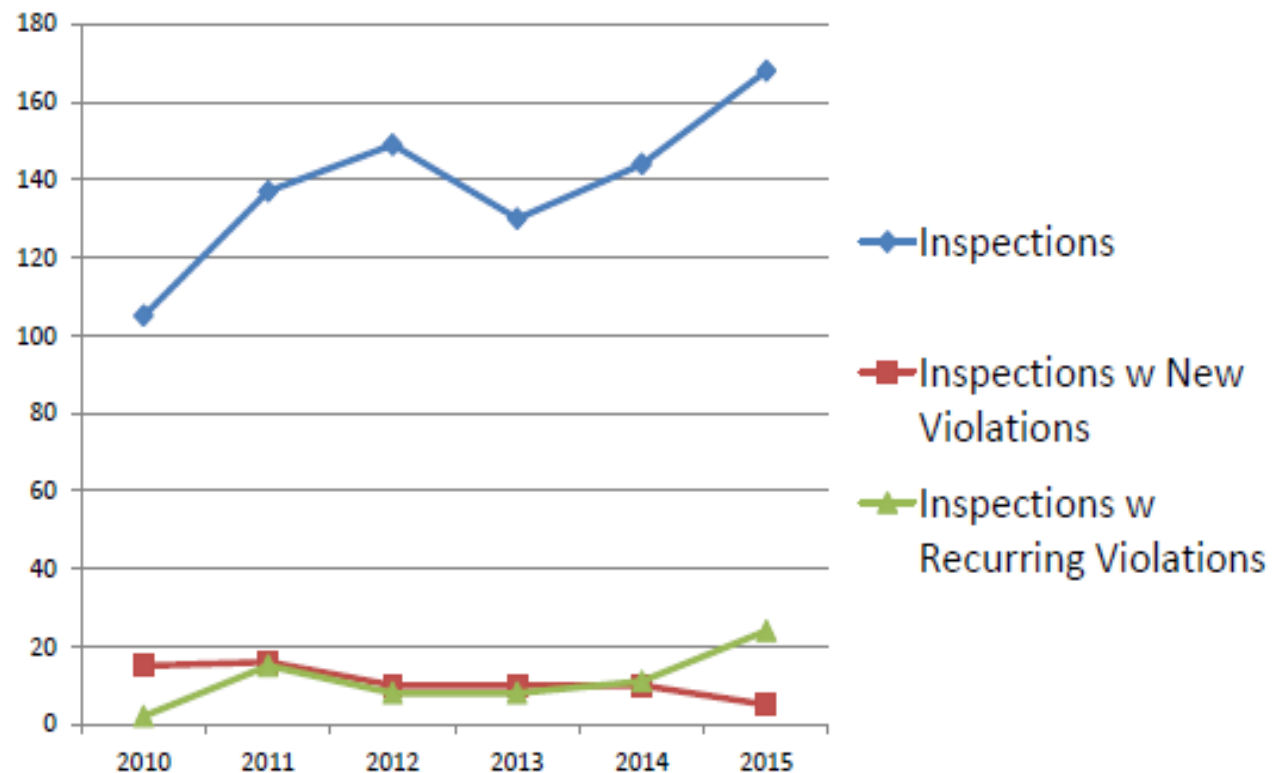




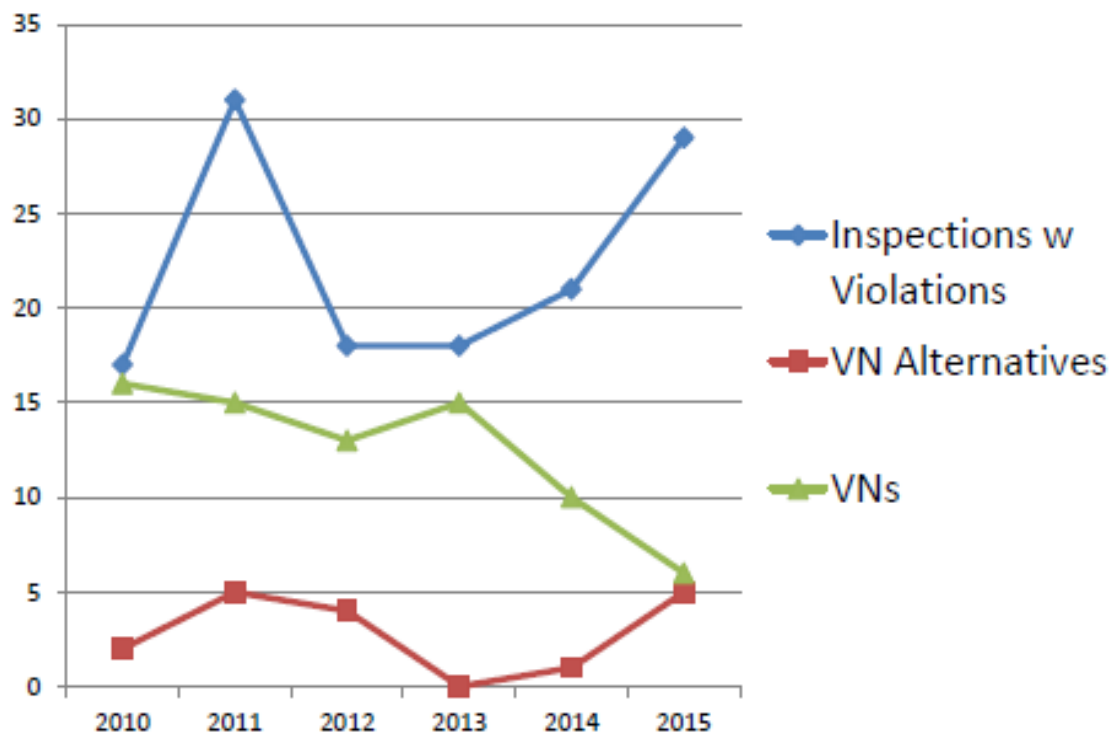
**Clean Construction and  
Demolition Debris  
And Uncontaminated Soil  
Fill Operations**

# CCDD Trends



	2010	2011	2012	2013	2014	2015
Inspections	105	137	149	130	144	168
Inspections New Violations	15	16	10	10	10	5
Inspections Recurring Violations	2	15	8	8	11	24

