

**BEFORE THE ILLINOIS POLLUTION CONTROL BOARD**

WASTE MANAGEMENT OF ILLINOIS, INC.	)	
	)	
	)	
Petitioner,	)	PCB No. 2025-002
	)	
v.	)	(Permit Appeal - Land)
	)	
ILLINOIS ENVIRONMENTAL PROTECTION	)	
AGENCY,	)	
	)	
Respondent.	)	

**NOTICE OF FILING**

**TO: Attached Service List Via Email**

PLEASE TAKE NOTICE that on August 22, 2024, I caused to be filed with the Office of the Clerk of the Illinois Pollution Control Board by electronic filing the attached (1) Respondent's Certification of the Record on Appeal, copies of which are attached hereto and (2) Record on Appeal R 000001-000170, via file transfer link and hereby served upon you.

ILLINOIS ENVIRONMENTAL PROTECTION  
AGENCY,

By: /s/ Elizabeth Dubats  
Elizabeth Dubats  
Assistant Attorney General  
Environmental Bureau  
Illinois Attorney General's Office  
69 W. Washington St., 18th Floor  
Chicago, Illinois 60602  
(773) 590-6794  
[Elizabeth.Dubats@ilag.gov](mailto:Elizabeth.Dubats@ilag.gov)

**SERVICE LIST**

Philip L. Comella  
Ryan Rudich  
TAFT, STETTINIUS, & HOLLISTER, LLP  
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[pcomella@taftlaw.com](mailto:pcomella@taftlaw.com)  
[rrudich@taftlaw.com](mailto:rrudich@taftlaw.com)

Bradley Halloran  
Illinois Pollution Control Board  
60 E. Van Buren Street, Suite 630  
Chicago, Illinois 60605  
[Brad.Halloran@illinois.gov](mailto:Brad.Halloran@illinois.gov)

**CERTIFICATE OF SERVICE**

I, Elizabeth Dubats, an Assistant Attorney General, hereby certify that on the 22<sup>nd</sup> of August 2024, I caused to be served the foregoing Notice of Electronic Filing and Respondent's Certification of the Record on Appeal, upon the parties named on the attached Service List via email and Record on Appeal R 000001-000170, via file transfer link.

/s/ Elizabeth Dubats  
Elizabeth Dubats  
Assistant Attorney General  
Environmental Bureau  
Illinois Attorney General's Office  
69 W. Washington St., 18th Floor  
Chicago, Illinois 60602  
(773) 590-6794  
[Elizabeth.Dubats@ilag.gov](mailto:Elizabeth.Dubats@ilag.gov)

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Petitioner,	)	PCB No. 2025-002
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v.	)	(Permit Appeal - Land)
	)	
ILLINOIS ENVIRONMENTAL PROTECTION	)	
AGENCY,	)	
	)	
Respondent.	)	

**CERTIFICATION OF ADMINISTRATIVE RECORD FOR POLLUTION CONTROL BOARD REVIEW**

I, Carlos Khairallah, ~~CARLOS KHAIRALLAH~~, hereby certify that I am an Illinois Environmental Protection Agency, Bureau of Land/Permit Section employee having custody of the Bureau of Land's permit records. The documents provided labeled "Administrative Record for Permit No. 1994-579-LF for Judicial Review", are formatted as portable document format (PDF) computer files, bates stamped and arranged in as follows:

**ADMINISTRATIVE RECORD**

1. J. Cooperider email to M. Jarvis, N. San Diego, J. McDonough, G. Morris, June 22, 2023 4:53 p.m., forwarding Waste Management email re Leachate Facility Question, attorney client privileged communications between IEPA Permits and IEPA Department of Legal Counsel answering request for legal advice redacted. (R 000001-000002)
2. January 17, 2024, IEPA Application Log No. 2024-014 Prairie Hill RDF attached to Waste Management January 12, 2024, letter enclosing Application to Accept Offsite Leachate for Disposal in Leachate Evaporator with Attachments 1-4 (R 000003-000030)
3. Email chain February 23, 2024 between P. Lee and C. Khairallah, re Log 2024-014 for 195035014 Prairie Hill RDF Leachate Evaporator attached to February 10, 2023, Approval of Modification 116 Log No. 2022-402 (R 000031-000095)
4. BOL Log 2024-006 Coordinated Review of Permit Application Response Memorandum, February 27, 2024, in response to Request of February 23, 2024 (R 000096)
5. D. Rowell email to C. Khairallah, February 27, 2024, 11:29 a.m. re CROPA Prairie Hill, Log 024-006, attached to Coordinated Review of Permit Application BOL Log 024-006, February 23, 2024, with February 27, 2024, Response Memorandum (R 000097-000099)
6. D. Rowell email to C. Khairallah, February 27, 2024 3:50 p.m., re CROPA Prairie Hill



Log 024 attached to CROPA and application to accept leachate (R 000100-000122)

7. J. Cooperider (IEPA) letter to R. Renner (County of Whiteside) and J. Hey (Waste Management) March 4, 2024 re Incomplete Permit Application (R 000123-000125)
8. BOL Log 024-006 Coordinated Review of Permit Application Response Memorandum March 7, 2024, in response to Request of February 23, 2024 (R 000126)
9. State Permit Log 024-006 March 20, 2024 attached to Waste Management Response to Request for Additional Information sent on March 19, 2024 (R 000127-000138)
10. Prairie Hill RDF (Prairie Hill Leachate STPR) Completeness and Initial Review Checklist prepared by C. Khairallah (R 000139-000142)
11. Prairie Hill RDF Review Notes Log 2024-014 prepared by C. Khairallah, attorney client privileged communications between IEPA Permits and IEPA Department of Legal Counsel answering request for legal advice redacted (R 000143-000151)
12. C. Khairallah email to D. Rowell, April 12, 2024 10:14 a.m. forwarding email chain re Prairie Hill RDF Leachate Question, attorney client privileged communications between IEPA Permits and IEPA Department of Legal Counsel answering request for legal advice redacted. (R 000152-000163)
13. Email chain between C. Khairallah, J. Cooperider, N. San Diego, T. Pisula, M. Jarvis, K. Rominger, and T. Hubbard April 18, 2024 10:43a.m. through April 30, 2024 11:01 a.m., RE: Draft denial for Prairie Hill leachate evaporator, attorney client privileged communications between IEPA Permits and IEPA Department of Legal Counsel answering request for legal advice (R 000164-000168)
14. J. Cooperider (IEPA) letter to R. Reener (County of Whiteside) and J. Hey (Waste Management) June 18, 2024 re Denial of Permit (R 000169-000170)

**VERIFICATION BY CERTIFICATION**

Under penalties as provided by law pursuant to Section 1-109 of the Code of Civil Procedure, the undersigned certifies that the statements set forth in the foregoing affidavit are true and correct, except as to matters therein stated to be on information and belief and as to such matters the undersigned certifies as aforesaid that he verily believes the same to be true.

BY:

  
Carlos Khairallah

DATE: 8/21/2024

**Khairallah, Carlos**

---

**To:** Cooperider, Jacki  
**Subject:** RE: Prairie Hill RDF - Leachate Facility Question

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**From:** Cooperider, Jacki <[Jacki.Cooperider@Illinois.gov](mailto:Jacki.Cooperider@Illinois.gov)>  
**Sent:** Thursday, June 22, 2023 4:53 PM  
**To:** Jarvis, Melanie <[Melanie.Jarvis@Illinois.gov](mailto:Melanie.Jarvis@Illinois.gov)>; San Diego, Nick M <[Nick.M.SanDiego@Illinois.gov](mailto:Nick.M.SanDiego@Illinois.gov)>; McDonough, John <[John.McDonough@Illinois.gov](mailto:John.McDonough@Illinois.gov)>; Morris, Greg <[Greg.Morris@Illinois.gov](mailto:Greg.Morris@Illinois.gov)>  
**Cc:** Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>  
**Subject:** Leachate Facility Question



Thanks,  
Jacki

---

Hi Phillip,

As you are aware, Prairie Hill Landfill in Morrison, IL has recently installed and began operating a leachate evaporator unit on site. We are exploring the idea of potentially bringing in additional leachate to the evaporator from off-site sources (other WM landfills). I am wondering if you could provide some insight as to what permitting the Agency would require, if any, for the following two scenarios:

1. White Side County Landfill, directly adjacent to the site, is a closed landfill with a small volume of leachate. They are currently direct hauling out of an above ground storage tank on a periodic basis. We would like to install a short forcemain between their existing leachate tank and our perimeter forcemain to bring their leachate over to the evaporator. This would be an approximately 400' forcemain line that would cross the property boundary of the two sites.
2. WM has other landfills in the vicinity that we would like to haul leachate from via tanker for disposal in the evaporator. The tankers would offload into the storage tanks that feed the evaporator.

Please let me know what permitting this would require.

Thank you!

State of Illinois - CONFIDENTIALITY NOTICE: The information contained in this communication is confidential, may be attorney-client privileged or attorney work product, may constitute inside information or internal deliberative staff communication, and is intended only for the use of the addressee. Unauthorized use, disclosure or copying of this communication or any part thereof is strictly prohibited and may be unlawful. If you have received this communication in error, please notify the sender immediately by return e-mail and destroy this communication and all copies thereof, including all attachments. Receipt by an unintended recipient does not waive attorney-client privilege, attorney work product privilege, or any other exemption from disclosure.

~~TWH~~ CGK

STATE PERMIT LOG NO. : 2024-014

NAME : Prairie Hill RDF  
OWNER : Russ Renner

STATUS : A  
SITE NO. : 1950350014

COUNTY : Whiteside

CITY : Morrison

PERMIT TYPE : DEOP Part 807

REVIEWER :  
GA-REQ'D : N

SR : 90  
FACILITY TYPE : STPR COMPLETENESS : 03/02/2024

GAU-REV :

RP : 90

MAILED :

RECEIVED : 01/17/2024 DUE: 04/16/2024

REVIEW TIME :

FINAL ACTION :

WAIVER :

PSRP :

PRP :

NOTIFY IHPA :

SITING APP'D: N

NOTIFY DCEO:

NOTIFY DNR:

NOTIFY DELEGATED COUNTY: N

NOTIFY DOT :

PERMIT EXPIRATION:

COMMENTS: Application requesting to accept offsite leachate from other WM operated facilites for disposal in the leachate evaporator

813 COMPLETENESS REVIEW

- A. LOG IN PROCESS 1-17-24 : (5) :
- B. TO GAU REVIEWER : (5)
- C. GAU REVIEW : (7)
- D. GAU MEMO TO SW : (2)
- E. TO SW REVIEWER : (5)
- F. SW REVIEW : (7)
- G. SW MANAGER REVIEW : (2)
- H. JOINT DECISION : (2)
- I. COMPLETENESS LTR SENT : (7)
- J. GAU & SW : (TECH. MTG.)
- K. DRAFT , :
- L. REVIEW MGR , :

- CROPA BOA  
- Need to know which "other WM facilities" siting exemption 3.3301 requires either own, "control", or operate.

807/832 COMPLETENESS REVIEW

- 1. OWNER'S SIGNATURE Y N
- 11. OPERATOR'S SIGNATURE Y N
- 111. P.E.'S SIGNATURE Y N NA
- 1V. SITING OBTAINED Y N NA
- V. CORRECT FORMS UTILIZED Y N WHAT FORMS MISSING?
- vi. COMPLETE Y N IF NO SEND LETTER BY 30TH DAY!

2024-014

**Prairie Hill Landfill**18762 Lincoln Road  
Morrison, IL 61270

January 12, 2024

Ms. Jacki Cooperider, P.E.  
Manager, Permit Section  
IEPA - Bureau of Land  
1021 North Grand Ave. East  
Springfield, Illinois 62702**RECEIVED**  
JAN 17 2024  
IEPA-BOL  
PERMIT SECTION**RE: Prairie Hill RDF**  
**IEPA #1950350014 - Whiteside County, Illinois**  
**Permit 1994-579-LF**  
**Application to Accept Offsite Leachate for Disposal in Leachate Evaporator**

Dear Ms. Cooperider:

Submitted herein is an application for permit to allow the acceptance of offsite leachate for disposal in Prairie Hill Landfill's leachate evaporator. WM would like to utilize its excess capacity in the leachate evaporator as an alternative leachate disposal option for Peoria City-County Landfill No. 2 (PCC #2), a WM operated facility, located at 11501 West Cottonwood Road, Brimfield, IL 61517. PCC operates under landfill Permit No. 1996-089-LF and BOL ID No. 1438165003.

1. This letter;
2. LPC-PA1, General Application for Permit;
3. LPC-PA3, Treatment/Storage Facilities;
4. LPC-PA16, Public Notification Letters;
5. Section 39(i) Certifications;
6. Attachments

The information provided in this letter addresses the requirements in the LPC-PA3 form and is organized in the same order.

**Location Information**

Prairie Hill RDF is located in Sections 13, 14, 23, and 24, Township 21 North and Range 5 East of the Morrison Quadrangle. A copy of the USGS 7.5 minute Morrison Quadrangle showing the location of the facility is provided as Attachment 1.

### Facility Background

Prairie Hill RDF is an existing facility that began operation in 1995 under Permit No. 1994-579-LF. In April of 2023, the facility completed construction and began operation of a 40,000 gallon per day leachate evaporation unit for the disposal of site generated leachate. The facility currently has nine leachate collection cell sump risers as well as various wellfield leachate pumps that convey liquid via perimeter forcemain to a 20,000 gallon underground storage tank near the evaporator. Leachate from the underground tank is then pumped to a 40,000 gallon aboveground storage tank which is used to feed the evaporation unit.

The evaporator is currently managing approximately 20,000 gallons per day and has the capacity to receive and process additional leachate.

### General Facility Information

#### *Plan Sheet of the Site*

The leachate evaporator unit is located on the northwest side of the closed landfill unit (near Phase 4, Cell 2) as shown on the Liquid Management Infrastructure and Evaporator Layout drawings included in Attachment 2.

#### *Process Flow Diagram*

A Process Flow Diagram for offsite leachate acceptance operations is provided as Attachment 3.

#### *Narrative Description of the Site's Offsite Leachate Acceptance Operations*

The evaporator unit is equipped to operate, as necessary, 24 hours per day / 7 days per week. The technology consists of injecting hot gas from landfill gas combustion into a reservoir containing leachate, which generates water vapor. The vapor is discharged directly to the atmosphere through three stacks of equal diameter and a concentrated residual is left behind. Fresh leachate is continuously fed into the reservoir and the residual is directed to a clarifier for further concentration of solids. The residual is removed from the clarifier and deposited in a temporary storage tank. Periodically, the solids are removed from the storage tank and deposited within the landfill for disposal.

As the evaporator is currently operating under its designed capacity, the site would like to utilize some of this excess capacity as an alternative disposal option for leachate from other WM operated facilities. Leachate will be hauled to the site via tanker truck, and the trucks will utilize the existing facility roads to reach the evaporator area. The existing underground storage tank near the evaporator is equipped with a load out pad that was used for emptying the tank prior to installation of the evaporator. This load out will be modified to allow tanker trucks to offload leachate directly into the underground tank, which is then pumped to the

Characterization  
Plan 54V  
Only PCC #2

aboveground tank to feed the evaporator. Locations of the underground tank and load out pad can be seen on the figures provided in Attachment 1.

#### *Waste Characterization and Analysis Plan*

The only waste to be accepted at the site as part of this operation will be leachate generated by PCC #2. PCC #2 maintains analytical records for its site generated leachate, the composition of which is akin to typical landfill leachate.

#### *Residuals*

Leachate evaporated in the unit produces an approximately 8% - 10% by volume residual sludge. The residual is removed from the clarifier and deposited in a temporary storage tank. Periodically, the solids are removed from the storage tank and deposited within the landfill for disposal.

#### *Contingency Plan*

The operations being proposed in this application should not require an independent contingency plan. The only new operation being proposed is the offloading of leachate tanker trucks into an existing underground storage tank. The site will utilize the existing contingency plan included in the site operations plan approved under Permit No. 1994-579-LF.

#### *Containment System*

The underground storage tank that will be used for offloading of offsite leachate is equipped with a concrete loadout containment pad to prevent spills during leachate unloading. The aboveground storage tank that feeds the evaporator is a dual walled tank installed on a concrete containment pad. The evaporator building itself is fit with concrete containment and floor drains that collect any spills and convey these liquids back into the evaporation unit. No additional containment systems will be necessary.

#### *Run-on/Run-off*

The proposed operation will not have any impact on stormwater run-on/run-off. The site will continue to utilize the existing stormwater control measures.

#### *Inspection Procedures*

The evaporator has existing inspection and maintenance programs as part of routine operations, as well as the landfill's current Spill Prevention Control and Countermeasure Plan. No additional inspections for the proposed operations will be required. The offloading area near the underground storage tank will be monitored for leaks/spills when tankers are depositing leachate.

*Operating Record*

Leachate throughput in the evaporator is tracked by volume on an operating log. For offsite leachate, an additional column dedicated to offsite tanker trucks will be added to the log for tracking. An example of the current operating log for the month of September 2023 is included as Attachment 4.

A manifest generated by PCC #2 will accompany each tanker load brought to the site for disposal. This will include a date, manifest number, the generator's name (PCC #2), and the total gallons being received.

*Closure/Post-Closure Plan*

The operations being proposed in this application should not require an independent Closure/Post-Closure Plan. The site will utilize the existing plan approved under Permit No. 1994-579-LF.

*Site Suitability*

The operations proposed in this application are taking place at an existing landfill facility already determined to be suitable under Permit No. 1994-579-LF. The addition of these operations will not create any additional hazards to public health and safety.

Attached please find an original and two copies of this application.

Should you have any questions, please do not hesitate to contact me at 224-545-2229

Sincerely,  
**Waste Management of Illinois, Inc.**

A handwritten signature in black ink, appearing to read 'JH' followed by a stylized flourish.

Joshua Hey, P.E.  
Engineer





# Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

## General Application for Permit (LPC - PA1)

This form must be used for any application for permit from the Bureau of Land, except for landscape waste composting or hazardous waste management facilities regulated in accordance with RCRA, Subtitle C. One original, and two copies, or three if applicable, of all permit application forms must be submitted. Attach the original and appropriate number of copies of any necessary plans, specifications, reports, etc. to fully support and describe the activities and modifications being proposed. Attach sufficient information to demonstrate the compliance with all regulatory requirements. Incomplete applications will be rejected. Please refer to the instructions for further guidance. **Note: Applicants must provide a physical address; the post office will not deliver a certified letter (final action letter) to a P.O. Box only. Please provide an extended ZIP+4 code for the site identification and owner/operator information.**

You may complete this form online, save a copy locally, print, sign and submit it to the Bureau of Land at the address below. Note: Hand-delivered permit applications must be delivered between 8:30 am and 5:00 pm, Monday through Friday (excluding State holidays) to:

Bureau of Land, Permit Section, Mail Code #33  
1021 North Grand Avenue East, P.O. Box 19276  
Springfield, IL 62794-9276

[Instructions](#)

### I. Site Identification

Site Name: Prairie Hill RDF IEPA BOL No.: 1950350014  
Street Address: 18762 Lincoln Road P.O. Box: \_\_\_\_\_  
City: Morrison State: IL Zip + 4: \*61270-9587 \*Notification letters will not be sent without a 9-digit zip code. County: Whiteside  
Existing DE/OP Permit Numbers (if applicable): 1994-579-LF

### II. Applicant Identification

#### Owner

Name: County of Whiteside  
Street Address: 200 E. Knox Street  
PO Box: \_\_\_\_\_  
City: Morrison State: IL  
Zip + 4: 61270-9587 Phone: 815 772-7651  
Contact: Russ Renner  
Email Address: rrenner@whiteside.org  
FEIN ID No. \_\_\_\_\_

#### Operator (if Different)

Name: Waste Management of Illinois, Inc.  
Street Address: 18762 Lincoln Road  
PO Box: \_\_\_\_\_  
City: Morrison State: IL  
Zip + 4: 61270-9587 Phone: 224-525-2229  
Contact: Joshua Hey  
Email Address: jhey@wm.com  
FEIN ID No. \_\_\_\_\_

Agency correspondence mailed to:

Owner  Operator  Other - Explain: \_\_\_\_\_

#### TYPE OF SUBMISSION/REVIEW PERIOD:

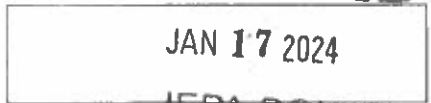
- New Landfill/180 days (35 IAC Part 813)
- Landfill Expansion/180 days (35 IAC Part 813)
- Sig. Mod. to Operate/90 days (35 IAC Part 813)
- Other Sig. Mod./90 days (35 IAC Part 813)
- Renewal of Landfill/90 days (35 IAC Part 813)
- Development/90 days (35 IAC Part 807)
- Operating/45 days (35 IAC Part 807)
- Operating/90 days (35 IAC Part 848)
- Supplemental/90 days (35 IAC Part 807)
- Permit Transfer/90 days (35 IAC Part 807)
- Renewal of Experimental Permit (35 IAC Part 807)

#### TYPE OF FACILITY:

- Landfill
- Land Treatment
- Transfer Station
- Treatment Facility
- Storage
- Incinerator
- Composting
- Recycling/Reclamation
- Used Tire Storage/Processing Facility
- Other (Specify) \_\_\_\_\_

#### TYPE OF WASTE:

- General Municipal Refuse
- Hazardous
- Special (Non-Hazardous)
- Chemical Only (exec. putrescible)
- Inert Only (exec. chem. & putrescible)
- Used Oil
- Potentially Infectious Medical Waste
- Landscape/Yard Waste
- Used Tires
- Other (Specify) \_\_\_\_\_



This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42).

**III. Description of this Permit Request:** (Note: The box below will expand as needed)

Application requesting accept offsite leachate from other WM operated facilities for disposal in the leachate evaporator

**IV. Completeness Requirements**

1. Have all required public notice letters been mailed in accordance with the LPC-PA16 instructions? Yes  No  N/A   
 (If so, provide a list of those recipients of the required public notice letters for Illinois EPA retention.  
 Such retention shall not imply any Illinois EPA review and/or confirmation of the list.)

**Public Notice Recipients**

Name: <u>Hon. Tony McCombie</u>	Title: <u>Representative District 71</u>
Street Address: <u>2510 Locust Street</u>	P.O. Box: _____
City: <u>Sterling</u> State: <u>IL</u>	Zip Code: <u>61081</u>
Name: <u>Hon. Neil Anderson</u>	Title: <u>Senate District 36</u>
Street Address: <u>1523 47th Avenue, Suite 2</u>	P.O. Box: _____
City: <u>Moline</u> State: <u>IL</u>	Zip Code: <u>61265</u>
Name: <u>Illinois State's Attorney</u>	Title: <u>State's Attorney</u>
Street Address: <u>200 E. Knox Street</u>	P.O. Box: _____
City: <u>Morrison</u> State: <u>IL</u>	Zip Code: <u>61270</u>
Name: <u>James Duffy</u>	Title: <u>County Board Chairman</u>
Street Address: <u>200 E. Knox Street</u>	P.O. Box: _____
City: <u>Morrison</u> State: <u>IL</u>	Zip Code: <u>61270</u>
Name: <u>Morrison City Clerk</u>	Title: <u>City Clerk</u>
Street Address: <u>200 W. Main Street</u>	P.O. Box: _____
City: <u>Morrison</u> State: <u>IL</u>	Zip Code: <u>61270</u>
Name: <u>Whiteside County Clerk</u>	Title: <u>County Clerk</u>
Street Address: <u>200 E. Knox Street</u>	P.O. Box: _____
City: <u>Morrison</u> State: <u>IL</u>	Zip Code: <u>61270</u>
Name: <u>Mt. Pleasant Township Clerk</u>	Title: <u>Township Clerk</u>
Street Address: <u>210 W. Morris Street</u>	P.O. Box: _____
City: <u>Morrison</u> State: <u>IL</u>	Zip Code: <u>61270</u>
Name: <u>Hopkins Township Clerk</u>	Title: <u>Township Clerk</u>
Street Address: <u>24719 Emerson Road</u>	P.O. Box: _____
City: <u>Sterling</u> State: <u>IL</u>	Zip Code: <u>61081</u>
Name: <u>Lyndon Township</u>	Title: <u>Township Clerk</u>
Street Address: <u>302 2nd Avenue St.</u>	P.O. Box: _____
City: <u>Lyndon</u> State: <u>IL</u>	Zip Code: <u>61261</u>

RECEIVED

JAN 17 2024

IEPA-BOL PERMIT SECTION

- |  |                                  |                                  |                                  |
|--|----------------------------------|----------------------------------|----------------------------------|
| 2. a. Is the Siting Certification Form (LPC-PA8) completed and enclosed?                               | Yes                              | No                               | N/A                              |
|  | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> |
| b. Is siting approval currently under litigation?  | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> |
| 3. a. Is a closure, and if necessary a post-closure plan covering these activities being submitted, or | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            |
| b. has one already been approved?  | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            |

If yes, provide the permit number: 1994-579

- 4. a. For operating waste disposal sites, only: Has any employee, owner, operator, officer or director of the owner or operator had a prior conduct certification denied, canceled or revoked?
- b. Have you included a demonstration of how you comply or intend to comply with 35 Ill. Adm. Code 745?
- 5. a. For waste disposal sites, only: Is the property for the facility held in a beneficial trust?
- b. If yes, is a beneficial trust certification form (LPC-PA9) completed and enclosed?
- 6. a. Does the application contain information or proposals regarding the hydrogeology; groundwater monitoring, modeling or classification; a groundwater impact assessment; or vadosezone monitoring for which you are requesting approval?
- b. If yes, have you submitted a third copy of the application (4 total) and supporting documents?
- 7. Has the required 39(i) certification been attached? A 39(i) certification must be submitted with information concerning the following persons or entities:
  - a. the owner of the business entity applying for the permit;
  - b. the operator of the business entity applying for the permit;
  - c. each employee or officer of the owner or operator who signed the permit application or has managerial authority at the site; and
  - d. any additional owner, operator, or officer or employee of the owner or operator from whom a certification is requested by the Illinois EPA, including any officer or employee who will be responsible for overseeing or implementing regulated activities governed by the permit.

If no, then complete this certification as indicated.

**RECEIVED**  
 JAN 17 2024  
 IEPA-BOL  
 PERMIT SECTION

**V. Signatures:**

Original signatures are required. Signature stamps or applications transmitted electronically or by FAX are not acceptable.

All applications shall be signed by the person designated below as a duly authorized representative of the owner an/or operator. A printed name for each signature should also be provided.

- Corporation - By a principal executive officer of the level of vice-president or above
- Partnership or Sole Proprietorship - By a general partner or the proprietor, respectively.
- Government - By either a principal executive officer or a ranking elected official.

A person is a duly authorized representative of the owner and operator only if:

- They meet the criteria above or the authorization has been granted in writing by a person described above; and
- Is submitted with this application (a copy of a previously submitted authorization can be used).

I hereby affirm that all information contained in this application is true and accurate to the best of my knowledge and belief. I do herein swear that I am a duly authorized representative of the owner/operator and I am authorized to sign this permit application form.

**Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))**


Martin Koster  
Owner Signature

10/6/2023  
Date

Martin Koster  
Printed Name

County Board Chairman  
Title

Notary: Subscribed and Sworn before me  
this 10 day of Oct 2023.



My commission expires on: April 11 2027

Dawn Housenga  
Signature & Stamp/Seal of Notary Public

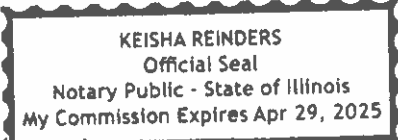
Joshua Hey  
Operator Signature

11/2/2023  
Date

Joshua Hey  
Printed Name

Engineer  
Title

Notary: Subscribed and Sworn before me  
this 2 day of November 2023.



My commission expires on: April 29, 2025

Keisha Reinders  
Signature & Stamp/Seal of Notary Public

Engineer's Name: Joshua Hey, P.E. Engineer's Title: Engineer

Company: WM Registration Number: 062-072163

Street Address: 18370 Somonauk Road PO Box: \_\_\_\_\_

City: Dekalb State: IL Zip Code: 60115 Phone: 224-545-2229

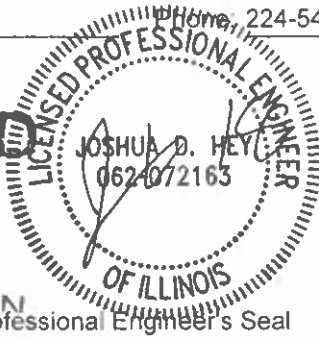
Email Address: jhey@wm.com

License Expiration Date: ~~Nov 20, 2023~~ 11/30/2025

Signature: Joshua Hey

Date: 1/12/2024

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JAN 17 2024  
IEPA-BOL  
PERMIT SECTION



Professional Engineer's Seal

1/12/2024



# Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

## Application for a Solid Waste Management Permit to Develop Treatment and/or Storage Facilities (LPC-PA3)

Persons requesting a permit to develop a new solid waste treatment, storage, incineration, recycling, or land treatment site or requesting a permit for the first time for such a facility should use this application form. Facilities that are expanding, or adding new units (i.e., new storage area, new treatment units, etc.) should utilize this application as guidance, but the completed form is not required. Note: Hand-delivered Permit applications must be delivered between 8:30 am and 5:00 pm, Monday through Friday (excluding State holidays) to:

Bureau of Land, Permit Section, Mail Code #33  
1021 North Grand Avenue East, P.O. Box 19276  
Springfield, IL 62794-9276

You may also complete this form in Acrobat, save a copy, print, sign, and submit it to the Bureau of Land, Permit Section at the above address.

### I. Site Identification

Site Name: Prairie Hill RDF IEPA BOL No.: 1950350014  
Street Address: 18762 Lincoln Road P.O. Box: \_\_\_\_\_ County: Whiteside  
City: Morrison State: IL Zip + 4: 61270-9587 Notification letters will not be sent without a 9-digit zip code.

### II. Applicant Identification

1. **Owner**  
Name: County of Whiteside  
Street Address: 200 E. Knox Street  
PO Box: \_\_\_\_\_  
City: Morrison State: IL  
Zip + 4: 61270-9587 Phone: 815-772-7651  
Contact: Russ Renner  
Email Address: rrenner@whiteside.org  
FEIN ID No. \_\_\_\_\_

**Operator (if different)**  
Name: Waste Management of Illinois, Inc.  
Street Address: 18762 Lincoln Road  
PO Box: \_\_\_\_\_  
City: Morrison State: IL  
Zip + 4: 61270-9587 Phone: 224-545-2229  
Contact: Joshua Hey  
Email Address: jhey@wm.com  
FEIN ID No. \_\_\_\_\_

### 2. Ownership and Operator Status:

Owner Operator  
  Corporation (ILL)  
  Government Body  
  Individual  
  Partnership  
  Sole Proprietor  
  Trust  
  Other: \_\_\_\_\_

### Land is Owned by:

Owner  
 Operator  
 Leased by Applicant  
Leased by Applicant for \_\_\_\_\_ years  
Years of Lease Remaining: \_\_\_\_\_  
Beginning Date of Lease: \_\_\_\_\_  
Expiration Date of Lease: \_\_\_\_\_  
 Held in Trust\*  
Name of Trust: \_\_\_\_\_

\*(Note: Lands that are held in trust and owners and operators of disposal sites must complete form LPC-PA9.)

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### III. Location Information

Attach a copy of the United States Geological Survey (USGS) quadrangle map (7.5 minute quadrangle, if published) and/or a topographic map of the area which contains the site. Also provide a legal description of the site.

Name of Quadrangle Map provided: Morrison Quadrangle Date: 2021  
423 Acres in \_\_\_\_\_ Quarter, \_\_\_\_\_ Quarter, \_\_\_\_\_ Quarter, of Section 13,14,23,24  
Township 21N, Range 5 East P.M. Local Description: Lot \_\_\_\_\_ Block \_\_\_\_\_  
Present Zoning Classification and Restrictions (if any): \_\_\_\_\_

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42).

**IV. Facility Background**

- This is an existing facility. Operation began: 7/10/1995
- This is a proposed development.
- This is a proposed expansion to an existing facility. IEPA BOL No.: 1994-579-LF
- Other existing environmental facility permits: \_\_\_\_\_

Consult instructions for the contents of Sections V-VIII.

**V. General Facility Information**

The following information must accompany the application. Please indicate the location in the application for the document being submitted for this application.

Page number or location of information	
Attachment 2	1. A plan sheet of the site
Attachment 3	2. A process flow diagram of the treatment or storage operation
Page 2 Letter	3. A narrative description of the site's operation, including the days and hours of operation
Page 3 Letter	4. Waste characterization plan (Identify wastes to be accepted and how they are to be managed.)
Page 3 Letter	5. Waste analysis plan (a description of analysis methods used to screen and test waste types)
Page 3 Letter	6. Residuals (a description of methods used to treat, transfer or dispose of residual wastes generated from the operation of the site)
Page 3 Letter	7. Contingency plan
Page 3 Letter	8. Containment system
Page 3 Letter	9. Run-on/Run-off
Page 3 Letter	10. A description of inspection procedures
Page 4 Letter	11. Operating record
Page 4 Letter	12. Closure plan
Page 4 Letter	13. Post closure use of site
Page 4 Letter	14. Site suitability

**VI. Treatment and/or Storage**

1. This application is for treatment  and/or storage  in the following: (check the appropriate box(es)):
  - Tanks
  - Surface Impoundments
  - Drums
  - Waste Piles
  - Barrels
  - Landfarms
  - Roll-off Boxes
  - Other: Leachate Evaporator
2. General Information: For each box checked above, provide the following information, where applicable.
  - A. Location drawings
  - B. Material of construction
  - C. Number of units
  - D. Duration of storage
  - E. Age of units
  - F. Type of waste(s) contained in each area
  - G. Tank Design
  - H. Container design
  - I. Surface Impoundment and waste pile design
  - J. Treatment processes

**VII. Incineration/Thermal Treatment**

Is an incinerator or thermal treatment unit included in this application? (Refer to the instructions).  Yes  No

**VIII. Hydrogeology**

Is a site hydrogeology plan required for this application?  Yes  No (Refer to the instructions).

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# Illinois Environmental Protection Agency

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## 39(i) Certification for Operating a Waste Management Facility

*Pursuant to 415 ILCS 5/39(i), prior to issuing any RCRA permit, or any permit for a waste storage site, sanitary landfill, waste disposal site, waste transfer station, waste treatment facility, waste incinerator, clean construction or demolition debris fill operation, or used tire storage site, the Illinois EPA must conduct an evaluation of the prospective owner's or operator's prior experience in waste management operations, clean construction or demolition debris fill operations, and tire storage site management. As part of that evaluation please complete and submit this form with your permit application.*

This form may be completed online and saved locally before printing, signing and submitting it to the Illinois EPA at the address below. If the form is completed manually, please type or print clearly.

Illinois Environmental Protection Agency  
Division of Land Pollution Control - #33  
39(i) Certification  
1021 North Grand Avenue East  
P.O. Box 19276  
Springfield, IL 62794-9276

### I. Applicant Information

Site Name Prairie Hill RDF IEPA BOL No.: 1950350014

Site Address 18762 Lincoln Road

City: Morrison State: IL Zip Code: 61270-9587

Permit Numbers (if applicable): 1994-579-LF

#### Owner

Owner Name: County of Whiteside

Street Address: 18819 Lincoln Road

City: Morrison State: IL Zip: 61270

#### Operator

Operator Name: Waste Management of Illinois, Inc.

Street Address: 18762 Lincoln Road

City: Morrison State: IL Zip: 61270

Is this 39(i) certification for the owner or the operator?

Owner  Operator  Owner and operator are the same entity

### II. Officers and Employees with Site Responsibility

Unless the owner and operator are the same entity, a separate 39(i) form must be submitted for both the owner and operator. Persons operating under the authority of the owner should be listed on the owner's 39(i) form and persons operating under authority of the operator should be listed on the operator's 39(i) form.

A. Officers: List the name and title of all officers of the owner or operator that will have personal involvement or active participation in the operation or management of the site or facility for which the application is submitted.

Name	Title

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IEPA-BOL  
PERMIT SECTION 5  
Page 1 of 5

B. Employees: List the name and title of each employee of the owner or operator that will have personal involvement or active participation in the overall operation or management of the site or facility for which the application is submitted (e.g. site managers, site engineers, and other persons who direct or control the overall day-to-day management of the operation, but not persons whose duties are exclusively limited to equipment operation, labor, or similar non-managerial functions).

Name	Title
Josh Hey (as agent of WM, not as individual)	Engineer III

III. Owner, Operator, Officer, and Employee Information

A. Prior Conduct Identification

The applicant must answer each of the following questions for every owner or operator, and for any officer or employee identified under Section II. If the answer to any of the following questions is affirmative, the applicant must complete an Attachment A for each person for whom the answer is affirmative and include a copy of each final administrative or judicial determination that required an affirmative response. If the information for each owner, operator, officer, and employee has not changed since the applicant's last submission of a 39(i) certification, the applicant can skip to Section III(C), below.

- 1) Has there been a finding that any person named in Section II violated federal, State, or local laws, regulations, standards, or ordinances in the operation of one or more waste management facilities or sites, clean construction or demolition debris fill operation facilities or sites, or tire storage sites?  Yes  
 No
- 2) Has any person named in Section II ever been convicted in this or another State of any crime which is a felony under the laws of this State, or convicted of a felony in a federal court; or convicted in this or another state or federal court of any of the following crimes: forgery, official misconduct, bribery, perjury, or knowingly submitting false information under any environmental law, regulation, or permit term or condition?  Yes  
 No
- 3) Has there been a finding against any person named in Section II of gross carelessness or incompetence in handling, storing, processing, transporting or disposing of waste, clean construction or demolition debris, or used or waste tires, or a finding of gross carelessness or incompetence in using clean construction or demolition debris as fill?  Yes  
 No

B. Pending Proceedings

The applicant must answer each of the following questions for every owner or operator, and for any officer or employee identified in Section II. If the answer to any of the following questions is affirmative, the applicant must complete an Attachment A for each person for whom the answer is affirmative and provide information identified in Attachment A regarding the pending proceeding.

- 1. Is there any proceeding currently pending against any person named in Section II that could result in a conviction or finding described in subsection A, above?  Yes  
 No
- 2. Is there any proceeding currently pending against any person named in Section II that could result in the reversal of a conviction or finding described in subsection A, above?  Yes  
 No

C. Prior Application Information

If (i) the applicant has previously submitted the Attachments required pursuant to subsections A and B above and (ii) the Attachments previously submitted are still complete, true, and correct, then the applicant does not need to include Attachments with this submission if the following box is checked:

By checking this box, I affirm that the Attachments previously submitted are still complete, true, and correct and wish to incorporate them into this Certification.

If the above box is checked, identify the application that contains the previously submitted Attachments that are complete, true, and correct.

\_\_\_\_\_

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JAN 17 2024

IEPA-BOL  
PERMIT SECTION



**Authorization for Release of Information**

This Certification must be signed by an officer of the applicant.

The undersigned authorizes any representative of the Illinois Environmental Protection Agency bearing this release to obtain any information from the Illinois State Police pertaining to the criminal records of the applicant and hereby directs the Illinois State Police to release such information upon request of the bearer. The undersigned authorizes a review of and full disclosure of all records, or any part thereof, concerning the applicant's criminal records by and to a duly authorized agent of the Illinois Environmental Protection Agency, whether the records are of public, private, or confidential nature. The intent of this authorization is to give consent for full and complete disclosure of the applicant's criminal records.

The undersigned fully understands that any information which is developed directly or indirectly, in whole or in part, as a result of this authorization will be considered in determining whether a permit shall be issued by the Illinois Environmental Protection Agency under the Environmental Protection Act [415 ILCS 5]. The undersigned further agrees to release the Illinois State Police and the Illinois Environmental Protection Agency, its agents and designees under this release, from any and all liability which may be incurred as a result of compliance with this authorization for release of information.

**Certification Statements**

I certify under penalty of law that the information submitted, including information on any Attachments submitted as part of or incorporated into this Certification, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

**Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))**

  
\_\_\_\_\_  
Signature of Applicant Officer

Josh Hey (as agent of WM, not as individual)  
\_\_\_\_\_  
Printed Name

1/12/2024  
\_\_\_\_\_  
Date

Engineer III  
\_\_\_\_\_  
Title

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JAN 17 2024  
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# Illinois Environmental Protection Agency

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## 39(i) Certification for Operating a Waste Management Facility

Pursuant to 415 ILCS 5/39(i), prior to issuing any RCRA permit, or any permit for a waste storage site, sanitary landfill, waste disposal site, waste transfer station, waste treatment facility, waste incinerator, clean construction or demolition debris fill operation, or used tire storage site, the Illinois EPA must conduct an evaluation of the prospective owner's or operator's prior experience in waste management operations, clean construction or demolition debris fill operations, and tire storage site management. As part of that evaluation please complete and submit this form with your permit application.

