts established pursuant to paragraph 113.14(6)"a" for trust funds or paragraph 113.14(6)"i" for local government dedicated funds also satisfies the requirements of this subrule, and the permit holder shall not be required to establish additional closure and postclosure accounts.

Section 7: CLOSURE AND POSTCLOSURE ACCOUNTS

Completion of the following closure and postclosure account information complies with the annual financial statement requirements of IAC 567 113.14(3)“a” and 113.14(4)“a” by indicating the current balance(s) of the closure/postclosure account(s) or dedicated/trust fund and the projected amount(s) to be deposited in the account(s).


Under “Beginning Balance”, please state the account/fund balance 30 days after the start of the previous fiscal year, for “Ending Balance”, indicate the account balance 30 days after the close of the previous fiscal year, and for “Projected Deposit”, indicate the amount to be deposited within 30 days of the close of the permit holder’s fiscal year.

Information Requested	Beginning Balance	Ending Balance	Projected Deposit
Closure Account Balance (see formula below)			
Postclosure Account Balance (see formula below)			
Or			
Dedicated Fund Balance (see formula below)	\$ 4,431,600	\$ 4,649,690	\$ 218,507
Trust Fund Balance (see formula below)			
Formula for Projected Deposits			
<p style="text-align: center;">Closure or Postclosure Account</p> $\frac{CE - CB}{RPC} \times TR$ <p>Where “CE” is the closure or postclosure cost estimate, “CB” is the balance 30 days after close of the previous fiscal year, “RPC” is the remaining permitted capacity in tons, of the landfill from the beginning of the current fiscal year, and “TR” is the total number of tons of solid waste disposed in the prior year.</p>	<p style="text-align: center;">Dedicated/Trust Fund</p> $\frac{CE - CB}{Y}$ <p>Where “CE” is the closure or postclosure cost estimate, “CB” is the balance 30 days after close of the previous fiscal year, and “Y” is number of years remaining in the pay-in period.</p>		
If needed, the space below can be used to show calculations for projected deposits			
Closure	Postclosure		
<p>South MSWLF Unit, Phases 0 and 1A Cells \$2,141,954 - \$2,141,954 = \$0</p> <p>South MSWLF Unit, Phase E1 Cell $\frac{\\$877,584 - \\$230,196}{5} = \\$129,477$</p> <p>South MSWLF Unit, Phase 2 Cell $\frac{\\$754,072 - \\$197,798}{8} = \\$69,534$</p>	<p>South MSWLF Unit, Phases 0 and 1A Cells, Closed Area \$1,526,480 - \$1,526,480 = \$0</p> <p>South MSWLF Unit, Phase E1 Cell $\frac{\\$200,267 - \\$136,849}{5} = \\$12,684$</p> <p>South MSWLF Unit, Phase 2 Cell $\frac{\\$172,081 - \\$117,588}{8} = \\$6,812$</p> <p>North MSWLF Unit \$298,824 - \$298,824 = \$0</p>		

Section 8: PERMIT HOLDER ENDORSEMENT

SUBMITTAL OF THIS COMPLETED AND ENDORSED FORM ALONG WITH ALL REQUIRED DOCUMENTATION ESTABLISHES NOTIFICATION AND PROOF OF PERMIT HOLDER COMPLIANCE WITH IAC 567 CHAPTER 113.

Brad Seward	Director of Operations and Education	
Name of Official	Title	
Clinton County Area Solid Waste Agency		
Agency/Entity		
4292 220 th Street Box 996		
Address		
Clinton	Iowa	52733
City	State	Zip
563-242-5320	563-242-3611	
Telephone	Fax	
ccaswa@gmtel.net		
Email Address		

	Director of Operations and Education	11-8-2023
Signature of Official	Title	Date

Questions? Contact Mr. Bill Blum at (515) 725-8376 or bill.blum@dnr.iowa.gov

Attachment A

July 31, 2022 Citizens First Bank Statement
Closure/Post-Closure Account





1442 Lincoln Way
Clinton, IA 52732
(563) 243-6000

CLINTON CO AREA SLD WASTE AGCY
CFB EAST CLOSURE-POST CLOSURE
4292 220TH ST
CLINTON IA 52732-8944



Statement Date: **07/29/2022**

Account No.: *****4510 Page: 1

Citizens First Bank cares about your opinion. We have engaged Avannis, a professional research firm, to reach out and ask for your feedback about the service we provide. Avannis will never ask you questions about your account or personal information. If you receive a call or email from Avannis, we would appreciate you taking a few minutes to provide your feedback.

Citizens First Bank does not share any personal or account information with Avannis, as outlined in our privacy policy. To view our privacy policy, you may visit our website at GoCFB.bank.

BID BUSINESS MONEY MARKET SUMMARY

Type : REG Status : Active

Category	Number	Amount
Balance Forward From 06/30/22		4,462,526.99
Debits		0.00
Automatic Deposits	1	200,000.00 +
Interest Added This Statement		1,258.21 +
Ending Balance On 07/29/22		4,663,785.20
Annual Percentage Yield Earned	0.35 %	
Interest Paid This Year	16,357.91	
Interest Paid Last Year	40,183.61	
Average Balance (Ledger)	4,524,595.95 +	

ALL CREDIT ACTIVITY

Date	Description	Amount
07/21/22	28E LEVY TRANSFER-INTERNET TRANSFER FROM CHK 6843 TO CHK 4510 6778402	200,000.00
07/29/22	INTEREST PAID	1,258.21

DAILY BALANCE SUMMARY

Beginning Ledger Balance on 06/30/22 was 4,462,526.99

Date	Balance	Date	Balance	Date	Balance
07/21/22	4,662,526.99	07/29/22	4,663,785.20		

Continued

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