# Enforcement Response to Inspections with Violations



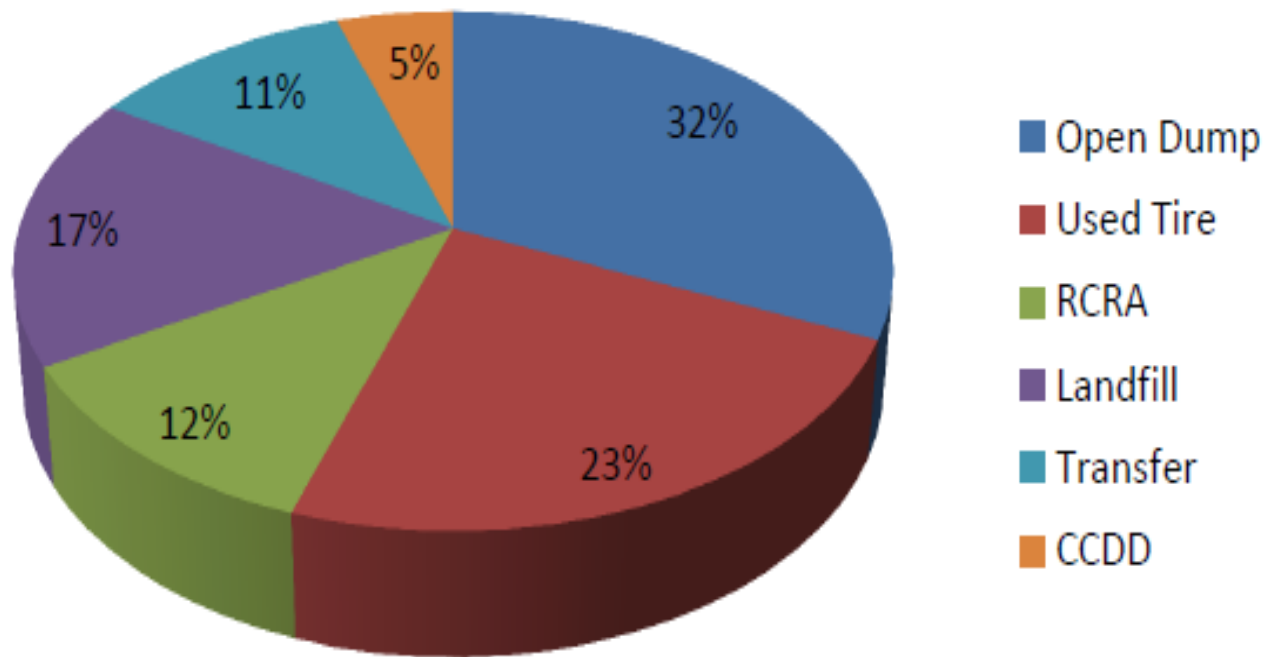
VN =

Violation Notice

VN Alternatives =

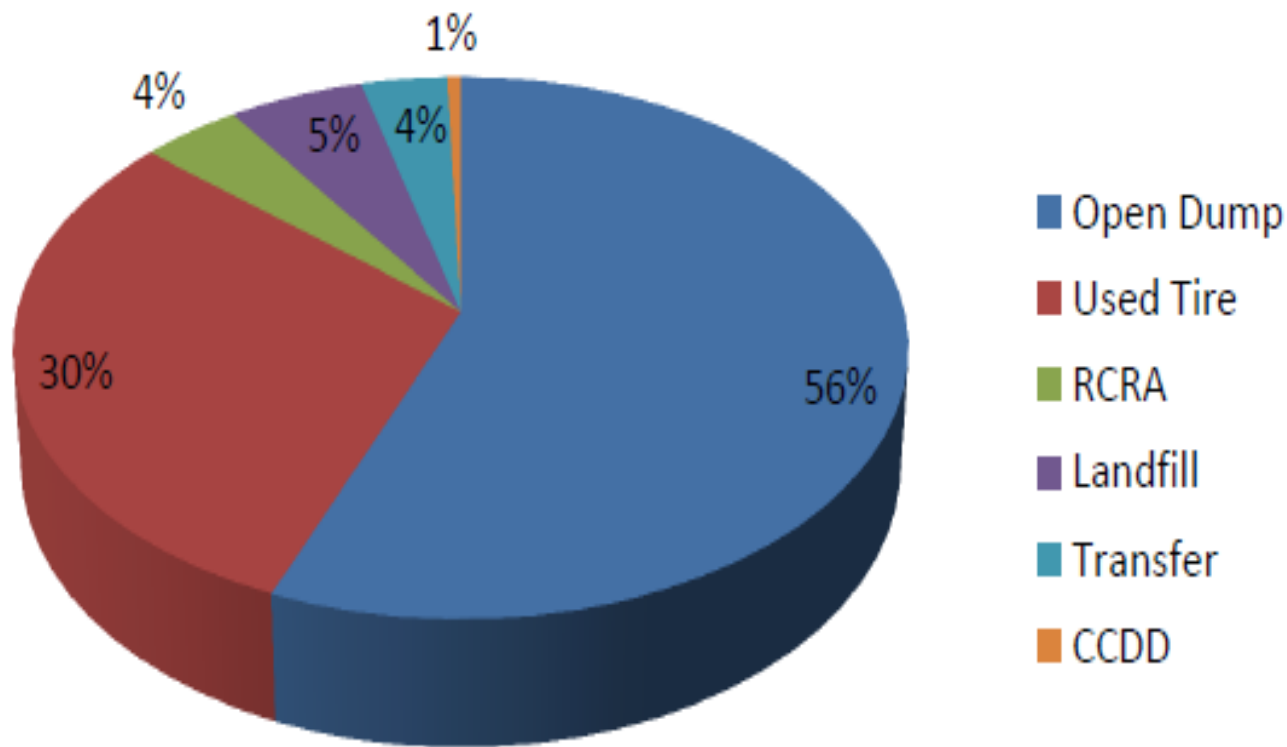
Administrative Citation Warning Notices (ACWN) or  
Non-Compliance Advisories (NCA)