This form may be completed online and saved locally before printing, signing and submitting it to the Illinois EPA at the address below. If the form is completed manually, please type or print clearly.

Illinois Environmental Protection Agency  
Division of Land Pollution Control - #33  
39(i) Certification  
1021 North Grand Avenue East  
P.O. Box 19276  
Springfield, IL 62794-9276

### I. Applicant Information

Site Name Prairie Hill RDF IEPA BOL No.: 1950350014

Site Address 18762 Lincoln Road

City: Morrison State: IL Zip Code: 61270-9587

Permit Numbers (if applicable): 1994-579-LF

### Owner

Owner Name: County of Whiteside

Street Address: 18819 Lincoln Road

City: Morrison State: IL Zip: 61270

### Operator

Operator Name: Waste Management of Illinois, Inc.

Street Address: 18762 Lincoln Road

City: Morrison State: IL Zip: 61270

Is this 39(i) certification for the owner or the operator?

Owner       Operator       Owner and operator are the same entity

### II. Officers and Employees with Site Responsibility

Unless the owner and operator are the same entity, a separate 39(i) form must be submitted for both the owner and operator. Persons operating under the authority of the owner should be listed on the owner's 39(i) form and persons operating under authority of the operator should be listed on the operator's 39(i) form.

A. Officers: List the name and title of all officers of the owner or operator that will have personal involvement or active participation in the operation or management of the site or facility for which the application is submitted.

Name	Title

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JAN 17 2024  
IEPA-BOL  
PERMIT SECTION

B. Employees: List the name and title of each employee of the owner or operator that will have personal involvement or active participation in the overall operation or management of the site or facility for which the application is submitted (e.g. site managers, site engineers, and other persons who direct or control the overall day-to-day management of the operation, but not persons whose duties are exclusively limited to equipment operation, labor, or similar non-managerial functions).

Name	Title
Russell Renner, P.E.	County Engineer
Martin Koster	County Board Chairman

III. Owner, Operator, Officer, and Employee Information

A. Prior Conduct Identification

The applicant must answer each of the following questions for every owner or operator, and for any officer or employee identified under Section II. If the answer to any of the following questions is affirmative, the applicant must complete an Attachment A for each person for whom the answer is affirmative and include a copy of each final administrative or judicial determination that required an affirmative response. If the information for each owner, operator, officer, and employee has not changed since the applicant's last submission of a 39(i) certification, the applicant can skip to Section III(C), below.

- 1) Has there been a finding that any person named in Section II violated federal, State, or local laws, regulations, standards, or ordinances in the operation of one or more waste management facilities or sites, clean construction or demolition debris fill operation facilities or sites, or tire storage sites?  Yes  
 No
- 2) Has any person named in Section II ever been convicted in this or another State of any crime which is a felony under the laws of this State, or convicted of a felony in a federal court; or convicted in this or another state or federal court of any of the following crimes: forgery, official misconduct, bribery, perjury, or knowingly submitting false information under any environmental law, regulation, or permit term or condition?  Yes  
 No
- 3) Has there been a finding against any person named in Section II of gross carelessness or incompetence in handling, storing, processing, transporting or disposing of waste, clean construction or demolition debris, or used or waste tires, or a finding of gross carelessness or incompetence in using clean construction or demolition debris as fill?  Yes  
 No

B. Pending Proceedings

The applicant must answer each of the following questions for every owner or operator, and for any officer or employee identified in Section II. If the answer to any of the following questions is affirmative, the applicant must complete an Attachment A for each person for whom the answer is affirmative and provide information identified in Attachment A regarding the pending proceeding.

- 1. Is there any proceeding currently pending against any person named in Section II that could result in a conviction or finding described in subsection A, above?  Yes  
 No
- 2. Is there any proceeding currently pending against any person named in Section II that could result in the reversal of a conviction or finding described in subsection A, above?  Yes  
 No

C. Prior Application Information

If (i) the applicant has previously submitted the Attachments required pursuant to subsections A and B above and (ii) the Attachments previously submitted are still complete, true, and correct, then the applicant does not need to include Attachments with this submission if the following box is checked:

By checking this box, I affirm that the Attachments previously submitted are still complete, true, and correct and wish to incorporate them into this Certification.

If the above box is checked, identify the application that contains the previously submitted Attachments that are complete, true, and correct.

[Empty rectangular box for identifying the application]

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IEPA-BOL  
PERMIT SECTION

**Authorization for Release of Information**

This Certification must be signed by an officer of the applicant.

The undersigned authorizes any representative of the Illinois Environmental Protection Agency bearing this release to obtain any information from the Illinois State Police pertaining to the criminal records of the applicant and hereby directs the Illinois State Police to release such information upon request of the bearer. The undersigned authorizes a review of and full disclosure of all records, or any part thereof, concerning the applicant's criminal records by and to a duly authorized agent of the Illinois Environmental Protection Agency, whether the records are of public, private, or confidential nature. The intent of this authorization is to give consent for full and complete disclosure of the applicant's criminal records.

The undersigned fully understands that any information which is developed directly or indirectly, in whole or in part, as a result of this authorization will be considered in determining whether a permit shall be issued by the Illinois Environmental Protection Agency under the Environmental Protection Act [415 ILCS 5]. The undersigned further agrees to release the Illinois State Police and the Illinois Environmental Protection Agency, its agents and designees under this release, from any and all liability which may be incurred as a result of compliance with this authorization for release of information.

**Certification Statements**

I certify under penalty of law that the information submitted, including information on any Attachments submitted as part of or incorporated into this Certification, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

**Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))**

*Martin Koster*

Signature of Applicant Officer

10/6/2023

Date

Martin Koster

Printed Name

County Board Chairman

Title

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# Illinois Environmental Protection Agency

Bureau of Land • 1021 N. Grand Avenue E. • Box 19276 • Springfield • Illinois • 62794-9276

## Notice of Application for Permit to Manage Waste (LPC-PA16)

Date: January 12, 2024

**To Elected Officials and Concerned Citizens:**

The purpose of this notice is to inform you that a permit application has been submitted to the Illinois EPA, Bureau of Land, for a solid waste project described below. You are not obligated to respond to this notice, however, if you have any comments, please submit them in writing to the Bureau of Land, Attn: Permit Section, at the above address, or contact the Permit Section at 217/524-3300 within 21 days.

**NOTE: Please complete this form online, save a copy locally, print and submit it to the Permit Section #33, at the above.**

The permit application, which is identified below, is for a project described at the bottom of this page.

**Site Identification:**

Site Name: Prairie Hill RDF IEPA ID Number: 1950350014  
 Street Address: 18762 Lincoln Road P.O. Box: \_\_\_\_\_  
 City: Morrison State: IL Zip Code: 61270 County: Whiteside

**TYPE OF PERMIT SUBMISSIONS:**

**TYPE OF FACILITY:**

**TYPE OF WASTE:**

- New Landfill
- Landfill Expansion
- First Significant Modification
- Significant Modification to Operate
- Other Significant Modification
- Renewal of Landfill
- Development
- Operating
- Supplemental
- Transfer
- Name Change
- Generic

- Landfill
- Land Treatment
- Transfer Station
- Treatment Facility
- Storage
- Incinerator
- Composting
- Recycling/Reclamation
- Other (Specify) \_\_\_\_\_

- General Municipal Refuse
- Hazardous
- Special (Non-Hazardous)
- Chemical Only (exec. putrescible)
- Inert Only (exec. chem. & putrescible)
- Used Oil
- Solvents
- Landscape/Yard Waste
- Other (Specify) \_\_\_\_\_

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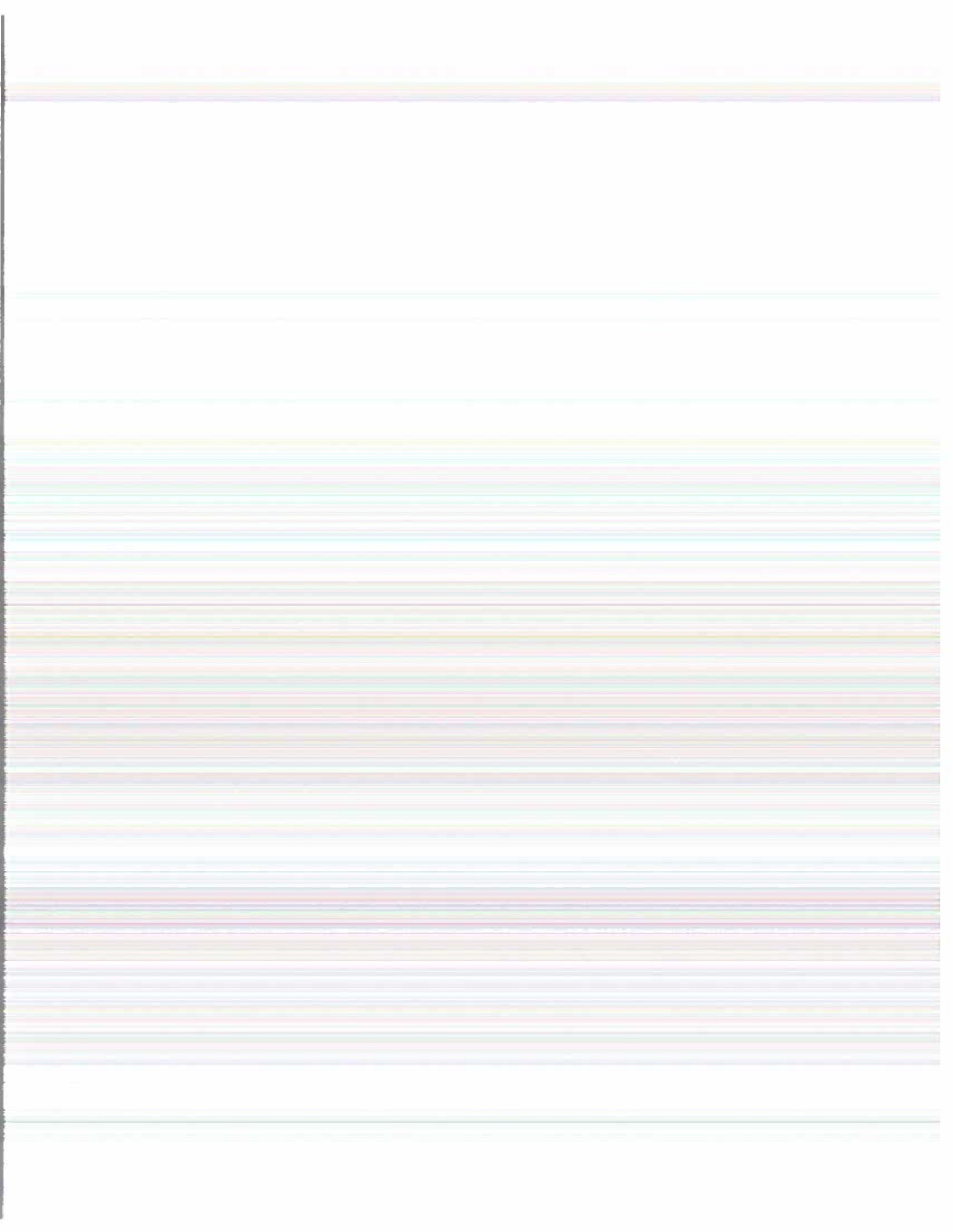
JAN 17 2024

IEPA-BOL  
PERMIT SECTION

**Description of Project:**

Application proposing to accept off site leachate from other WM operated facilities for processing in the existing evaporator

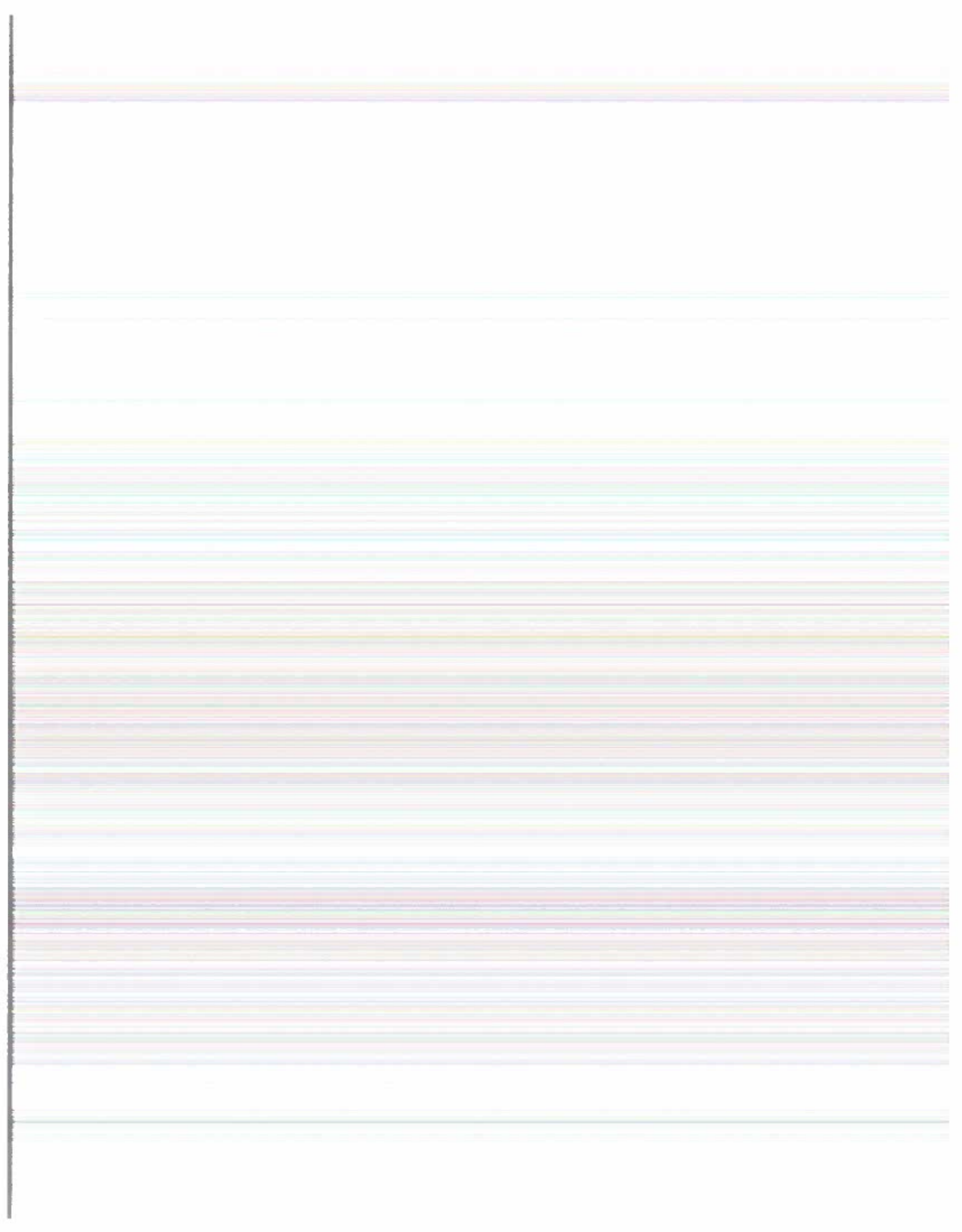
**ATTACHMENT 1**  
**SITE LOCATION MAP**



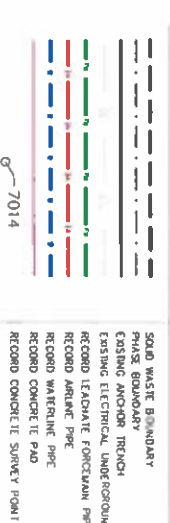
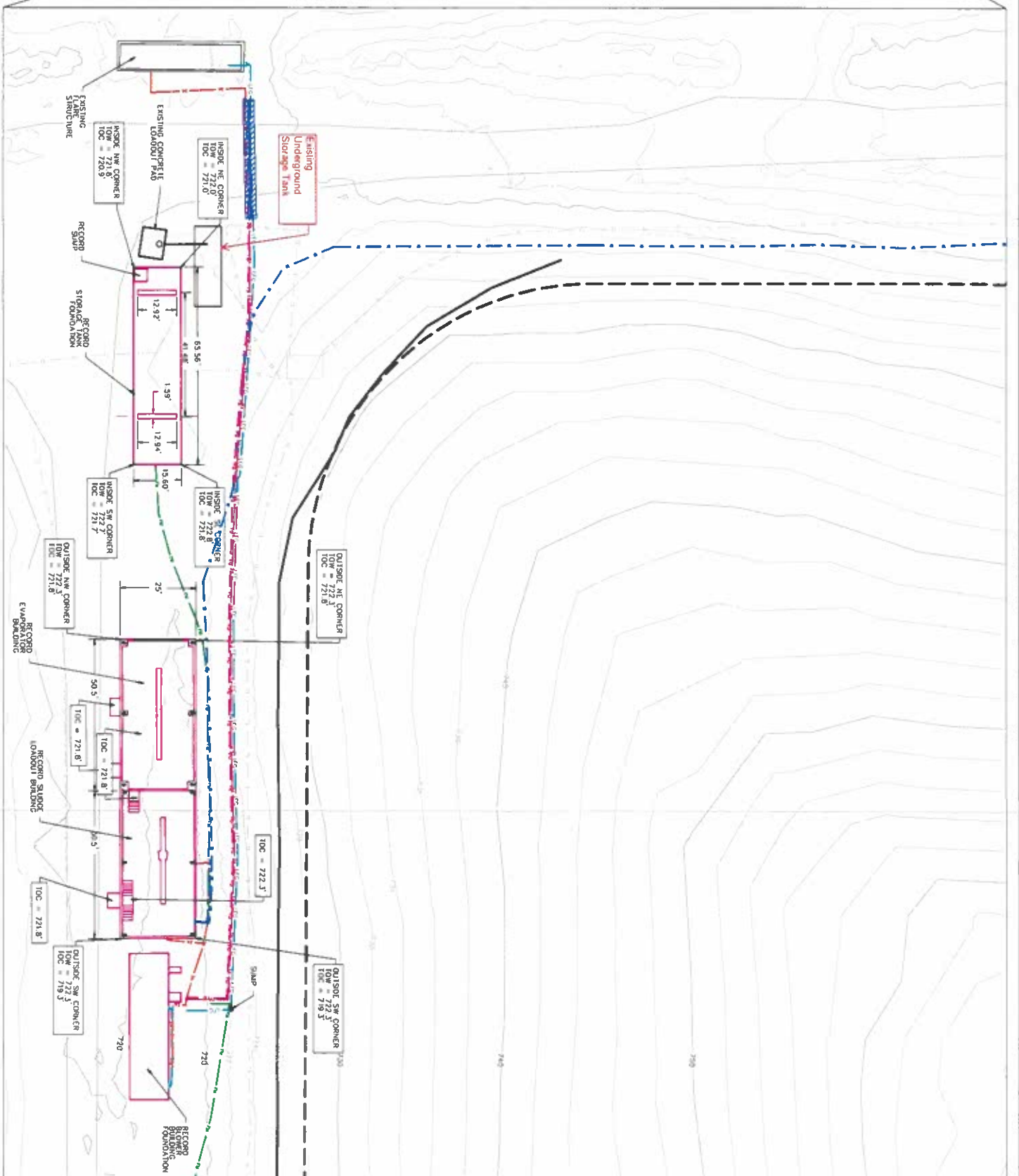
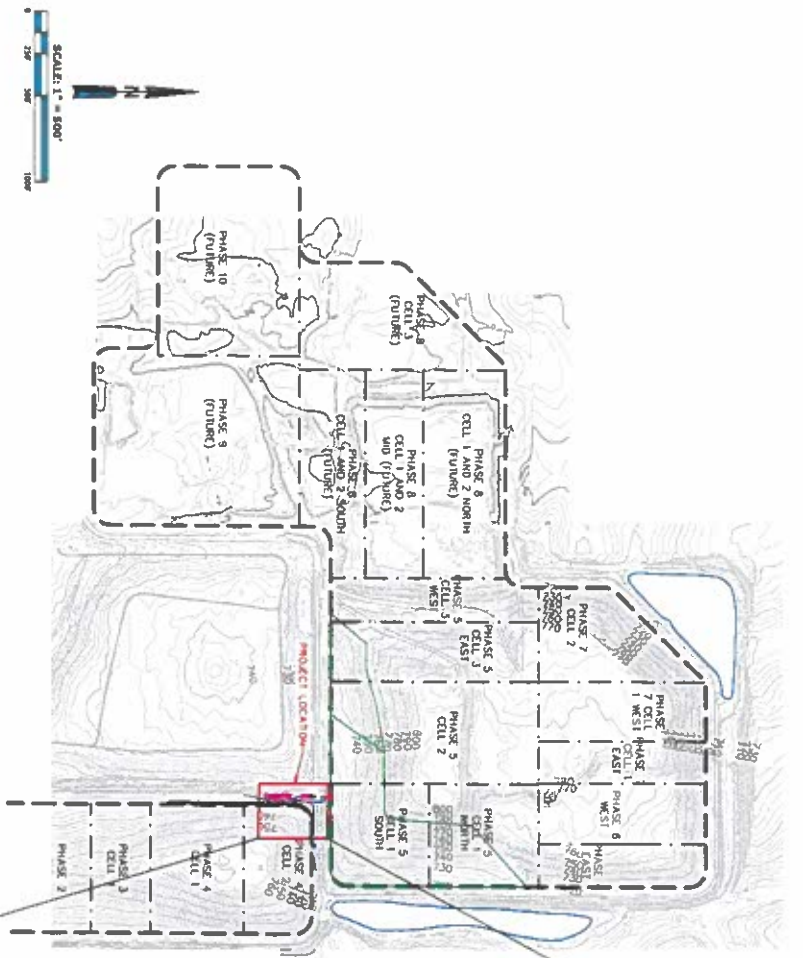




**ATTACHMENT 2**  
**EVAPORATOR LOCATION AND LAYOUT**

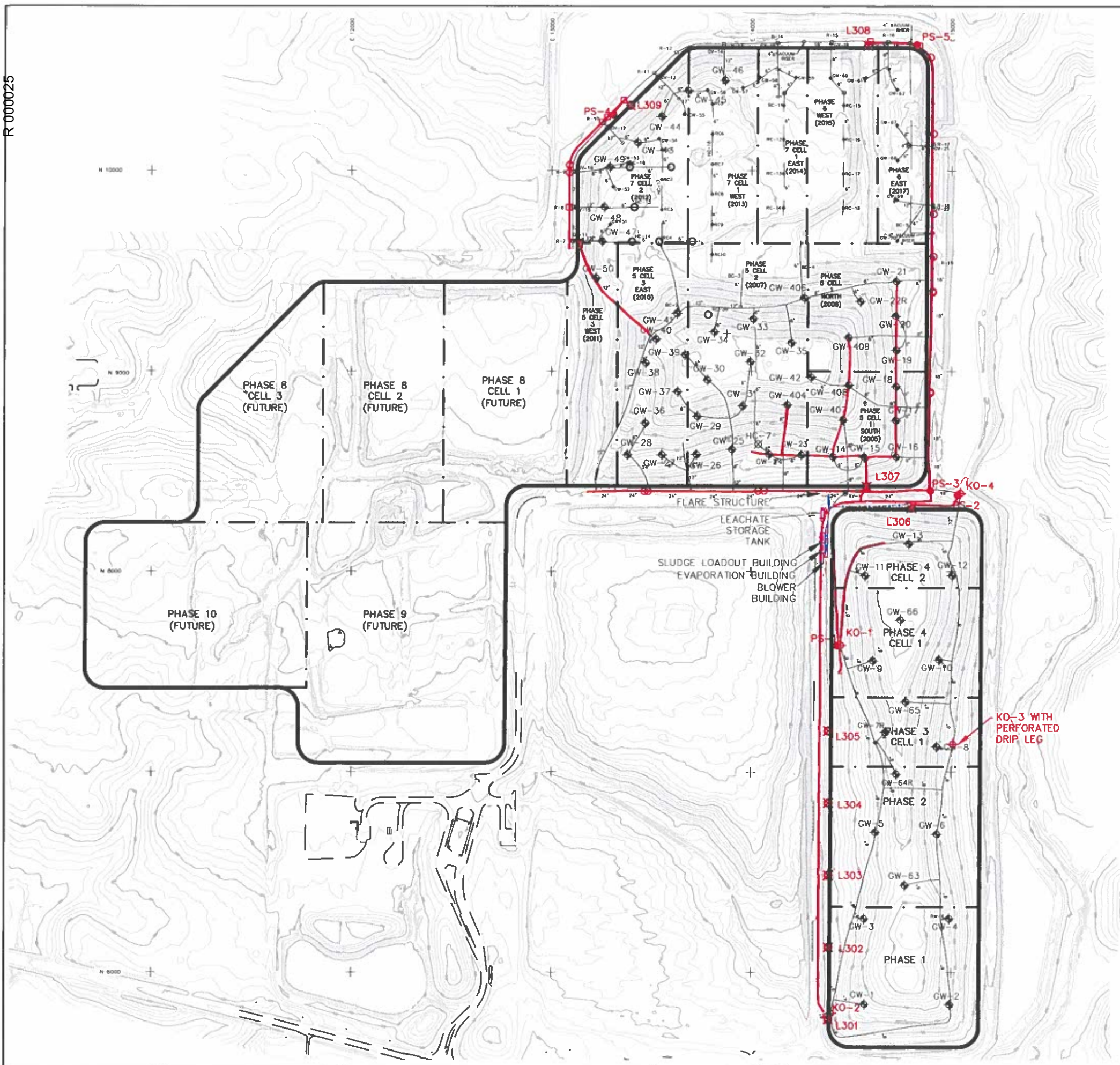






- NOTES:**
- EXISTING GRADE CONTOURS CREATED FROM FIELD SURVEYS PERFORMED BY WEAVER CONSULTANTS GROUP ON APRIL 5, 2022.
  - ELEVATIONS ARE USGS MEAN SEA LEVEL DATUM.
  - HORIZONTAL DATUM IS BASED ON KANSAS STATE PLANE COORDINATE SYSTEM. VERTICAL DATUM IS BASED ON USGS MEAN SEA LEVEL.
  - AS BUILT POINTS PROVIDED BY WEAVER CONSULTANTS GROUP ON AUGUST 15, 2022 AND SEPTEMBER 9, 2022.





**LEGEND**

- APPROXIMATE SOLID WASTE BOUNDARY
- APPROXIMATE PHASE BOUNDARY
- 10' CONTOUR
- 2' CONTOUR
- EXISTING LFG PIPE
- EXISTING FORCEMAIN
- EXISTING CLEANOUT
- EXISTING PUMPING STATION
- EXISTING FORCEMAIN RISER
- EXISTING KNOCKOUT
- EXISTING ROCK COLUMN
- EXISTING GAS WELL
- EXISTING HORIZONTAL WELLHEAD
- SUMP RISER
- EXISTING ELECTRICAL UNDERGROUND
- RECORD LEACHATE FORCEMAIN PIPE
- RECORD AIRLINE PIPE
- RECORD WATERLINE PIPE
- RECORD CONCRETE PAD
- RECORD HORIZONTAL COLLECTOR WELLHEAD
- RECORD BLIND FLANGE

**NOTES:**

1. THIS DRAWING SHOWS THE EXTENT OF THE GAS MANAGEMENT SYSTEM AS OF 01/04/20.
2. CONTOURS SHOWN ARE FROM TOPOGRAPHIC BASE MAP FLOWN ON APRIL 18, 2017 BY WEAVER CONSULTANTS GROUP.

**LEACHATE STORAGE AREA**

~20,000 UNDERGROUND GAL CAPACITY  
 ~40,000 ABOVEGROUND GAL CAPACITY

PREPARED FOR: **LIQUID MANAGEMENT INFRASTRUCTURE**  
 PROABIE HILL RDP  
 MORRISON, ILLINOIS

WEAVER CONSULTANTS GROUP  
 1115 BOND STREET SUITE 100  
 MAHOMET, ILLINOIS 62453  
 (618) 717-4848  
 www.wcgrp.com

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 This document, and the designs incorporated herein, is an instrument of professional service, is the property of Weaver Consultants Group, and is not to be used in whole or in part, without the written authorization of Weaver Consultants Group.

DATE	
BY	
REVISED BY	
FILE	
CAD	

DATE: 9/22/2023  
 FILE: 0086-006-52  
 CAD: PH001356.dwg

SCALE: 1" = 500'

**WEAVER CONSULTANTS GROUP**

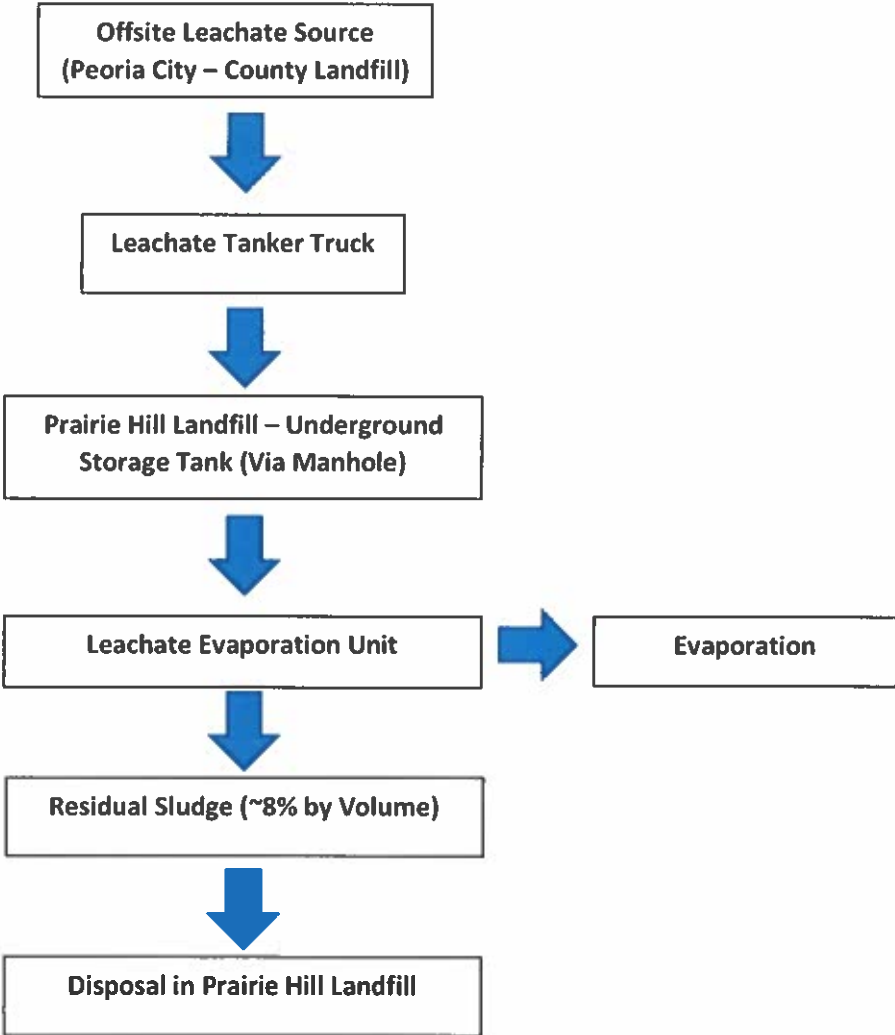
BY: [Signature]  
 CJB  
 9/22/2023  
 0086-006-52  
 PH001356.dwg

**SHEET 1**

**ATTACHMENT 3**  
**PROCESS FLOW DIAGRAM**

### Process Flow Diagram

### Offsite Leachate Acceptance for Disposal in Prairie Hill Evaporator Unit





**ATTACHMENT 4**  
**OPERATING LOG**



DATE	LEACHATE	EFFLUENT	EVAPORATION	LEACHATE TOTALIZER	EFFLUENT TOTALIZER	307 TOTALIZER	308 TOTALIZER	309 TOTALIZER	NOTES
9/1/2023	21134	693	2041	181263	20049	456418	518573	366544	
9/2/2023	21162	1346	18916	183124	200756	456418	518573	366544	
9/3/2023	0	0	0	184163	200756	456418	518573	366544	
9/4/2023	0	0	0	184163	200756	456418	518573	366544	
9/5/2023	0	0	0	184163	200756	456418	518573	366544	
9/6/2023	10105	557	9548	1864391	201313	468239	522547	376061	start up at 1007
9/7/2023	21603	662	20941	1884568	201975	473399	535182	383105	
9/8/2023	21469	199	21290	190404	202641	477735	547525	383105	
9/9/2023	12048	469	11435	1918182	202643	480718	552732	392412	lots of power shutdown at 0436/start up 1455
9/10/2023	0	0	0	1918182	202643	480718	552732	392412	
9/11/2023	0	0	0	1918182	202643	480718	552732	392412	
9/12/2023	10364	204	10160	1948068	203033	486924	557564	394847	
9/13/2023	10229	184	10045	1948632	203033	503930	562093	398981	shutdown at 1345 for monthly cleaning
9/14/2023	2325	700	1535	1950867	203033	504606	571863	408122	
9/15/2023	13425	0	13425	1973425	203033	504606	571863	408122	start up at 0938
9/16/2023	11218	0	11218	1975510	203033	511997	573382	409603	
9/17/2023	0	0	0	1975510	203033	511997	573382	409603	
9/18/2023	0	0	0	1975510	203033	511997	573382	409603	
9/19/2023	10823	712	10111	1994347	203033	522786	577892	413238	start up at 1034
9/20/2023	21715	481	21234	2012300	210201	524602	577892	413238	
9/21/2023	18690	6923	11767	2034255	217124	531550	581941	413238	lots of power shutdown at 0449/start up 1455
9/22/2023	20022	0	20022	205418	217124	536670	584904	420370	
9/23/2023	13603	2562	11879	2082845	219435	544157	592969	427512	
9/24/2023	0	0	0	2082845	219435	544157	592969	427512	
9/25/2023	0	0	0	2082845	219435	544157	592969	427512	
9/26/2023	11476	1611	9665	2100655	225865	550031	602740	441868	start up at 1255
9/27/2023	19623	2327	17296	2128906	225222	567327	602943	441868	
9/28/2023	24052	2975	21077	2139561	227164	578850	613603	452742	
9/29/2023	0	0	0	2139561	227164	578850	613603	452742	shutdown at 0205 low leachate
9/30/2023	0	0	0	2139561	227164	578850	613603	452742	
Total	295016	24605	273055			579335	614225	457665	

**Khairallah, Carlos**

---

**From:** Lee, Philip  
**Sent:** Friday, February 23, 2024 11:24 AM  
**To:** Khairallah, Carlos  
**Subject:** RE: Log No. 2024-014 for 1950350014 - Prairie Hill RDF (Leachate Evaporator)

Good morning Carlos,

Log No. 2023-237 Modification No. 118 approved the 2023 Closure/Post-Closure Care cost estimate on 8/29/2023. The 2023 cost estimate for closure is \$6,850,324, post-closure care is \$7,047,000, and decommissioning cost is \$71,217, totaling \$13,968,541.

Thanks and have a great weekend.

---

**From:** Khairallah, Carlos <Carlos.Khairallah@Illinois.gov>  
**Sent:** Friday, February 23, 2024 10:41 AM  
**To:** Lee, Philip <Philip.Lee@Illinois.gov>  
**Subject:** Log No. 2024-014 for 1950350014 - Prairie Hill RDF (Leachate Evaporator)

Philip,

We have application Log No. 2024-014 for 1950350014 - Prairie Hill RDF requesting to develop a transfer facility at the existing Prairie Hill RDF solid waste landfill. The facility is located at 18762 Lincoln Road, Morrison, Illinois 61270 in Whiteside County. The purpose of the facility and permit application is to accept offsite leachate from other WM operated facilities for disposal in the leachate evaporator. As per brief narrative in cover page of the application, the operations being proposed in this application should not require an independent Closure/Post-Closure Plan. The site will utilize the existing plan approved under Permit No. 1994-579-LF. See permit Modification No. 116, Log No. 2022-402 attached. Being the landfill permit reviewer, please confirm if that is correct ASAP. Your help is greatly appreciated.

Regards,

Carlos Khairallah (Karella)  
Illinois Environmental Protection Agency  
Bureau of Land/Permit Section  
(217) 557-1435  
[Carlos.Khairallah@Illinois.gov](mailto:Carlos.Khairallah@Illinois.gov)





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# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

Pink R 000033

217/524-3301

FEB 10 2023

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

7011 1150 0001 0857 9015

The County of Whiteside  
Attn: Russell Renner  
200 E. Knox St.  
Morrison, Illinois 61270-9587

Waste Management of Illinois, Inc.  
Attn: Mike Wiersema  
18762 Lincoln Road  
Morrison, Illinois 61270-9587

Re: 1950350014 -- Whiteside County  
Prairie Hill RDF  
Permit No. 1994-579-LF  
Modification No. 116  
Log No. 2022-402  
Expiration Date: July 15, 2025  
Permit Landfill 811 File  
Permit Approval

IEPA-DIVISION OF RECORDS MANAGEMENT  
REFASABLE

APR 04 2023

REVIEWER: EMI

Dear Mr. Renner and Mr. Wiersema:

Permit has been granted to the County of Whiteside as owner and Waste Management of Illinois, Inc., as operator, approving development of new municipal solid waste landfill all in accordance with the application and plans provided in Application Log No. 1994-579, specifications, application, and supporting documents, as submitted and approved, shall constitute part of this permit and are identified in the records of the Illinois Environmental Protection Agency (Illinois EPA), Bureau of Land, Division of Land Pollution Control by the permit number and log number designated in the heading above.

Permit No. 1994-579-LF, issued on July 10, 1995, approved the development of a new putrescible waste landfill unit pursuant to 35 IAC Subtitle G Chapter I Subchapter i Parts 811, 812, and 813. This 813 landfill is designed to handle municipal solid waste and non-hazardous special waste, with a disposal area of approximately 229 acres and will have a final peak elevation of 877 feet above mean sea level with an estimated air space capacity (excluding final cover) of 28,300,000 cubic yards. This should provide for the disposal of an estimated 49,800,000 gate yards. Additionally, Permit No. 1994-579-LF approved:

- A. The Significant Modification of the development and operation of this landfill so as to comply with the applicable requirements of Title 35, Illinois Administrative Code (hereinafter 35 IAC), Subtitle G, Parts 811 and 812, pursuant to 35 IAC, Sections 813.101;
- B. Transfer of landscape waste and recyclables; and

2125 S. First Street, Champaign, IL 61820 (217) 278-5800  
1101 Eastport Plaza Dr., Suite 100, Collinsville, IL 62234 (618) 346-5120  
9511 Harrison Street, Des Plaines, IL 60016 (847) 294-4000  
595 S. State Street, Elgin, IL 60123 (847) 608-3131

2309 W. Main Street, Suite 116, Marion, IL 62959 (618) 993-7200  
412 SW Washington Street, Suite D, Peoria, IL 61602 (309) 671-3022  
4302 N. Main Street, Rockford, IL 61103 (815) 987-7760

Page 2

- C. Acceptance of special waste streams without individual special waste stream authorizations, in accordance with the special conditions listed in Part III of this permit.

Note: Modification No. 25 to Permit No. 1994-579-LF reduced the disposal area from approximately 229 acres to approximately 226.6 acres. This reduction in disposal area is due to redesign of the landfill proposed in application Log No. 2001-229 and approved in Modification No. 25.

Modification No. 116 is hereby granted to the County of Whiteside as owner and Waste Management of Illinois, Inc. as operator, allowing modification of an existing municipal solid waste landfill all in accordance with application Log No. 2022-402. Application Log No. 2022-402 was prepared, signed and sealed by Joshua Hey, P.E., of Waste Management of Illinois, on November 28, 2022.

The permit application approved by Modification No. 116 consists of the following documents:

<u>DOCUMENT</u>	<u>DATED</u>	<u>DATE RECEIVED</u>
Original Application Log No. 2022-402	November 29, 2022	December 01, 2022
Additional Information	January 11, 2023	January 13, 2023

Modification No. 116 approves the request to construct a new leachate evaporator for liquids management.

Except for the differences described in the table below, the special conditions in Modification No. 116 to Permit No. 1994-579-LF are identical to the special conditions in Modification No. 115, issued July 5, 2022.

Special Condition No. in Modification No. 115	Special Condition No. in Modification No. 116	Description of Revision
II.17.j	II.17.j	Removed hyperlink.
III.2	III.2	Removed hyperlink.
III.6	III.6	Removed hyperlink.
III.7	III.7	Removed hyperlink.
V.6	V.6	Removed hyperlink.
V.14	N/A	Removed condition.

Pursuant to Section 39(a) of Illinois Environmental Protection Act (Act) [415 ILCS 5/39(a)] and 35 IAC, 813.104(b), this permit is issued subject to the development, operating and reporting requirements for non-hazardous waste landfills in 35 IAC, Parts 810, 811, 812, 813 and 814 the standard conditions attached hereto, and the following special conditions. In case of conflict between the permit application and these conditions (both standard and special), the conditions of this permit shall govern.

**I. CONSTRUCTION QUALITY ASSURANCE**

1. All necessary surface drainage control facilities shall be constructed prior to other disturbance in any area.
2. No part of the new unit shall be placed into service until a acceptance report for all the activities listed below has been submitted to and approved by the Illinois EPA as a significant modification pursuant to 35 IAC, 811.505(d) and 813.203. A separate significant modification for operating authorization will be required for each additional area/structure constructed.
  - a. Compaction of the subgrade and foundation to design parameters;
  - b. Installation of the compacted earth liner;
  - c. Installation of a geomembrane;
  - d. Installation of the leachate drainage, collection and management systems;
  - e. Application of final cover;
  - f. Installation of gas control facilities; and
  - g. Construction of ponds, ditches, lagoons and berms.
3. The permittee shall designate an independent third party contractor as the Construction Quality Assurance (CQA) Officer(s). The CQA Officer(s) shall be an Illinois Certified Professional Engineer who is independent from and not under the control or influence of the operator, any employee of the operator, or any other corporation, company or legal entity that is a subsidiary, affiliate, parent corporation or holding corporation associated with the operator.
4. Except as provided below, the CQA Officer(s) designated pursuant to Condition I.3 shall personally be present during all construction and testing that is subject to CQA certification pursuant to 35 IAC 811.503(a). If the CQA Officer(s) is unable to be present as required, then a written explanation and signed statement must be provided pursuant to 35 IAC 811.503(b).
5. The clay portion of the liner shall be tested for density and moisture content at the rate of five tests per lift per acre.
6. If the clay portion of the liner has been exposed to freezing conditions, it must be retested pursuant to 35 IAC 811.321(b)(4) at the rate of one laboratory permeability test on an undisturbed sample per acre. The designated CQA officer(s) shall then certify that the clay portion of the liner and all necessary repairs to the geomembrane and leachate drainage layer meet the required design

standards. This certification must be provided to the Illinois EPA prior to disposal of waste on the subject portion of the liner. If operating authorization has not yet been issued for that area, the recertification shall be included in the application for Significant Modification of Permit to Obtain Operating Authorization for that area.

7. The CQA Officer's acceptance report for each area proposed for operating authorization shall include a certification that a temporary leachate containment/stormwater diversion berm has been constructed around the perimeter of the area proposed for operation. The berm shall be a minimum of four (4) feet in height and be placed as required to prevent leachate accumulations from flowing into the stormwater drainage and control system and prevent stormwater from flowing into the leachate collection system.
8. Applications for operating authorization shall not be made for areas of less than 1.5 acre increments.
9. All standards for testing the characteristics and performance of materials, products, systems and services shall be those established by the American Society for Testing and Materials (ASTM) unless otherwise stated in the permit application.
10. Pursuant to 35 IAC, Section 811.505(d), upon completion of construction of each major phase, the CQA Officer(s) shall submit an acceptance report to the Illinois EPA. The acceptance report shall be submitted before the structure is placed into service and shall contain the following:
  - a. A certification by the CQA Officer(s) that the construction has been prepared and constructed in accordance with the engineering design;
  - b. As-built drawings; and
  - c. All daily summary reports.
11. The incremental development procedure described in Application Log No. 1997-432 is hereby approved. The following procedure may be used for the completion of the drainage layer and associated filter over a sidewall liner that does not include geosynthetic clay liner and for which a significant modification to operate has been obtained.
  - a. The operator shall maintain a minimum "freeboard" of one (1) foot between the top edge of the drainage layer the waste.
  - b. Just prior to installing an increment of the drainage layer, the sidewall liner in that area shall be inspected. Any areas damaged shall be reconstructed in accordance with the Construction Quality Assurance program approved by this permit.

- c. After each increment of the drainage layer and filter up the sidewall is completed, the operator shall provide written notification and documentation of its completion to the Illinois EPA's Rockford Regional Office. Upon receipt of the notification, the inspector shall be allowed fifteen days to examine the construction. The Illinois EPA is not obligated to approve the construction or certification. The operator may dispose of refuse against the new increment of drainage layer and filter after the fifteen day period if, having complied with the terms of this condition, the operator is not informed of a problem by the Illinois EPA or its agents.
  - d. At the same time the Rockford Regional Office or delegated government is given notification that an increment of the sidewall drainage layer and filter has been completed, the Permit Section shall be provided with the information required in an Acceptance Report pursuant to 35 IAC, 811.505(d) on its construction.  
(Modification No. 9 – Revised Modification No. 59)
12. All stakes and monuments marking property boundaries and the permit area shall be maintained, inspected annually and surveyed no less frequently than once in five years by a professional land surveyor. Any missing or damaged stakes or monuments discovered shall be replaced and resurveyed.
13. Effective upon issuance of Modification No. 65 (Log No. 2011-548), all testing, including conformance and seaming, of the geomembrane used shall meet the Geosynthetic Research Institute's requirements with the following exceptions: For the geomembrane used in the bottom liner, the minimum thickness must be within 5% of nominal for all samples, i.e. 60 mil liner must be at least 57 mil; and UV resistance testing is not necessary unless the geomembrane is exposed for more than 30 days.
14. The alternate liner design approved in Modification No. 59 (Log No. 2009-535) allows the incorporation of Geosynthetic Clay Liner (GCL). Table 12-4 of the CQA Plan includes conformance testing requirements for the GCL. Except for permeability, all the GCL properties listed in Table 12-4 of the CQA plan should be tested at least once for every phase of alternate liner construction by an independent third party laboratory. GCL permeability shall be tested at least once per 100,000 square feet or once per production lot whichever dictates a higher frequency by an independent third party laboratory.
15. Operating permit applications for new liners that include GCLs must demonstrate that the internal shear strength of the GCL is greater than the interface strength for GCL/clay liner and geomembrane/GCL interfaces. Both these properties are included in Table 12-4 of the CQA plan provided in the addendum dated March 17, 2010 to application Log No. 2009-535.
16. GCL used on the liner sideslopes shall have minimum peel strength of 12 lbs/inch.

17. The composite liner and leachate collection systems at this landfill consist of the following (descriptions are from top to bottom):

Option A

- 4 oz/yd<sup>2</sup> filter geotextile
- 1-foot thick leachate drainage layer
- 10 oz/yd<sup>2</sup> cushion geotextile
- 60 mil HDPE textured geomembrane
- 3-foot thick compacted clay with hydraulic conductivity no greater than  $1 \times 10^{-7}$  cm/sec.

Option B

- 4 oz/yd<sup>2</sup> filter geotextile
- 1-foot thick leachate drainage layer
- 10 oz/yd<sup>2</sup> cushion geotextile
- 60 mil HDPE textured geomembrane
- Geosynthetic Clay Liner (GCL) with hydraulic conductivity no greater than  $5 \times 10^{-9}$  cm/sec (2 layers of GCL in all leachate trenches and sumps)
- 3-foot thick compacted clay with hydraulic conductivity no greater than  $1 \times 10^{-5}$  cm/sec.

II. OPERATING CONDITIONS

1. Pursuant to 35 IAC, 811.107(a) and 811.107(b), throughout the operating life of this landfill, waste shall not be placed in a manner or at a rate which results in unstable internal or external slopes or interference with construction, operation or monitoring activities.
2. The operator of this solid waste facility shall not conduct the operation in a manner which results in any of the following:
  - a. refuse in standing or flowing waters;
  - b. leachate flows entering waters of the State;
  - c. leachate flows exiting the landfill confines (i.e., the facility boundaries established for the landfill in a permit or permits issued by the Illinois EPA);
  - d. open burning of refuse in violation of Section 9 of the Environmental Protection Act;
  - e. uncovered refuse remaining from any previous operating day or at the conclusion of any operating day, unless authorized by permit;

- f. failure to provide final cover within time limits established by Board regulations;
  - g. acceptance of wastes without necessary permits;
  - h. scavenging as defined by Board regulations;
  - i. deposition of refuse in any unpermitted (i.e., without an Illinois EPA approved significant modification authorizing operation) portion of the landfill;
  - j. failure to submit reports required by permits or Board regulations;
  - k. failure to collect and contain litter from the site by the end of each operating day.
  - l. failure to submit any cost estimate for the site or any performance bond or other security for the site as required by Section 21.0.13 of the Illinois Environmental Protection Act.
3. Moveable, temporary fencing shall be used to prevent blowing litter when the refuse is above the natural ground line.
4. At the end of each day of operation all exposed waste shall be covered with clean soil at least six (6) inches thick or an approved alternate daily cover.
5. Geotextile fabric panels, thick degradable plastic sheets, clean construction and demolition debris, contaminated soil, and auto fluff, are approved for use as alternate daily cover materials pursuant to the plans in application Log Nos. 1994-579, 1996-101, 2001-456, 2008-373, 2016-035, and the conditions listed below. Use of these alternate materials shall be subject to the specific performance based criteria for each alternate daily cover materials as proposed in application Log Nos. 2001-456, 2008-373, and 2016-035, and to the following conditions:
- a. The operator shall keep a record when an alternate cover is used and include a description of the type of alternate cover, weather conditions and its performance. A summary of this information shall be provided with this facility's annual reports.
  - b. Geotextile fabric panels and plastic sheets shall be anchored adequately to prevent the wind from damaging the integrity of the daily cover. If the material is torn during or after placement, it must be repaired immediately or the damaged area covered with six inches (6") of daily cover soil. If tires are used as weights for the alternate daily cover, they shall be altered



or converted tires, in accordance with Title 35 IAC Subtitle G, Part 848: Management of Used and Waste Tires.

- c. If weather or other conditions exist that adversely affect the ability of the alternate cover to prevent blowing litter, susceptibility to fire, odors, or vectors, six inches (6") of daily cover soil shall be used.
  - d. If any alternate materials other than those approved by this permit are to be used, they must be approved by the Illinois EPA through the permit process pursuant to 35 IAC, 811.106(b), 812.111(b) and 813.201(a).
  - e. Any alternate daily cover, which has been used for daily cover, shall not be used for any other purpose (including road underlayment and erosion control) outside of the permitted waste boundaries.
  - f. All alternate daily covers must meet the requirements of 35 IAC, 811.106(b)(1) through (4) at all times.
  - g. The condition of the alternate daily cover materials used as daily cover shall be inspected at the beginning of each shift to determine if its integrity or continuity has been damaged by sun exposure, wind or physical contact. If the inspection reveals that the structural integrity or continuity has been damaged or if uncovered refuse is observed in the covered areas the damaged or uncovered areas shall be repaired immediately to restore a continuous uniform cover over the waste. If any problems develop from covering the waste with a particular alternate daily cover, the use of the offending cover shall immediately cease until the cause of the problem is determined and necessary corrective action taken. A record of the inspection and subsequent corrective action taken shall be made available to the Illinois EPA personnel upon request.
  - h. When an alternate daily cover reaches the end of its useful life and can no longer meet the requirements of 35 IAC, 811.106(b)(1) through (4), it shall be removed and/or replaced with six (6) inches of cover soil or an approved alternate daily cover.
  - i. If the Illinois EPA's Rockford Regional Office determines that any alternate daily cover material is not performing satisfactorily as daily cover, the operator shall cease using it as daily cover immediately upon receipt of a written notification of such determination.
6. The following conditions apply when clean construction and demolition debris is used as alternate daily cover:
- a. Clean construction or demolition debris shall meet the definition from Section 3.160(b) of the Act

- b. **Clean construction or demolition debris shall be placed in a manner that does not leave unacceptably large voids or open passages to the waste mass.**
  - c. **A minimum thickness of six inches of clean construction or demolition debris shall be applied as alternate daily cover.**
  - d. **If the clean construction or demolition debris becomes eroded after placement, it will be repaired immediately or the damaged area will be covered with six inches of daily cover soil or an approved alternate daily cover.**
  - e. **Clean construction or demolition debris shall not be removed after use as an alternate daily cover.**
  - f. **Storage of clean construction or demolition debris for use as alternate daily cover is further subject to the following conditions:**
    - i. **Storage shall not exceed 10,000 cubic yards at any time.**
    - ii. **Storage shall occur within the landfill waste footprint and shall not exceed the permitted final waste contours.**
    - iii. **Any single stockpile shall not exceed a storage time of six (6) months. After six (6) months, the debris shall be used as alternate daily cover or disposed in the landfill.**
7. **The following conditions apply when contaminated soil is used as alternate daily cover:**
- a. **Only contaminated soil that has been classified in accordance with the requirements in Section 22.48 of the Act may be used as alternate daily cover.**
  - b. **Use of contaminated soil as alternate daily cover shall be limited to areas where runoff will be collected by the leachate collection system.**
  - c. **Contaminated soil shall not be stockpiled. Excess soil beyond the amount needed at the end of the day of operation as daily cover shall be disposed in the landfill.**
  - d. **Contaminated soil with obnoxious odors shall not be used as alternate daily cover. Each load of contaminated soil to be used as alternate daily cover shall be inspected to ensure use as daily cover will not generate obnoxious odors and shall prevent the threat of fires.**

- e. Contaminated soil shall not be removed after use as alternate daily cover.
  - f. In addition to the recordkeeping requirements of Special Conditions II.5(a) and II.5(g) the operator shall keep a record of the date of use as daily cover, a description of the contaminant, generator name and number, daily cover use location and quantity used.
8. The following conditions apply when auto fluff is used as alternate daily cover:
- a. The landfill operator is responsible for:
    - i. Ensuring that auto fluff (aka shredder fluff), which is used as ADCM, remains in the landfill and is not released or dispersed by wind or other action; and
    - ii. Complying with all applicable Federal, State, and local laws and regulations.
  - b. The landfill operator must ensure that all shredder fluff used as ADCM: i) is generated at shredding facilities that have operating plans in place to remove components that may contain PCB's (polychlorinated biphenyls) and other contaminants, and ii) is produced in adherence with the operating plans. Such operating plans must include the following concerning recyclable metals processing and components which may contaminate waste from shredding recyclable metals (such as lead acid batteries, fuel tanks, or components that contain or may contain PCB's in a closed system such as a capacitor or ballast):
    - i. Procedures for inspecting recyclable metals when received to assure that such components are identified;
    - ii. A list of equipment and removal procedures to be used to assure proper removal of such components;
    - iii. Procedures for safe storage of such components after removal and any waste materials;
    - iv. Procedures to assure that such components and waste materials will only be stored for a period long enough to accumulate the proper quantities for off-site transportation;
    - v. Identification of how such components and waste materials will be managed after removal from the site to assure proper handling and disposal;
    - vi. Procedures for sampling and analyzing waste intended for disposal or off-site handling as a waste; and
    - vii. A demonstration, including analytical reports, that any waste generated is not a hazardous waste and will not present a potential threat to human health or the environment.

- c. The following special conditions apply to the use of shredder fluff as ADCM:
- i. When shredder fluff is used as ADCM, it must be applied in a continuous layer at least six inches thick;
  - ii. Shredder fluff from the Pielet Brothers site in Summit, Illinois, cannot be used as ADCM;
  - iii. Only shredder fluff that was generated after the effective day of, and in compliance with, the PCB Mega Rule (63 FR 35383), promulgated on June 29, 1998, can be used as ADCM;
  - iv. Shredder fluff acceptable for disposal at a RCRA Subtitle D landfill and used in compliance with 40 CFR Part 761, can be used as ADCM;
  - v. Once applied as ADCM, shredder fluff shall not be removed;
  - vi. Areas where shredder fluff is used as ADCM, must be covered with either conventional soil daily cover or additional waste within a 24-hour period of initial placement;
  - vii. No stockpiling of shredder fluff is allowed. All shredder fluff received each day must be used as daily cover or disposed of at the active face;
  - viii. Use of shredder fluff as ADCM shall be limited to areas where runoff will be collected by the leachate collection system;
  - ix. Shredder Fluff with obnoxious odors shall not be used as ADCM. Each load of shredder fluff to be used as ADCM shall be inspected to ensure use as ADCM will not generate obnoxious odors and shall prevent the threat of fires; and
  - x. In addition to the recordkeeping requirements of Special Conditions II.5(a) and II.5(g) the operator shall keep a record of the date of use of shredder fluff as ADCM, generator name and number, ADCM use location, and quantity used.
9. No later than 60-days after the placement of final lift of waste in any area, the area shall receive a final cover meeting the design specifications proposed in permit application Log Nos. 1994-579, 1999-052, 2001-229, 2007-105 and 2009-535. The final cover system for the entire facility consists of the following layers from bottom of the cover to top of cover:
- 1-foot of compacted clay with hydraulic conductivity no greater than  $1 \times 10^{-6}$  cm/sec.
  - 40-mil HDPE geomembrane (textured on slopes greater than 10%)
  - Geocomposite drainage layer.
  - 2.5-feet thick final protective cover.
  - 6-inch vegetative soil layer. Compost may be used as a soil amendment in this layer. However, it must be thoroughly incorporated and shall not constitute more than fifty percent of the soil/compost mixture.
10. All waste, which is not covered within 60 days of placement of another lift of waste or final cover, shall have an intermediate cover of compacted clean soil with a minimum thickness of one (1) foot applied to it.

11. The operator shall implement the approved load checking program pursuant to 35 IAC, 811.323. When dumping loads for inspection, care shall be taken to keep the waste being inspected isolated and prevent mixing or infiltrating into the landfill proper until it has been determined by the trained load checker that no prohibited wastes are present. If regulated hazardous waste or other unacceptable wastes are discovered, the Illinois EPA shall be notified no later than 5:00 p.m. the next business day after the day it is detected. The load checker shall prepare a report describing the results of each inspection. A summary of these reports shall be submitted to the Illinois EPA as part of this facility's annual report.
12. Operating hours (gate hours) are those hours during which waste may be accepted. For this facility, the operating hours shall be limited to 5:30 a.m. - 8:00 p.m., Monday through Saturday. On Sundays and major holidays this facility shall not operate.
13. The operation of this facility shall not cause a violation of the Noise Control Regulations in 35 IAC Subtitle H, Section 901.
14. The use of trailer tippers as described in Application Log No. 1996-101 is hereby approved. (Modification No. 1)
15. All solid waste disposal fees paid pursuant to Section 22.15(b) and/or 22.44(b) of the Illinois Environmental Protection Act must be made on a volume basis unless an on-site certified scale is used to determine the weight basis. (Modification No. 3)
16. No waste shall be accepted for disposal unless all necessary equipment, including compactor(s), are available for use on-site when the waste is received. (Modification No. 3)
17. Management of Unauthorized Waste
  - a. Landscape waste found to be mixed with municipal waste will be removed the same day and transported to a facility that is operating in accordance with the Act, Title V, Section 21.
  - b. Lead-acid batteries will be removed the same day and transported either to a drop-off center handling such waste, or to a lead-acid battery retailer.
  - c. Potentially infectious medical waste (PIMW) found to be mixed with municipal waste shall be managed in accordance with 35 IAC, Subtitle M.
  - d. Tires found to be mixed with municipal waste shall be removed and managed in accordance with 35 IAC, Part 848.

- e. **White good components mixed with municipal waste shall be removed and managed in accordance with Section 22.28 of the Act.**
- f. **This facility is prohibited from disposing any waste containing polychlorinated bi-phenyls (PCBs) in concentration greater than allowed, pursuant to the Toxic Substance Control Act (TSCA).**
- g. **No liquid waste as determined by the Paint Filter Test shall be disposed unless the waste is from a household or is in a small container similar in size to that normally found in household waste and the container was designed for use other than storage. The prohibition applies to on-site generated wastes except for leachate or gas condensate that is specifically approved for recirculation into the landfill by permit. However, minor amounts of liquid resulting from precipitation (rain, sleet, hail or snow) during transport and disposal operations shall not be construed as a violation of this condition.**
- h. **In accordance with Section 21.6 of the Act, beginning July 1, 1996, no owner or operator of a sanitary landfill shall accept liquid used oil for final disposal that is discernable in the course of prudent business operation.**
- i. **In accordance with Subsection (b) of Section 1-83 of the Consumer Electronics Recycling Act (415 ILCS 151), *beginning January 1, 2019, no person may knowingly cause or allow the disposal of a CED (covered electronic device), or any other computer, computer monitor, printer, television, electronic keyboard, facsimile machine, videocassette recorder, portable digital music player, digital video disc player, video game console, electronic mouse, scanner, digital converter box, cable receiver, satellite receiver, digital video disc recorder, or small-scale server in a sanitary landfill.***
- j. **In accordance with Section 22.54(a) of the Illinois Environmental Protection Act (415 ILCS 5/1 et seq.), beginning January 1, 2014: No owner or operator of a sanitary landfill that is located within a 25-mile radius of a site where asphalt roofing shingles are recycled under a Beneficial Use Determination (BUD) issued by the Agency pursuant to Section 22.54 of this Act shall accept for disposal loads of whole or processed asphalt roofing shingles. Nothing in this Section [Section 22.54a] shall prohibit or restrict a sanitary landfill from accepting for disposal asphalt roofing shingles that are commingled with municipal waste, including, but not limited to, general construction or demolition debris. A map showing the locations of the permitted, operating, non-hazardous waste landfills in Illinois with respect to the sites that have current BUD's from the Agency to recycle asphalt roofing shingles can be viewed on the Illinois EPA website.**

- k. After the unauthorized waste has been removed, a thorough cleanup of the affected area will be made according to the type of unauthorized waste managed. Records shall be kept for three (3) years and will be made available to the Illinois EPA.
18. Waste disposal operations shall be restricted to areas of the landfill specifically approved by the Illinois EPA for operation or granted operating authorization pursuant to 35 IAC 813.203. Such areas at this landfill are presently limited to:
- a. The approximately 6.5 acres of Cell 1, Phase I, in accordance with the application and plans provided in Permit Application Log No. 1996-205 and approved by Modification No. 3.
  - b. The approximately 6.5 acres of Cell 2, Phase I, in accordance with the application and plans provided in Permit Application Log No. 1996-359 and approved by Modification No. 4. This includes additional information (Sections 1-2 and 4-6) received November 18, 1996 as part of Application Log No. 1996-389.
  - c. The approximately 6.2 acres of Cell 1, Phase 2, in accordance with the application and plans provided in Permit Application Log No. 1998-383 and approved by Modification No. 13.
  - d. The approximately 6.1 acres of Cell 2, Phase 2, in accordance with the application and plans provided in Permit Application Log No. 2000-192 and approved by Modification No. 18.
  - e. The approximately 6.0 acres of Cell 1, Phase 3, in accordance with the application and plans provided in Permit Application Log No. 2001-332 and approved in Modification No. 22.
  - f. The approximately 9.4 acres of Cell 1, Phase 4, in accordance with the application and plans provided in Permit Application Log No. 2002-333 and approved in Modification No. 28.
  - g. The approximately 6.9 acres of Cell 2, Phase 4, in accordance with the application and plans provided in Permit Application Log No. 2003-391 and approved in Modification No. 30.
  - h. The approximately 8.5 acres of Cell 1 South, Phase 5, in accordance with the application and plans provided in Permit Application Log No. 2005-382 and approved in Modification No. 38.
  - i. The approximately 9.61 acres of Cell 1 North, Phase 5, in accordance with the application and plans provided in Permit Application Log No. 2006-422 and approved in Modification No. 43.

- j. The approximately 17.4 acres of Cell 2, Phase 5, in accordance with the application and plans provided in Permit Application Log No. 2007-447 and approved in Modification 49.
  - k. The approximately 10.5 acres of Cell 3 East, Phase 5 in accordance with application and plans provided in Permit Application Log No. 2010-331 and approved in Modification No. 57.
  - l. The approximately 7.1 acres of Cell 3 West, Phase 5 in accordance with application and plans provided in Permit Application Log No. 2011-373 and approved in Modification No. 64.
  - m. The approximately 8.8 acres of Cell 2, Phase 7, in accordance with the application and plans provided in Permit Application Log No. 2012-430 and approved in Modification No. 69.
  - n. The approximately 7.4 acres of Cell 1-west, Phase 7, in accordance with the application and plans provided in Permit Application Log No. 2013-360, and approved in Modification No. 76.
  - o. The approximately 5.2 acres of Cell 1-east, Phase 7, in accordance with the application and plans provided in Permit Application Log No. 2014-351, and approved in Modification No. 80.
  - p. The approximately 7.6 acres of Phase 6-west, in accordance with the application and plans provided in Permit Application Log No. 2015-156, and approved in Modification No. 89.
  - q. The approximately 5.5 acres of Phase 6-east, in accordance with the application and plans provided in Permit Application Log No. 2017-435, and approved in Modification No. 98.
19. Washing of landfill operating equipment with a low volume, high pressure washer as proposed in application Log No. 2004-047 is hereby approved, subject to the following conditions:
- a. The spent spray from washing landfill operating equipment is leachate, as defined in 35 IAC 810.103 and shall be managed as such; and
  - b. This activity shall be limited to the wash bay located within the maintenance building (Log No. 2011-441) and active disposal areas of the landfill.
20. Landscape waste (Yardwaste) transfer areas shall be operated in accordance with the following conditions (Log Nos. 2006-474 and 2011-441):



- a. **Landscape waste transfer areas shall be located next to the citizen drop-off area (in a roll-off box) and in the area identified as Yardwaste Pad in application Log No. 2006-474;**
  - b. **At the end of each day of operation all landscape waste stored in the roll-off box shall be covered with a water proof tarp. When the use of water-proof tarp as cover is permanently discontinued, then a permanent cover, in the form of a metal roof, shall be installed over Yardwaste Pad. Water proof tarp over the roll-off box is not required if it is placed under the metal roof. Storage shall not exceed 3-days;**
  - c. **If odors are observed, landscape waste shall be covered with a waterproof tarp and taken to a compost facility the same day the problem is identified. Alternatively, odor suppressant may be sprayed on the material to address the problem. In any case odor problems must be addressed the same day they are identified;**
  - d. **Berms shall be constructed around the landscape waste transfer area to control surface water run-off; and**
  - e. **Landscape waste shall be confined within the transfer areas identified above. This may be achieved by the use litter fencing, berms, tarps and litter pickers.**
21. **The storage of loaded transfer trailers at the facility is hereby approved as proposed in application Log No. 2006-398 and subject to the following conditions:**
- a. **The loaded transfer trailers shall be stored only on the transfer trailer storage area located south of the maintenance shop and identified in the addendum dated December 15, 2006 to application Log No. 2006-398;**
  - b. **The surface of the transfer trailer storage pad shall consist of concrete or asphalt at least 6-inches thick and shall be sloped to a catch basin. The catch basin shall be equipped with a valve to close off the discharge culvert. If evidence of leaky containers or leachate is observed the catch basin valve shall remain closed and the collected liquid shall be managed as leachate;**
  - c. **The containers shall be covered with tarps at all times;**
  - d. **All the waste in the parked trailers shall be disposed at the active face of the landfill the next operating day;**
  - e. **Trailers containing odiferous loads shall be disposed the same day or at the beginning of the next operating day. Additionally, the operator shall**

- implement odor control measures like using solid tarps to control odors from these loads;
- f. No more than 30 transfer trailers shall be parked overnight;
  - g. The operating hours of the transfer trailer storage area is 5:00 a.m. to 10:00 p.m. Monday through Saturday. A security gate and fencing as described in application Log No. 2006-398 shall be installed to prevent any illegal dumping outside of the landfill operating hours;
  - h. When waste disposal operations at the landfill are suspended or cease, storage of transfer trailers loaded with waste shall be discontinued.
  - i. Upon completion of construction of the transfer trailer storage pad the operator shall provide a written notification of its completion to the Illinois EPA's Rockford Regional Office. Upon receipt of notification, the inspection shall be allowed fifteen working days to examine the construction. The Illinois EPA is not obligated to approve the construction or certification. The operator may begin to store waste transfer trailers on the storage pad if, the operator is not informed of a problem by the Illinois EPA or its agents; and
  - j. At the same time the Illinois EPA's Rockford Regional Office is given notification that the transfer trailer storage pad has been completed, the Permit Section shall be provided with the information on its construction in an Acceptance Report pursuant to 35 IAC 811.505(d) on its construction. (Modification No. 45)
22. The following recommendations for interim slope approved in Permit No. 1994-579-LF remain in effect and must be complied with:
- a. The overall maximum height of the interim slope height should not exceed 90-feet;
  - b. Minimum base length required for any given slope height is 5-times the height of the interim slope.
23. Modification No. 60 to Permit No. 1994-579-LF approves a revised phasing plan as proposed in application Log No. 2011-080. Under the revised phasing plan, the filling shall progress as follows: Phase 7-West, Phase 7-East, Phase 6-West, Phase 6-East, Phase 8-Cell 1, Phase 8-Cell 2, Phase 8-Cell 3, Phase 9, and Phase 10.
24. Road building materials used to construct roads at the facility that are not solid waste may be stockpiled on-site in the amount estimated to be needed within the

next construction season provided they are managed in accordance with 35 IAC, Section 811.108(c)(1).

25. Asbestos debris from construction-demolition shall be managed in accordance with the National Emission Standards for Hazardous Air Pollutants (NESHAPS) regulations.
26. If it is required for the facility to be open beyond normal operating hours to respond to emergency situations, a written record of the date(s), times and reason the facility was open shall be made part of the operating record for the facility. The Illinois EPA-FOS Regional Office, and when applicable, the county authority responsible for inspections of this facility per a delegation agreement with the Illinois EPA, shall be notified no later than 5:00 p.m. the next business day following the acceptance of waste outside the specified operating hours.
27. Information developed by the operator but not yet forwarded to the Illinois EPA in a quarterly or annual report shall be kept at or near the facility for inspection by the Illinois EPA or their designee through an intergovernmental agreement upon request during normal working hours.

### III. SPECIAL WASTE

1. The permittee is authorized to accept non-hazardous special waste that meets the definition of industrial process waste or pollution control waste as found in Sections 3.235 and 3.335, respectively, of the Illinois Environmental Protection Act, in accordance with the following requirements:
  - a. The waste is analyzed in accordance with the requirements described below and complies with the acceptance criteria in the approved waste analysis plan;
  - b. The waste is delivered by an Illinois licensed special waste hauler or an exempt hauler as defined in 35 IAC, Section 809.211; and
  - c. The waste is accompanied by a manifest, if required.
2. The permittee shall obtain a completed Special Waste Preacceptance Form, found on the Illinois EPA website, and a preacceptance analysis from each generator for each waste to be accepted. In addition, the Annual Generator Special Waste and Recertification for Disposal of Special Waste form, found on the Illinois EPA website, which certifies the waste has not changed since the last analysis, must be completed and included in the operating record. A complete laboratory analysis must be provided with the exceptions listed below.

Analysis shall be conducted using SW-846 test methods. The waste shall be reanalyzed at least every five years and must identify the actual concentration of each chemical constituent and state of each physical parameter. In all cases, a copy of the lab analysis (on lab letterhead and signed by a responsible party such as the person conducting the analysis or his/her supervisor) must be included in the operating record with the Special Waste Preacceptance Form (Profile Identification Sheet). The analysis may not be greater than one year old at the time. A new analysis is required if the composition of the waste changes (normal variations in waste composition are expected and are not included in this requirement). All waste must be analyzed as follows:

- a. The permittee shall obtain the following lab analyses to determine the concentrations of the following parameters.

Paint Filter Test  
Flash point  
Sulfide (reactive)  
Cyanide (reactive)  
Phenol (total)  
pH  
Toxicity Characteristic Constituents

- b. The permittee shall obtain analysis for reactive sulfides (H<sub>2</sub>S) and cyanides (HCN). Waste containing 250 ppm or greater reactive cyanide or 500 ppm or greater reactive sulfide is presumed to be hazardous waste pursuant to 35 IAC, Section 721.123(a)(5) unless specific information to show it does not present a danger to human health or the environment is provided. Analysis for total sulfide and/or cyanide may be substituted for reactive concentrations if they are equal to or less than 10 ppm. For wastes containing greater than 10 ppm reactive cyanide or reactive sulfide, the permittee shall not accept the waste unless the generator provides a signed and dated statement indicating the following:
- i. The waste has never caused injury to a worker because of H<sub>2</sub>S and/or HCN generation;
  - ii. That the OSHA work place air concentration limits for H<sub>2</sub>S and/or HCN have not been exceeded in areas where the waste is generated, stored or otherwise handled; and
  - iii. That air concentrations of H<sub>2</sub>S and/or HCN above 10 ppm have not been encountered in areas where the waste is generated, stored or otherwise handled.
- c. The permittee shall obtain analysis for phenols. If the total phenol concentration is greater than 1000 ppm, the waste will be required to be

drummed and labeled, unless justification that this precaution is not necessary is provided. The justification must demonstrate skin contact is unlikely during transport or disposal.

- d. The permittee shall obtain metals and organics analysis. Either procedure may be utilized (i.e., total or TCLP), but any constituent whose total concentration exceeds the TCLP limit specified in 35 IAC, Section 721.124 must be analyzed using the TCLP test and the results reported, unless an alternative test has been approved by the Illinois EPA. TCLP test methods must be in accordance with SW 846-1311.

e. **EXCEPTIONS:**

- i. The generator may certify that the eight pesticides (D012, D013, D014, D015, D016, D017, D020 and D031) would not reasonably be expected to be present in the waste based on the nature of the process generating the waste.
- ii. Petroleum contaminated media and debris from LUST sites subject to corrective action regulation under 35 IAC, Parts 731 and 732 are temporarily exempt from complete TCLP analysis and the generator may limit analyses to flashpoint, paint filter test and TCLP lead.
- iii. For off-specification, unused or discarded commercial or chemical products, an MSDS to determine the hazardous constituents present may be provided in lieu of analytical results.

f. **CLARIFICATIONS:**

Notwithstanding the exception for manufactured gas plant waste contained in 35 IAC 721.124(a), no manufactured gas plant waste shall be disposed in a non-hazardous waste landfill, unless: i) the waste has been tested in accordance with subsection (d) of this special condition, and ii) the analysis has demonstrated that the waste does not exceed the regulatory levels for any contaminant given in the table contained in 35 IAC 721.124(b).

- g. Pursuant to 35 IAC 722.111, the generator of a solid waste is required to determine if the waste is hazardous and comply with all applicable hazardous waste regulations. For any waste that has been determined to be hazardous, the results of quality assurance testing for the treatment program, taken at an appropriate frequency to demonstrate the waste is no longer hazardous, must be obtained. Verification that the waste meets the land disposal restrictions must also be documented. These requirements are in addition to the other standard special waste test requirements.

3. **Special waste generated due to an emergency situation may be disposed without complete TCLP analysis if:**
  - a. **The permittee receives authorization from the Emergency Response Unit of the Illinois EPA at 1-217-782-3637;**
  - b. **The permittee ensures that the generator has received an incident number from the Illinois Emergency Management Agency at 1-800-782-7860 within Illinois, or 1-217-782-7860 outside of Illinois; and**
  - c. **The waste is analyzed for the chemical constituents required by the Emergency Response Unit.**
  
4. **The permittee shall conduct the following analyses for waste received in labeled containers in lab packs, including commingled wastes:**
  - a. **Compatibility review in accordance with the procedures identified in USEPA document EPA-600/2-80-076; and**
  - b. **MSDS review to determine the hazardous constituents present and appropriate USEPA hazardous waste class.**
  
5. **RCRA empty containers received as a special waste are subject to the following conditions:**
  - a. **Containers have a rated capacity of less than 110 gallons only.**
  - b. **Containers which formerly held 'P' listed hazardous waste must be triple rinsed in accordance with 35 IAC 721.107(b)(3)(A).**
  - c. **TSCA regulated quantities of PCBs or empty compressed gas cylinders are not included under this permit. Container which formerly held TSCA regulated quantities of PCBs are subject to the TSCA requirements administered by the USEPA.**
  - d. **All containers must meet the definition of empty as described in 35 IAC, Section 721.107(b).**
  - e. **Additionally, where possible, a copy of the material safety data sheets for products last present in the container shall be obtained and kept on file.**
  - f. **For drums, at least one end must be removed and the drums must be crushed flat.**

Page 22

6. The Special Waste Preacceptance Form, found on the Illinois EPA website, shall be utilized for the special waste profile identification requirements of 35 IAC, Section 811.404(a).
7. The Annual Generator Special Waste Recertification for Disposal Special Waste form, found on the Illinois EPA website, shall be utilized for the special waste recertification requirements of 35 IAC, Section 811.404(b).
8. The operator shall retain all special waste records until the end of the post-closure period in accordance with 35 IAC, Section 811.405.

#### IV. GENERAL CONDITIONS

1. This permit is issued with the expressed understanding that no process discharge to Waters of the State or to a sanitary sewer will occur from these facilities except as authorized by a permit issued by the Bureau of Water, Permit Section.
2. Site surface drainage, during development, during operation and after the site is closed, shall be managed in accordance with the approved drainage control plan.
3. If changes occur which modify any of the information the Permittee has used in obtaining a permit for this facility, the Permittee shall notify the Illinois EPA. Such changes would include but not be limited to any changes in the names or addresses of both beneficial and legal titleholders to the herein-permitted site. The notification shall be submitted to the Illinois EPA within fifteen (15) days of the change and shall include the name or names of any parties in interest and the address of their place of abode; or, if a corporation, the name and address of its registered agent.
4. The Illinois EPA reserves the right to require installation of additional monitoring devices, to require analyses for certain parameters, to alter the sample parameters list and to modify the method of evaluating the monitoring results as necessary to fulfill the intent and purpose of the Environmental Protection Act or Pollution Control Board Regulations.
5. This permit is subject to review and modification by the Illinois EPA as deemed necessary to fulfill the intent and purpose of the Environmental Protection Act, and all applicable environmental rules and regulations.
6. Pursuant to 35 IAC, 813.201(a), any modifications to this permit shall be proposed in the form of a permit application and submitted to the Illinois EPA.
7. Pursuant to 35 IAC, 813.301, an application for permit renewal shall be filed with the Illinois EPA at least 90 days prior to the expiration date of this permit.



8. The septic fields on this site are approved for the disposal of on-site generated sanitary waste from septic systems. Any disposal of non-sanitary waste such as stormwater runoff, landfill leachate or discharge from service bay drains will cause the septic field to be considered a waste disposal well pursuant to the Underground Injection Control (UIC) regulations. Operators of UIC wells must, at a minimum, submit information to the Illinois EPA pursuant to 35 IAC 704.148 and 704.149.
9. The soil stockpile locations proposed in Application Log No. 1996-101 are hereby approved. All runoff from the stockpiles shall be managed pursuant to the stormwater management plan and be directed to sedimentation basins as necessary to comply with 35 IAC, 811.103(a). (Modification No. 1)
10. The transfer of partial ownership of the facility from Waste Management of Illinois, Inc. to Whiteside County is hereby approved (Modification No. 8).
11. The use of a dewatering system for construction as proposed in Application Log No. 1998-104 is hereby approved (Modification No. 10).
12. Current, valid Prior Conduct Certification pursuant to 35 IAC Part 745 is required for all landfill operators of landfills that require a permit.
13. Landfill Operator Certification pursuant to 68 IAC Part 870 is required for operation of a landfill.
14. The permittee shall submit current 39(i) certifications and supporting documentation with all applications for a permit.

#### V. LEACHATE MANAGEMENT/MONITORING

1. Pursuant to 35 IAC, Section 811.309(h)(3), leachate from this MSWLF landfill shall be collected and disposed beginning as soon as it is first produced and continuing for at least 30 years after closure except as otherwise provided by 811.309(h)(4) and (h)(5). Collection and disposal of leachate may cease only when the conditions described in 35 IAC, Section 811.309(h)(2) have been achieved. Leachate removed from this landfill shall be treated at an Illinois EPA permitted facility in accordance with the leachate management plan proposed in Permit Application Log Nos. 1994-579 and 2001-229.
2. Pursuant to 35 IAC, Sections 811.307(a) and (b), 811.308(a) and (h), and 811.309(a), leachate shall be pumped from the side slope riser sump(s) before the level of leachate rises above the invert of the collection pipe(s) at its lowest point(s). Leachate removal as such shall be performed throughout the period that the leachate collection/management system must be operated in accordance with Permit Application Log Nos. 1994-579 and 2001-229.

3. The following monitoring points are to be used in the Leachate Monitoring Program for this facility as identified on plan sheet C-11 of application Log No. 2001-229 and approved in Modification No. 25.

**Leachate Monitoring Points**

<u>Applicant Designation</u>	<u>Illinois EPA Designation</u>
L301	L301
L302	L302
L303	L303
L304	L304
L305	L305
L306	L306
L307	L307
L308	L308
L309	L309
@L310	@L310
@L311	@L311
@L312	@L312

@ indicates leachate monitoring points not yet placed into service.