# Bureau of Land Inspections by Facility Type Calendar Year 2015

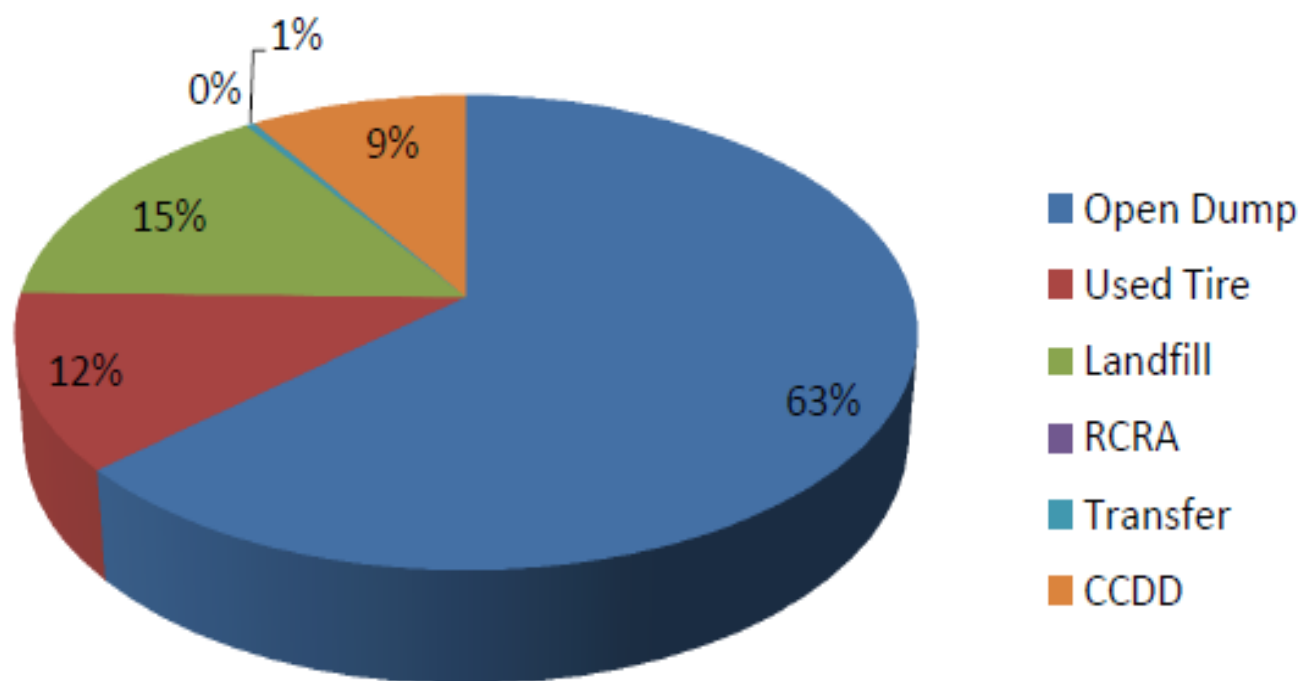


# New Violations by Facility Type

## Calendar Year 2015



# Recurring Violations by Facility Type Calendar Year 2015



# IEPA Field offices

1. Rockford 815-987-7760
2. Des Plaines 847-294-4000
3. Peoria: 309-671-3022
4. Champaign 217-278-5800
5. Springfield 217-782-0243
6. Collinsville 618-346-5120
7. Marion 618-993-7200

**PERMIT Questions:  
217-524-3300**



# Epa.illinois.gov

Go to search engine and search for  
“CCDD”

“FAQ” page was last updated on April  
13, 2015.

- FAQ's
- Forms
- Regulations



Type in "CCDD"

The image is a screenshot of a web browser displaying the Illinois Environmental Protection Agency (IEPA) website. At the top, the browser's address bar shows the URL <http://www.epa.illinois.gov/>. The browser's menu bar includes "File", "Edit", "View", "Favorites", "Tools", and "Help". The address bar contains several tabs: "Illinois Environmental Prote...", "Bing Maps", "State of Illinois Enterprise...", "Google News", and "Home - Field Operatio...".

The website header features the text "Illinois Environmental Protection Agency" on the left and navigation links "CONTACT US", "SERVICES MAP", and "FORMS" on the right. Below the header is a horizontal menu with categories: "Citizens", "Business", "Government", "Educators", and "About IEPA". A search bar labeled "Search" is located on the right side of this menu and is circled in red. A red arrow points from the text "Type in 'CCDD'" above to this search bar.