4. Pursuant to 35 IAC, Sections 811.309(g), 722.111 and 721, Subpart C, leachate monitoring (i.e., sampling, measurements and analysis) must be conducted in accordance with the permit for this facility. The concentrations or values for the parameters contained in List L1 (below) must be determined on a semi-annual basis and the results must be submitted with the groundwater reports.

Each year, the permittee shall collect a representative leachate sample and have it tested for the parameters contained in List L2.

Condition V.5. presents the sampling, testing and reporting schedules in tabular form. Leachate monitoring at each monitoring point shall continue as long as groundwater monitoring at this landfill is necessary pursuant to 35 IAC, Section 811.319(a)(1)(C).

**LIST L1**

<u>Leachate Monitoring Parameters</u>	<u>STORET</u>
pH (S.U.)	00400
Elevation Leachate Surface (ft. MSL)	71993
Bottom of Well Elevation (ft. MSL)	72020

## LIST L1

<u>Leachate Monitoring Parameters</u>	<u>STORET</u>
Leachate Level from Measuring Point (ft.)	72109
Arsenic (total)	01002
Barium (total)	01007
Cadmium (total)	01027
Iron (total)	01045
Ammonia Nitrogen – N (mg/L)	00610
Bacteria (Fecal Coliform) (CFU/100 mL)	31616
Biochemical Oxygen Demand (BOD5) (mg/L)	00310
1,1,1,2-Tetrachloroethane	77562
1,1,1-Trichloroethane	34506
1,1,2,2-Tetrachloroethane	34516
1,1,2-Trichloroethane	34511
1,1-Dichloroethane	34496
1,1-Dichloroethylene	34501
1,1-Dichloropropene	77168
1,2,3-Trichlorobenzene	77613
1,2,3-Trichloropropane	77443
1,2,4-Trichlorobenzene	34551
1,2,4-Trimethylbenzene	77222
1,2-Dibromo-3-Chloropropane	38760
1,2-Dichloroethane	34531
1,2-Dichloropropane	34541
1,3,5-Trimethylbenzene	77226
1,3-Dichloropropane	77173
1,3-Dichloropropene	34561
1-Propanol	77018
2,2-Dichloropropane	77170
2,4,5-tp (Silvex)	39760
2,4,6-Trichlorophenol	34621
2,4-Dichlorophenol	34601
2,4-Dichlorophenoxyacetic Acid (2,4-D)	39730
2,4-Dimethylphenol	34606
2,4-Dinitrotoluene	34611
2,4-Dinitrophenol	34616
2,6-Dinitrotoluene	34626
2-Chloroethyl Vinyl Ether	34576
2-Chloronaphthalene	34581

## LIST L1

<u>Leachate Monitoring Parameters</u>	<u>STORET</u>
2-Chlorophenol	34586
2-Hexanone	77103
2-Propanol (Isopropyl Alcohol)	81310
3,3-Dichlorobenzidine	34631
4,4-DDD	39310
4,4-DDE	39320
4,6-Dinitro-O-Cresol	34657
4-Bromophenyl Phenyl Ether	34636
4-Chlorophenyl Phenyl Ether	34641
4-Methyl-2-Pentanone	78133
4-Nitrophenol	34646
Acenaphthene	34205
Acetone	81552
Alachlor	77825
Aldicarb	39053
Aldrin	39330
Alpha - BHC	39337
Aluminum	01105
Anthracene	34220
Antimony	01097
Atrazine	39033
Benzene	34030
Benzo (a) Anthracene	34526
Benzo (a) Pyrene	34247
Benzo (b) Fluoranthene	34230
Benzo (ghi) Perylene	34521
Benzo (k) Fluoranthene	34242
Beryllium (total)	01012
Beta - BHC	39338
Bicarbonate (mg/L as CaCO <sub>3</sub> )	00425
Bis (2-Chloro-1-Methylethyl) Ether	73522
Bis (2-Chloroethoxy) Methane	34278
Bis (2-Chloroethyl) Ether	34273
Bis (2-Ethylhexyl) Phthalate	39100
Bis(Chloromethyl) Ether	34268
Boron	01022
Bromobenzene	81555

## LIST L1

<u>Leachate Monitoring Parameters</u>	<u>STORET</u>
Bromochloromethane	77297
Bromodichloromethane	32101
Bromoform	32104
Bromomethane	34413
Butanol	45265
Butyl Benzyl Phthalate	34292
Calcium (mg/L)	00916
Carbofuran	81405
Carbon Disulfide	77041
Carbon Tetrachloride	32102
Chemical Oxygen Demand (COD) (mg/L)	00335
Chlordane	39350
Chloride (mg/L)	00940
Chlorobenzene	34301
Chloroethane	34311
Chloroform	32106
Chloromethane	34418
Chromium (total)	01034
Chrysene	34320
Cis-1,2-Dichloroethylene	77093
Cobalt (total)	01037
Copper (total)	01042
Cyanide (mg/L)	00720
DDT	39370
Delta - BHC	46323
Di-N-Butyl Phthalate	39110
Di-N-Octyl Phthalate	34596
Dibenzo (a,h) Anthracene	34556
Dibromochloromethane	32105
Dibromomethane	77596
Dichlorodifluoromethane	34668
Dichloromethane	34423
Dieldrin	39380
Diethyl Phthalate	34336
Dimethyl Phthalate	34341
Endosulfan I	34361
Endosulfan II	34356

## LIST L1

<u>Leachate Monitoring Parameters</u>	<u>STORET</u>
Endosulfan Sulfate	34351
Endrin	39390
Endrin Aldehyde	34366
Ethyl Acetate	81585
Ethylbenzene	78113
Ethylene Dibromide (EDB)	77651
Fluoranthene	34376
Flourene	34381
Fluoride (mg/L)	00951
Heptachlor Epoxide	39420
Heptachlor	39410
Hexachlorobenzene	39700
Hexachlorobutadiene	39702
Hexachlorocyclopentadiene	34386
Hexachloroethane	34396
Indeno (1,2,3-cd) Pyrene	34403
Iodomethane	77424
Isopropylbenzene	77223
Lead (total)	01051
Lindane	39782
Magnesium (total) (mg/L)	00927
Manganese (total)	01055
Mercury (total)	71900
Methoxychlor	39480
Methyl Ethyl Ketone	81595
Naphthalene	34696
Nickel (total)	01067
Nitrate-Nitrogen (mg/L)	00620
Nitrobenzene	34447
Oil. Hexane Soluble (or Equivalent) (mg/L)	00550 or 00552
Parathion	39540
Pentachlorophenol	39032
Phenanthrene	34461
Phenols	32730
Phosphorous (mg/L)	00665
Polychlorinated Biphenyls	39516

## LIST L1

<u>Leachate Monitoring Parameters</u>	<u>STORET</u>
Potassium (mg/L)	00937
Pyrene	34469
Selenium	01147
Silver (total)	01077
Specific Conductance (umhos/cm)	00094
Sodium (mg/L)	00929
Styrene	77128
Sulfate (mg/L)	00945
Temperature of Leachate Sample (°F)	00011
Tert-Butylbenzene	77353
Tetrachlorodibenzo-p-Dioxins	34675
Tetrachloroethylene	34475
Tetrahydrofuran	81607
Thallium	01059
Tin	01102
Toluene	34010
Total Organic Carbon (TOC) (mg/L)	00680
Total Dissolved Solids (TDS) (mg/L)	70300
Total Suspended Solids (TSS) (mg/L)	00530
Toxaphene	39400
Trans-1,2-Dichloroethylene	34546
Trans-1,3-Dichlorpropene	34699
Trans-1,4-Dichloro-2-Butene	73547
Trichloroethylene	39180
Trichlorofluoromethane	34488
Vinyl Acetate	77057
Vinyl Chloride	39175
Xylene	81551
Zinc (total)	01092
m-Dichlorobenzene	34566
m+p-Xylene	61283
n-Butylbenzene	77342
n-Nitrosodimethylamine	34438
n-Nitrosodiphenylamine	34433
n-Nitrosodipropylamine	34428
n-Propylbenzene	77224
o-Chlorotoluene	77275



## LIST L1

<u>Leachate Monitoring Parameters</u>	<u>STORET</u>
o-Dichlorobenzene	34536
o-Nitrophenol	34591
o-Xylene	77135
p-Chlorotoluene	77277
p-Cresol	77146
p-Dichlorobenzene	34571
p-Isopropyltoluene	77356
sec-Butylbenzene	77350

## LIST L2

## RCRA Parameters for Leachate and Condensate

<u>RCRA PARAMETERS</u>	<u>STORETS</u>	
<u>Ignitability</u>		
Flashpoint, Pensky-Martens Closed Cup (°F)	00497	
<u>Corrosivity</u>		
pH (S.U.)	00400	
<u>Reactivity</u>		
Reactive Cyanide	99040	
Reactive Sulfide	99042	
<u>Toxicity</u>		
	<u>Total</u>	<u>TCLP</u>
	<u>conc.</u>	<u>conc.</u>
	<u>(ug/l)</u>	<u>(mg/L)</u>
Arsenic	1002	99012
Barium	1007	99014
Cadmium	1027	99016
Chromium	1034	99018
Lead	1051	99020
Mercury	71900	99022
Selenium	1147	99024
Silver	1077	99026

## LIST L2

## RCRA Parameters for Leachate and Condensate

<u>RCRA PARAMETERS</u>	<u>STORETS</u>	
Endrin	39390	99028
Lindane	39782	99030
Methoxychlor	39480	99032
Toxaphene	39400	99034
2,4-D	39730	99036
2,4,5-TP Silvex	39760	99038
Benzene	34030	99128
Carbon tetrachloride	32102	99050
Chlordane	39350	99148
Chlorobenzene	34301	99096
Chloroform	32106	99149
o-Cresol	77152	99150
m-Cresol	77151	99151
p-Cresol	77146	99152
Cresol	79778	99153
1,4-Dichlorobenzene	34571	99154
1,2-Dichloroethane	34531	99155
1,1-Dichloroethylene	34501	99156
2,4-Dinitrotoluene	34611	99157
Heptachlor (and its epoxide)	39410 and 39420	99158
Hexachlorobenzene	39700	99159
Hexachloro-1,3-Butadiene	39702	99160
Hexachloroethane	34396	99161
Methyl Ethyl Ketone	81595	99060
Nitrobenzene	34447	99062
Pentachlorophenol	39032	99064
Pyridine	77045	99066
Tetrachloroethylene	34475	99068
Trichloroethylene	39180	99076
2,4,5-Trichlorophenol	77687	99078
2,4,6-Trichlorophenol	34621	99080
Vinyl Chloride	39175	99162

**Notes for all leachate monitoring parameters:**

- a. Flashpoint shall be reported in degrees Fahrenheit. The parameters for reactivity and toxicity shall be reported in parts per million.
  - b. The permittee shall obtain metals and organics analysis. For List L2 parameters, either procedure may be utilized (i.e., total or TCLP), but any constituent whose total concentration exceeds the TCLP limit specified in 35 IAC, Section 721.124 must be analyzed using the TCLP test and the results reported, unless an alternative test has been approved by the Illinois EPA. TCLP test methods must be in accordance with SW 846-1311.
  - c. The test methods for leachate monitoring shall be those approved in the USEPA's Test Methods for Evaluating Solid Waste, Physical/Chemical Methods (SW-846), Third Edition or the equivalent thereof.
  - d. All parameters shall be determined from unfiltered samples.
  - e. The monitoring results should be reported in ug/l units unless otherwise indicated.
5. The schedule for leachate sample collection and submission of monitoring results for leachate monitoring points currently in-place and representative sample for L2 testing is as follows:

Sampling Period	Sampling List	Sampling Points	Report Due Date
April- May 2021	List L1	L303 and L305	July 15, 2021
	List L2	LREP	July 15, 2021
Oct-Nov 2021	List L1	L304 and L309	January 15, 2022
April-May 2022	List L1	L301, L307 and L308	July 15, 2022
	List L2	LREP	July 15, 2022
Oct-Nov 2022	List L1	L302 and L306	January 15, 2023
April-May 2023	List L1	L303 and L305	July 15, 2023
	List L2	LREP	July 15, 2023
Oct-Nov 2023	List L1	L304 and L309	January 15, 2024
April-May 2024	List L1	L301, L307 and L308	July 15, 2024
	List L2	LREP	July 15, 2024
Oct-Nov 2024	List L1	L302 and L306	January 15, 2025
April-May 2025	List L1	L301, L307 and L308	July 15, 2025
	List L2	LREP	July 15, 2025
Oct-Nov 2025	List L1	L302 and L306	January 15, 2026

**L1 – Leachate Monitoring Parameters  
L2- Annual RCRA Leachate Parameters  
LREP – Representative Leachate Sample**

6. The leachate monitoring data must be submitted in an electronic format. The information is to be submitted as fixed-width text files formatted as found on the Illinois EPA website.
7. The leachate storage system and associated piping shall be protected from freezing.
8. The leachate management procedures proposed in the addendum dated January 9, 2004 of application Log No. 2003-391 are hereby approved. The approval is subject to the following conditions:
  - a. A mobile leachate storage tank with a minimum capacity of 2,500 gallons shall always be available at the facility;
  - b. Leachate levels shall be monitored at least two times per week. If it rains during the operating day the leachate level shall be checked at the end of the day. If the rain event occurs when the facility is closed, leachate levels shall be checked the next working day. If during any of these monitoring events leachate level is found to be above the invert of the collection pipe(s), then leachate shall be pumped into the mobile tank. The pumping shall continue at least until leachate levels have receded to below the invert of the collection pipe(s);
  - c. During large rainfall events leachate level shall be pumped to below the invert of the collection pipe(s) as soon as possible;
  - d. A submersible or suction pump shall always be available at the facility to transfer leachate from the mobile tank into the two 21,000 gallon leachate storage tanks; and
  - e. These procedures shall remain in effect until the leachate drainage and collection system is connected to the leachate storage tanks by an underground forcemain.  
(Modification No. 30)
9. The following conditions shall apply when leachate is re-circulated through distribution trenches or by direct application to the working face of the landfill:
  - a. Leachate distribution trenches shall be constructed by excavating an opening approximately 4 feet deep and 2 to 6 feet wide on a level portion or top deck of the active fill area. The trenches shall be spaced at least 50-feet apart and no more than 3 trenches shall receive leachate at one time;

- b. The leachate distribution trenches shall be covered at the end of each operating day with either daily cover or approved alternate daily cover. Trenches shall be backfilled after the active filling area has progressed to other portions of the landfill;
- c. The operator shall maintain an operating record that documents leachate re-circulation activities. The operating record shall include:
  - i. The amount of leachate re-circulated on a daily basis;
  - ii. The amount of waste disposed on a daily basis (gate cubic yards and tons).
  - iii. The location and approximate dimensions of the leachate trenches or the location of the active face where leachate was applied;
  - iv. How the leachate re-circulation area was closed at the end of the operating day; and
  - v. Documentation of leachate pop outs, odors and other associated problems that could be attributed to leachate re-circulation.
- d. Leachate shall not be re-circulated during precipitation events or in volumes large enough to cause runoff or surface seeps;
- e. The amount of leachate added shall not exceed the ability of the waste and cover soils to transmit leachate flow downward;
- f. Leachate shall be evenly distributed beneath the surface of the re-circulation area;
- g. Daily and intermediate cover shall slope away from the perimeter of the site to minimize surface discharges of leachate;
- h. Leachate re-circulation shall be restricted to areas where the hydraulic conductivity of the leachate drainage layer is equal to or greater than  $1 \times 10^{-1}$  cm/sec;
- i. Leachate which exhibits a hazardous characteristic in accordance with 35 IAC 721, Subpart C shall not be re-circulated; and
- j. The maximum volume of leachate that can be re-circulated shall be calculated on a daily basis. The volume of leachate re-circulated shall not exceed 25 gallons per ton of waste disposed at the landfill on that particular day.

10. Re-circulation of leachate shall be limited to the active life of the landfill. Leachate shall not be re-circulated after the landfill stops accepting waste and during the post-closure care period.
11. The re-circulation of leachate through a series of forcemains and perforated pipes as described in application Log No. 2006-398 is hereby approved. Operation of the above referenced leachate re-circulation system shall not be initiated until an acceptance report has been submitted to and approved by the Illinois EPA as a significant modification pursuant to 35 IAC, Sections 811.505(d) and 813.203. (Modification No. 45)
12. Modification No. 3 (Log No. 1996-205) approved the leachate storage system consisting of two 21,000 gallon storage tanks near the southwest corner of the landfill.
13. Modification No. 51 (Log No. 2008-162) approved the installation of an additional 20,000 gallon leachate storage tank in the northwest corner of Phases 1-4 of the landfill.

#### **VI. GROUNDWATER MONITORING**

1. The groundwater monitoring program must be capable of determining background groundwater quality hydraulically upgradient of and unaffected by the units and to detect, from all potential sources of discharge, any releases to groundwater within the facility. The Illinois EPA reserves the right to require installation of additional monitoring wells as may be necessary to satisfy the requirements of this permit.
2. The groundwater monitoring wells shall be constructed and maintained in accordance with the requirements of 35 IAC, 811.318(d) and designs approved by the Illinois EPA.
3. Groundwater monitoring wells shall be maintained in the locations shown in Drawing No. C-29, of the permit application, Log No. 1994-579 and screened in the hydrogeologic unit(s) identified as potential contaminant pathway(s) within the zone of attenuation. Installation of the proposed new monitoring wells listed in Condition VI.9 will be phased coincident with landfill development as described in the revised schedule contained in Attachment 2 of the December 9, 2002 Addendum to Application Log No. 2002-333. The estimated schedule dates (non-binding) are intended to provide for new downgradient well installation. Installation shall occur a minimum of one year before waste placement within respective phases for the purpose of background development.

The location of groundwater monitoring well G1K4 has been revised, with the newly designated location shown in Figure 1 of Permit Application Log No. 2015-088. The screened hydrogeologic unit remains unchanged.

4. Within 60 days of installation of any groundwater monitoring well, boring logs compiled by a qualified geologist, well development data and as-built diagrams shall be submitted to the Illinois EPA utilizing the enclosed "Well Completion Report" form. For each well installed pursuant to this permit, one form must be completed.
5. Groundwater monitoring wells shall be easily visible, labeled with the Illinois EPA monitoring point designations and fitted with padlocked protective covers.
6. In the event that any well becomes consistently dry or unserviceable and therefore requires replacement, a replacement well shall be installed within ten (10) feet of the existing well. The Illinois EPA shall be notified in writing at least 15 days prior to the installation of all replacement wells. A replacement well that is more than ten feet from the existing well or which does not monitor the same geologic zone is considered to be a new well and must be approved via a significant modification permit.
7. All borings, wells and piezometers not used as monitoring points shall be abandoned in accordance with the standards in 35 IAC 811.316, and the decommissioning and reporting procedures contained in the Illinois Department of Public Health's (IDPH) Water Well Construction Code, 77 IAC, Part 920 (effective 1/1/92). In the event specific guidance is not provided by IDPH procedures, the Illinois EPA monitoring well plugging procedures shall be followed.
8. Groundwater sampling and analysis shall be performed in accordance with the requirements of 35 IAC 811.318(e) and the specific procedures and methods approved by the Illinois EPA. Low-flow and micro-purging sampling methods shall be used as described in application Log No. 2005-099.
9. The following monitoring points are to be used in the groundwater detection monitoring program for this facility:

#### Upgradient Wells

Applicant Designation	Illinois EPA Designation
G122	G1C2
G123	G1C3
G142	G1E2
R201	R1K1
G202	G1K2
G203	G1K3
G204	G1K4
G221	G1M1
G222	G1M2

## Upgradient Wells (cont.)

Applicant Designation	Illinois EPA Designation
G223	G1M3
G237	G1N7

## Compliance Boundary Well(s)

Applicant Designation	Illinois EPA Designation
G208	G1K8
G214	G1L4
G219	G1L9
G226	G1M6
G228	G1M8
G232	G1N2

## Wells Within Zone of Attenuation

Applicant Designation	Illinois EPA Designation
G205*	G1K5*
R205#	R1K5#
G206*	G1K6*
R206#	R1K6#
G207	G1K7
G209	G1K9
G210	G1L0
G211	G1L1
G212	G1L2
G213	G1L3
G215	G1L5
G216	G1L6
G217	G1L7
G218	G1L8
G220	G1M0
G224	G1M4
G225	G1M5
G227	G1M7
G229	G1M9
G230	G1N0
G231	G1N1
G233	G1N3
G234	G1N4
G235	G1N5



## Wells Within Zone of Attenuation (cont.)

## Applicant Designation

## Illinois EPA Designation

G236

G1N6

## Note:

(\*) – Represents Deleted Monitoring Point

(#) – Represents Added Monitoring Point

10. The monitoring program, approved by Permit No. 1999-291-LF, shall continue for a minimum period of 30 years after closure and shall not cease until the conditions described in 35 IAC, 811.319(a)(1)(C) have been achieved. The operator shall collect samples from all of the monitoring points listed in Condition VI.9, test the samples for the parameters listed in Condition VI.12 (Lists G1 and G2), and report the results to the Illinois EPA, all in accordance with the schedule in Condition VI.18.
11. The applicable groundwater quality standards (AGQS) and the maximum allowable predicted concentrations (MAPC), as listed in Attachment 1, are subject to the following conditions:
  - a. Temperature and the field parameters involving depth or elevation are not considered groundwater constituents and do not need AGQS.
  - b. For constituents which have not been detected in the groundwater, either the practical quantitation limit (PQL) or the method detection limit (MDL) shall be used as the AGQS.
  - c. MAPCs are only applicable to those wells within the zone of attenuation. MAPC values are not applicable to parameters within the zone of attenuation wells having an established intrawell value.
  - d. AGQS are only applicable to upgradient/background and compliance boundary wells.
12. AGQS and MAPC values must be determined for all of the parameters which appear in either Lists G1 or G2 (not including groundwater depth or elevations). The AGQS values shall be calculated using a minimum of four (4) consecutive quarters of groundwater monitoring data and shall be calculated at the 99% Upper Confidence Limit or as proposed in Section 11.2.2.1 of Application Log No. 1994-579.

## LIST G (Groundwater)

<u>GROUNDWATER MONITORING PARAMETER</u>	<u>STORETS</u>
Elevation of Bottom of Well (ft. MSL) (Annually without dedicated pumps; every 5 years with dedicated pumps or whenever the pump is pulled)	72020

## LIST G1 (Groundwater - Quarterly)

<u>FIELD PARAMETERS</u>	<u>STORETS</u>
pH (S.U.)	00400
Specific Conductance (umhos/cm)	00094
Temperature of Water Sample (° F)	00011
Depth to Water (ft. below land surface)	72019
Depth to Water (ft. below measuring point)	72109
Elevation of Measuring Point (Top of casing ft. MSL)	72110
Elevation of Groundwater Surface (ft. MSL)	71993
Ammonia (as Nitrogen; Dissolved) mg/L	00608
Arsenic (Dissolved) ug/L	01000
Boron (Dissolved) ug/L	01020
Cadmium (Dissolved) ug/L	01025
Chloride (Dissolved) mg/L	00941
Chromium (Dissolved) ug/L	01030
Cyanide (Total) mg/L	00720
Lead (Dissolved) ug/L	01049
Magnesium (Dissolved) mg/L	00925
Mercury (Dissolved) ug/L	71890
Nitrate (as Nitrogen, Dissolved) mg/L	00618
Sulfate (Dissolved) mg/L	00946
Total Dissolved Solids (TDS, 180°C; Dissolved) mg/L	70300
Zinc (Dissolved) ug/L	01090

## NOTE:

- i. All parameters with the "(Dissolved)" label to the right shall be determined using groundwater samples which have been filtered through a 0.45 micron filter. All other parameters shall be determined from unfiltered samples.
- ii. Maximum allowable predicted concentrations (MAPCs) and applicable groundwater quality standards (AGQS) are given in ug/L except as otherwise noted. Also, the monitoring results should be reported in ug/L units unless otherwise indicated.
- iii. List G1 and List G2 AGQS/MAPC values are included in Attachment 1.

## LIST G2 (Groundwater - Semiannual)

<u>PARAMETERS (ug/L)</u>	<u>STORETS</u>
Acetone	81552
Acrylonitrile	34215
Benzene	34030
Bromobenzene	81555
Bromochloromethane (chlorobromomethane)	77297
Bromodichloromethane	32101
Bromoform (Tribromomethane)	32104
n-Butylbenzene	77342
sec-Butylbenzene	77350
tert-Butylbenzene	77353
Carbon Disulfide	77041
Carbon Tetrachloride	32102
Chlorobenzene	34301
Chloroethane (Ethyl Chloride)	34311
Chloroform (Trichloromethane)	32106
o-Chlorotoluene	77275
p-Chlorotoluene	77277
Dibromochloromethane	32105
1,2-Dibromo-3-Chloropropane	38760
1,2-Dibromoethane	77651
1,2-Dichlorobenzene	34536
1,3-Dichlorobenzene	34566
1,4-Dichlorobenzene	34571
trans-1,4-Dichloro-2-Butene	73547
Dichlorodifluoromethane	34668
1,1-Dichloroethane	34496
1,2-Dichloroethane	34531
1,1-Dichloroethylene	34501
cis-1,2-Dichloroethylene	77093
trans-1,2-Dichloroethylene	34546
1,2-Dichloropropane	34541
1,3-Dichloropropane	77173
2,2-Dichloropropane	77170
1,1-Dichloropropene	77168
1,3-Dichloropropene	34561
cis-1,3-Dichloropropene	34704
trans-1,3-Dichloropropene	34699
Ethylbenzene	78113
Hexachlorobutadiene	39702
2-Hexanone (Methyl Butyl Ketone)	77103
Isopropylbenzene	77223
p-Isopropyltoluene	77356

## LIST G2 (Groundwater - Semiannual) (cont.)

<u>PARAMETERS</u> (ug/L)	<u>STORETS</u>
Methyl Bromide (Bromomethane)	34413
Methyl Chloride (Chloromethane)	34418
Methylene Bromide (Dibromomethane)	77596
Dichloromethane	34423
Methyl Ethyl Ketone	81595
Methyl Iodide (Iodomethane)	77424
4-Methyl-2-Pentanone	78133
Naphthalene	34696
Oil (Hexane-Soluble) (mg/L)	00552
n-Propylbenzene	77224
Styrene	77128
1,1,1,2-Tetrachloroethane	77562
1,1,2,2-Tetrachloroethane	34516
Tetrachloroethylene	34475
Tetrahydrofuran	81607
Toluene	34010
Total Phenolics	32730
1,2,3-Trichlorobenzene	77613
1,2,4-Trichlorobenzene	34551
1,1,1-Trichloroethane	34506
1,1,2-Trichloroethane	34511
Trichloroethylene	39180
Trichlorofluoromethane	34488
1,2,3-Trichloropropane	77443
1,2,4-Trimethylbenzene	77222
1,3,5-Trimethylbenzene	77226
Vinyl Acetate	77057
Vinyl Chloride	39175
Xylenes	81551

## NOTE:

- i. All parameters with the "(Dissolved)" label to the right shall be determined using groundwater samples which have been filtered through a 0.45 micron filter. All other parameters shall be determined from unfiltered samples.
- ii. Maximum allowable predicted concentrations (MAPCs) and applicable groundwater quality standards (AGQS) are given in ug/L except as otherwise noted. Also, the monitoring results should be reported in ug/L units unless otherwise indicated.
- iii. List G1 and List G2 AGQS/MAPC values are included in Attachment 1.

13. Pursuant to 35 IAC, 811.319(a)(4)(A), any of the following events shall constitute an observed increase only if the concentrations of the constituents monitored can be measured at or above the practical quantitation limit (PQL):
- a. The concentration of any constituent in List G1 of Condition VI.12 or Attachment 2 shows a progressive increase over eight (8) consecutive quarters.
  - b. The concentration of any constituent monitored in accordance with List G1 or List G2 of Condition VI.12 exceeds the MAPC at an established monitoring point within the zone of attenuation. MAPC values are not applicable to parameters within the zone of attenuation wells having an established intrawell value.
  - c. The concentration of any organic constituent in List G2, monitored in accordance with Condition VI.12 and Attachment 2 exceeds the preceding measured concentration at any established point.
  - d. The concentration of any constituent monitored at or beyond the edge of the zone of attenuation (compliance boundary) exceeds its AGQS, or pursuant to 35 IAC 811.320(d) any constituent monitored at an upgradient well, exceeds its AGQS. However, the comparison to AGQS concentrations will not be required for wells G1E2, G1C3, G1C2, G1M1, G1M2 and G1M3 in routine monitoring.
  - e. The concentration of any constituent monitored in accordance with List G1 or List G2 of Attachment 2 exceeds the intrawell AGQS value at an established monitoring point. Intrawell values replace MAPC values.

The comparison of groundwater concentrations to values b, d, and e above to determine an observed increase will be based on exceedences of both interwell and intrawell AGQS values, if there is an intrawell value established for the parameter, listed in Attachment 2.

14. For each round of sampling described in Condition 10 of this Section, the operator must determine if an observed increase has occurred within 90 days of the initial sampling date. If an observed increase is identified, the operator must also notify the Illinois EPA in writing and follow the confirmation procedures of 35 IAC, 811.319(a)(4)(B). Furthermore, the operator must complete the confirmation procedures within 180 days of the initial sampling event.
15. Upon confirmation of a monitored increase and within 180 days of the initial sampling date, the operator shall submit a permit application for a significant modification to demonstrate an alternate source per 35 IAC 811.319(a)(4)(B)(ii) or begin an assessment monitoring program in order to determine whether the solid waste disposal facility is the source of the contamination and to provide

information needed to carry out a groundwater impact assessment in accordance with 35 IAC 811.319(b).

16. In the event that an alternative source demonstration is denied, pursuant to 35 IAC 813.105, the operator must commence sampling for the constituents listed in 35 IAC 811.319(b)(5), and submit an assessment monitoring plan as a significant permit modification, both within 30 days after the dated notification of Agency denial. The operator must sample the well or wells that exhibited the confirmed increase.
17. The first quarterly statistical evaluations shall be performed on groundwater samples taken during the months of January – February and the results submitted to the Illinois EPA by April 15, 2004.
18. The schedule for sample collection and submission of quarterly monitoring results is as follows:

<u>Sampling Quarter</u>	<u>Sampling Due</u>	<u>Report Due Date</u>
Jan-Feb (1st)	List G1	April 15
April-May (2nd)	List G, G1, and G2	July 15
July-Aug (3rd)	List G1	October 15
Oct-Nov (4th)	List G1 and G2	January 15

G – Well-Depth

G1 – Routine Groundwater Parameters

G2 – Semiannual Groundwater Parameters

19. Elevation of stick-up is to be surveyed and reported to the Illinois EPA:
  - a. When the well is installed (with the as-built diagrams),
  - b. Every two years thereafter, or
  - c. Whenever there is reason to believe that the elevation has changed.
20. Annually, the operator shall prepare an evaluation of the groundwater flow direction and the hydraulic gradients at the facility using the groundwater surface elevations (STORET #71993) determined for each monitoring event. This assessment shall be submitted with the monitoring results due on July 15.
21. All monitoring points shall be maintained in accordance with the approved permit application such that the required samples and measurements may be obtained.
22. Information required by Conditions VI.10 and VI.18 must be submitted in an electronic format. The facility shall submit a completed "Solid Waste Landfill

Groundwater, Leachate and Gas Reporting Form" (LPC-591) as a cover sheet along with the information submitted as fixed-width text files format. Additional guidance regarding the submittal of the information in an electronic format can be found at

<http://www.epa.illinois.gov/topics/waste-management/groundwater-monitoring/index>

23. Should a demonstration of a confirmed groundwater exceedance due to the facility be made, the proposed design plan change (groundwater extraction system) as proposed in Permit Application Log No. 2001-229 and all addendum, shall be implemented within 30 days after the assessment monitoring and report, approved by the Illinois EPA, determines that groundwater exceedances are due to the facility.
24. Should the proposed design plan change as required in Permit Conditions VI.23 be implemented, the operator shall prepare an annual assessment of the effectiveness of the system. This assessment shall be submitted on or before July 15.
25. Background concentrations which exhibit a statistically significant change shall be adjusted and updated in accordance with 35 IAC 811.320(d)(2) and submitted to the Illinois EPA as a permit modification.
26. As proposed in Application Log No. 2020-477, the operator shall conduct a groundwater monitoring evaluation for all List G1 permitted parameters at well G1M2 on a quarterly basis spanning 3<sup>rd</sup> quarter 2021 through 2<sup>nd</sup> quarter 2022, with an evaluation of results to be submitted thereafter. A report detailing the evaluation, trend data, and analytical data will be used to determine whether any significant change to groundwater geochemistry in well G1M2 is evident after the June 2021 repairs. The application for significant permit modification, including any additional proposals, shall be submitted by August 1, 2022.

## **VII. LANDFILL GAS MANAGEMENT/MONITORING**

1. The landfill gas monitoring plan described in Application Log No. 1994-579 is approved. Monitoring devices shall be put into service in accordance with the following schedule:
  - a. The gas monitoring probes within the waste boundary shall be installed and put into service within ninety days after final cover has been applied to the various areas where they are located.
  - b. Monitoring devices outside the waste boundary shall be put into service when waste has been disposed in the landfill near that monitoring location. Every application for operating authorization of an additional phase shall include documentation for installation of associated gas probes listed in the

table titled "Gas probe installation schedule" submitted in the addendum dated July 18, 2011 of application Log No. 2011-080.

- c. Monitoring devices within buildings shall be put into service when waste disposal begins and the building has been constructed.
  - d. Ambient air monitoring devices shall be put into service downwind of the disposal unit after initial receipt of waste.
  - e. Documentation that all the gas monitoring probes outside the waste boundary and the methane monitoring devices within the on-site buildings have been installed shall be included with the application for a significant modification requesting authorization to place waste upon new liner.
2. The gas monitoring probes both inside and outside the waste boundary shall be monitored for the following parameters:
    - a. Methane;
    - b. Pressure;
    - c. Nitrogen\*;
    - d. Oxygen; and
    - e. Carbon Dioxide

\*NOTE: For routine monitoring, Nitrogen may be reported as the net remaining volume fraction after the other measured constituents have been accounted for.

3. The ambient air monitoring devices described in the Application, Log No. 1994-579, shall be used to test the air downwind of the landfill for methane.
4. All buildings within the facility boundaries shall be monitored continuously for methane.
5. Gas monitoring shall begin immediately after the first significant modification authorizing operation of the new unit is issued, shall continue for at least thirty (30) years after closure and may be discontinued only after the conditions described in 35 IAC, 811.310(c)(4) have been achieved.
6. Sampling and testing of the gas monitoring probes and ambient air monitoring shall be performed at least annually (except for gas probes GP-2 and GP-3) throughout the new unit's operating life. Gas probes GP-2 and GP-3 shall be monitored quarterly.
7. Pursuant to 35 IAC 811.311, in the event of any of the occurrences listed below, the operator must take the steps described in the last two paragraphs of this condition to ensure the protection of human health:



- a. A methane concentration greater than 50 percent of the lower explosive limit in air is detected in any of the below ground monitoring devices outside the waste boundary;
- b. A methane concentration greater than 50 percent of the lower explosive limit in air is detected during ambient air monitoring;
- c. A methane concentration greater than 25 percent of the lower explosive limit in air is detected in any building on or near the facility; or
- d. Malodors attributed to the unit are detected beyond the property boundary.

First, within two business days of the occurrence, the operator must notify the Illinois EPA in writing using the form LPC-591, pursuant to 35 IAC 811.311(b)(1). The notification must identify the location of the occurrence and describe its nature (quantitatively if possible). If the gas exceedance is corrected within 30 days, a follow up LPC-591 form may be submitted to the Illinois EPA describing the correction and providing confirmation test results.

Second, if a follow up LPC-591 is not submitted, then within 180 days of the occurrence, the operator must submit to the Illinois EPA an application for a significant modification that either: 1) proposes a gas collection/management system or modifications to the existing gas collection/management system, or 2) demonstrates that the facility is not the cause of the occurrence.

8. The gas probes shall be inspected at least monthly for structural integrity and proper operation.
9. The results from gas monitoring for each year shall be submitted to the Illinois EPA in the annual report required by 35 IAC, 813.501.
10. At the end of the post-closure care period, the gas monitoring probes shall be decommissioned. The probes outside the waste boundary shall be decommissioned using the method described in the enclosed Illinois EPA monitoring well plugging procedure guidance. In decommissioning the probes within the waste boundaries, the pipes shall be cut off at least two (2) feet below the low permeability layer and plugged. Then the low permeability layer, the protective layer and the vegetation shall be restored in the excavated areas.
11. Modification Nos. 23, 27, 40, 50, 53, 55, 58, 65, 72, 83, 96 and 101, approved construction documentation for a portion of the landfill gas management system consisting of the following:
  - Sixty one (61) gas extraction wells and associated collector piping;
  - 36 temporary Rock Columns and associated horizontal collector piping;
  - Condensate knockout and pumping station;

- Blower/flare outside the northeast corner of Phase 4; and
- Blower/Flare south of Phase 5.

The permittee shall operate the gas collection system in accordance with the requirements of Condition Nos. VII.12 and VII.13.

12. Upon completion of construction of each subsequent phase of the gas management system the operator:
  - a. May temporarily operate the subject phase of the landfill gas management system for a period not exceeding 120-days as a part of a "shakedown period"; and
  - b. Shall submit an acceptance report to the Illinois EPA pursuant to the requirements of 35 IAC, Sections 811.505(d) and 813.203. The acceptance report shall be submitted in the form of a permit application for significant modification and shall demonstrate that the construction of the subject phase of the landfill gas management system has been completed in accordance with the approved designs. The permit application shall be submitted within 30-days of the commencement of the temporary operation referenced in item (a) above.
13. The temporary operation of the gas management system referenced in Condition No. VII.12 of this permit does not relieve the permittee to file reports and/or obtain applicable permit(s) from the Illinois EPA's Bureau of Air. Furthermore, the operation of the gas management system shall not violate any conditions included in the permit(s) issued by the Illinois EPA's Bureau of Air.

#### **VIII. CLOSURE/POST CLOSURE CARE**

1. Per 35 IAC Part 813.401(a), the landfill operator shall send a notice of closure to the Illinois EPA within 30 days after the date of the final volume of waste is received. The facility shall be closed in accordance with the closure plan in Application Log No. 1994-579. Upon completion of closure activities, the operator shall notify the Illinois EPA that the site has been closed in accordance with the approved closure plan utilizing the Illinois EPA's "Affidavit for Certification of Closure of Solid Waste Landfills permitted under 35 IAC Parts 813 and 814".
2. Inspections of the closed landfill shall be conducted in accordance with the approved post-closure care plan. Records of field investigations, inspections, sampling and corrective action taken are to be maintained at the site and made available to Illinois EPA personnel or their designee through an intergovernmental agreement. During the post-closure care period, these records are to be maintained at the office of the site operator.

3. If necessary, the soil over the entire planting area shall be amended with lime, fertilizer and/or organic matter. On sideslopes, mulch or some other form of stabilizing material is to be provided to hold seed in place and conserve moisture.
4. The minimum post-closure care period for this municipal solid waste (MSWLF) landfill is thirty (30) years. When the post-closure care period has been completed, the operator shall notify the Illinois EPA utilizing the Illinois EPA's LPC-PA1 application form entitled "General Application for Permit."
5. The operator shall provide financial assurance for closure and post-closure care pursuant to 35 IAC, 811.700(b). The receipt of waste in the new unit shall not be approved until adequate documentation of financial assurance in accordance with 35 IAC, 811.700(b) has been provided.

However, financial assurance for closure and post-closure care shall be required only for those areas for which authorization to operate has been obtained or is being requested.

6. The operator shall increase the total amount of financial assurance so as to equal the current cost estimate within 90 days of an increase in the current cost estimate in accordance with 35 IAC, 811.701(b).
7. The total cost estimate for closure and post-closure care for this facility approved by Modification No. 115 to Permit No. 1994-579-LF is \$13,086,037. The total cost estimates consist of \$6,403,729 in closure costs; \$6,615,750 in post-closure care costs; and \$66,558 in decommissioning costs. The permittee shall maintain financial assurance in this amount pursuant to 35 IAC 811.701(a).
8. The owner or operator shall adjust the cost estimates for closure, post-closure, and corrective action for inflation on an annual basis during the following time periods:
  - a. The active life of the unit for the closure cost;
  - b. The active life and post-closure care period for the post-closure cost; or
  - c. Until any corrective action program is completed in accordance with 35 IAC, Section 811.326, for the cost of corrective action.

Each year, no later than June 1<sup>st</sup> of that year, the owner or operator shall submit a permit application for significant modification. This application shall provide an update to the cost estimate or a certification that there are no changes to the current cost estimates.

**IX. REPORTING REQUIREMENTS**

1. The annual certification shall be submitted to the Illinois EPA during operation and for the entire post-closure monitoring period, pursuant to 35 IAC 813.501. The certification shall be signed by the operator or duly authorized agent, shall be filed each year by May 1 the following year and shall state:
  - a. All records required to be submitted to the Illinois EPA pursuant to 35 IAC 858.207 and 858.308 have been timely and accurately submitted; and,
  - b. All applicable fees required by the Act have been paid in full.
2. The annual report for each calendar year shall be submitted to the Illinois EPA by May 1 of the following year pursuant to 35 IAC 813.504. The annual report shall include:
  - a. Information relating to monitoring data from the leachate collection system, groundwater monitoring network, gas monitoring system and any other monitoring data specified in this permit, including:
    - 1) Summary of monitoring data for the calendar year;
    - 2) Dates of submittal of comprehensive monitoring data to the Illinois EPA during the calendar year;
    - 3) Statistical summaries and analysis of trends;
    - 4) Changes to the monitoring program; and
    - 5) Discussion of error analysis, detection limits and observed trends.
  - b. Proposed activities:
    - 1) Amount of waste expected in the next year;
    - 2) Structures to be built within the next year; and
    - 3) New monitoring stations to be installed within the next year.
  - c. Any modification or significant modification affecting operation of the facility; and
  - d. The signature of the operator or duly authorized agent as specified in 35 IAC 815.102.

3. The permittee shall submit a completed "Solid Waste Landfill Groundwater, Leachate, Facility and Gas Reporting Form" (LPC 591) as a cover sheet for any notices or reports required by the facility's permit for identification purposes. One copy of the LPC 591 form must accompany each report; however, except for electronically formatted data, the permittee must submit one (1) original and a minimum of two (2) copies of each report you submit to the Illinois EPA. The form is not to be used for applications for supplemental permit or significant modification.
4. All certifications, logs, reports, plan sheets, notices, and groundwater and leachate monitoring data, required to be submitted to the Illinois EPA by the permittee, shall be mailed to the following address:

Illinois Environmental Protection Agency  
Permit Section  
Bureau of Land -- #33  
1021 North Grand Avenue East  
Post Office Box 19276  
Springfield, Illinois 62794-9276

Except for electronic groundwater and leachate monitoring data, the operator shall provide the Illinois EPA with the original and two (2) copies of all certifications, logs, reports and plan sheets required by this permit.

The applicant may appeal this final decision to the Illinois Pollution Control Board pursuant to Section 40 of the Act by filing a petition for a hearing within 35 days after the date of issuance of the final decision. However, the 35-day period may be extended for a period of time not to exceed 90 days by written notice from the applicant and the Illinois EPA within the initial 35-day appeal period. If the owner or operator wishes to receive a 90-day extension, a written request that includes a statement of the date the final decision was received, along with a copy of this decision, must be sent to the Illinois EPA as soon as possible.

For information regarding the request for an extension, please contact:

Illinois Environmental Protection Agency  
Division of Legal Counsel  
1021 North Grand Avenue East  
Post Office Box 19276  
Springfield, IL 62794-9276  
217/782-5544

Page 51

For information regarding the filing of an appeal, please contact:

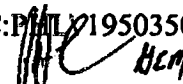
Illinois Pollution Control Board, Clerk  
State of Illinois Center  
100 West Randolph, Suite 11-500  
Chicago, IL 60601  
312/814-3620

Work required by this permit, your application or the regulations may also be subject to other laws governing professional services, such as the Illinois Professional Land Surveyor Act of 1989, the Professional Engineering Practice Act of 1989, the Professional Geologist Licensing Act, and the Structural Engineering Licensing Act of 1989. This permit does not relieve anyone from compliance with these laws and the regulations adopted pursuant to these laws. All work that falls within the scope and definitions of these laws must be performed in compliance with them. The Illinois EPA may refer any discovered violation of these laws to the appropriate regulating authority.

Sincerely,



Jacqueline M. Cooperider, P.E.  
Permit Section Manager  
Permit Section  
Division of Land Pollution Control  
Bureau of Land

JMC:  1950350014-811LF-SM116-2022402 -Approval.docx

Attachments: Standard Conditions  
Attachment 1 – Facility AGQS Values  
Attachment 2 – Intrawell AGQS Values

cc: Joshua Hey, P.E., Waste Management of Illinois, Inc.

**STANDARD CONDITIONS FOR CONSTRUCTION/DEVELOPMENT PERMITS  
ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
BUREAU OF LAND**

August 22, 2001

The Illinois Environmental Protection Act (Illinois Revised Statutes, Chapter 111-1/2, Section 1039) grants the Environmental Protection Agency authority to impose conditions on permits which it issues.

These standard conditions shall apply to all permits which the Agency issues for construction or development projects which require permits under the Bureau of Land. Special conditions may also be imposed in addition to these standard conditions.

1. Unless this permit has been extended or it has been voided by a newly issued permit, this permit will expire two years after date of issuance unless construction or development on this project has started on or prior to that date.
2. The construction or development of facilities covered by this permit shall be done in compliance with applicable provisions of Federal laws and regulations, the Illinois Environmental Protection Act, and Rules and Regulations adopted by the Illinois Pollution Control Board.
3. There shall be no deviations from the approved plans and specifications unless a written request for modification of the project, along with plans and specifications as required, shall have been submitted to the Agency and a supplemental written permit issued.
4. The permittee shall allow any agent duly authorized by the Agency upon the presentation of credentials:
  - a. to enter at reasonable times the permittee's premises where actual or potential effluent, emissions or noise sources are located or where any activity is to be conducted pursuant to this permit.
  - b. to have access to and copy at reasonable times any records required to be kept under the terms and conditions of this permit.
  - c. to inspect at reasonable times, including during any hours of operation of equipment constructed or operated under this permit, such equipment or monitoring methodology or equipment required to be kept, used, operated, calibrated and maintained under this permit.
  - d. to obtain and remove at reasonable times samples of any discharge or emission of pollutants.

- e. to enter at reasonable times and utilize any photographic, recording, testing, monitoring or other equipment for the purpose of preserving, testing, monitoring, or recording any activity, discharge, or emission authorized by this permit.
5. The issuance of this permit:
- a. shall not be considered as in any manner affecting the title of the premises upon which the permitted facilities are to be located;
  - b. does not release the permittee from any liability for damage to person or property caused by or resulting from the construction, maintenance, or operation of the proposed facilities;
  - c. does not release the permittee from compliance with other applicable statutes and regulations of the United States, of the State of Illinois, or with applicable local laws, ordinances and regulations;
  - d. does not take into consideration or attest to the structural stability of any units or parts of the project;
  - e. in no manner implies or suggests that the Agency (or its officers, agents or employees) assumes any liability, directly or indirectly, for any loss due to damage, installation, maintenance, or operation of the proposed equipment or facility.
6. Unless a joint construction/operation permit has been issued, a permit for operating shall be obtained from the Agency before the facility or equipment covered by this permit is placed into operation.
7. These standard conditions shall prevail unless modified by special conditions.
8. The Agency may file a complaint with the Board for modification, suspension or revocation of a permit:
- a. upon discovery that the permit application contained misrepresentations, misinformation or false statements or that all relevant facts were not disclosed; or
  - b. upon finding that any standard or special conditions have been violated; or
  - c. upon any violation of the Environmental Protection Act or any Rule or Regulation effective thereunder as a result of the construction or development authorized by this permit.

JMC\STANDARD CONDITIONS



1950350014 – Prairie Hill RDF  
 Permit No. 1994-579-LF  
 Log No. 2022-402

Attachment 1 – Facility AGOS values

Quarterly Facility AGOS Values

<u>FIELD PARAMETERS</u>	<u>STORETS</u>	<u>MAPC</u>	<u>AGOS</u>
pH (S.U.)	00400		
Specific Conductance (umhos/cm)	00094		
Temperature of Water Sample (°F)	00011	----	----
Depth to Water (ft. below land surface)	72019	----	----
Depth to Water (ft. below measuring point)	72109	----	----
Elevation of Measuring Point (Top of casing ft. MSL)	72110	----	----
Elevation of Groundwater Surface (ft. MSL)	71993	----	----
Elevation of Bottom of Well (ft. MSL)	72020	----	----
<u>INDICATOR PARAMETERS</u>	<u>STORETS</u>	<u>MAPC</u>	<u>AGOS</u>
Ammonia (as Nitrogen) (Dissolved mg/L)	00608	1.886	1.886
Arsenic (Dissolved ug/L)	01000	23	23
Boron (Dissolved) ug/L	01020	107.6	107.6
Cadmium (Dissolved) ug/L	01025	40	40
Chloride (Dissolved, mg/L)	00941	261.7	261.7
Chromium (Dissolved, ug/L)	01030	4	4
Cyanide (mg/L) (Total)	00720	0.033	0.033
Lead (Dissolved) ug/L	01049	5.8	5.8
Iron (Dissolved) ug/L (See Note iv.)	01046	5200	5200
Magnesium (Dissolved, mg/L)	00925	110.3	110.3
Manganese (Dissolved) ug/L	01056	562	562
Mercury (Dissolved, ug/L)	71900	0.2	0.2
Nitrate (as N) (Dissolved) mg/L	00618	25.7	25.7
Phenol (Total) ug/L	32730	89	89
Sulfate (Dissolved, mg/L)	00946	85.16	85.16
Total Dissolved Solids mg/L	70300	800.539	800.539
Zinc (Dissolved) ug/L	01090	20	20
<u>VOLATILE ORGANIC PARAMETERS</u>	<u>STORETS</u>	<u>MAPC</u>	<u>AGOS</u>
Acetone	81552	100	100
Benzene	34030	5	5
Chlorobenzene	34301	5	5
Chloroethane	34311	5	5

## Attachment 1

Quarterly Facility AGOS Values (Cont.)

<u>VOLATILE ORGANIC PARAMETERS</u>	<u>STORETS</u>	<u>MAPC</u>	<u>AGOS</u>
Chloroform	32106	5	5
Chloromethane	34418	5	5
p-Dichlorobenzene	34571	5	5
Dichlorodifluoromethane	34668	5	5
1,1-Dichloroethane	34496	5	5
1,2-Dichloroethane	34531	5	5
1,1-Dichloroethene	34501	5	5
cis-1,2-Dichloroethene	77093	5	5
trans-1,2-Dichloroethene	34546	5	5
1,2-Dichloropropane	34541	5	5
Methylene Chloride	34423	5	5
Tetrachloroethene	34475	5	5
Toluene	34010	5	5
1,1,1-Trichloroethane	34506	5	5
Trichloroethene	39180	5	5
Vinyl Chloride	39175	5	5
Xylenes	81551	5	5

Annual Facility AGOS Values

<u>PARAMETERS (ug/L)</u>	<u>STORETS</u>	<u>MAPC</u>	<u>AGOS</u>
<u>UNFILTERED (totals)</u>			
Acenaphthene	34205	5	5
Anthracene	34220	5	5
Acetone	81552	100	100
Acrolein	34210	100	100
Acrylonitrile,	34215	200	200
Alachlor	77825	0.1	0.1
Aldicarb	39053	0.5	0.5
Aldrin	39330	0.05	0.05
alpha-BHC	39337	0.05	0.05
Aluminum	01105	1942000	1942000
Ammonia (as N) (mg/L)	00610	1.886	1.886
Antimony	01097	30	30
Arsenic	01002	63	63
Atrazine	39033	2	2
alpha-BHC	39337	0.053	0.053
Bacteria (Fecal Coliform) (col/100ml)	31616	20	20
Barium	01007	4300	4300
Benzene	34030	5	5

## Attachment 1

Annual Facility AGOS Values (Cont.)

<u>PARAMETERS</u> (ug/L)	<u>STORETS</u>	<u>MAPC</u>	<u>AGOS</u>
<u>UNFILTERED</u> (totals)			
Benzo(a)anthracene	34526	0.1	0.1
Benzo(a)Pyrene	34247	0.2	0.2
Benzo(b)fluoranthene	34230	0.10	0.10
Benzo(k)fluoranthene	34242	0.10	0.10
Benzoic Acid	77247	150	150
Beryllium	01012	7.2	7.2
BOD (mg/L)	00310	6	6
Boron	01022	200	200
Bromobenzene	81555	5	5
Bromochloromethane (chlorobromomethane)	77297	5	5
Bromodichloromethane	32101	5	5
Bromoform (Tribromomethane)	32104	5	5
Bromomethane (Methyl Bromide)	34413	5	5
Butanol	45265	40	40
n-Butylbenzene	77342	5	5
sec-Butylbenzene	77350	5	5
tert-Butylbenzene	77353	5	5
Butyl Benzyl Phthalate	34292	10	10
Cadmium	01027	32	32
Calcium (mg/L)	00916	2084.418	2084.418
Carbofuran	81405	0.9	0.9
Carbon Disulfide	77041	100	100
Carbon Tetrachloride	32102	5	5
Chemical Oxygen Demand (COD) (mg/L)	00335	2636	2636
Chlordane	39350	0.1	0.1
Chloride (mg/L)	00940	261.712	261.712
Chlorobenzene	34301	5	5
Chloroethane (Ethyl Chloride)	34311	5	5
Chloroform (Trichloromethane)	32106	5	5
Chloromethane (Methyl Chloride)	34418	5	5
bis(chloromethyl)Ether	34268	2000	2000
o-Chlorotoluene	38680	5	5
p-Chlorotoluene	77277	5	5
Chromium	01034	680	680
Chrysene	34320	5	5
Chlorodibromomethane (Dibromochloromethane)	32105	5	5
Cobalt	01037	370	370
Copper	01042	880	880
o-Cresol	77152	10	10
m/p-Cresol	77146	10	10

## Attachment 1

Annual Facility AGOS Values (Cont.)

<u>PARAMETERS (ug/L)</u>	<u>STORETS</u>	<u>MAPC</u>	<u>AGOS</u>
<u>UNFILTERED (totals)</u>			
Cyanide (mg/L)	00720	33	33
Dalapon	38432	1	1
DDT	39300	0.1	0.1
Dibenz(a,h)anthracene	34556	0.1	0.1
Dibromomethane (Methylene Bromide)	77596	5	5
Dicamba	82052	5	5
m-Dichlorobenzene (1,3 Dichlorobenzene)	34566	5	5
o-Dichlorobenzene (1,2 Dichlorobenzene)	34536	5	5
p-Dichlorobenzene (1,4 Dichlorobenzene)	34571	5	5
Dichlorodifluoromethane	34668	5	5
Dichloromethane (Methylene Chloride)	34423	5	5
Dieldrin	39380	0.05	0.05
Diethyl Phthalate	34336	10	10
Dimethyl Phthalate	34341	10	10
Di-N-Butyl Phthalate	39110	10	10
Dinoseb (DNBP)	81287	1	1
Endothall	38926	10	10
Endrin	39390	0.1	0.1
bis(2-Ethylhexyl)Phthalate	39100	10	10
Ethylbenzene	78113	5	5
Ethylene Dibromide (EDB)(1,2-Dibromo ethane)	77651	5	5
Fluoranthene	34376	5	5
Fluorene	34381	5	5
Fluoride (mg/L)	00951	760	760
Heptachlor	39410	0.05	0.05
Heptachlor Epoxide	39420	1	1
Hexachlorobutadiene	39702	5	5
Ideno(1,2,3-cd)pyrene	34403	0.1	0.1
Iodomethane (Methyl Iodide)	77424	5	5
Iron	01045	5780496	5780496
Isophrone	34408	10	10
Isopropylbenzene	77223	5	5
p-Isopropyltoluene	77356	5	5
Lead	01051	500	500
Lindane	39782	0.1	0.1
Magnesium (mg/L)	00927	1143.953	1143.953
Manganese	01055	48267	48267
MCPP	38491	5	5
Mercury	71900	3.5	3.5
Methoxyclor	39480	2	2

## Attachment 1

Annual Facility AGOS Values (Cont.)

<u>PARAMETERS</u> (ug/L)	<u>STORETS</u>	<u>MAPC</u>	<u>AGOS</u>
<u>UNFILTERED</u> (totals)			
Molybdenum	01129	10	10
MTBE	46491	3.4	3.4
Naphthalene	34696	10	10
Nickel	01067	870	870
Nitrate-Nitrogen (mg/L)	00620	25.7	25.7
Oil(Hexane-Soluble or Equivalent) (mg/L)	00552	17	17
Parathion	39540	10	10
Pentachlorophenol	39032	50	50
Perchlorate	61209	0.05	0.05
pH	00400		
Phenols	32730	89	89
Phosphorous (mg/L)	00665	1.1	1.1
Picloram	39720	1.0	1.0
Polychlorinated Biphenyls	39516	50	50
Potassium (mg/L)	00937	25.998	25.998
n-Propylbenzene	77224	5	5
Pyrene	34469	5	5
Radium-226 (pCi/L)	09501	0.534	0.534
Radium-228 (pCi/L)	11501	0.636	0.636
Selenium	01147	10	10
Silver	01077	70	70
Simazine	39055	4	4
Sodium (mg/L)	00929	47.572	47.572
Styrene	77128	5	5
Sulfate (mg/L)	00945	85.16	85.16
TOC (mg/L)	00680	93.100	93.100
Tetrachloroethylene (Perchloroethylene)	34475	5	5
Tetrahydrofuran	81607	10	10
Thallium	01059	1000	1000
Toluene	34010	5	5
Toxaphene	39400	2	2
Trichloroethylene (Trichloroethene)	39180	5	5
Trichlorofluoromethane	34488	5	5
Vanadium	01087	80	80
Vinyl Chloride	39175	5	5
Vinyl Acetate	77057	50	50
Xylenes	81551	5	5
o-Xylene	77135	5	5
m/p-Xylene	85795	5	5
Zinc	01092	6611	6611

## Attachment 1

Annual Facility AGQS Values (Cont.)

<u>PARAMETERS</u> (ug/L)	<u>STORETS</u>	<u>MAPC</u>	<u>AGQS</u>
<u>UNFILTERED</u> (totals)			
1,1,1,2-Tetrachloroethane	77562	5	5
1,1,1-Trichloroethane	34506	5	5
1,1,2,2-Tetrachloroethane	34516	5	5
1,1,2-Trichloroethane (Methylchloroform)	34511	5	5
1,1-Dichloroethane	34496	5	5
1,1-Dichloroethylene	34501	5	5
1,1-Dichloropropene	77168	5	5
1,2,3-Trichlorobenzene	77613	10	10
1,2,3-Trichloropropane	77443	15	15
1,2,4-Trichlorobenzene	34551	10	10
1,2,4-Trimethylbenzene	77222	10	10
1,2-Dibromo-3-Chloropropane (DBCP)	38760	25	25
cis-1,2-Dichloroethylene	77093	5	5
trans-1,2-Dichloroethylene	34546	5	5
1,2-Dichloroethane	34531	5	5
1,2-Dichloropropane (Propylene Dichloride)	34541	5	5
1,3,5-Trimethylbenzene	77226	10	10
1,3-Dichloropropane	77173	5	5
1,3-Dichloropropene	34561	10	10
cis-1,3-Dichloropropene	34704	10	10
trans-1,3-Dichloropropene	34699	10	10
trans-1,4-Dichloro-2-Butene	73547	100	100
1,4-Dioxane	81582	520	520
2,2-Dichloropropane	77170	15	15
2,4,5-TP (Silvex)	39760	2	2
2,4-Dichlorophenoxyacetic Acid (2,4-D)	39730	10	10
2-Butanone(Methyl Ethyl Ketone)	81595	100	100
2-Hexanone (Methyl Butyl Ketone)	77103	50	50
2-Methylnaphthalene	77152	5	5
2-Methylphenol	77152	5	5
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	78133	100	100

**NOTE:** AGQS and MAPC values have been calculated using a minimum of four (4) consecutive quarters of groundwater monitoring data and calculated at the 99% Upper Confidence Limit.

Attachment 2:  
Intrawell AGQS values

1950350014 - Prairie Hill RDF  
Permit No. 1994-579-LF  
Log No. 2022-402

Inorganics	Units	Site AGQS	GIC2 AGQS	GIC3 AGQS	GIE2 AGQS	GIK2 AGQS	GIK3 AGQS	GIK8 AGQS	GIK9 AGQS	GIL0 AGQS	GIL1 AGQS	GIL2 AGQS	GIL3 AGQS	GIL4 AGQS
<b>Dissolved</b>														
Ammonia	mg/L	1.886	1.9	1.886	1.886	5.83		9.45				3.82		
Arsenic	ug/L	23	23	23	23		32.66	133.1			103			
BOD	mg/L											16.2	21.3	
Boron	ug/L	50	94	95.75	50			89.5						
Cadmium	ug/L	40	40	40	40									
Chloride	mg/L	261.7	261.7	261.7	261.7			29.45	3.82					
Cyanide	mg/L	0.033	0.033	0.033	0.033									
Iron	ug/L	5200	11460	10800	6797		30730			6713		3200		
Lead	ug/L	5.8	5.8	5.8	5.8									
Magnesium	mg/L							494						
Manganese	ug/L	562	562	562	562									
Nitrate	mg/L	25.7	25.7	25.7	25.7									
Phenols	mg/L	89	89	89	89									
Sulfate	mg/L	85.16	113	85.16	85.16		165.6	2196						
TDS	mg/L	800.539	800.539	800.539	800.539			5846						406
Zinc	ug/L	20	20	20	20									
<b>Totals</b>														
Ammonia	mg/L											3.49		
<b>VOCs</b>														
1,1,1-Trichloroethane	ug/L	5	5	5	5									
1,1-Dichloroethane	ug/L	5	5	13	16									
1,1-Dichloroethene	ug/L	5	5	5	5									
1,2-Dichloroethane	ug/L	5	5	5	5									
1,2-Dichloropropane	ug/L	5	5	5	5									
1,4-Dichlorobenzene	ug/L	5	5	5	5									
Acetone	ug/L	100	100	100	100									
Benzene	ug/L	5	5	5	5									
Chlorobenzene	ug/L	5	5	5	5									
Chloroethane	ug/L	5	5	5	5									
Chloroform	ug/L	5	5	5	5									
Chloromethane	ug/L	5	5	5	5									
CIS-1,2-Dichloroethene	ug/L	5	5	5	5									
Dichlorodifluoromethane	ug/L	5	5	5	5									
Methylene Chloride	ug/L	5	5	5	5									
Tetrachloroethene	ug/L	5	5	5	5									
Toluene	ug/L	5	5	5	5									
Trans-1,2-Dichloroethene	ug/L	5	5	5	5									
Trichloroethene	ug/L	5	5	5	5									
Vinyl Chloride	ug/L	5	5	5	5									
Xylene	ug/L	5	5	5	5									

Attachment 2:  
Intrawell AGQS values

Inorganics	Units	Site AGQS	G1L5 AGQS	G1L6 AGQS	G1L9 AGQS	G1M0 AGQS	G1M1 AGQS	G1M2 AGQS	G1M3 AGQS	G1M6 AGQS	G1M7 AGQS	G1M8 AGQS	G1M9 AGQS	G1N7 AGQS
<b>Dissolved</b>														
Ammonia	mg/L	1.886					1.886	2.76	1.886					
Arsenic	ug/L	23					23	23	23					70.6
BOD	mg/L						19.3	9.4						
Boron	ug/L	50					71	54.2	50					
Cadmium	ug/L	40					40	40	40					
Chloride	mg/L	261.7					261.7	261.7	261.7				1016.3	
Cyanide	mg/L	0.033					0.033	0.033	0.033					
Iron	ug/L	5200	23,505		6733	12183	10800	9537	5200					
Lead	ug/L	5.8					5.8	5.8	5.8					
Magnesium	mg/L												300	
Manganese	ug/L	562					562	562	562					
Nitrate	mg/L	25.7					25.7	25.7	25.7					
Phenols	mg/L	89					89	89	89					
Sulfate	mg/L	85.16		104.83			85.16	85.16	85.16	21		187.5	385.5	
TDS	mg/L	800.539					1034	800.539	800.539		1106		2306.1	
Zinc	ug/L	20					20	20	20					
<b>Totals</b>														
<b>Ammonia</b>	mg/L													
<b>VOCs</b>														
1,1,1-Trichloroethane	ug/L	5					5	5	5					
1,1-Dichloroethane	ug/L	5				45.4	19	5	5	21				
1,1-Dichloroethene	ug/L	5					5	5	5					
1,2-Dichloroethane	ug/L	5					5	5	5					
1,2-Dichloropropane	ug/L	5					5	5	5					
1,4-Dichlorobenzene	ug/L	5					5	5	5					
Acetone	ug/L	100					100	100	100					
Benzene	ug/L	5					5	5	5					
Chlorobenzene	ug/L	5					5	5	5					
Chloroethane	ug/L	5					5	5	5					
Chloroform	ug/L	5					5	5	5					
Chloromethane	ug/L	5					5	5	5					
CIS-1,2-Dichloroethene	ug/L	5					5	5	5	11				
Dichlorodifluoromethane	ug/L	5					5	5	5					
Methylene Chloride	ug/L	5					5	5	5					
Tetrachloroethene	ug/L	5					5	5	5					
Toluene	ug/L	5					5	5	5					
Trans-1,2-Dichloroethene	ug/L	5					5	5	5					
Trichloroethene	ug/L	5					5	5	5					
Vinyl Chloride	ug/L	5					5	5	5					
Xylene	ug/L	5					5	5	5					

JMC:PHL/1950350014-811LF-SM116-2022402-Att2





# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

217/524-3301

FEB 10 2023

CERTIFIED MAIL

RETURN RECEIPT REQUESTED

7011 1150 0001 0857 9015

The County of Whiteside  
Attn: Russell Renner  
200 E. Knox St.  
Morrison, Illinois 61270-9587

Waste Management of Illinois, Inc.  
Attn: Mike Wiersema  
18762 Lincoln Road  
Morrison, Illinois 61270-9587

Re: 1950350014 -- Whiteside County  
Prairie Hill RDF  
Permit No. 1994-579-LF  
Modification No. 116  
Log No. 2022-402  
Expiration Date: July 15, 2025  
Permit Landfill 811 File  
Permit Approval

Dear Mr. Renner and Mr. Wiersema:

Permit has been granted to the County of Whiteside as owner and Waste Management of Illinois, Inc., as operator, approving development of new municipal solid waste landfill all in accordance with the application and plans provided in Application Log No. 1994-579, specifications, application, and supporting documents, as submitted and approved, shall constitute part of this permit and are identified in the records of the Illinois Environmental Protection Agency (Illinois

EPA Prairie Hill 1950350014 2022-402

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you <i>2-10-23</i></li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>		<p>A. Signature  <input checked="" type="checkbox"/> Agent  <input type="checkbox"/> Addressee  <i>LR Kappan</i></p>	
<p>1. Article Addressed to:</p> <p>Russell Renner County of Whiteside 200 E. Knox St. Morrison, IL, 61270-9587</p>		<p>B. Received by (Printed Name) <i>LR Kappan</i></p> <p>C. Date of Delivery <i>2-13-23</i></p>	
<p>2. Article Number (Transfer from service label)</p> <p><i>7011 1150 0001 0857 9015</i></p>		<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes if YES, enter delivery address below: <input type="checkbox"/> No</p>	
<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature  <input type="checkbox"/> Adult Signature Restricted Delivery  <input checked="" type="checkbox"/> Certified Mail®  <input checked="" type="checkbox"/> Certified Mail Restricted Delivery  <input type="checkbox"/> Collect on Delivery  <input type="checkbox"/> Collect on Delivery Restricted Delivery  <input type="checkbox"/> Insured Mail  <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p>		<p><input type="checkbox"/> Priority Mail Express®  <input type="checkbox"/> Registered Mail™  <input type="checkbox"/> Registered Mail Restricted Delivery  <input type="checkbox"/> Signature Confirmation™  <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>	
<p>9590 9402 6992 1225 5350 96</p>		<p>Domestic Return Receipt</p>	

7011 1150 0001 0857 9015

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 County of Whiteside  
 200 E. Knox St.  
 Morrison, IL, 61270-9587

PS Form 3800, August 2003 See Reverse for Instructions

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Illinois EPA  
 Bureau of Land Permits #33  
 1021 North Grand Ave East  
 Springfield, IL 62702

BOL Log# 024-006, today is: 2-26-24, Logged in/out by: Ln support staff.**CROPA form (Coordinated Review of Permit Application)****REQUEST MEMORANDUM**

Date: February 23, 2024 Please return to BOL, Permits  
 To: Bill Marr, Permit Bureau of Air, mail code #11  
Darin LeCrone, Section: Water Pollution Control, mail code #15  
Mike Summers, Public Water Supply, mail code #13  
 From: Jacqueline Cooperider, Permit Section, DLPC

SUBJECT: Notice of Land Project for Coordinated Permit Review ConsiderationPrairie Hill RDF,Morrison (Whiteside County)

Site Name

Site City

Land Division received a permit application on January 17, 2024 for the project identified below. It is a significant land project as defined by CROPA Rules. Please review the project description and attached documents for significance with respect to your division and respond by March 22, 2024. DLPC has until April 16, 2024 to make our permit decision.

Project: Development and operation permit application of a non-hazardous materials storage and transfer facility at the existing Prairie Hill RDF facility. Site Address: 18465 Lincoln Road, Morrison, IL 61270. Bureau of Air Site No. mentioned in the application: None; Bureau of Water Site No. mentioned in the application: None. Guidance needed on whether accepting offsite leachate from other WM operated facilities for disposal in the leachate evaporator require new BOL permit or BOW permit and/or affect BOA or BOW issued permits.

Comments: \_\_\_\_\_.

If you need more information about this project please contact Joshua Hey (facility contact) at phone no. (224)- 545-2229 E-mail: jhey@wm.com.

If you need further information about this application, please contact Carlos Khairallah (BOL, Permits assigned reviewer) at BOL phone no. 217-557-1435.

BOL response logged in/out date: \_\_\_\_\_, by: \_\_\_\_\_ support staff.

**RESPONSE MEMORANDUM**

DATE: FEBRUARY 27, 2024  
 TO: CARLOS KHAIRALLAH, Permit Section, DLPC  
 FROM: DANIEL ROWELL, Permit Section  
 SUBJECT: Determination of CROPA Significance with Respect to APC/PWS/WPC  
 Division of BOA - PERMITS has reviewed the subject application and has determined that:

**Check ALL below as appropriate:**

- (1) Project:  Is significant **OR**  Is not significant  
 (2) Project involves:  Emissions to atmosphere  Waterway  
 Discharge to sewer  
 Public water supply  
 (3) A permit:  Is needed **OR**  Has been issued **OR**  Is not required  
 (4) If a permit is needed:  Application is in house **OR**  Facility has been contacted  Application forms have been sent

Please coordinate future discussions about this project with:

DANIEL ROWELLPhone 8-4368

Comments: NOTIFICATION PROVIDED BY E-MAIL THAT A REVISED AIR CONSTRUCTION PERMIT FOR THE LEACHATE EVAPORATOR WOULD BE REQUIRED TO PROVIDE THIS OPERATIONAL FLEXIBILITY.

**Khairallah, Carlos**

---

**From:** Rowell, Daniel  
**Sent:** Tuesday, February 27, 2024 11:29 AM  
**To:** Khairallah, Carlos  
**Cc:** Cooperider, Jacki; Schnepf, Jason  
**Subject:** RE: CROPA - Prairie Hill RDF; Log #O24-006  
**Attachments:** Scanned from a Xerox Multifunction Printer.pdf

Carlos-

I have an idea of how I would like to respond to your CROPA. However, I would like to clarify a few points on this before doing so. Has Waste Management (WM) obtained, or plans to obtain, proper siting to accept and process leachate from other WM owned/operated landfills? In this regard, I am concerned that this project (i.e., accepting leachate from other landfills) may constitute a new "pollution control facility" for purposes of Section 3.300 of the Illinois Environmental Protection Act. This is because the leachate evaporator may now constitute a waste treatment facility that would process waste materials (i.e., leachate) not generated directly by the Prairie Hill Landfill.

Has BOL considered whether Section 3.300 of the Act applies? Has BOL considered whether siting under Section 39.2 of the Act is necessary? If neither are applicable, could BOL clarify why that is the case?

Thanks-

Daniel Rowell, P.E.  
Working Supervisor/Technical Expert  
CAAPP Construction Unit  
Illinois EPA, Bureau of Air, Permit Section  
Phone: 217/558-4368  
E-Mail: daniel.rowell@illinois.gov

-----Original Message-----

From: Marr, Bill <Bill.Marr@illinois.gov>  
Sent: Monday, February 26, 2024 2:31 PM  
To: Marr, Linda <Linda.Marr@Illinois.gov>  
Cc: Rowell, Daniel <Daniel.Rowell@illinois.gov>; Abdelqader, Samy <Samy.Abdelqader@Illinois.gov>; Hendrickson, Ryan <Ryan.Hendrickson@illinois.gov>; Adelman, Amy M. <Amy.M.Adelman@Illinois.gov>  
Subject: RE: CROPA - Prairie Hill RDF; Log #O24-006

Daniell Rowell has been assigned.

-----Original Message-----

From: Marr, Linda <Linda.Marr@Illinois.gov>  
Sent: Monday, February 26, 2024 12:20 PM  
To: Marr, Bill <Bill.Marr@illinois.gov>; Brown, Michael L. <Michael.L.Brown@Illinois.gov>  
Subject: FW: CROPA - Prairie Hill RDF; Log #O24-006

Please provide comments by March 22. Thank you.

-----Original Message-----

From: Marr, Linda <Linda.Marr@Illinois.gov>

Sent: Monday, February 26, 2024 11:21 AM

To: Marr, Linda <Linda.Marr@Illinois.gov>; Summers, Michelle <Michelle.Summers@Illinois.gov>; Rompot, Derek <Derek.Rompot@Illinois.gov>

Cc: Adelman, Amy M. <Amy.M.Adelman@Illinois.gov>

Subject: FW: CROPA - Prairie Hill RDF; Log #O24-006

Please provide comments by March 22. Thank you

State of Illinois - CONFIDENTIALITY NOTICE: The information contained in this communication is confidential, may be attorney-client privileged or attorney work product, may constitute inside information or internal deliberative staff communication, and is intended only for the use of the addressee. Unauthorized use, disclosure or copying of this communication or any part thereof is strictly prohibited and may be unlawful. If you have received this communication in error, please notify the sender immediately by return e-mail and destroy this communication and all copies thereof, including all attachments. Receipt by an unintended recipient does not waive attorney-client privilege, attorney work product privilege, or any other exemption from disclosure.

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Site City

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Comments: \_\_\_\_\_.

If you need more information about this project please contact Joshua Hey (facility contact) at phone no. (224)- 545-2229 E-mail: jhey@wm.com.

If you need further information about this application, please contact Carlos Khairallah (BOL, Permits assigned reviewer) at BOL phone no. 217-557-1435.

BOL response logged in/out date: \_\_\_\_\_, by: \_\_\_\_\_ support staff.

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DATE: FEBRUARY 27, 2024  
 TO: CARLOS KHAIRALLAH, Permit Section, DLPC  
 FROM: DANIEL ROWELL, Permit Section  
 SUBJECT: Determination of CROPA Significance with Respect to APC/PWS/WPC  
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DANIEL ROWELLPhone 8-4368

Comments: NOTIFICATION PROVIDED BY E-MAIL THAT A REVISED AIR CONSTRUCTION PERMIT FOR THE LEACHATE EVAPORATOR WOULD BE REQUIRED TO PROVIDE THIS OPERATIONAL FLEXIBILITY.

**Khairallah, Carlos**

---

**From:** Rowell, Daniel  
**Sent:** Tuesday, February 27, 2024 3:50 PM  
**To:** Khairallah, Carlos  
**Cc:** Cooperider, Jacki; Schnepf, Jason; Adelman, Amy M.  
**Subject:** RE: CROPA - Prairie Hill RDF; Log #O24-006  
**Attachments:** Scanned from a Xerox Multifunction Printer.pdf

Thanks, Carlos. Notwithstanding the concerns that appear to be shared by BOL and BOA, please find attached a response to your CROPA.

Please keep BOA Permits in the loop as to any determinations made by DLC in this matter as it would likely impact air permitting as well.

Thanks-  
Daniel

-----Original Message-----

From: Khairallah, Carlos <Carlos.Khairallah@Illinois.gov>  
Sent: Tuesday, February 27, 2024 3:17 PM  
To: Rowell, Daniel <Daniel.Rowell@illinois.gov>  
Cc: Cooperider, Jacki <Jacki.Cooperider@Illinois.gov>; Schnepf, Jason <Jason.Schnepf@Illinois.gov>  
Subject: RE: CROPA - Prairie Hill RDF; Log #O24-006

Daniel,

No, WM has not obtained new siting approval and is not planning to obtain one for this site. BOL is currently inquiring with DLC about this very same issue and have not received a final decision/recommendation from them yet.

Thanks,

Carlos Khairallah (Karella)  
Illinois Environmental Protection Agency Bureau of Land/Permit Section  
(217) 557-1435  
Carlos.Khairallah@Illinois.gov

State of Illinois - CONFIDENTIALITY NOTICE: The information contained in this communication is confidential, may be attorney-client privileged or attorney work product, may constitute inside information or internal deliberative staff communication, and is intended only for the use of the addressee. Unauthorized use, disclosure or copying of this communication or any part thereof is strictly prohibited and may be unlawful. If you have received this communication in error, please notify the sender immediately by return e-mail and destroy this communication and all copies thereof, including all attachments. Receipt by an unintended recipient does not waive attorney-client privilege, attorney work product privilege, or any other exemption from disclosure.

-----Original Message-----

From: Rowell, Daniel <Daniel.Rowell@illinois.gov>

Sent: Tuesday, February 27, 2024 11:29 AM  
To: Khairallah, Carlos <Carlos.Khairallah@Illinois.gov>  
Cc: Cooperider, Jacki <Jacki.Cooperider@Illinois.gov>; Schnepf, Jason <Jason.Schnepf@Illinois.gov>  
Subject: RE: CROPA - Prairie Hill RDF; Log #O24-006

Carlos-

I have an idea of how I would like to respond to your CROPA. However, I would like to clarify a few points on this before doing so. Has Waste Management (WM) obtained, or plans to obtain, proper siting to accept and process leachate from other WM owned/operated landfills? In this regard, I am concerned that this project (i.e., accepting leachate from other landfills) may constitute a new "pollution control facility" for purposes of Section 3.300 of the Illinois Environmental Protection Act. This is because the leachate evaporator may now constitute a waste treatment facility that would process waste materials (i.e., leachate) not generated directly by the Prairie Hill Landfill.

Has BOL considered whether Section 3.300 of the Act applies? Has BOL considered whether siting under Section 39.2 of the Act is necessary? If neither are applicable, could BOL clarify why that is the case?

Thanks-

Daniel Rowell, P.E.  
Working Supervisor/Technical Expert  
CAAPP Construction Unit  
Illinois EPA, Bureau of Air, Permit Section  
Phone: 217/558-4368  
E-Mail: daniel.rowell@illinois.gov

-----Original Message-----

From: Marr, Bill <Bill.Marr@illinois.gov>  
Sent: Monday, February 26, 2024 2:31 PM  
To: Marr, Linda <Linda.Marr@Illinois.gov>  
Cc: Rowell, Daniel <Daniel.Rowell@illinois.gov>; Abdelqader, Samy <Samy.Abdelqader@Illinois.gov>; Hendrickson, Ryan <Ryan.Hendrickson@illinois.gov>; Adelman, Amy M. <Amy.M.Adelman@Illinois.gov>  
Subject: RE: CROPA - Prairie Hill RDF; Log #O24-006

Daniell Rowell has been assigned.

-----Original Message-----

From: Marr, Linda <Linda.Marr@Illinois.gov>  
Sent: Monday, February 26, 2024 12:20 PM  
To: Marr, Bill <Bill.Marr@illinois.gov>; Brown, Michael L. <Michael.L.Brown@Illinois.gov>  
Subject: FW: CROPA - Prairie Hill RDF; Log #O24-006

Please provide comments by March 22. Thank you.

-----Original Message-----

From: Marr, Linda <Linda.Marr@Illinois.gov>  
Sent: Monday, February 26, 2024 11:21 AM  
To: Marr, Linda <Linda.Marr@Illinois.gov>; Summers, Michelle <Michelle.Summers@Illinois.gov>; Rompot, Derek <Derek.Rompot@Illinois.gov>  
Cc: Adelman, Amy M. <Amy.M.Adelman@Illinois.gov>  
Subject: FW: CROPA - Prairie Hill RDF; Log #O24-006



Please provide comments by March 22. Thank you

State of Illinois - CONFIDENTIALITY NOTICE: The information contained in this communication is confidential, may be attorney-client privileged or attorney work product, may constitute inside information or internal deliberative staff communication, and is intended only for the use of the addressee. Unauthorized use, disclosure or copying of this communication or any part thereof is strictly prohibited and may be unlawful. If you have received this communication in error, please notify the sender immediately by return e-mail and destroy this communication and all copies thereof, including all attachments. Receipt by an unintended recipient does not waive attorney-client privilege, attorney work product privilege, or any other exemption from disclosure.