The main content area features a large banner image of a construction site with a yellow tracked bulldozer and a worker in a hard hat and safety vest. A green banner across the top of the image reads "Welcome to the New Illinois EPA Website". Below the image is a "Navigation Tips" button and a set of four circular navigation indicators. The bottom right corner of the browser window shows a zoom level of "100%".

- (Approx.) 80 currently permitted CCDD fill operations
- Almost all located in Regions 1 and 2 (northern 1/3 of Illinois), due to geology and population centers.
- (Approx.) 22 Registered Uncontaminated Soil Fill Operations.

# What IS CCDD?

*“Uncontaminated broken concrete without protruding metal bars, bricks, rock, stone, reclaimed or other asphalt pavement, or soil generated from construction or demolition activities.” \**

\*415 ILCS 5/3.160(b)



# What is NOT CCDD (includes but is not limited to):

- Wood
- Metal
- Drywall
- Plaster
- Pipes
- Paper
- Wiring
- Shingles
- Landscape waste



Mattresses, wood, metal are NOT CCDD

**When is CCDD/soil NOT regulated?**



**This material is clean CCDD-NOT placed in a quarry, mine, or other excavation; and is placed below the surrounding grade elevation.**

A hillside



Uncontaminated soil placed above grade is NOT regulated because it is NOT part of the definition of CCDD found in the Act **as long as the soil is not mixed with CCDD.**

CCDD placed above the level of the highest surrounding grade IS regulated under other sections of the Regulations in some circumstances.

# YOUR PERMIT

- Regulatory document specific to your site
- What is listed in your application is approved in total
- Is based on your application, the Statutes, and the Regulations (a “one stop shop”)

(continued...)



- Should accurately reflect activities and conditions at YOUR specific fill operation
- A change in ownership must be reflected in the permit.

**WE SHOULD HAVE NO SURPRISES!**

- Should be reviewed regularly
- Best practice is to make all employees familiar with the document

Several permits are due to expire in the next couple of years:

- An application for renewal of a permit **MUST** be filed at least 90 days prior to the expiration date (this is a regulatory requirement).

When a timely and sufficient application has been made, the existing permit conditions will continue.



**Common concerns  
in the field**

# • OPERATING HOURS

- Governed by your permit
- **IMPORTANT:** Hours are typically based on what is requested in the permit application.
- Don't forget local ordinances – for example...zoning rules!

# Things happen:

- Deadlines
- Emergencies
- Weather
- Holidays

If you must open early/stay open late, make a record of it with the reason; keep the record available for 3 years.\*

\* This requirement is typically part of a permit condition.

**If you think you should call us,  
you probably should!**

**Call your regional office if  
activities are unusual and  
could generate a “complaint”  
call.**

# Examples of when to call the regional office:

- Unusual weather events causing noticeable problems offsite;
- Mud – tracking and what you are doing about it;
- Fire;
- Spills;
- Temporary large piles of concrete or rebar.

The “three year” rule:

ALL records must be kept available for a minimum of THREE years *at the facility* or at another location SPECIFIED IN THE PERMIT.....