### CROPA form (Coordinated Review of Permit Application)

#### REQUEST MEMORANDUM

Date: February 23, 2024 Please return to BOL, Permits

To: Bill Marr, Permit Bureau of Air, mail code #11  
Darin LeCrone, Section: Water Pollution Control, mail code #15  
Mike Summers, Public Water Supply, mail code #13

From: Jacqueline Cooperider, Permit Section, DLPC

SUBJECT: Notice of Land Project for Coordinated Permit Review Consideration

Prairie Hill RDF, Morrison (Whiteside County)  
 Site Name Site City

Land Division received a permit application on January 17, 2024 for the project identified below. It is a significant land project as defined by CROPA Rules. Please review the project description and attached documents for significance with respect to your division and respond by March 22, 2024. DLPC has until April 16, 2024 to make our permit decision.

Project: Development and operation permit application of a non-hazardous materials storage and transfer facility at the existing Prairie Hill RDF facility. Site Address: 18465 Lincoln Road, Morrison, IL 61270. Bureau of Air Site No. mentioned in the application: None; Bureau of Water Site No. mentioned in the application: None. Guidance needed on whether accepting offsite leachate from other WM operated facilities for disposal in the leachate evaporator require new BOL permit or BOW permit and/or affect BOA or BOW issued permits.

Comments: \_\_\_\_\_.

If you need more information about this project please contact Joshua Hey (facility contact) at phone no. (224)- 545-2229 E-mail: jhey@wm.com.

If you need further information about this application, please contact Carlos Khairallah (BOL, Permits assigned reviewer) at BOL phone no. 217-557-1435.

BOL response logged in/out date: \_\_\_\_\_, by: \_\_\_\_\_ support staff.

#### RESPONSE MEMORANDUM

DATE: \_\_\_\_\_

TO: \_\_\_\_\_, Permit Section, DLPC

FROM: \_\_\_\_\_, Permit Section

SUBJECT: Determination of CROPA Significance with Respect to APC/PWS/WPC

Division of \_\_\_\_\_ has reviewed the subject application and has determined that:

#### Check ALL below as appropriate:

- (1) Project:  Is significant **OR**  Is not significant
- (2) Project involves:  Emissions to atmosphere  
 Discharge to sewer  Waterway  
 Public water supply
- (3) A permit:  Is needed **OR**  Has been issued **OR**  Is not required
- (4) If a permit is needed:  Application is in house **OR**  Facility has been contacted  Application forms have been sent

Please coordinate future discussions about this project with: \_\_\_\_\_ Phone \_\_\_\_\_

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

.ml) 0

HP-DE-F

900104

*TWH CGA*

STATE PERMIT LOG NO. : 2024-014  
NAME : Prairie Hill RDF  
OWNER : Russ Renner

STATUS : A  
SITE NO. : 1950350014

COUNTY : Whiteside

CITY : Morrison

PERMIT TYPE : DEOP Part 807

REVIEWER :

SR : 90

GA-REQ'D : N

FACILITY TYPE : STPR COMPLETENESS : 03/02/2024

GAU-REV :

RP : 90

MAILED :

RECEIVED : 01/17/2024 DUE: 04/16/2024

REVIEW TIME :

WAIVER :

FINAL ACTION :

NOTIFY IHPA :

PSRP :

PRP :

SITING APP'D: N

NOTIFY DCEO:

NOTIFY DNR:

NOTIFY DELEGATED COUNTY: N

NOTIFY DOT :

PERMIT EXPIRATION:

COMMENTS: Application requesting to accept offsite leachate from other WM operated facilities for disposal in the leachate evaporator

813 COMPLETENESS REVIEW

- A. LOG IN PROCESS 1-17-24 : (5) :
- B. TO GAU REVIEWER \_\_\_\_\_ : (5)
- C. GAU REVIEW \_\_\_\_\_ : (7)
- D. GAU MEMO TO SW \_\_\_\_\_ : (2)
- E. TO SW REVIEWER \_\_\_\_\_ : (5)
- F. SW REVIEW \_\_\_\_\_ : (7)
- G. SW MANAGER REVIEW \_\_\_\_\_ : (2)
- H. JOINT DECISION \_\_\_\_\_ : (2)
- I. COMPLETENESS LTR SENT \_\_\_\_\_ : (7)
- J. GAU & SW \_\_\_\_\_ : (TECH. MTG.)
- K. DRAFT \_\_\_\_\_ :
- L. REVIEW MGR \_\_\_\_\_ :

*- CROPA BDA  
- Need to know which "other WM facilities" siting exemption 3,330 requires either own, control, or operate.*

807/832 COMPLETENESS REVIEW

- 1. OWNER'S SIGNATURE Y N
- 11. OPERATOR'S SIGNATURE Y N
- 111. P.E.'S SIGNATURE Y N NA
- 1V. SITING OBTAINED Y N NA
- V. CORRECT FORMS UTILIZED Y N WHAT FORMS MISSING?
- V1. COMPLETE Y N IF NO SEND LETTER BY 30TH DAY!

2024-014



**Prairie Hill Landfill**  
18762 Lincoln Road  
Morrison, IL 61270

January 12, 2024

Ms. Jacki Cooperider, P.E.  
Manager, Permit Section  
IEPA - Bureau of Land  
1021 North Grand Ave. East  
Springfield, Illinois 62702

**RECEIVED**  
JAN 17 2024  
IEPA-BOL  
PERMIT SECTION

RE: **Prairie Hill RDF**  
**IEPA #1950350014 - Whiteside County, Illinois**  
**Permit 1994-579-LF**  
**Application to Accept Offsite Leachate for Disposal in Leachate Evaporator**

Dear Ms. Cooperider:

Submitted herein is an application for permit to allow the acceptance of offsite leachate for disposal in Prairie Hill Landfill's leachate evaporator. WM would like to utilize its excess capacity in the leachate evaporator as an alternative leachate disposal option for Peoria City-County Landfill No. 2 (PCC #2), a WM operated facility, located at 11501 West Cottonwood Road, Brimfield, IL 61517. PCC operates under landfill Permit No. 1996-089-LF and BOL ID No. 1438165003.

1. This letter;
2. LPC-PA1, General Application for Permit;
3. LPC-PA3, Treatment/Storage Facilities;
4. LPC-PA16, Public Notification Letters;
5. Section 39(i) Certifications;
6. Attachments

The information provided in this letter addresses the requirements in the LPC-PA3 form and is organized in the same order.

**Location Information**

Prairie Hill RDF is located in Sections 13, 14, 23, and 24, Township 21 North and Range 5 East of the Morrison Quadrangle. A copy of the USGS 7.5 minute Morrison Quadrangle showing the location of the facility is provided as Attachment 1.

### Facility Background

Prairie Hill RDF is an existing facility that began operation in 1995 under Permit No. 1994-579-LF. In April of 2023, the facility completed construction and began operation of a 40,000 gallon per day leachate evaporation unit for the disposal of site generated leachate. The facility currently has nine leachate collection cell sump risers as well as various wellfield leachate pumps that convey liquid via perimeter forcemain to a 20,000 gallon underground storage tank near the evaporator. Leachate from the underground tank is then pumped to a 40,000 gallon aboveground storage tank which is used to feed the evaporation unit.

The evaporator is currently managing approximately 20,000 gallons per day and has the capacity to receive and process additional leachate.

### General Facility Information

#### *Plan Sheet of the Site*

The leachate evaporator unit is located on the northwest side of the closed landfill unit (near Phase 4, Cell 2) as shown on the Liquid Management Infrastructure and Evaporator Layout drawings included in Attachment 2.

#### *Process Flow Diagram*

A Process Flow Diagram for offsite leachate acceptance operations is provided as Attachment 3.

#### *Narrative Description of the Site's Offsite Leachate Acceptance Operations*

The evaporator unit is equipped to operate, as necessary, 24 hours per day / 7 days per week. The technology consists of injecting hot gas from landfill gas combustion into a reservoir containing leachate, which generates water vapor. The vapor is discharged directly to the atmosphere through three stacks of equal diameter and a concentrated residual is left behind. Fresh leachate is continuously fed into the reservoir and the residual is directed to a clarifier for further concentration of solids. The residual is removed from the clarifier and deposited in a temporary storage tank. Periodically, the solids are removed from the storage tank and deposited within the landfill for disposal.

As the evaporator is currently operating under its designed capacity, the site would like to utilize some of this excess capacity as an alternative disposal option for leachate from other WM operated facilities. Leachate will be hauled to the site via tanker truck, and the trucks will utilize the existing facility roads to reach the evaporator area. The existing underground storage tank near the evaporator is equipped with a load out pad that was used for emptying the tank prior to installation of the evaporator. This load out will be modified to allow tanker trucks to offload leachate directly into the underground tank, which is then pumped to the

Characterization  
Plan Sheet  
MPCCT?

aboveground tank to feed the evaporator. Locations of the underground tank and load out pad can be seen on the figures provided in Attachment 1.

#### *Waste Characterization and Analysis Plan*

The only waste to be accepted at the site as part of this operation will be leachate generated by PCC #2 . PCC #2 maintains analytical records for its site generated leachate, the composition of which is akin to typical landfill leachate.

#### *Residuals*

Leachate evaporated in the unit produces an approximately 8% - 10% by volume residual sludge. The residual is removed from the clarifier and deposited in a temporary storage tank. Periodically, the solids are removed from the storage tank and deposited within the landfill for disposal.

#### *Contingency Plan*

The operations being proposed in this application should not require an independent contingency plan. The only new operation being proposed is the offloading of leachate tanker trucks into an existing underground storage tank. The site will utilize the existing contingency plan included in the site operations plan approved under Permit No. 1994-579-LF.

#### *Containment System*

The underground storage tank that will be used for offloading of offsite leachate is equipped with a concrete loadout containment pad to prevent spills during leachate unloading. The aboveground storage tank that feeds the evaporator is a dual walled tank installed on a concrete containment pad. The evaporator building itself is fit with concrete containment and floor drains that collect any spills and convey these liquids back into the evaporation unit. No additional containment systems will be necessary.

#### *Run-on/Run-off*

The proposed operation will not have any impact on stormwater run-on/run-off. The site will continue to utilize the existing stormwater control measures.

#### *Inspection Procedures*

The evaporator has existing inspection and maintenance programs as part of routine operations, as well as the landfill's current Spill Prevention Control and Countermeasure Plan. No additional inspections for the proposed operations will be required. The offloading area near the underground storage tank will be monitored for leaks/spills when tankers are depositing leachate.

*Operating Record*

Leachate throughput in the evaporator is tracked by volume on an operating log. For offsite leachate, an additional column dedicated to offsite tanker trucks will be added to the log for tracking. An example of the current operating log for the month of September 2023 is included as Attachment 4.

A manifest generated by PCC #2 will accompany each tanker load brought to the site for disposal. This will include a date, manifest number, the generator's name (PCC #2), and the total gallons being received.

*Closure/Post-Closure Plan*

The operations being proposed in this application should not require an independent Closure/Post-Closure Plan. The site will utilize the existing plan approved under Permit No. 1994-579-LF.

*Site Suitability*

The operations proposed in this application are taking place at an existing landfill facility already determined to be suitable under Permit No. 1994-579-LF. The addition of these operations will not create any additional hazards to public health and safety.

Attached please find an original and two copies of this application.

Should you have any questions, please do not hesitate to contact me at 224-545-2229

Sincerely,  
Waste Management of Illinois, Inc.



Joshua Hey, P.E.  
Engineer





# Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

## General Application for Permit (LPC - PA1)

This form must be used for any application for permit from the Bureau of Land, except for landscape waste composting or hazardous waste management facilities regulated in accordance with RCRA, Subtitle C. One original, and two copies, or three if applicable, of all permit application forms must be submitted. Attach the original and appropriate number of copies of any necessary plans, specifications, reports, etc. to fully support and describe the activities and modifications being proposed. Attach sufficient information to demonstrate the compliance with all regulatory requirements. Incomplete applications will be rejected. Please refer to the instructions for further guidance. **Note: Applicants must provide a physical address; the post office will not deliver a certified letter (final action letter) to a P.O. Box only. Please provide an extended ZIP+4 code for the site identification and owner/operator information.**

You may complete this form online, save a copy locally, print, sign and submit it to the Bureau of Land at the address below. Note: Hand-delivered permit applications must be delivered between 8:30 am and 5:00 pm, Monday through Friday (excluding State holidays) to:

Bureau of Land, Permit Section, Mail Code #33  
1021 North Grand Avenue East, P.O. Box 19276  
Springfield, IL 62794-9276

Instructions

### I. Site Identification

Site Name: Prairie Hill RDF IEPA BOL No.: 1950350014  
 Street Address: 18762 Lincoln Road P.O. Box: \_\_\_\_\_  
 City: Morrison State: IL Zip + 4: 61270-9587 \*Notification letters will not be sent without a 9-digit zip code. County: Whiteside  
 Existing DE/OP Permit Numbers (if applicable): 1994-579-LF

### II. Applicant Identification

**Owner**  
 Name: County of Whiteside  
 Street Address: 200 E. Knox Street  
 PO Box: \_\_\_\_\_  
 City: Morrison State: IL  
 Zip + 4: 61270-9587 Phone: 815 772-7651  
 Contact: Russ Renner  
 Email Address: rrenner@whiteside.org  
 FEIN ID No. \_\_\_\_\_

**Operator (if Different)**  
 Name: Waste Management of Illinois, Inc.  
 Street Address: 18762 Lincoln Road  
 PO Box: \_\_\_\_\_  
 City: Morrison State: IL  
 Zip + 4: 61270-9587 Phone: 224-525-2229  
 Contact: Joshua Hey  
 Email Address: jhey@wm.com  
 FEIN ID No. \_\_\_\_\_

Agency correspondence mailed to:

Owner  Operator  Other - Explain: \_\_\_\_\_

**TYPE OF SUBMISSION/REVIEW PERIOD:**

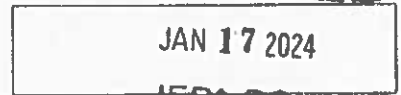
- New Landfill/180 days (35 IAC Part 813)
- Landfill Expansion/180 days (35 IAC Part 813)
- Sig. Mod. to Operate/90 days (35 IAC Part 813)
- Other Sig. Mod./90 days (35 IAC Part 813)
- Renewal of Landfill/90 days (35 IAC Part 813)
- Development/90 days (35 IAC Part 807)
- Operating/45 days (35 IAC Part 807)
- Operating/90 days (35 IAC Part 848)
- Supplemental/90 days (35 IAC Part 807)
- Permit Transfer/90 days (35 IAC Part 807)
- Renewal of Experimental Permit (35 IAC Part 807)

**TYPE OF FACILITY:**

- Landfill
- Land Treatment
- Transfer Station
- Treatment Facility
- Storage
- Incinerator
- Composting
- Recycling/Reclamation
- Used Tire Storage/Processing Facility
- Other (Specify) \_\_\_\_\_

**TYPE OF WASTE:**

- General Municipal Refuse
- Hazardous
- Special (Non-Hazardous)
- Chemical Only (exec. putrescible)
- Inert Only (exec. chem. & putrescible)
- Used Oil
- Potentially Infectious Medical Waste
- Landscape/Yard Waste
- Used Tires
- Other (Specify) \_\_\_\_\_



This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4-5/39). Failure to disclose this information may result in a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day thereafter which the violation continues (415 ILCS 5/42).

**III. Description of this Permit Request:** (Note: The box below will expand as needed)

Application requesting accept offsite leachate from other WM operated facilities for disposal in the leachate evaporator

**IV. Completeness Requirements**

1. Have all required public notice letters been mailed in accordance with the LPC-PA16 instructions? Yes  No  N/A   
 (If so, provide a list of those recipients of the required public notice letters for Illinois EPA retention. Such retention shall not imply any Illinois EPA review and/or confirmation of the list.)

**Public Notice Recipients**

Name: <u>Hon. Tony McCombie</u>	Title: <u>Representative District 71</u>
Street Address: <u>2510 Locust Street</u>	P.O. Box: _____
City: <u>Sterling</u> State: <u>IL</u>	Zip Code: <u>61081</u>
Name: <u>Hon. Neil Anderson</u>	Title: <u>Senate District 36</u>
Street Address: <u>1523 47th Avenue, Suite 2</u>	P.O. Box: _____
City: <u>Moline</u> State: <u>IL</u>	Zip Code: <u>61265</u>
Name: <u>Illinois State's Attorney</u>	Title: <u>State's Attorney</u>
Street Address: <u>200 E. Knox Street</u>	P.O. Box: _____
City: <u>Morrison</u> State: <u>IL</u>	Zip Code: <u>61270</u>
Name: <u>James Duffy</u>	Title: <u>County Board Chairman</u>
Street Address: <u>200 E. Knox Street</u>	P.O. Box: _____
City: <u>Morrison</u> State: <u>IL</u>	Zip Code: <u>61270</u>
Name: <u>Morrison City Clerk</u>	Title: <u>City Clerk</u>
Street Address: <u>200 W. Main Street</u>	P.O. Box: _____
City: <u>Morrison</u> State: <u>IL</u>	Zip Code: <u>61270</u>
Name: <u>Whiteside County Clerk</u>	Title: <u>County Clerk</u>
Street Address: <u>200 E. Knox Street</u>	P.O. Box: _____
City: <u>Morrison</u> State: <u>IL</u>	Zip Code: <u>61270</u>
Name: <u>Mt. Pleasant Township Clerk</u>	Title: <u>Township Clerk</u>
Street Address: <u>210 W. Morris Street</u>	P.O. Box: _____
City: <u>Morrison</u> State: <u>IL</u>	Zip Code: <u>61270</u>
Name: <u>Hopkins Township Clerk</u>	Title: <u>Township Clerk</u>
Street Address: <u>24719 Emerson Road</u>	P.O. Box: _____
City: <u>Sterling</u> State: <u>IL</u>	Zip Code: <u>61081</u>
Name: <u>Lyndon Township</u>	Title: <u>Township Clerk</u>
Street Address: <u>302 2nd Avenue St.</u>	P.O. Box: _____
City: <u>Lyndon</u> State: <u>IL</u>	Zip Code: <u>61261</u>

RECEIVED

JAN 17 2024

IEPA-BOL PERMIT SECTION

- |  | Yes                              | No                               | N/A                              |
|--|----------------------------------|----------------------------------|----------------------------------|
| 2. a. Is the Siting Certification Form (LPC-PA8) completed and enclosed?                               | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> |
| b. Is siting approval currently under litigation?  | <input type="radio"/>            | <input type="radio"/>            | <input checked="" type="radio"/> |
| 3. a. Is a closure, and if necessary a post-closure plan covering these activities being submitted, or | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/>            |
| b. has one already been approved?  | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/>            |

If yes, provide the permit number: 1994-579

- 4. a. For operating waste disposal sites, only: Has any employee, owner, operator, officer or director of the owner or operator had a prior conduct certification denied, canceled or revoked?
- b. Have you included a demonstration of how you comply or intend to comply with 35 Ill. Adm. Code 745?
- 5. a. For waste disposal sites, only: Is the property for the facility held in a beneficial trust?
- b. If yes, is a beneficial trust certification form (LPC-PA9) completed and enclosed?
- 6. a. Does the application contain information or proposals regarding the hydrogeology, groundwater monitoring, modeling or classification; a groundwater impact assessment; or vadosezone monitoring for which you are requesting approval?
- b. If yes, have you submitted a third copy of the application (4 total) and supporting documents?
- 7. Has the required 39(i) certification been attached? A 39(i) certification must be submitted with information concerning the following persons or entities:
  - a. the owner of the business entity applying for the permit;
  - b. the operator of the business entity applying for the permit;
  - c. each employee or officer of the owner or operator who signed the permit application or has managerial authority at the site; and
  - d. any additional owner, operator, or officer or employee of the owner or operator from whom a certification is requested by the Illinois EPA, including any officer or employee who will be responsible for overseeing or implementing regulated activities governed by the permit.

If no, then complete this certification as indicated.

**RECEIVED**  
 JAN 17 2024  
 IEPA-BOL  
 PERMIT SECTION

**V. Signatures:**

Original signatures are required. Signature stamps or applications transmitted electronically or by FAX are not acceptable.

All applications shall be signed by the person designated below as a duly authorized representative of the owner and/or operator. A printed name for each signature should also be provided.



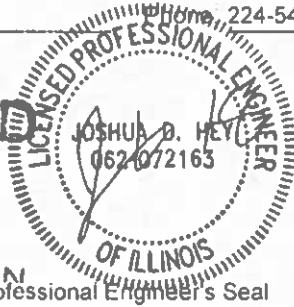
- Corporation - By a principal executive officer of the level of vice-president or above
- Partnership or Sole Proprietorship - By a general partner or the proprietor, respectively
- Government - By either a principal executive officer or a ranking elected official.

A person is a duly authorized representative of the owner and operator only if:

- They meet the criteria above or the authorization has been granted in writing by a person described above, and
- Is submitted with this application (a copy of a previously submitted authorization can be used)

I hereby affirm that all information contained in this application is true and accurate to the best of my knowledge and belief. I do herein swear that I am a duly authorized representative of the owner/operator and I am authorized to sign this permit application form.

**Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))**

<p><u>Martin Koster</u> Owner Signature</p> <p><u>Martin Koster</u> Printed Name</p>	<p><u>10/6/2023</u> Date</p> <p>County Board Chairman Title</p>
<p>Notary: Subscribed and Sworn before me this <u>10</u> day of <u>Oct</u> 20<u>23</u>.</p> <p>My commission expires on: <u>April 11, 2027</u></p>	
 <u>Dawn Housenga</u> Signature & Stamp/Seal of Notary Public	
<p><u>Joshua Hey</u> Operator Signature</p> <p><u>Joshua Hey</u> Printed Name</p>	<p><u>11/2/2023</u> Date</p> <p>Engineer Title</p>
<p>Notary: Subscribed and Sworn before me this <u>2</u> day of <u>November</u> 20<u>23</u>.</p> <p>My commission expires on: <u>April 29, 2025</u></p>	
 <u>Keisha Reinders</u> Signature & Stamp/Seal of Notary Public	
<p>Engineer's Name: <u>Joshua Hey, P.E.</u>      Engineer's Title: <u>Engineer</u></p> <p>Company: <u>WM</u>      Registration Number: <u>062-072163</u></p> <p>Street Address: <u>18370 Somonauk Road</u>      PO Box: _____</p> <p>City: <u>Dekalb</u>      State: <u>IL</u>      Zip Code: <u>60115</u>      Phone: <u>224-545-2229</u></p> <p>Email Address: <u>jhey@wm.com</u></p> <p>License Expiration Date: <del>Nov 30, 2025</del> <u>11/30/2025</u></p>	
<p>Signature: <u>Joshua Hey</u></p> <p>Date: <u>11/2/2023</u></p>	<p style="text-align: center;"><b>RECEIVED</b></p> <p style="text-align: center;">JAN 17 2024</p> <p style="text-align: center;">IEPA-BOL PERMIT SECTION</p> <p style="text-align: center;">Professional Engineer's Seal</p>  <p style="text-align: right;"><u>11/2/2023</u></p>



# Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

## Application for a Solid Waste Management Permit to Develop Treatment and/or Storage Facilities (LPC-PA3)

Persons requesting a permit to develop a new solid waste treatment, storage, incineration, recycling, or land treatment site or requesting a permit for the first time for such a facility should use this application form. Facilities that are expanding, or adding new units (i.e., new storage area, new treatment units, etc.) should utilize this application as guidance, but the completed form is not required. Note: Hand-delivered Permit applications must be delivered between 8:30 am and 5:00 pm, Monday through Friday (excluding State holidays) to:

Bureau of Land, Permit Section, Mail Code #33  
1021 North Grand Avenue East, P.O. Box 19276  
Springfield, IL 62794-9276

You may also complete this form in Acrobat, save a copy, print, sign, and submit it to the Bureau of Land, Permit Section at the above address.

### I. Site Identification

Site Name: Prairie Hill RDF IEPA BOL No.: 1950350014  
Street Address: 18762 Lincoln Road P.O. Box: \_\_\_\_\_ County: Whiteside  
City: Morrison State: IL Zip + 4: 61270-9587 Notification letters will not be sent without a 9-digit zip code.

### II. Applicant Identification

1. **Owner**  
Name: County of Whiteside  
Street Address: 200 E. Knox Street  
PO Box: \_\_\_\_\_  
City: Morrison State: IL  
Zip + 4: 61270-9587 Phone: 815-772-7651  
Contact: Russ Renner  
Email Address: rrenner@whiteside.org  
FEIN ID No. \_\_\_\_\_

**Operator (If different)**  
Name: Waste Management of Illinois, Inc.  
Street Address: 18762 Lincoln Road  
PO Box: \_\_\_\_\_  
City: Morrison State: IL  
Zip + 4: 61270-9587 Phone: 224-545-2229  
Contact: Joshua Hey  
Email Address: jhey@wm.com  
FEIN ID No. \_\_\_\_\_

### 2. Ownership and Operator Status:

Owner	Operator	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corporation (ILL)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Government Body
<input type="checkbox"/>	<input type="checkbox"/>	Individual
<input type="checkbox"/>	<input type="checkbox"/>	Partnership
<input type="checkbox"/>	<input type="checkbox"/>	Sole Proprietor
<input type="checkbox"/>	<input type="checkbox"/>	Trust
<input type="checkbox"/>	<input type="checkbox"/>	Other: _____

### Land is Owned by:

Owner  
 Operator  
 Leased by Applicant  
Leased by Applicant for \_\_\_\_\_ years  
Years of Lease Remaining: \_\_\_\_\_  
Beginning Date of Lease: \_\_\_\_\_  
Expiration Date of Lease: \_\_\_\_\_  
 Held in Trust\*  
Name of Trust: \_\_\_\_\_

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\*(Note: Lands that are held in trust and owners and operators of disposal sites must complete form LPC-PA9.)

### III. Location Information

Attach a copy of the United States Geological Survey (USGS) quadrangle map (7.5 minute quadrangle, if published) and/or a topographic map of the area which contains the site. Also provide a legal description of the site.

Name of Quadrangle Map provided: Morrison Quadrangle Date: 2021  
423 Acres in \_\_\_\_\_ Quarter, \_\_\_\_\_ Quarter, \_\_\_\_\_ Quarter, of Section 13,14,23,24  
Township 21N, Range 5 East P.M. Local Description: Lot \_\_\_\_\_ Block \_\_\_\_\_

Present Zoning Classification and Restrictions (if any): \_\_\_\_\_

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42).

**IV. Facility Background**

- This is an existing facility. Operation began: 7/10/1995
- This is a proposed development.
- This is a proposed expansion to an existing facility. IEPA BOL No.: 1994-579-LF
- Other existing environmental facility permits: \_\_\_\_\_

Consult instructions for the contents of Sections V-VIII.

**V. General Facility Information**

The following information must accompany the application. Please indicate the location in the application for the document being submitted for this application.

Page number or location of information	
Attachment 2	1. A plan sheet of the site
Attachment 3	2. A process flow diagram of the treatment or storage operation
Page 2 Letter	3. A narrative description of the site's operation, including the days and hours of operation
Page 3 Letter	4. Waste characterization plan (Identify wastes to be accepted and how they are to be managed.)
Page 3 Letter	5. Waste analysis plan (a description of analysis methods used to screen and test waste types)
Page 3 Letter	6. Residuals (a description of methods used to treat, transfer or dispose of residual wastes generated from the operation of the site)
Page 3 Letter	7. Contingency plan
Page 3 Letter	8. Containment system
Page 3 Letter	9. Run-on/Run-off
Page 3 Letter	10. A description of inspection procedures
Page 4 Letter	11. Operating record
Page 4 Letter	12. Closure plan
Page 4 Letter	13. Post closure use of site
Page 4 Letter	14. Site suitability

**VI. Treatment and/or Storage**

1. This application is for treatment  and/or storage  in the following: (check the appropriate box(es)):

- Tanks
- Surface Impoundments
- Drums
- Waste Piles
- Barrels
- Landfills
- Roll-off Boxes
- Other: Leachate Evaporator

2. General Information: For each box checked above, provide the following information, where applicable.

- A. Location drawings
- B. Material of construction
- C. Number of units
- D. Duration of storage
- E. Age of units
- F. Type of waste(s) contained in each area
- G. Tank Design
- H. Container design
- I. Surface Impoundment and waste pile design
- J. Treatment processes

**VII. Incineration/Thermal Treatment**

Is an incinerator or thermal treatment unit included in this application? (Refer to the instructions).  Yes  No

**VIII. Hydrogeology**

Is a site hydrogeology plan required for this application?  Yes  No (Refer to the instructions).

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# Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

## 39(i) Certification for Operating a Waste Management Facility

Pursuant to 415 ILCS 5/39(i), prior to issuing any RCRA permit, or any permit for a waste storage site, sanitary landfill, waste disposal site, waste transfer station, waste treatment facility, waste incinerator, clean construction or demolition debris fill operation, or used tire storage site, the Illinois EPA must conduct an evaluation of the prospective owner's or operator's prior experience in waste management operations, clean construction or demolition debris fill operations, and tire storage site management. As part of that evaluation please complete and submit this form with your permit application.

This form may be completed online and saved locally before printing, signing and submitting it to the Illinois EPA at the address below. If the form is completed manually, please type or print clearly.

Illinois Environmental Protection Agency  
Division of Land Pollution Control - #33  
39(i) Certification  
1021 North Grand Avenue East  
P.O. Box 19276  
Springfield, IL 62794-9276

### I. Applicant Information

Site Name Prairie Hill RDF IEPA BOL No.: 1950350014  
 Site Address 18762 Lincoln Road  
 City: Morrison State: IL Zip Code: 61270-9587  
 Permit Numbers (if applicable): 1994-579-LF

#### Owner

Owner Name: County of Whiteside  
 Street Address: 18819 Lincoln Road  
 City: Morrison State: IL Zip: 61270

#### Operator

Operator Name: Waste Management of Illinois, Inc.  
 Street Address: 18762 Lincoln Road  
 City: Morrison State: IL Zip: 61270

Is this 39(i) certification for the owner or the operator?

Owner  Operator  Owner and operator are the same entity

### II. Officers and Employees with Site Responsibility

Unless the owner and operator are the same entity, a separate 39(i) form must be submitted for both the owner and operator. Persons operating under the authority of the owner should be listed on the owner's 39(i) form and persons operating under authority of the operator should be listed on the operator's 39(i) form.

A. Officers: List the name and title of all officers of the owner or operator that will have personal involvement or active participation in the operation or management of the site or facility for which the application is submitted.

Name	Title

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 PERMIT SECTION 5  
 Page 1 of 3

B. Employees: List the name and title of each employee of the owner or operator that will have personal involvement or active participation in the overall operation or management of the site or facility for which the application is submitted (e.g. site managers, site engineers, and other persons who direct or control the overall day-to-day management of the operation, but not persons whose duties are exclusively limited to equipment operation, labor, or similar non-managerial functions).

Name	Title
Josh Hey (as agent of WM, not as individual)	Engineer III

III. Owner, Operator, Officer, and Employee Information

A. Prior Conduct Identification

The applicant must answer each of the following questions for every owner or operator, and for any officer or employee identified under Section II. If the answer to any of the following questions is affirmative, the applicant must complete an Attachment A for each person for whom the answer is affirmative and include a copy of each final administrative or judicial determination that required an affirmative response. If the information for each owner, operator, officer, and employee has not changed since the applicant's last submission of a 39(i) certification, the applicant can skip to Section III(C), below.

- 1) Has there been a finding that any person named in Section II violated federal, State, or local laws, regulations, standards, or ordinances in the operation of one or more waste management facilities or sites, clean construction or demolition debris fill operation facilities or sites, or tire storage sites?  Yes  
 No
- 2) Has any person named in Section II ever been convicted in this or another State of any crime which is a felony under the laws of this State, or convicted of a felony in a federal court, or convicted in this or another state or federal court of any of the following crimes: forgery, official misconduct, bribery, perjury, or knowingly submitting false information under any environmental law, regulation, or permit term or condition?  Yes  
 No
- 3) Has there been a finding against any person named in Section II of gross carelessness or incompetence in handling, storing, processing, transporting or disposing of waste, clean construction or demolition debris, or used or waste tires, or a finding of gross carelessness or incompetence in using clean construction or demolition debris as fill?  Yes  
 No

B. Pending Proceedings

The applicant must answer each of the following questions for every owner or operator, and for any officer or employee identified in Section II. If the answer to any of the following questions is affirmative, the applicant must complete an Attachment A for each person for whom the answer is affirmative and provide information identified in Attachment A regarding the pending proceeding.

- 1. Is there any proceeding currently pending against any person named in Section II that could result in a conviction or finding described in subsection A, above?  Yes  
 No
- 2. Is there any proceeding currently pending against any person named in Section II that could result in the reversal of a conviction or finding described in subsection A, above?  Yes  
 No

C. Prior Application Information

If (i) the applicant has previously submitted the Attachments required pursuant to subsections A and B above and (ii) the Attachments previously submitted are still complete, true, and correct, then the applicant does not need to include Attachments with this submission if the following box is checked:

By checking this box, I affirm that the Attachments previously submitted are still complete, true, and correct and wish to incorporate them into this Certification.

If the above box is checked, identify the application that contains the previously submitted Attachments that are complete, true, and correct.

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# Illinois Environmental Protection Agency

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## 39(i) Certification for Operating a Waste Management Facility

Pursuant to 415 ILCS 5/39(i), prior to issuing any RCRA permit, or any permit for a waste storage site, sanitary landfill, waste disposal site, waste transfer station, waste treatment facility, waste incinerator, clean construction or demolition debris fill operation, or used tire storage site, the Illinois EPA must conduct an evaluation of the prospective owner's or operator's prior experience in waste management operations, clean construction or demolition debris fill operations, and tire storage site management. As part of that evaluation please complete and submit this form with your permit application.

This form may be completed online and saved locally before printing signing and submitting it to the Illinois EPA at the address below. If the form is completed manually, please type or print clearly.

Illinois Environmental Protection Agency  
Division of Land Pollution Control - #33  
39(i) Certification  
1021 North Grand Avenue East  
P.O. Box 19276  
Springfield, IL 62794-9276

### I. Applicant Information

Site Name Prairie Hill RDF IEPA BOL No.: 1950350014  
 Site Address 18762 Lincoln Road  
 City: Morrison State: IL Zip Code: 61270-9587  
 Permit Numbers (if applicable): 1994-579-LF

#### Owner

Owner Name: County of Whiteside  
 Street Address: 18819 Lincoln Road  
 City: Morrison State: IL Zip: 61270

#### Operator

Operator Name: Waste Management of Illinois, Inc.  
 Street Address: 18762 Lincoln Road  
 City: Morrison State: IL Zip: 61270

Is this 39(i) certification for the owner or the operator?

Owner  Operator  Owner and operator are the same entity

### II. Officers and Employees with Site Responsibility

Unless the owner and operator are the same entity, a separate 39(i) form must be submitted for both the owner and operator. Persons operating under the authority of the owner should be listed on the owner's 39(i) form and persons operating under authority of the operator should be listed on the operator's 39(i) form

A. Officers: List the name and title of all officers of the owner or operator that will have personal involvement or active participation in the operation or management of the site or facility for which the application is submitted.

Name	Title

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B. Employees List the name and title of each employee of the owner or operator that will have personal involvement or active participation in the overall operation or management of the site or facility for which the application is submitted (e.g. site managers, site engineers, and other persons who direct or control the overall day-to-day management of the operation, but not persons whose duties are exclusively limited to equipment operation, labor, or similar non-managerial functions).

Name	Title
Russell Renner, P.E.	County Engineer
Martin Koster	County Board Chairman

III. Owner, Operator, Officer, and Employee Information

A. Prior Conduct Identification

The applicant must answer each of the following questions for every owner or operator, and for any officer or employee identified under Section II. If the answer to any of the following questions is affirmative, the applicant must complete an Attachment A for each person for whom the answer is affirmative and include a copy of each final administrative or judicial determination that required an affirmative response. If the information for each owner, operator, officer, and employee has not changed since the applicant's last submission of a 39(i) certification, the applicant can skip to Section III(C) below.

- 1) Has there been a finding that any person named in Section II violated federal, State, or local laws, regulations, standards, or ordinances in the operation of one or more waste management facilities or sites, clean construction or demolition debris fill operation facilities or sites, or tire storage sites?  Yes  
 No
- 2) Has any person named in Section II ever been convicted in this or another State of any crime which is a felony under the laws of this State, or convicted of a felony in a federal court; or convicted in this or another state or federal court of any of the following crimes: forgery, official misconduct, bribery, perjury, or knowingly submitting false information under any environmental law, regulation, or permit term or condition?  Yes  
 No
- 3) Has there been a finding against any person named in Section II of gross carelessness or incompetence in handling, storing, processing, transporting or disposing of waste, clean construction or demolition debris, or used or waste tires, or a finding of gross carelessness or incompetence in using clean construction or demolition debris as fill?  Yes  
 No

B. Pending Proceedings

The applicant must answer each of the following questions for every owner or operator, and for any officer or employee identified in Section II. If the answer to any of the following questions is affirmative, the applicant must complete an Attachment A for each person for whom the answer is affirmative and provide information identified in Attachment A regarding the pending proceeding.

- 1. Is there any proceeding currently pending against any person named in Section II that could result in a conviction or finding described in subsection A, above?  Yes  
 No
- 2. Is there any proceeding currently pending against any person named in Section II that could result in the reversal of a conviction or finding described in subsection A, above?  Yes  
 No

C. Prior Application Information

If (i) the applicant has previously submitted the Attachments required pursuant to subsections A and B above and (ii) the Attachments previously submitted are still complete, true, and correct, then the applicant does not need to include Attachments with this submission if the following box is checked:

By checking this box, I affirm that the Attachments previously submitted are still complete, true, and correct and wish to incorporate them into this Certification.

If the above box is checked, identify the application that contains the previously submitted Attachments that are complete, true, and correct

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**Authorization for Release of Information**

This Certification must be signed by an officer of the applicant.

The undersigned authorizes any representative of the Illinois Environmental Protection Agency bearing this release to obtain any information from the Illinois State Police pertaining to the criminal records of the applicant and hereby directs the Illinois State Police to release such information upon request of the bearer. The undersigned authorizes a review of and full disclosure of all records, or any part thereof, concerning the applicant's criminal records by and to a duly authorized agent of the Illinois Environmental Protection Agency, whether the records are of public, private, or confidential nature. The intent of this authorization is to give consent for full and complete disclosure of the applicant's criminal records.

The undersigned fully understands that any information which is developed directly or indirectly, in whole or in part, as a result of this authorization will be considered in determining whether a permit shall be issued by the Illinois Environmental Protection Agency under the Environmental Protection Act [415 ILCS 5]. The undersigned further agrees to release the Illinois State Police and the Illinois Environmental Protection Agency, its agents and designees under this release, from any and all liability which may be incurred as a result of compliance with this authorization for release of information.

**Certification Statements**

I certify under penalty of law that the information submitted, including information on any Attachments submitted as part of or incorporated into this Certification, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

**Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))**

*Martin Koster*

Signature of Applicant Officer

10/6/2023

Date

Martin Koster

Printed Name

County Board Chairman

Title

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# Illinois Environmental Protection Agency

Bureau of Land • 1021 N. Grand Avenue E. • Box 19276 • Springfield • Illinois • 62794-9276

## Notice of Application for Permit to Manage Waste (LPC-PA16)

Date: January 12, 2024

**To Elected Officials and Concerned Citizens:**

The purpose of this notice is to inform you that a permit application has been submitted to the Illinois EPA, Bureau of Land, for a solid waste project described below. You are not obligated to respond to this notice, however, if you have any comments, please submit them in writing to the Bureau of Land, Attn: Permit Section, at the above address, or contact the Permit Section at 217/524-3300 within 21 days.

**NOTE: Please complete this form online, save a copy locally, print and submit it to the Permit Section #33, at the above.**

The permit application, which is identified below, is for a project described at the bottom of this page.

**Site Identification:**

Site Name: Prairie Hill RDF IEPA ID Number: 1950350014  
 Street Address: 18762 Lincoln Road P.O. Box: \_\_\_\_\_  
 City: Morrison State: IL Zip Code: 61270 County: Whiteside

**TYPE OF PERMIT SUBMISSIONS:**

**TYPE OF FACILITY:**

**TYPE OF WASTE:**

- New Landfill
- Landfill Expansion
- First Significant Modification
- Significant Modification to Operate
- Other Significant Modification
- Renewal of Landfill
- Development
- Operating
- Supplemental
- Transfer
- Name Change
- Generic

- Landfill
- Land Treatment
- Transfer Station
- Treatment Facility
- Storage
- Incinerator
- Composting
- Recycling/Reclamation
- Other (Specify) \_\_\_\_\_

- General Municipal Refuse
- Hazardous
- Special (Non-Hazardous)
- Chemical Only (exec. putrescible)
- Inert Only (exec. chem. & putrescible)
- Used Oil
- Solvents
- Landscape/Yard Waste
- Other (Specify) \_\_\_\_\_

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JAN 17 2024

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PERMIT SECTION

**Description of Project:**

Application proposing to accept off site leachate from other WM operated facilities for processing in an evaporator

R 000123 K



# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

217/524-3301

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

9589 0710 5270 0477 0566 37

MAR 04 2024

**OWNER**

The County of Whiteside  
Attn: Mr. Russell Renner  
200 East Knox Street  
Morrison, Illinois 61270

**OPERATOR**

Waste Management of Illinois, Inc.  
Attn: Mr. Joshua Hey  
18762 Lincoln Road  
Morrison, Illinois 61270-9587

Re: 1950350014 -- Whiteside County  
Prairie Hill RDF (Prairie Hill Leachate STPR)  
Log No. 2024-014  
Permit 807 File  
Permit DOI

Dear Mr. Renner and Mr. Hey:

Pursuant to 35 Ill. Adm. Code 807.205(f), the Illinois Environmental Protection Agency has reviewed, for purposes of completeness only, the application referenced above, dated January 12, 2024 and received January 17, 2024. This review has revealed that the application does not contain the information described below and therefore is incomplete. This determination of incompleteness is based on the omission of the following item(s):

1. Pursuant to 35 Ill. Adm Code 807.205(a) all applications for permit required under these regulations must contain all data and information specified in those rules governing the type of unit or site for which the permit is required. Pursuant to 35 Ill. Adm Code 807.205(d) all permit applications must be signed by the owner and operator of the waste management site or their duly authorized agents, must be accompanied by evidence of authority to sign the application and must be certified as to all engineering features by a professional engineer. As noted on Page 4 of General Application for Permit (LPC-PA1) form all permit applications submitted on behalf of corporations must be signed by a principal executive officer of at least the level of vice president. Joshua Hey, Engineer has signed on behalf of the operator, Waste Management of Illinois, Inc. Documentation authorizing Joshua Hey to sign on behalf of the operator is not provided.

Additional Note: From the technical review, the Owner Address listed on the 39(i) Certification form(s) for the owner and operator of the facility and on the General Application for Permit (LPC-PA1) and Application for a Solid Waste Management Permit to Develop Treatment and/or Storage Facilities (LPC-PA3) provided in the application are different. Updated page(s) and/or form(s) with the correct applicant information must be submitted.

REPRODUCTION OF RECORDS MANAGEMENT  
RELEASEABLE

APR 12 2024

REVIEWER: SAB

2125 S. First Street, Champaign, IL 61820 (217) 278-5800  
1101 Eastport Plaza Dr., Suite 100, Collinsville, IL 62234 (618) 346-5120  
9511 Harrison Street, Des Plaines, IL 60016 (847) 294-4000  
595 S. State Street, Elgin, IL 60123 (847) 608-3131

2309 W. Main Street, Suite 116, Marion, IL 62959 (618) 993-7200  
412 SW Washington Street, Suite D, Peoria, IL 61602 (309) 671-3022  
4302 N. Main Street, Rockford, IL 61103 (815) 987-7760

Page 2

In the 35 days following the date of this letter, you may take either of the actions described below:

1. You may submit to the Illinois EPA additional information addressing the deficiencies identified.
2. The applicant may appeal this final decision to the Illinois Pollution Control Board pursuant to Section 40 of the Act by filing a petition for a hearing within 35 days after the date of issuance of the final decision<sup>1</sup>. However, the 35-day period may be extended for a period of time not to exceed 90 days by written notice from the applicant and the Illinois EPA within the initial 35-day appeal period<sup>2</sup>. If the owner or operator wishes to receive a 90-day extension, a written request that includes a statement of the date the final decision was received, along with a copy of this decision, must be sent to the Illinois EPA as soon as possible.

If you submit additional information addressing the deficiencies identified within 35 days of the date of this letter, the Illinois EPA shall review it for completeness in conjunction with the information contained in the application deemed incomplete. If additional information is submitted, this new application will be considered to have been filed on the day that the additional information was received by the Illinois EPA. Please be aware that any additional information should:

1. be in a format which allows incorporation of the new information into the appropriate sections of the current application;
2. include a cross-reference indicating where in the new information each deficiency, identified above, has been addressed;
3. have the date of the revision on each page and on each drawing;
4. include an original and at least three copies; and
5. be submitted to the address below.

---

<sup>1</sup> For information regarding the filing of an appeal, please contact:  
Illinois Pollution Control Board, Clerk  
State of Illinois Center  
100 West Randolph, Suite 11-500  
Chicago, IL 60601  
312/814-3620

<sup>2</sup> For information regarding the request for an extension, please contact:  
Illinois Environmental Protection Agency  
Division of Legal Counsel  
1021 North Grand Avenue East  
Post Office Box 19276  
Springfield, IL 62794-9276  
217/782-5544

Page 3

Illinois Environmental Protection Agency  
Bureau of Land -- #33  
Permit Section  
1021 North Grand Avenue East  
Post Office Box 19276  
Springfield, Illinois 62794-9276

If you do not submit additional information addressing the deficiencies within 35 days, the Illinois EPA shall consider the application not to have been filed. In this case, to reapply you will need to submit a new permit application in its entirety.

If you have any questions regarding this letter, please contact Carlos Khairallah at 217/557-1435.

Sincerely,



Jacqueline M. Cooperider, P.E.  
Permit Section Manager  
Bureau of Land

JMC:TWH:CGK\1950350014-STPR-2024014DEOP-2024014-DOI

JUH *on*

cc: Joshua D. Hey, P.E., Waste Management of Illinois, Inc.



BOL Log# 024-006, today is: 2-23-24, logged in/out by: lm support staff.

**CROPA form (Coordinated Review of Permit Application)**

**REQUEST MEMORANDUM**

Date: February 23, 2024 Please return to BOL, Permits

To: Bill Marr, Permit Bureau of Air, mail code #11  
Darin LeCrone, Section: Water Pollution Control, mail code #15  
Mike Summers, Public Water Supply, mail code #13

From: Jacqueline Cooperider, Permit Section, DLPC

SUBJECT: Notice of Land Project for Coordinated Permit Review Consideration

Prairie Hill RDF, Site Name Morrison (Whiteside County) Site City

Land Division received a permit application on January 17, 2024 for the project identified below. It is a significant land project as defined by CROPA Rules. Please review the project description and attached documents for significance with respect to your division and respond by March 22, 2024. DLPC has until April 16, 2024 to make our permit decision.

Project: Development and operation permit application of a non-hazardous materials storage and transfer facility at the existing Prairie Hill RDF facility. Site Address: 18465 Lincoln Road, Morrison, IL 61270. Bureau of Air Site No. mentioned in the application: None; Bureau of Water Site No. mentioned in the application: None. Guidance needed on whether accepting offsite leachate from other WM operated facilities for disposal in the leachate evaporator require new BOL permit or BOW permit and/or affect BOA or BOW issued permits.

Comments: \_\_\_\_\_.

If you need more information about this project please contact Joshua Hey (facility contact) at phone no. (224)- 545-2229 E-mail: jhey@wm.com.

If you need further information about this application, please contact Carlos Khairallah (BOL, Permits assigned reviewer) at BOL phone no. 217-557-1435.

BOL response logged in/out date: \_\_\_\_\_, by: \_\_\_\_\_ support staff.

**RESPONSE MEMORANDUM**

DATE: 3/7/24

TO: Carlos Khairallah, Permit Section, DLPC

FROM: D. Rampet, Permit Section dlpc

SUBJECT: Determination of CROPA Significance with Respect to APC/PWS/WPC

Division of \_\_\_\_\_ has reviewed the subject application and has determined that:

**Check ALL below as appropriate:**

- (1) Project:  Is significant **OR**  Is not significant
- (2) Project involves:  Emissions to atmosphere  Discharge to sewer  Waterway  Public water supply
- (3) A permit:  Is needed **OR**  Has been issued **OR**  Is not required
- (4) If a permit is needed:  Application is in house **OR**  Facility has been contacted  Application forms have been sent

Please coordinate future discussions about this project with:

D. Rampet Phone 4-3262

Comments: Permit from BOW is needed. D. Rampet is currently reaching out to Josh Mays to discuss what BOW permitting requirements

STATE PERMIT LOG NO. : 2024-014

NAME : Prairie Hill RDF  
OWNER : Russ Renner

STATUS : A  
SITE NO. : 1950350014

COUNTY : Whiteside

CITY : Morrison

PERMIT TYPE : DEOP Part 807

REVIEWER : CGK

SR : 90

GA-REQ'D : N

FACILITY TYPE : STPR COMPLETENESS : 05/04/2024

GAU-REV :

RP : 90

MAILED :

RECEIVED : 03/20/2024 DUE: 06/18/2024

REVIEW TIME : 47

FINAL ACTION :

WAIVER :

PSRP :

PRP :

NOTIFY IHPA :

SITING APP'D: N

NOTIFY DCEO:

NOTIFY DNR:

NOTIFY DELEGATED COUNTY: N

NOTIFY DOT :

PERMIT EXPIRATION:

COMMENTS: Application requesting to accept offsite leachate from other WM operated facilities for disposal in the leachate evaporator

813 COMPLETENESS REVIEW

- A. LOG IN PROCESS : (5) :
- B. TO GAU REVIEWER \_\_\_\_\_ : (5)
- C. GAU REVIEW \_\_\_\_\_ : (7)
- D. GAU MEMO TO SW \_\_\_\_\_ : (2)
- E. TO SW REVIEWER \_\_\_\_\_ : (5)
- F. SW REVIEW \_\_\_\_\_ : (7)
- G. SW MANAGER REVIEW \_\_\_\_\_ : (2)
- H. JOINT DECISION \_\_\_\_\_ : (2)
- I. COMPLETENESS LTR SENT \_\_\_\_\_ : (7)
- J. GAU & SW \_\_\_\_\_ : (TECH. MTG.)
- K. DRAFT \_\_\_\_\_ :
- L. REVIEW MGR \_\_\_\_\_ :

807/832 COMPLETENESS REVIEW

- 1. OWNER'S SIGNATURE Y N
- 11. OPERATOR'S SIGNATURE Y N
- 111. P.E.'S SIGNATURE Y N NA
- 1V. SITING OBTAINED Y N NA
- V. CORRECT FORMS UTILIZED Y N WHAT FORMS MISSING?
- VI. COMPLETE Y N IF NO SEND LETTER BY 30TH DAY!

**Prairie Hill Landfill**18762 Lincoln Road  
Morrison, IL 61270

March 19, 2024

Ms. Jacki Cooperider, P.E.  
Manager, Permit Section  
IEPA - Bureau of Land #33  
1021 North Grand Ave. East  
Springfield, Illinois 62794-9276**RE: Prairie Hill RDF (Prairie Hill Leachate STPR)  
IEPA #1950350014 - Whiteside County, Illinois  
807 Log No. 2024-014  
Response to Request for Additional Information**

Dear Ms. Cooperider:

Submitted herein is a response to the additional information request received from the Illinois Environmental Protection Agency (the Agency) on March 4, 2024. The Agency's requests are listed in **bold font**, with WM's response in standard font.

- 1. Pursuant to 35 Ill. Adm Code 807.205(a) all applications for permit required under these regulations must contain all data and information specified in those rules governing the type of unit or site for which the permit is required. Pursuant to 35 111. Adm Code 807.205(d) all permit applications must be signed by the owner and operator of the waste management site or their duly authorized agents, must be accompanied by evidence of authority to sign the application and must be certified as to all engineering features by a professional engineer. As noted on Page 4 of General Application for Permit (LPC-P A 1) form all permit applications submitted on behalf of corporations must be signed by a principal executive officer of at least the level of vice president. Joshua Hey, Engineer has signed on behalf of the operator, Waste Management of Illinois, Inc. Documentation authorizing Joshua Hey to sign on behalf of the operator is not provided.**

**Additional Note: From the technical review, the Owner Address listed on the 39(i) Certification form(s) for the owner and operator of the facility and on the General Application for Permit (LPC-PAI) and Application for a Solid Waste Management Permit to Develop Treatment and/or Storage Facilities (LPC-PA3) provided in the application are different. Updated page(s) and/or form(s) with the correct applicant information must be submitted.**

Site engineers are authorized to sign environmental compliance related documents on behalf of Waste Management of Illinois, Inc. This authorization is granted via a Secretary's Certificate signed by Courtney Tippy (Vice President/Secretary) that is typically included with submittal of

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MAR 20 2024  
IEPA-BOL  
PERMIT SECTION

all applications. This certificate was left out of the original application due to an oversight during assembly but is provided as Attachment 1.

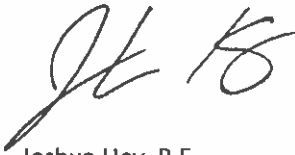
Additionally, the owner address listed on both 39(i) documents provided is outdated. The address listed on the LPC-PA1 and LPC-PA3 (200 E. Knox Street, Morrison, IL 61270) is the correct address. Both 39(i) forms have been corrected and are provided as Attachment 2.

Attached please find an original and two copies of this response.

Should you have any questions, please do not hesitate to contact me at 224-545-2229

Sincerely,

**Waste Management of Illinois, Inc.**

A handwritten signature in black ink, appearing to read 'JH' followed by a stylized flourish.

Joshua Hey, P.E.

Engineer

**ATTACHMENT 1**  
**SECRETARY'S CERTIFICATE**

**SECRETARY'S CERTIFICATE****WASTE MANAGEMENT OF ILLINOIS, INC.**

I, Courtney A. Tippy, Secretary of WASTE MANAGEMENT OF ILLINOIS, INC., a(n) Delaware corporation (the "Company"), do hereby certify that the following is a true and complete copy of resolutions adopted by written consent of the Board of Directors of the Company, which resolutions have not been amended, modified or rescinded and are in full force and effect as of the date hereof:

*Environmental Compliance Signature Authority*


RESOLVED, that the Area Vice President, Area Director of Disposal Operations, Area Director of Collection Operations, District Manager, Director of Safety, Plant Manager, Environmental Protection Manager, Manager Engineering, District Operations Manager, MRF Manager, Facility or Site Engineer and Environmental Protection Specialist, and each of them, for each facility owned or operated by the Company, subject to compliance with applicable corporate policies and procedures and subject to specific regulatory signature requirements, are hereby authorized to prepare, execute and/or submit on behalf of the Company, as a responsible official, authorized signatory or designated representative, any and all reports, affidavits, applications, modifications, instruments, documents or papers, necessary or appropriate with respect to such facility in order to maintain compliance with federal, state and local permits, laws and/or regulations pertaining to protection of the environment, and to take any required or desired action in connection therewith, as such individual shall deem necessary or advisable, and that any such action taken to date is hereby ratified and approved; and

RESOLVED FURTHER, that any environmental compliance signature authority previously granted by the Board of Directors that is in direct conflict with, or more restrictive than, this resolution is hereby superseded; and

RESOLVED FURTHER, that the foregoing authority shall continue in full force and effect until revoked or modified by a subsequent resolution of the Board of Directors; and

RESOLVED FURTHER, that the Secretary or any Assistant Secretary of the Company may certify these resolutions to any party requesting the same to be certified.

Dated: June 13, 2019

DocuSigned by:  
  
3E0CD492E86C4D1  
\_\_\_\_\_  
Courtney A. Tippy  
Secretary

**ATTACHMENT 2**  
**REVISED 39(i)S**



# Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

## 39(i) Certification for Operating a Waste Management Facility

Pursuant to 415 ILCS 5/39(i), prior to issuing any RCRA permit, or any permit for a waste storage site, sanitary landfill, waste disposal site, waste transfer station, waste treatment facility, waste incinerator, clean construction or demolition debris fill operation, or used tire storage site, the Illinois EPA must conduct an evaluation of the prospective owner's or operator's prior experience in waste management operations, clean construction or demolition debris fill operations, and tire storage site management. As part of that evaluation please complete and submit this form with your permit application.

This form may be completed online and saved locally before printing, signing and submitting it to the Illinois EPA at the address below. If the form is completed manually, please type or print clearly.

Illinois Environmental Protection Agency  
Division of Land Pollution Control - #33  
39(i) Certification  
1021 North Grand Avenue East  
P.O. Box 19276  
Springfield, IL 62794-9276

### I. Applicant Information

Site Name Prairie Hill RDF

IEPA BOL No.: 1950350014

Site Address 18762 Lincoln Road

City: Morrison

State: IL

Zip Code: 61270-9587

Permit Numbers (if applicable): 1994-579-LF

#### Owner

Owner Name: County of Whiteside

Street Address: 200 E. Knox Street

City: Morrison State: IL Zip: 61270

#### Operator

Operator Name: Waste Management of Illinois, Inc.

Street Address: 18762 Lincoln Road

City: Morrison State: IL Zip: 61270

Is this 39(i) certification for the owner or the operator?

Owner

Operator

Owner and operator are the same entity

### II. Officers and Employees with Site Responsibility

Unless the owner and operator are the same entity, a separate 39(i) form must be submitted for both the owner and operator. Persons operating under the authority of the owner should be listed on the owner's 39(i) form and persons operating under authority of the operator should be listed on the operator's 39(i) form.

A. Officers: List the name and title of all officers of the owner or operator that will have personal involvement or active participation in the operation or management of the site or facility for which the application is submitted.

Name	Title

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**B. Employees:** List the name and title of each employee of the owner or operator that will have personal involvement or active participation in the overall operation or management of the site or facility for which the application is submitted (e.g. site managers, site engineers, and other persons who direct or control the overall day-to-day management of the operation, but not persons whose duties are exclusively limited to equipment operation, labor, or similar non-managerial functions).

Name	Title
Josh Hey (as agent of WM, not as individual)	Engineer III

**III. Owner, Operator, Officer, and Employee Information**

**A. Prior Conduct Identification**

The applicant must answer each of the following questions for every owner or operator, and for any officer or employee identified under Section II. If the answer to any of the following questions is affirmative, the applicant must complete an Attachment A for each person for whom the answer is affirmative and include a copy of each final administrative or judicial determination that required an affirmative response. If the information for each owner, operator, officer, and employee has not changed since the applicant's last submission of a 39(i) certification, the applicant can skip to Section III(C), below.

- 1) Has there been a finding that any person named in Section II violated federal, State, or local laws, regulations, standards, or ordinances in the operation of one or more waste management facilities or sites, clean construction or demolition debris fill operation facilities or sites, or tire storage sites?  Yes  
 No
- 2) Has any person named in Section II ever been convicted in this or another State of any crime which is a felony under the laws of this State, or convicted of a felony in a federal court, or convicted in this or another state or federal court of any of the following crimes: forgery, official misconduct, bribery, perjury, or knowingly submitting false information under any environmental law, regulation, or permit term or condition?  Yes  
 No
- 3) Has there been a finding against any person named in Section II of gross carelessness or incompetence in handling, storing, processing, transporting or disposing of waste, clean construction or demolition debris, or used or waste tires, or a finding of gross carelessness or incompetence in using clean construction or demolition debris as fill?  Yes  
 No

**B. Pending Proceedings**

The applicant must answer each of the following questions for every owner or operator, and for any officer or employee identified in Section II. If the answer to any of the following questions is affirmative, the applicant must complete an Attachment A for each person for whom the answer is affirmative and provide information identified in Attachment A regarding the pending proceeding.

- 1. Is there any proceeding currently pending against any person named in Section II that could result in a conviction or finding described in subsection A, above?  Yes  
 No
- 2. Is there any proceeding currently pending against any person named in Section II that could result in the reversal of a conviction or finding described in subsection A, above?  Yes  
 No

**C. Prior Application Information**

If (i) the applicant has previously submitted the Attachments required pursuant to subsections A and B above and (ii) the Attachments previously submitted are still complete, true, and correct, then the applicant does not need to include Attachments with this submission if the following box is checked:

By checking this box, I affirm that the Attachments previously submitted are still complete, true, and correct and wish to incorporate them into this Certification.

If the above box is checked, identify the application that contains the previously submitted Attachments that are complete, true, and correct.

### Authorization for Release of Information

This Certification must be signed by an officer of the applicant.

The undersigned authorizes any representative of the Illinois Environmental Protection Agency bearing this release to obtain any information from the Illinois State Police pertaining to the criminal records of the applicant and hereby directs the Illinois State Police to release such information upon request of the bearer. The undersigned authorizes a review of and full disclosure of all records, or any part thereof, concerning the applicant's criminal records by and to a duly authorized agent of the Illinois Environmental Protection Agency, whether the records are of public, private, or confidential nature. The intent of this authorization is to give consent for full and complete disclosure of the applicant's criminal records.

The undersigned fully understands that any information which is developed directly or indirectly, in whole or in part, as a result of this authorization will be considered in determining whether a permit shall be issued by the Illinois Environmental Protection Agency under the Environmental Protection Act [415 ILCS 5]. The undersigned further agrees to release the Illinois State Police and the Illinois Environmental Protection Agency, its agents and designees under this release, from any and all liability which may be incurred as a result of compliance with this authorization for release of information.

### Certification Statements

I certify under penalty of law that the information submitted, including information on any Attachments submitted as part of or incorporated into this Certification, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

*Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))*



Signature of Applicant Officer

11/2/2024

Date

Josh Hey (as agent of WM, not as individual)

Printed Name

Engineer III

Title



# Illinois Environmental Protection Agency

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## 39(i) Certification for Operating a Waste Management Facility

Pursuant to 415 ILCS 5/39(i), prior to issuing any RCRA permit, or any permit for a waste storage site, sanitary landfill, waste disposal site, waste transfer station, waste treatment facility, waste incinerator, clean construction or demolition debris fill operation, or used tire storage site, the Illinois EPA must conduct an evaluation of the prospective owner's or operator's prior experience in waste management operations, clean construction or demolition debris fill operations, and tire storage site management. As part of that evaluation please complete and submit this form with your permit application.

This form may be completed online and saved locally before printing, signing and submitting it to the Illinois EPA at the address below. If the form is completed manually, please type or print clearly.

Illinois Environmental Protection Agency  
Division of Land Pollution Control - #33  
39(i) Certification  
1021 North Grand Avenue East  
P.O. Box 19276  
Springfield, IL 62794-9276

### I. Applicant Information

Site Name Prairie Hill RDF

IEPA BOL No.: 1950350014

Site Address 18762 Lincoln Road

City: Morrison

State: IL

Zip Code: 61270-9587

Permit Numbers (if applicable): 1994-579-LF

#### Owner

Owner Name: County of Whiteside

Street Address: 200 E. Knox Street

City: Morrison

State: IL

Zip: 61270

#### Operator

Operator Name: Waste Management of Illinois, Inc.

Street Address: 18762 Lincoln Road

City: Morrison

State: IL

Zip: 61270

Is this 39(i) certification for the owner or the operator?

Owner

Operator

Owner and operator are the same entity

### II. Officers and Employees with Site Responsibility

Unless the owner and operator are the same entity, a separate 39(i) form must be submitted for both the owner and operator. Persons operating under the authority of the owner should be listed on the owner's 39(i) form and persons operating under authority of the operator should be listed on the operator's 39(i) form.

A. Officers: List the name and title of all officers of the owner or operator that will have personal involvement or active participation in the operation or management of the site or facility for which the application is submitted.

Name	Title

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B. Employees: List the name and title of each employee of the owner or operator that will have personal involvement or active participation in the overall operation or management of the site or facility for which the application is submitted (e.g. site managers, site engineers, and other persons who direct or control the overall day-to-day management of the operation, but not persons whose duties are exclusively limited to equipment operation, labor, or similar non-managerial functions).

Name	Title
Russell Renner, P.E.	County Engineer
Martin Koster	County Board Chairman

III. Owner, Operator, Officer, and Employee Information

A. Prior Conduct Identification

The applicant must answer each of the following questions for every owner or operator, and for any officer or employee identified under Section II. If the answer to any of the following questions is affirmative, the applicant must complete an Attachment A for each person for whom the answer is affirmative and include a copy of each final administrative or judicial determination that required an affirmative response. If the information for each owner, operator, officer, and employee has not changed since the applicant's last submission of a 39(i) certification, the applicant can skip to Section III(C), below.

- 1) Has there been a finding that any person named in Section II violated federal, State, or local laws, regulations, standards, or ordinances in the operation of one or more waste management facilities or sites, clean construction or demolition debris fill operation facilities or sites, or tire storage sites?  Yes  
 No
- 2) Has any person named in Section II ever been convicted in this or another State of any crime which is a felony under the laws of this State, or convicted of a felony in a federal court; or convicted in this or another state or federal court of any of the following crimes: forgery, official misconduct, bribery, perjury, or knowingly submitting false information under any environmental law, regulation, or permit term or condition?  Yes  
 No
- 3) Has there been a finding against any person named in Section II of gross carelessness or incompetence in handling, storing, processing, transporting or disposing of waste, clean construction or demolition debris, or used or waste tires, or a finding of gross carelessness or incompetence in using clean construction or demolition debris as fill?  Yes  
 No

B. Pending Proceedings

The applicant must answer each of the following questions for every owner or operator, and for any officer or employee identified in Section II. If the answer to any of the following questions is affirmative, the applicant must complete an Attachment A for each person for whom the answer is affirmative and provide information identified in Attachment A regarding the pending proceeding.

- 1. Is there any proceeding currently pending against any person named in Section II that could result in a conviction or finding described in subsection A, above?  Yes  
 No
- 2. Is there any proceeding currently pending against any person named in Section II that could result in the reversal of a conviction or finding described in subsection A, above?  Yes  
 No

C. Prior Application Information

If (i) the applicant has previously submitted the Attachments required pursuant to subsections A and B above and (ii) the Attachments previously submitted are still complete, true, and correct, then the applicant does not need to include Attachments with this submission if the following box is checked:

By checking this box, I affirm that the Attachments previously submitted are still complete, true, and correct and wish to incorporate them into this Certification.

If the above box is checked, identify the application that contains the previously submitted Attachments that are complete, true, and correct.

**Authorization for Release of Information**

This Certification must be signed by an officer of the applicant.

The undersigned authorizes any representative of the Illinois Environmental Protection Agency bearing this release to obtain any information from the Illinois State Police pertaining to the criminal records of the applicant and hereby directs the Illinois State Police to release such information upon request of the bearer. The undersigned authorizes a review of and full disclosure of all records, or any part thereof, concerning the applicant's criminal records by and to a duly authorized agent of the Illinois Environmental Protection Agency, whether the records are of public, private, or confidential nature. The intent of this authorization is to give consent for full and complete disclosure of the applicant's criminal records.

The undersigned fully understands that any information which is developed directly or indirectly, in whole or in part, as a result of this authorization will be considered in determining whether a permit shall be issued by the Illinois Environmental Protection Agency under the Environmental Protection Act [415 ILCS 5]. The undersigned further agrees to release the Illinois State Police and the Illinois Environmental Protection Agency, its agents and designees under this release, from any and all liability which may be incurred as a result of compliance with this authorization for release of information

**Certification Statements**

I certify under penalty of law that the information submitted, including information on any Attachments submitted as part of or incorporated into this Certification, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

*Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))*

*Martin Koster*

Signature of Applicant Officer

10/6/2023

Date

Martin Koster

Printed Name

County Board Chairman

Title

**Completeness and Initial Review Checklist for LPC-PA1****LPC-PA1 Form**

Site No. 1950350014 County: Whiteside  
 Project Name: Prairie Hill RDF (Prairie Hill Leachate STPR) Log No. 2024 - 014  
 Reviewer: Carlos Khairallah / N/A Default Date: March 2, 2024

**Legend:**

PR-Provided, AD-Adequate, NA-Not Applicable, EX-Explanations and notes

PR AD NA EX

I. SITE IDENTIFICATION – 812.104(a)

- A. Site Name and Site Number
- B. City and County
- C. Owner and Operator Name and Address
- D. Type Submission, Type Facility and Type Waste
- E. Description of Project

II. COMPLETENESS REQUIREMENTS

- A. Documentation: the Public Notice Letters have been mailed – 807.205(k)
1. Is Section 4.1 yes box checked?
2. Are the public notice recipients listed.
- B. Local Siting Approval – 812.105, 813.104(c), and 39(c) of Act
1. Determination as to whether local siting approval is required.
2. Siting Certification Form (LPC-PA8) completed and enclosed.
3. Identification of any litigation contesting siting approval
- C. Status of the following items identified:
1. Closure and post-closure care plans – 812.114 and 812.115
2. Prior Conduct Certification of the Chief Operator – 745.202
- D. Beneficial Trust Certification Form (LPC-PA9) completed and enclosed. – 22.19(b) of the Act
- E. Is the latest version of the LPC-PA1 form used? (currently rev. 10/2018)

**LANDFILL BAN IN COUNTIES WITH POPULATIONS OVER 2,000,000**

Yes No

- Does the application propose to develop a new landfill, that will be located in a county with more than 2,000,000 inhabitants (i.e., Cook County)? – Section 22.43a(a) of the Act (Source: P.A. 97-843, eff. 7-23-12.)
- Does the application propose to laterally expand a landfill, that is located in a county with more than 2,000,000 inhabitants (i.e., Cook County)? – Section 22.43a(b) of the Act (Source: P.A. 97-843, eff. 7-23-12.)

***Note to Reviewer: If the answer to either of the questions directly above is “Yes”, the permit application should be hard denied.***

**III. SIGNATURES**

- A. Owner’s Signature (notarized for 813) – 812.104(b)  
Martin Koster, County Board Chairman of the County of Whiteside has signed on behalf of the owner.
- B. Operator’s Signature (notarized for 813) – 812.104(b)  
Joshua Hey, Engineer of Waste Management of Illinois, Inc. has signed on behalf of the operator.
- C. Professional Engineer’s Certification, seal required – 812.102  
Joshua D. Hey, P.E., Engineer of Waste Management of Illinois, Inc. has provided the engineer's signature and seal.

**IV. OTHER**

- Is the 39(i) certification form provided consistent with Section IV.7?  
39(i) Certification signed by Martin Koster is provided for owner. None are listed as Officer(s) with site responsibility. Russel Renner, P.E., and Martin Koster are listed as Employee(s) having personal involvement in the management of the site. No 'Yes' boxes are checked in Sections III.A and III.B of the form.  
39(i) Certification signed by Josh Hey (as agent of WM, not as individual) is provided for operator. None are listed as Officer(s) with site responsibility. Josh Hey (as agent of WM, not as individual) is listed as Employee(s) having personal involvement in the management of the site. No 'Yes' boxes are checked in Sections III.A and III.B of the form.  
It doesn't appear that the old October 2018 version of the 39(i) Certification was used. The latest version of the form is dated June 2019 and is used. Since this site is not owned and operated by the same entity it does make a difference and submittal of a new form would have been required.
- Is the narrative discussion and supporting data necessary for GAU to perform their review included? (if applicable)

**V. FACES DATABASE**

- Has the FACES Database been reviewed?

**VI. ENVIRONMENTAL JUSTICE**

- Is the site located in an environmental justice area?

(Use the SWAP database to check EJ location status)

If yes, use the EJ Database to submit a review request.

Explanations and notes:

**Application assigned to me on January 18, 2024.**

**1. Pursuant to 35 Ill. Adm Code 807.205(a) all applications for permit required under these regulations must contain all data and information specified in those rules governing the type of unit or site for which the permit is required. Pursuant to 35 Ill. Adm Code 807.205(d) all permit applications must be signed by the owner and operator of the waste management site or their duly authorized agents, must be accompanied by evidence of authority to sign the application and must be certified as to all engineering features by a professional engineer. As noted on Page 4 of General Application for Permit (LPC-PA1) form all permit applications submitted on behalf of corporations must be signed by a principal executive officer of at least the level of vice president. Joshua Hey, Engineer has signed on behalf of the operator, Waste Management of Illinois, Inc. Documentation authorizing Joshua Hey to sign on behalf of the operator is not provided.**

**Additional Note: From the technical review, the Owner Address listed on the 39(i) Certification form(s) for the owner and operator of the facility and on the General Application for Permit (LPC-PA1) and Application for a Solid Waste Management Permit to Develop Treatment and/or Storage Facilities (LPC-PA3) provided in the application are different. Updated page(s) and/or form(s) with the correct Applicant Information must be submitted.**

**FACES database review: Checked on February 21, 2024. 1 enforcement action from April 15, 2005 is listed. It has been resolved.**

**EJ Status: Checked EJ status using the SWAP tool and EJ database on February 21, 2024. Site not in EJ area.**

**Copy of LPC-PA16 provided.**

**Groundwater review is not required.**

**The application requesting to accept offsite leachate from other WM operated facilities for disposal in the leachate evaporator.**

**The application is administratively incomplete.**

**March 20, 2024: Did not receive additional information dated March 19, 2024 via e-mail. Hard copy was received on March 20, 2024.**

**Signatory Authorization for Joshua Hey on behalf of the operator is provided.**

**39(i) Certification June 2019 version with updated Owner Address signed by Martin Koster is provided for owner. None is listed as Officer(s) with site responsibility. Russel Renner, P.E., and Martin Koster are listed as Employee(s) with site responsibility. No 'Yes' boxes are checked in Sections III.A and III.B of the form.**

**39(i) Certification June 2019 version with updated Owner Address signed by Josh Hey (as agent of WM, not as individual) is provided for operator. None is listed as Officer(s) with site responsibility. Josh Hey (as agent of WM, not as individual) is listed as Employee(s) with site**



**responsibility. No 'Yes' boxes are checked in Sections III.A and III.B of the form. This satisfies incompleteness point No. 1 and Additional Note.**

**With the receipt of this addendum the application is administratively complete.**

**REVIEW NOTES**  
**Prairie Hill RDF (Leachate STPR)**  
**Log No. 2024-014**

Site No. - 1950350014 – Whiteside County

Date Received – January 17, 2024

Completeness Date – March 2, 2024

Due Date – April 16, 2024

DOIR Date Received – March 20, 2024

DOIR Completeness Date – May 4, 2024

DOIR Due Date – June 18, 2024

90-day AR Waiver Date – N/A

30-day DA Waiver Date – N/A

60-day SW Waiver Date – N/A

30-day GW Waiver Date – N/A

30-day Waiver Date – N/A

90-day AI Waiver Date – N/A

Date Assigned – January 18, 2024

Date Completeness Checked – February 21, 2024

Date Submitted to Management – April 11, 2024

Date Re-Submitted to Management – April 12, 2024

DA Reviewer – Carlos Khairallah

GW Reviewer – N/A

Site Name/Location: Prairie Hill RDF (Leachate STPR)  
18762 Lincoln Road  
Morrison, Illinois 61270

Owner: County of Whiteside  
Attn: Mr. Russ Renner  
200 East Knox Street  
Morrison, Illinois 61270  
Phone: (815) 772-7651  
E-mail: [rrenner@whiteside.org](mailto:rrenner@whiteside.org)

Operator: Waste Management of Illinois, Inc.  
Attn: Mr. Joshua Hey  
18762 Lincoln Road  
Morrison, Illinois 61270  
Phone: (224) 525-2229  
E-mail: [jhey@wm.com](mailto:jhey@wm.com)

Engineer: Joshua D. Hey, P.E.  
Waste Management of Illinois, Inc.

18370 Somonauk Road  
Dekalb, Illinois 60115  
Phone: (224) 545-2229  
E-mail: [jhey@wm.com](mailto:jhey@wm.com)

**Nature of Application:** This application requesting to accept offsite leachate from other WM operated facilities for disposal in the leachate evaporator.

**Permit History:** See attached.

**Completeness Review:**

The application is administratively complete. See attached completeness review.

**FACES Database:** Reviewed on February 21, 2024. 1 enforcement action from April 15, 2005 is listed. It has been resolved. Violation action type is Compliance Commitment Agreement. FACES database was last checked on April 10, 2024.

**EJ (Environmental Justice) Notification:** Checked EJ status using the SWAP tool and EJ database on February 21, 2024. Site not in EJ area. See attached printout. EJ status was last checked on April 10, 2024.

**Comments Received:**

**FOS – Rockford Regional Office**

None received.

**February 23, 2024:** Philip Lee, Illinois EPA Bureau of Land (BOL) Solid Waste Unit Environmental Protection Engineer: “Log No. 2023-237 Modification No. 118 approved the 2023 Closure/Post-Closure Care cost estimate on 8/29/2023. The 2023 cost estimate for closure is \$6,850,324, post-closure care is \$7,047,000, and decommissioning cost is \$71,217, totaling \$13,968,541.” (Copy not attached).

**February 27, 2024:** Daniel Rowell, P.E., Illinois EPA Bureau of Air (BOA) Working Supervisor/Technical Expert: “I have an idea of how I would like to respond to your CROPA. However, I would like to clarify a few points on this before doing so. Has Waste Management (WM) obtained, or plans to obtain, proper siting to accept and process leachate from other WM owned/operated landfills? In this regard, I am concerned that this project (i.e., accepting leachate from other landfills) may constitute a new "pollution control facility" for purposes of Section 3.300 of the Illinois Environmental Protection Act. This is because the leachate evaporator may now constitute a waste treatment facility that would process waste materials (i.e., leachate) not generated directly by the Prairie Hill Landfill. Has BOL considered whether Section 3.300 of the Act applies? Has BOL considered whether siting under Section 39.2 of the Act is necessary? If neither are applicable, could BOL clarify why that is the case?” (Copy not attached).

February 27, 2024: Daniel Rowell, P.E., Illinois EPA Bureau of Air (BOA) Working Supervisor/Technical Expert: “Notwithstanding the concerns that appear to be shared by BOL and BOA, please find attached a response to your CROPA. Please keep BOA Permits in the loop as to any determinations made by DLC in this matter as it would likely impact air permitting as well.” (Copy not attached).

April 8, 2024: Received response to the DLC opinion request. [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

- [REDACTED]
- [REDACTED]

[REDACTED]



GW (Groundwater Unit) – N/A

CROPA (Coordinated Review of Permit Application)

February 27, 2024: Daniel Rowell, Illinois EPA Bureau of Air – Response to CROPA Request Memorandum dated February 23, 2024: Date of Response was February 27, 2024. (1) Project: “Is significant”. (2) Project involves: “Emissions to atmosphere”. (3) A permit: “Is needed”. (4) If a permit is needed: “Facility has been contacted”. Please coordinate future discussions about this project with: “Daniel Rowell, Phone 217/558-4368”. Comments: “Notification provided by e-mail that a revised air construction permit for the leachate evaporator would be required to provide this operational flexibility”.

CROPA (Coordinated Review of Permit Application)

March 7, 2024: Derek Rompot, Illinois EPA Bureau of Water – Response to CROPA Request Memorandum dated February 23, 2024: Date of Response was March 7, 2024. (1) Project: “None”. (2) Project involves: “None”. (3) A permit: “Is needed”. (4) If a permit is needed: “None” (Comments below). Please coordinate future discussions about this project with: “Derek Rompot, Phone 217/524-3262”. Comments: “Permit from BOW is needed. Derek Rompot is currently reaching out to Josh Hey to discuss what BOW permitting requirements”.

**Background About the Facility:** Prairie Hill RDF is an existing municipal solid waste landfill facility that began operation in 1995 under Permit No. 1994-579-LF. In April of 2023, the facility completed construction and began operation of a 40,000 gallon per day leachate evaporation unit for the disposal of site generated leachate. The facility currently has nine leachate collection cell sump risers as well as various wellfield leachate pumps that convey liquid via perimeter forcemain to a 20,000-gallon underground storage tank near the evaporator. Leachate from the underground tank is then pumped to a 40,000-gallon aboveground storage tank which is used to feed the evaporation unit.

The evaporator is currently managing approximately 20,000 gallons per day and has the capacity to receive and process additional leachate.

The transfer station is a non-hazardous materials storage and transfer facility at the existing Prairie Hill RDF facility located at the 18765 Lincoln Road, Morrison, IL. The purpose of the facility and permit application is to accept offsite leachate from other WM operated facilities for disposal in the leachate evaporator.

**Discussion of the Permit Application:** The following issues were noted:

1. As discussed in the original completeness notes documentation authorizing Joshua Hey to sign on behalf of the operator is required and was to be submitted. The signatory authorization was submitted on March 19, 2024 and received on March 20, 2024.

Additional Note: As discussed in the original completeness notes the updated Owner Address on the LPC-PA1, LPC-PA3 or the 39(i) Certification forms are required and were to be submitted. The new forms were submitted on March 19, 2024 and received on March 20, 2024.

Application Log No. 2024-014 has been submitted requesting to accept offsite leachate from other WM operated facilities for disposal in the leachate evaporator.

Included in the application were the following form(s):

- General Application for Permit (LPC-PA1). Latest October 2018 version used.
- Application for a Solid Waste Management Permit to Develop Treatment and/or Storage Facilities (LPC-PA3). Latest November 2018 version used.
- Notice of Application for Permit to Manage Waste (LPC-PA16). Latest July 2011 version used.
- 39(i) Certification(s) for Operating a Waste Management Facility – For Owner. Latest June 2019 version used. Owner Address different than LPC-PA1 and LPC-PA3 – Denial point deficiency.
- 39(i) Certification(s) for Operating a Waste Management Facility – For Operator. Latest June 2019 version used. Owner Address different than LPC-PA1 and LPC-PA3 – Denial point deficiency.
- Site Location Map.
- Evaporator Location and Layout.
- Process Flow Diagram.
- Operating Log.

Not all forms were filled out correctly and signed/sealed. Extensive narrative was provided with application.

Not included in the application were the following forms:

- Signatory Authorization Affidavit. Documentation authorizing Joshua Hey to sign as Engineer on behalf of the operator is not provided – Incompleteness point deficiency.

- Certification of Siting Approval (LPC-PA8). Latest May 2012 version to be used. This transfer station is a pollution control facility, as defined in Section 3.330 of the Act, however LPC-PA8 is not provided.



February 23, 2024: Sent e-mail to Philip Lee with Illinois EPA Bureau of Land (BOL) with the following request for comments: "We have application Log No. 2024-014 for 1950350014 - Prairie Hill RDF requesting to develop a transfer facility at the existing Prairie Hill RDF solid waste landfill. The facility is located at 18762 Lincoln Road, Morrison, Illinois 61270 in Whiteside County. The purpose of the facility and permit application is to accept offsite leachate from other WM operated facilities for disposal in the leachate evaporator. As per brief narrative in cover page of the application, the operations being proposed in this application should not require an independent Closure/Post-Closure Plan. The site will utilize the existing plan approved under Permit No. 1994-579-LF. See permit Modification No. 116, Log No. 2022-402 attached. Being the landfill permit reviewer, please confirm if that is correct ASAP." (Copy not attached).

February 23, 2024: CROPA sent out to Bureau of Air Section Manager Bill Marr, Water Pollution Control Unit Manager Darin LeCrone (Section Manger is Amy Dragovich), and Public Water Supply Section Manager Mike Summers.

February 27, 2024: Sent e-mail to Daniel Rowell with Illinois EPA Bureau of Air (BOA) with the following reply comments:" No, WM has not obtained new siting approval and is not planning to obtain one for this site. BOL is currently inquiring with DLC about this very same issue and have not received a final decision / recommendation from them yet." (Copy not attached).

The following incompleteness and denial points were provided as Determination of Incompleteness (DOI) letter to Russ Renner of the County of Whiteside and Joshua Hey of Waste Management of Illinois, Inc. by certified mail on March 4, 2024:

- 1) Pursuant to 35 Ill. Adm Code 807.205(a) all applications for permit required under these regulations must contain all data and information specified in those rules governing the type of unit or site for which the permit is required. Pursuant to 35 Ill. Adm Code 807.205(d) all permit applications must be signed by the

owner and operator of the waste management site or their duly authorized agents, must be accompanied by evidence of authority to sign the application and must be certified as to all engineering features by a professional engineer. As noted on Page 4 of General Application for Permit (LPC-PA1) form all permit applications submitted on behalf of corporations must be signed by a principal executive officer of at least the level of vice president. Joshua Hey, Engineer has signed on behalf of the operator, Waste Management of Illinois, Inc. Documentation authorizing Joshua Hey to sign on behalf of the operator is not provided; and

Additional Note: From the technical review, the Owner Address listed on the 39(i) Certification form(s) for the owner and operator of the facility and on the General Application for Permit (LPC-PA1) and Application for a Solid Waste Management Permit to Develop Treatment and/or Storage Facilities (LPC-PA3) provided in the application are different. Updated page(s) and/or form(s) with the correct Applicant Information must be submitted.

March 20, 2024: Received addendum 1 dated March 19, 2024 to provide a response for each IEPA incompleteness and denial point received from IEPA determination of incompleteness letter on March 4, 2024. Hard copy of the additional information was received on March 20, 2024.

Included in the addendum were the following form(s):

- Signatory Authorization for Joshua Hey to sign.
- Updated 39(i) Certification(s) for Operating a Waste Management Facility – For Owner. Latest June 2019 version used.
- Updated 39(i) Certification(s) for Operating a Waste Management Facility – For Operator. Latest June 2019 version used.

Addendum 1 provides each IEPA incompleteness and denial points and the associated response as follows:

1. Pursuant to 35 Ill. Adm Code 807.205(a) all applications for permit required under these regulations must contain all data and information specified in those rules governing the type of unit or site for which the permit is required. Pursuant to 35 Ill. Adm Code 807.205(d) all permit applications must be signed by the owner and operator of the waste management site or their duly authorized agents, must be accompanied by evidence of authority to sign the application and must be certified as to all engineering features by a professional engineer. As noted on Page 4 of General Application for Permit (LPC-PA1) form all permit applications submitted on behalf of corporations must be signed by a principal executive officer of at least the level of vice president. Joshua Hey, Engineer has signed on behalf of the operator, Waste Management of Illinois, Inc. Documentation authorizing Joshua Hey to sign on behalf of the operator is not provided.

Response:

Site engineers are authorized to sign environmental compliance related documents on behalf of Waste Management of Illinois, Inc. This



authorization is granted via a Secretary's Certificate signed by Courtney Tippy (Vice President/Secretary) that is typically included with submittal of all applications. This certificate was left out of the original application due to an oversight during assembly but is provided as Attachment 1.

Additional Note: From the technical review, the Owner Address listed on the 39(i) Certification form(s) for the owner and operator of the facility and on the General Application for Permit (LPC-PA1) and Application for a Solid Waste Management Permit to Develop Treatment and/or Storage Facilities (LPC-PA3) provided in the application are different. Updated page(s) and/or form(s) with the correct Applicant Information must be submitted.

Response:

Additionally, the owner address listed on both 39(i) documents provided is outdated. The address listed on the LPC-PA1 and LPC-PA3 (200 E. Knox Street, Morrison, IL 61270) is the correct address. Both 39(i) forms have been corrected and are provided as Attachment 2.

Addendum 1 provided the following additional information:

Signatory Authorization for Joshua Hey to sign as Engineer on behalf of the operator. 39(i) Certification June 2019 version with updated Owner Address signed by Martin Koster is provided for owner. None is listed as Officer(s) with site responsibility. Russel Renner, P.E., and Martin Koster are listed as Employee(s) with site responsibility. No 'Yes' boxes are checked in Sections III.A and III.B of the form.

39(i) Certification June 2019 version with updated Owner Address signed by Josh Hey (as agent of WM, not as individual) is provided for operator. None is listed as Officer(s) with site responsibility. Josh Hey (as agent of WM, not as individual) is listed as Employee(s) with site responsibility. No 'Yes' boxes are checked in Sections III.A and III.B of the form.

All forms were filled out correctly and signed/sealed. This satisfies incompleteness point No. 1 and Additional Note.

April 12, 2024: Sent e-mail to Daniel Rowell with Illinois EPA Bureau of Air (BOA) with the following response: " Please see below the determinations made by DLC on this application matter." (Copy not attached).



The following denial point was provided as Notice of Denial (NOD) letter to Russ Renner of the County of Whiteside and Joshua Hey of Waste Management of Illinois, Inc. to be sent by certified mail to Tom Hubbard on April 12, 2024:

- 1) Pursuant to 35 Ill. Adm. Code 807.205(a) all applications for permit required under these regulations must contain all data and information specified in those rules governing the type of unit or site for which the permit is required. The new treatment of accepting special waste from other sites and use of a leachate evaporator for the first time is reasonably considered to fall within Section 3.330(b)(3) of the Act, and as such would constitute a new pollution control facility under Section 3.330 of the Act. The permit application did not provide proof that local siting approval, following the format and procedures described in Section 39.2 of the Act, has been granted by the County of Whiteside for the proposed operation of the facility's leachate evaporator. The application is rejected due to failure to include proof of local siting approval.

This facility modification of operation of solid waste permit has not been completed in accordance with 35 IAC Part 807.

**Recommendation:** Based on my review this application cannot be approved. Specifically, denying the development and operation of a non-hazardous special waste materials storage and transfer facility at the existing Prairie Hill RDF landfill facility under Permit No. 2024-014-DE/OP.

**Changes to Permit:**

The following changes have been made to the permit:  
N/A.

## Khairallah, Carlos

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**From:** Khairallah, Carlos  
**Sent:** Friday, April 12, 2024 10:14 AM  
**To:** Rowell, Daniel  
**Subject:** FW: Prairie Hill RDF - Leachate Facility Question

Daniel,

Please see below the determinations made by DLC on this application matter.

Thanks,

Carlos Khairallah (Karella)  
Illinois Environmental Protection Agency  
Bureau of Land/Permit Section  
(217) 557-1435  
[Carlos.Khairallah@Illinois.gov](mailto:Carlos.Khairallah@Illinois.gov)



State of Illinois - CONFIDENTIALITY NOTICE: The information contained in this communication is confidential, may be attorney-client privileged or attorney work product, may constitute inside information or internal deliberative staff communication, and is intended only for the use of the addressee. Unauthorized use, disclosure or copying of this communication or any part thereof is strictly prohibited and may be unlawful. If you have received this communication in error, please notify the sender immediately by return e-mail and destroy this communication and all copies thereof, including all attachments. Receipt by an unintended recipient does not waive attorney-client privilege, attorney work product privilege, or any other exemption from disclosure.

---

**From:** Cooperider, Jacki <[Jacki.Cooperider@Illinois.gov](mailto:Jacki.Cooperider@Illinois.gov)>  
**Sent:** Tuesday, April 9, 2024 10:14 AM  
**To:** EPA.BOL.PermitsGroup <[EPA.BOL.PermitsGroup@Illinois.gov](mailto:EPA.BOL.PermitsGroup@Illinois.gov)>  
**Subject:** FW: Prairie Hill RDF - Leachate Facility Question

I think this is interesting information for everyone. Siting is an issue that comes up fairly often.

---

**From:** Pisula, Teresa I. <[Teresa.Pisula@Illinois.gov](mailto:Teresa.Pisula@Illinois.gov)>  
**Sent:** Monday, April 8, 2024 4:55 PM  
**To:** San Diego, Nick M <[Nick.M.SanDiego@Illinois.gov](mailto:Nick.M.SanDiego@Illinois.gov)>; Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>  
**Cc:** Khairallah, Carlos <[Carlos.Khairallah@Illinois.gov](mailto:Carlos.Khairallah@Illinois.gov)>; Cooperider, Jacki <[Jacki.Cooperider@Illinois.gov](mailto:Jacki.Cooperider@Illinois.gov)>  
**Subject:** RE: Prairie Hill RDF - Leachate Facility Question

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Thanks,

Teresa

Teresa I. Pisula  
Assistant Counsel  
Bureau of Land Regulatory  
Division of Legal Counsel  
Illinois Environmental Protection Agency  
(217) 524-3280

[Teresa.Pisula@illinois.gov](mailto:Teresa.Pisula@illinois.gov)



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**From:** San Diego, Nick M <[Nick.M.SanDiego@Illinois.gov](mailto:Nick.M.SanDiego@Illinois.gov)>  
**Sent:** Wednesday, February 21, 2024 11:37 AM  
**To:** Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>  
**Cc:** Pisula, Teresa I. <[Teresa.Pisula@Illinois.gov](mailto:Teresa.Pisula@Illinois.gov)>; Khairallah, Carlos <[Carlos.Khairallah@Illinois.gov](mailto:Carlos.Khairallah@Illinois.gov)>; Cooperider, Jacki <[Jacki.Cooperider@Illinois.gov](mailto:Jacki.Cooperider@Illinois.gov)>  
**Subject:** RE: Prairie Hill RDF - Leachate Facility Question

[Redacted]

Thanks,  
Nick

---

**From:** San Diego, Nick M  
**Sent:** Friday, February 16, 2024 3:16 PM  
**To:** Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>  
**Cc:** Pisula, Teresa I. <[Teresa.Pisula@illinois.gov](mailto:Teresa.Pisula@illinois.gov)>; Khairallah, Carlos <[Carlos.Khairallah@Illinois.gov](mailto:Carlos.Khairallah@Illinois.gov)>; Cooperider, Jacki <[Jacki.Cooperider@Illinois.gov](mailto:Jacki.Cooperider@Illinois.gov)>  
**Subject:** RE: Leachate Facility Question

[Redacted]

Nick

---

**From:** Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>  
**Sent:** Friday, February 16, 2024 11:33 AM  
**To:** San Diego, Nick M <[Nick.M.SanDiego@Illinois.gov](mailto:Nick.M.SanDiego@Illinois.gov)>  
**Cc:** Pisula, Teresa I. <[Teresa.Pisula@Illinois.gov](mailto:Teresa.Pisula@Illinois.gov)>; Khairallah, Carlos <[Carlos.Khairallah@Illinois.gov](mailto:Carlos.Khairallah@Illinois.gov)>; Cooperider, Jacki <[Jacki.Cooperider@Illinois.gov](mailto:Jacki.Cooperider@Illinois.gov)>  
**Subject:** RE: Leachate Facility Question

[Redacted]

Tom

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**From:** San Diego, Nick M <[Nick.M.SanDiego@Illinois.gov](mailto:Nick.M.SanDiego@Illinois.gov)>  
**Sent:** Friday, February 16, 2024 11:24 AM  
**To:** Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>

Cc: Pisula, Teresa I. <[Teresa.Pisula@Illinois.gov](mailto:Teresa.Pisula@Illinois.gov)>

Subject: RE: Leachate Facility Question

[Redacted]

[Redacted]

Thanks,  
Nick

---

From: Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>

Sent: Friday, February 16, 2024 9:23 AM

To: San Diego, Nick M <[Nick.M.SanDiego@Illinois.gov](mailto:Nick.M.SanDiego@Illinois.gov)>

Subject: RE: Leachate Facility Question

Hey Nick,

[Redacted]

Tom

---

From: San Diego, Nick M <[Nick.M.SanDiego@Illinois.gov](mailto:Nick.M.SanDiego@Illinois.gov)>

Sent: Thursday, January 25, 2024 8:48 AM

To: Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>; Jarvis, Melanie <[Melanie.Jarvis@Illinois.gov](mailto:Melanie.Jarvis@Illinois.gov)>; Morris, Greg <[Greg.Morris@Illinois.gov](mailto:Greg.Morris@Illinois.gov)>; Cooperider, Jacki <[Jacki.Cooperider@Illinois.gov](mailto:Jacki.Cooperider@Illinois.gov)>; Khairallah, Carlos <[Carlos.Khairallah@Illinois.gov](mailto:Carlos.Khairallah@Illinois.gov)>; Pisula, Teresa I. <[Teresa.Pisula@Illinois.gov](mailto:Teresa.Pisula@Illinois.gov)>

Subject: RE: Leachate Facility Question

[Redacted]

[Redacted]

Thanks,  
Nick

---

**From:** Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>  
**Sent:** Thursday, January 25, 2024 8:37 AM  
**To:** Jarvis, Melanie <[Melanie.Jarvis@Illinois.gov](mailto:Melanie.Jarvis@Illinois.gov)>; San Diego, Nick M <[Nick.M.SanDiego@Illinois.gov](mailto:Nick.M.SanDiego@Illinois.gov)>; Morris, Greg <[Greg.Morris@Illinois.gov](mailto:Greg.Morris@Illinois.gov)>; Cooperider, Jacki <[Jacki.Cooperider@Illinois.gov](mailto:Jacki.Cooperider@Illinois.gov)>; Khairallah, Carlos <[Carlos.Khairallah@Illinois.gov](mailto:Carlos.Khairallah@Illinois.gov)>; Pisula, Teresa I. <[Teresa.Pisula@Illinois.gov](mailto:Teresa.Pisula@Illinois.gov)>  
**Subject:** RE: Leachate Facility Question

Tom

---

**From:** Jarvis, Melanie <[Melanie.Jarvis@Illinois.gov](mailto:Melanie.Jarvis@Illinois.gov)>  
**Sent:** Thursday, January 25, 2024 8:33 AM  
**To:** Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>; San Diego, Nick M <[Nick.M.SanDiego@Illinois.gov](mailto:Nick.M.SanDiego@Illinois.gov)>; Morris, Greg <[Greg.Morris@Illinois.gov](mailto:Greg.Morris@Illinois.gov)>; Cooperider, Jacki <[Jacki.Cooperider@Illinois.gov](mailto:Jacki.Cooperider@Illinois.gov)>; Khairallah, Carlos <[Carlos.Khairallah@Illinois.gov](mailto:Carlos.Khairallah@Illinois.gov)>; Pisula, Teresa I. <[Teresa.Pisula@Illinois.gov](mailto:Teresa.Pisula@Illinois.gov)>  
**Subject:** RE: Leachate Facility Question

---

**From:** Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>  
**Sent:** Thursday, January 25, 2024 7:31 AM  
**To:** San Diego, Nick M <[Nick.M.SanDiego@Illinois.gov](mailto:Nick.M.SanDiego@Illinois.gov)>; Morris, Greg <[Greg.Morris@Illinois.gov](mailto:Greg.Morris@Illinois.gov)>; Cooperider, Jacki <[Jacki.Cooperider@Illinois.gov](mailto:Jacki.Cooperider@Illinois.gov)>; Khairallah, Carlos <[Carlos.Khairallah@Illinois.gov](mailto:Carlos.Khairallah@Illinois.gov)>; Pisula, Teresa I. <[Teresa.Pisula@Illinois.gov](mailto:Teresa.Pisula@Illinois.gov)>  
**Cc:** Jarvis, Melanie <[Melanie.Jarvis@Illinois.gov](mailto:Melanie.Jarvis@Illinois.gov)>  
**Subject:** RE: Leachate Facility Question

Tom

---

**From:** San Diego, Nick M <[Nick.M.SanDiego@Illinois.gov](mailto:Nick.M.SanDiego@Illinois.gov)>  
**Sent:** Wednesday, January 24, 2024 3:59 PM  
**To:** Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>; Morris, Greg <[Greg.Morris@Illinois.gov](mailto:Greg.Morris@Illinois.gov)>; Cooperider, Jacki

<[Jacki.Cooperider@Illinois.gov](mailto:Jacki.Cooperider@Illinois.gov)>; Khairallah, Carlos <[Carlos.Khairallah@Illinois.gov](mailto:Carlos.Khairallah@Illinois.gov)>; Pisula, Teresa I. <[Teresa.Pisula@Illinois.gov](mailto:Teresa.Pisula@Illinois.gov)>

Cc: Jarvis, Melanie <[Melanie.Jarvis@Illinois.gov](mailto:Melanie.Jarvis@Illinois.gov)>

Subject: RE: Leachate Facility Question

[Redacted]

Nick

---

**From:** Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>

**Sent:** Wednesday, January 24, 2024 3:56 PM

**To:** San Diego, Nick M <[Nick.M.SanDiego@Illinois.gov](mailto:Nick.M.SanDiego@Illinois.gov)>; Morris, Greg <[Greg.Morris@Illinois.gov](mailto:Greg.Morris@Illinois.gov)>; Cooperider, Jacki <[Jacki.Cooperider@Illinois.gov](mailto:Jacki.Cooperider@Illinois.gov)>; Khairallah, Carlos <[Carlos.Khairallah@Illinois.gov](mailto:Carlos.Khairallah@Illinois.gov)>; Pisula, Teresa I. <[Teresa.Pisula@Illinois.gov](mailto:Teresa.Pisula@Illinois.gov)>

**Subject:** RE: Leachate Facility Question

[Redacted]

Tom

---

**From:** San Diego, Nick M <[Nick.M.SanDiego@Illinois.gov](mailto:Nick.M.SanDiego@Illinois.gov)>

**Sent:** Wednesday, January 24, 2024 3:53 PM

**To:** Morris, Greg <[Greg.Morris@Illinois.gov](mailto:Greg.Morris@Illinois.gov)>; Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>; Cooperider, Jacki <[Jacki.Cooperider@Illinois.gov](mailto:Jacki.Cooperider@Illinois.gov)>; Khairallah, Carlos <[Carlos.Khairallah@Illinois.gov](mailto:Carlos.Khairallah@Illinois.gov)>; Pisula, Teresa I. <[Teresa.Pisula@Illinois.gov](mailto:Teresa.Pisula@Illinois.gov)>

**Subject:** RE: Leachate Facility Question

[Redacted]



[REDACTED]

---

**From:** Morris, Greg <[Greg.Morris@Illinois.gov](mailto:Greg.Morris@Illinois.gov)>  
**Sent:** Wednesday, January 24, 2024 2:48 PM  
**To:** Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>; Cooperider, Jacki <[Jacki.Cooperider@Illinois.gov](mailto:Jacki.Cooperider@Illinois.gov)>; Khairallah, Carlos <[Carlos.Khairallah@Illinois.gov](mailto:Carlos.Khairallah@Illinois.gov)>  
**Cc:** San Diego, Nick M <[Nick.M.SanDiego@Illinois.gov](mailto:Nick.M.SanDiego@Illinois.gov)>  
**Subject:** RE: Leachate Facility Question

[REDACTED]

---

**From:** Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>  
**Sent:** Wednesday, January 24, 2024 2:42 PM  
**To:** Cooperider, Jacki <[Jacki.Cooperider@Illinois.gov](mailto:Jacki.Cooperider@Illinois.gov)>; Khairallah, Carlos <[Carlos.Khairallah@Illinois.gov](mailto:Carlos.Khairallah@Illinois.gov)>; Morris, Greg <[Greg.Morris@Illinois.gov](mailto:Greg.Morris@Illinois.gov)>  
**Cc:** San Diego, Nick M <[Nick.M.SanDiego@Illinois.gov](mailto:Nick.M.SanDiego@Illinois.gov)>  
**Subject:** RE: Leachate Facility Question

[REDACTED]

Tom

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**From:** Cooperider, Jacki <[Jacki.Cooperider@Illinois.gov](mailto:Jacki.Cooperider@Illinois.gov)>  
**Sent:** Wednesday, January 24, 2024 2:40 PM  
**To:** Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>; Khairallah, Carlos <[Carlos.Khairallah@Illinois.gov](mailto:Carlos.Khairallah@Illinois.gov)>; Morris, Greg <[Greg.Morris@Illinois.gov](mailto:Greg.Morris@Illinois.gov)>  
**Cc:** San Diego, Nick M <[Nick.M.SanDiego@Illinois.gov](mailto:Nick.M.SanDiego@Illinois.gov)>  
**Subject:** RE: Leachate Facility Question

Resending to include Greg on the email chain.

---

**From:** Cooperider, Jacki  
**Sent:** Wednesday, January 24, 2024 2:39 PM  
**To:** Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>; Khairallah, Carlos <[Carlos.Khairallah@Illinois.gov](mailto:Carlos.Khairallah@Illinois.gov)>  
**Cc:** San Diego, Nick M <[Nick.M.SanDiego@Illinois.gov](mailto:Nick.M.SanDiego@Illinois.gov)>  
**Subject:** RE: Leachate Facility Question

Nick,

[REDACTED]

[REDACTED]

[REDACTED]

[Redacted]

Jacki

**From:** Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>  
**Sent:** Wednesday, January 24, 2024 2:29 PM  
**To:** Khairallah, Carlos <[Carlos.Khairallah@Illinois.gov](mailto:Carlos.Khairallah@Illinois.gov)>  
**Subject:** FW: Leachate Facility Question

Carlos,

[Redacted]

Tom

**From:** San Diego, Nick M <[Nick.M.SanDiego@Illinois.gov](mailto:Nick.M.SanDiego@Illinois.gov)>  
**Sent:** Wednesday, January 24, 2024 2:24 PM  
**To:** Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>  
**Cc:** Khairallah, Carlos <[Carlos.Khairallah@Illinois.gov](mailto:Carlos.Khairallah@Illinois.gov)>  
**Subject:** RE: Leachate Facility Question

Hi Tom,

[Redacted]

[Redacted]

[Redacted]

Thanks,  
Nick

**From:** Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>  
**Sent:** Thursday, January 18, 2024 10:59 AM  
**To:** San Diego, Nick M <[Nick.M.SanDiego@Illinois.gov](mailto:Nick.M.SanDiego@Illinois.gov)>  
**Cc:** Khairallah, Carlos <[Carlos.Khairallah@Illinois.gov](mailto:Carlos.Khairallah@Illinois.gov)>  
**Subject:** RE: Leachate Facility Question

Hey Nick,

[Redacted]

[Redacted]

Tom

**From:** San Diego, Nick M <[Nick.M.SanDiego@Illinois.gov](mailto:Nick.M.SanDiego@Illinois.gov)>

**Sent:** Wednesday, July 12, 2023 2:43 PM

**To:** Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>; Cooperider, Jacki <[Jacki.Cooperider@Illinois.gov](mailto:Jacki.Cooperider@Illinois.gov)>; Morris, Greg <[Greg.Morris@Illinois.gov](mailto:Greg.Morris@Illinois.gov)>; Jarvis, Melanie <[Melanie.Jarvis@Illinois.gov](mailto:Melanie.Jarvis@Illinois.gov)>; McDonough, John <[John.McDonough@Illinois.gov](mailto:John.McDonough@Illinois.gov)>

**Subject:** RE: Leachate Facility Question

Hi Tom,

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

Thanks,  
Nick

**From:** Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>

**Sent:** Wednesday, July 12, 2023 11:47 AM

**To:** Cooperider, Jacki <[Jacki.Cooperider@Illinois.gov](mailto:Jacki.Cooperider@Illinois.gov)>; Morris, Greg <[Greg.Morris@Illinois.gov](mailto:Greg.Morris@Illinois.gov)>; San Diego, Nick M <[Nick.M.SanDiego@Illinois.gov](mailto:Nick.M.SanDiego@Illinois.gov)>; Jarvis, Melanie <[Melanie.Jarvis@Illinois.gov](mailto:Melanie.Jarvis@Illinois.gov)>; McDonough, John <[John.McDonough@Illinois.gov](mailto:John.McDonough@Illinois.gov)>

**Subject:** RE: Leachate Facility Question

Nick,

[Redacted]

[Redacted]

[Redacted]

Tom

From: Cooperider, Jacki <[Jacki.Cooperider@Illinois.gov](mailto:Jacki.Cooperider@Illinois.gov)>  
Sent: Tuesday, July 11, 2023 2:28 PM  
To: Morris, Greg <[Greg.Morris@Illinois.gov](mailto:Greg.Morris@Illinois.gov)>; San Diego, Nick M <[Nick.M.SanDiego@Illinois.gov](mailto:Nick.M.SanDiego@Illinois.gov)>; Jarvis, Melanie <[Melanie.Jarvis@Illinois.gov](mailto:Melanie.Jarvis@Illinois.gov)>; McDonough, John <[John.McDonough@Illinois.gov](mailto:John.McDonough@Illinois.gov)>  
Cc: Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>  
Subject: RE: Leachate Facility Question

Nick,

[Redacted]

Jacki

---

From: Rominger, Kyle [Kyle.Rominger@Illinois.gov](mailto:Kyle.Rominger@Illinois.gov)  
Sent: Monday, July 3, 2023 2:48 PM  
To: Cooperider, Jacki [Jacki.Cooperider@Illinois.gov](mailto:Jacki.Cooperider@Illinois.gov)  
Subject: RE: Leachate Facility Question

[Redacted]

From: Cooperider, Jacki <[Jacki.Cooperider@Illinois.gov](mailto:Jacki.Cooperider@Illinois.gov)>  
Sent: Thursday, June 22, 2023 5:02 PM  
To: Rominger, Kyle <[Kyle.Rominger@Illinois.gov](mailto:Kyle.Rominger@Illinois.gov)>  
Subject: FW: Leachate Facility Question

Kyle,

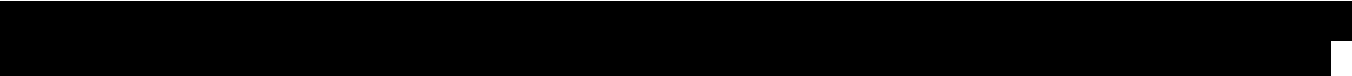
[Redacted]

Any advice would be appreciated.

Thanks,  
Jacki

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**From:** Morris, Greg <[Greg.Morris@Illinois.gov](mailto:Greg.Morris@Illinois.gov)>  
**Sent:** Tuesday, July 11, 2023 2:13 PM  
**To:** San Diego, Nick M <[Nick.M.SanDiego@Illinois.gov](mailto:Nick.M.SanDiego@Illinois.gov)>; Cooperider, Jacki <[Jacki.Cooperider@Illinois.gov](mailto:Jacki.Cooperider@Illinois.gov)>; Jarvis, Melanie <[Melanie.Jarvis@Illinois.gov](mailto:Melanie.Jarvis@Illinois.gov)>; McDonough, John <[John.McDonough@Illinois.gov](mailto:John.McDonough@Illinois.gov)>  
**Cc:** Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>  
**Subject:** RE: Leachate Facility Question



Thanks,  
Greg

---


**From:** San Diego, Nick M <[Nick.M.SanDiego@Illinois.gov](mailto:Nick.M.SanDiego@Illinois.gov)>  
**Sent:** Tuesday, July 11, 2023 1:47 PM  
**To:** Morris, Greg <[Greg.Morris@Illinois.gov](mailto:Greg.Morris@Illinois.gov)>; Cooperider, Jacki <[Jacki.Cooperider@Illinois.gov](mailto:Jacki.Cooperider@Illinois.gov)>; Jarvis, Melanie <[Melanie.Jarvis@Illinois.gov](mailto:Melanie.Jarvis@Illinois.gov)>; McDonough, John <[John.McDonough@Illinois.gov](mailto:John.McDonough@Illinois.gov)>  
**Cc:** Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>  
**Subject:** RE: Leachate Facility Question

Thanks,  
Nick

---

**From:** Morris, Greg <[Greg.Morris@Illinois.gov](mailto:Greg.Morris@Illinois.gov)>  
**Sent:** Thursday, June 22, 2023 4:57 PM  
**To:** Cooperider, Jacki <[Jacki.Cooperider@Illinois.gov](mailto:Jacki.Cooperider@Illinois.gov)>; Jarvis, Melanie <[Melanie.Jarvis@Illinois.gov](mailto:Melanie.Jarvis@Illinois.gov)>; San Diego, Nick M <[Nick.M.SanDiego@Illinois.gov](mailto:Nick.M.SanDiego@Illinois.gov)>; McDonough, John <[John.McDonough@Illinois.gov](mailto:John.McDonough@Illinois.gov)>  
**Cc:** Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>  
**Subject:** RE: Leachate Facility Question



Greg

---

**From:** Cooperider, Jacki <[Jacki.Cooperider@Illinois.gov](mailto:Jacki.Cooperider@Illinois.gov)>  
**Sent:** Thursday, June 22, 2023 4:53 PM  
**To:** Jarvis, Melanie <[Melanie.Jarvis@Illinois.gov](mailto:Melanie.Jarvis@Illinois.gov)>; San Diego, Nick M <[Nick.M.SanDiego@Illinois.gov](mailto:Nick.M.SanDiego@Illinois.gov)>; McDonough, John <[John.McDonough@Illinois.gov](mailto:John.McDonough@Illinois.gov)>; Morris, Greg <[Greg.Morris@Illinois.gov](mailto:Greg.Morris@Illinois.gov)>  
**Cc:** Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>  
**Subject:** Leachate Facility Question

Please see the email question below from Waste Management. [REDACTED]

[REDACTED]

Any advice would

be appreciated.

Thanks,  
Jacki

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Hi Phillip,

As you are aware, Prairie Hill Landfill in Morrison, IL has recently installed and began operating a leachate evaporator unit on site. We are exploring the idea of potentially bringing in additional leachate to the evaporator from off-site sources (other WM landfills). I am wondering if you could provide some insight as to what permitting the Agency would require, if any, for the following two scenarios:

1. White Side County Landfill, directly adjacent to the site, is a closed landfill with a small volume of leachate. They are currently direct hauling out of an above ground storage tank on a periodic basis. We would like to install a short forcemain between their existing leachate tank and our perimeter forcemain to bring their leachate over to the evaporator. This would be an approximately 400' forcemain line that would cross the property boundary of the two sites.
2. WM has other landfills in the vicinity that we would like to haul leachate from via tanker for disposal in the evaporator. The tankers would offload into the storage tanks that feed the evaporator.

Please let me know what permitting this would require.

Thank you!

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**Khairallah, Carlos**

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**From:** Rominger, Kyle  
**Sent:** Tuesday, April 30, 2024 11:01 AM  
**To:** Cooperider, Jacki; San Diego, Nick M; Pisula, Teresa I.; Jarvis, Melanie  
**Cc:** Hubbard, Thomas; Khairallah, Carlos  
**Subject:** RE: Draft denial for Prairie Hill leachate evaporator  
**Attachments:** Document1.docx

[Redacted]

Kyle

---

**From:** Cooperider, Jacki <Jacki.Cooperider@Illinois.gov>  
**Sent:** Monday, April 29, 2024 11:31 AM  
**To:** San Diego, Nick M <Nick.M.SanDiego@Illinois.gov>; Pisula, Teresa I. <Teresa.Pisula@Illinois.gov>; Jarvis, Melanie <Melanie.Jarvis@Illinois.gov>; Rominger, Kyle <Kyle.Rominger@Illinois.gov>  
**Cc:** Hubbard, Thomas <Thomas.Hubbard@Illinois.gov>; Khairallah, Carlos <Carlos.Khairallah@Illinois.gov>  
**Subject:** RE: Draft denial for Prairie Hill leachate evaporator  
**Importance:** High

[Redacted]

Jacki

---

**From:** Cooperider, Jacki  
**Sent:** Thursday, April 18, 2024 10:43 AM  
**To:** San Diego, Nick M <[Nick.M.SanDiego@Illinois.gov](mailto:Nick.M.SanDiego@Illinois.gov)>; Pisula, Teresa I. <[Teresa.Pisula@Illinois.gov](mailto:Teresa.Pisula@Illinois.gov)>; Jarvis, Melanie <[Melanie.Jarvis@Illinois.gov](mailto:Melanie.Jarvis@Illinois.gov)>; Rominger, Kyle <[Kyle.Rominger@Illinois.gov](mailto:Kyle.Rominger@Illinois.gov)>  
**Cc:** Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>; Khairallah, Carlos <[Carlos.Khairallah@Illinois.gov](mailto:Carlos.Khairallah@Illinois.gov)>  
**Subject:** FW: Draft denial for Prairie Hill leachate evaporator

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[REDACTED]

Jacki

---

**From:** Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>  
**Sent:** Thursday, April 18, 2024 8:29 AM  
**To:** Cooperider, Jacki <[Jacki.Cooperider@Illinois.gov](mailto:Jacki.Cooperider@Illinois.gov)>  
**Cc:** Khairallah, Carlos <[Carlos.Khairallah@Illinois.gov](mailto:Carlos.Khairallah@Illinois.gov)>  
**Subject:** FW: Draft denial for Prairie Hill leachate evaporator

FYI

Tom

---

**From:** Hey, Joshua <[jhey@wm.com](mailto:jhey@wm.com)>  
**Sent:** Thursday, April 18, 2024 8:13 AM  
**To:** Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>  
**Subject:** [External] RE: Draft denial for Prairie Hill leachate evaporator

Hi Tom,

Following up to let you know that we will not be withdrawing the application, just in case you were waiting on us to do so to before issuing the denial. We are likely going to appeal the decision.

As a point of clarification and to avoid confusion, the siting body for Prairie Hill is the County of Whiteside, not the Village of Morrison as indicated in the draft denial.

Thank you!

**Joshua Hey, P.E.**  
**Engineer**  
DeKalb, Prairie Hill, and Orchard Hills Landfills  
[jhey@wm.com](mailto:jhey@wm.com)  
224-545-2229

18370 Somonauk Road  
DeKalb, IL 60115



---

**From:** Hubbard, Thomas <[Thomas.Hubbard@Illinois.gov](mailto:Thomas.Hubbard@Illinois.gov)>  
**Sent:** Thursday, April 11, 2024 11:49 AM  
**To:** Hey, Joshua <[jhey@wm.com](mailto:jhey@wm.com)>  
**Cc:** Cooperider, Jacki <[Jacki.Cooperider@Illinois.gov](mailto:Jacki.Cooperider@Illinois.gov)>  
**Subject:** [EXTERNAL] Draft denial for Prairie Hill leachate evaporator



Joshua,

As we discussed, here's a draft of the denial letter. Note that the section manager has not seen it yet, so there could be changes to the wording. Let me know if you decide to withdrawal the application.

Regards,

Thomas W. Hubbard, P.E.  
Manager, Disposal Alternative Unit  
Permit Section/Bureau of Land  
217-524-3286  
[Thomas.hubbard@illinois.gov](mailto:Thomas.hubbard@illinois.gov)



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[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]





# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

217/524-3301

CERTIFIED MAIL R 000169  
RETURN RECEIPT REQUESTED

JUN 18 2024

9589 0710 5270 0477 0573 37

OWNER

County of Whiteside  
Attn: Mr. Russell Renner  
200 East Knox Street  
Morrison, Illinois 61270

OPERATOR

Waste Management of Illinois, Inc.  
Attn: Mr. Joshua Hey  
18762 Lincoln Road  
Morrison, Illinois 61270

Re: 1950350014 -- Whiteside County  
Prairie Hill RDF (Leachate STPR)  
Log No. 2024-014  
Permit Storage/Treatment 807 File – 03R  
Permit Denial

Dear Mr. Renner and Mr. Hey:

This will acknowledge receipt of your permit application to accept offsite leachate from other Waste Management operated facilities for treatment in the leachate evaporator at the above-referenced solid waste management site, dated January 12, 2024 and March 19, 2024, and received by the Illinois EPA on January 17, 2024 and March 20, 2024.

Your permit application to accept leachate from other Waste Management facilities for disposal in the leachate evaporator is denied.

You have failed to provide proof that granting this permit would not result in violations of the Illinois Environmental Protection Act (Act). Section 39(a) of the Act [415 ILCS 5/39(a)] requires the Illinois EPA to provide the applicant with specific reasons for the denial of permit. The following reason(s) are given:

The Illinois Environmental Protection Act (Act), Section 3.330(b)(3) states that a new pollution control facility is “a permitted pollution control facility requesting approval to store, dispose of, transfer or incinerate, for the first time, any special or hazardous waste.” Prairie Hill Landfill is proposing using a treatment facility (leachate evaporator) that would be accepting leachate, which is a special waste, from other facilities for the first time. Therefore, proof of local siting approval for a new treatment facility, granted by the County of Whiteside, shall need to be submitted to the Illinois EPA before the leachate evaporator can be approved.

2125 S. First Street, Champaign, IL 61820 (217) 278-5800  
115 S. LaSalle Street, Suite 2203, Chicago, IL 60603  
1101 Eastport Plaza Dr., Suite 100, Collinsville, IL 62234 (618) 346-5120  
9511 Harrison Street, Des Plaines, IL 60016 (847) 294-4000

595 S. State Street, Elgin, IL 60123 (847) 608-3131  
2309 W. Main Street, Suite 116, Marion, IL 62959 (618) 993-7200  
412 SW Washington Street, Suite D, Peoria, IL 61602 (309) 671-3022  
4302 N. Main Street, Rockford, IL 61103 (815) 987-7760

Page 2

The applicant may appeal this final decision to the Illinois Pollution Control Board pursuant to Section 40 of the Act by filing a petition for a hearing within 35 days after the date of issuance of the final decision. However, the 35-day period may be extended for a period of time not to exceed 90 days by written notice from the applicant and the Illinois EPA within the initial 35-day appeal period. If the owner or operator wishes to receive a 90-day extension, a written request that includes a statement of the date the final decision was received, along with a copy of this decision, must be sent to the Illinois EPA as soon as possible.

For information regarding the request for an extension, please contact:

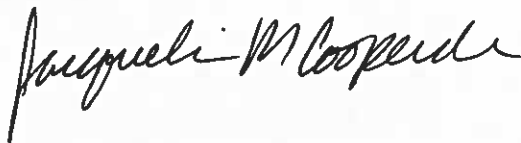
Illinois Environmental Protection Agency  
Division of Legal Counsel  
1021 North Grand Avenue East  
Post Office Box 19276  
Springfield, IL 62794-9276  
217/782-5544

For information regarding the filing of an appeal, please contact:

Illinois Pollution Control Board, Clerk  
State of Illinois Center  
100 West Randolph, Suite 11-500  
Chicago, IL 60601  
312/814-3620

Should you wish to reapply or have any questions regarding this application, please contact Carlos Khairallah at 217/557-1435.

Sincerely,



Jacqueline M. Cooperider, P.E.  
Permit Section Manager  
Bureau of Land

JMC:TWH:CGK\1950350014-STPR-2024014DEOP-2024014-Denial

cc: Joshua D. Hey, P.E. – Waste Management of Illinois, Inc.