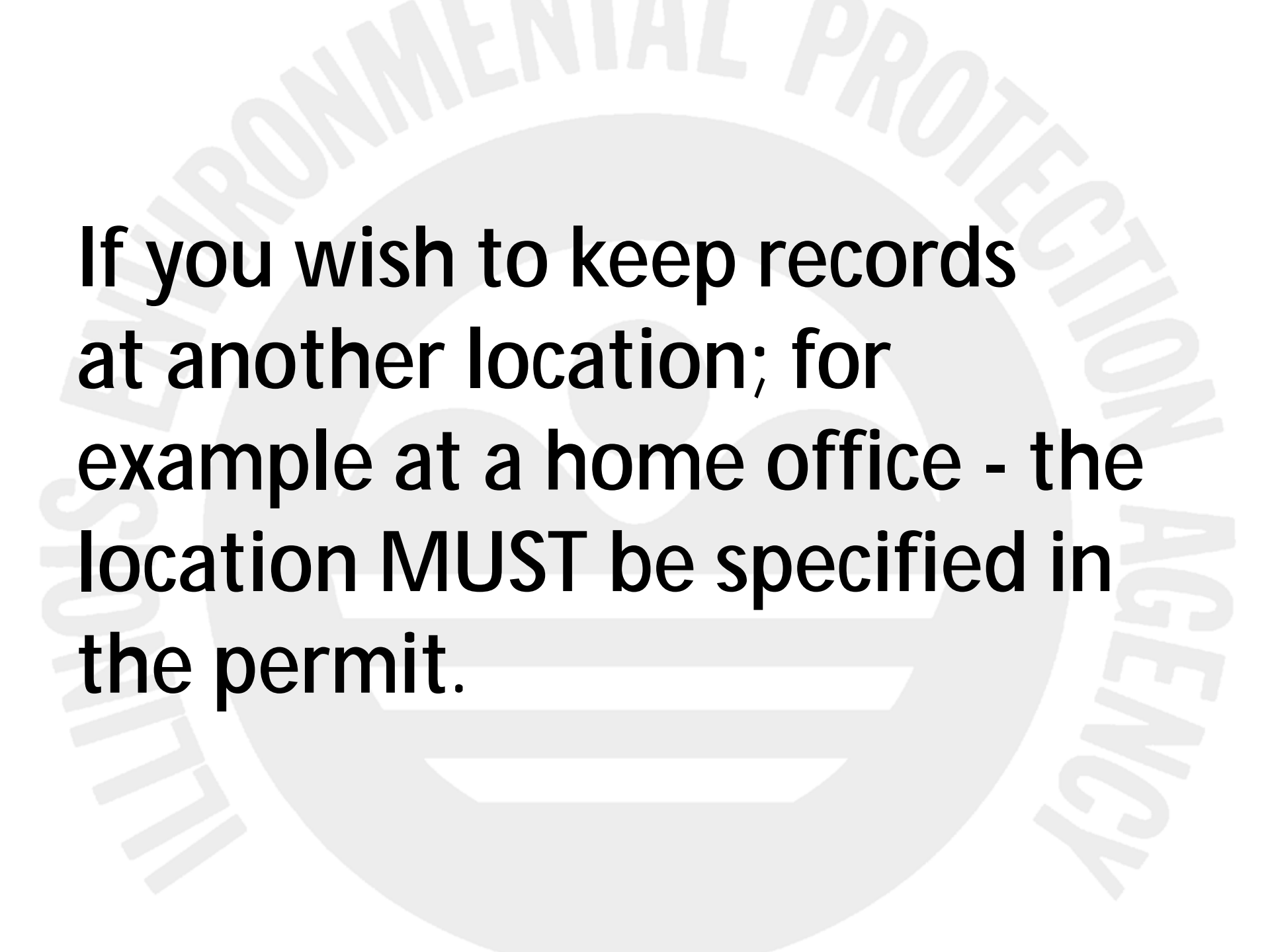


**It is permissible to keep and store records digitally:**

- **As long as they are available during normal business hours at the facility at the request of IEPA personnel.**

**This includes (but is not limited to):**

- **Permits**
- **Quarterly reports**
- **Annual reports**
- **Employee training records**
- **Any other information submitted to the Agency**



**If you wish to keep records at another location; for example at a home office - the location **MUST** be specified in the permit.**

# Load checking:

(BEFORE the load is dumped in the fill area)

## Requirements:

- Must be completed at the disposal facility (**not** at the demo/construction site)
- Visual (on an elevated or other designated ground level inspection area as specified in the permit);
- Do NOT forget the required random load inspection each day you are open for business!

- A camera may be used to view the material, as long as there is a sign posted near the entrance to the facility designating the use of cameras.

ENVIRONMENTAL PROTECTION



MAY 3 2006

- With an instrument (regulatory requirement to be a photo-ionization detector or flame ionization detector)

The Agency strongly suggests keeping calibration records as these instruments **must be used according to manufacturer's specifications.**

Also, anything above "background" makes the entire load unacceptable so make sure you have a true background reading.



Example of checking a load with a PID – this facility made an instrument for the load checker to “poke holes” into the material





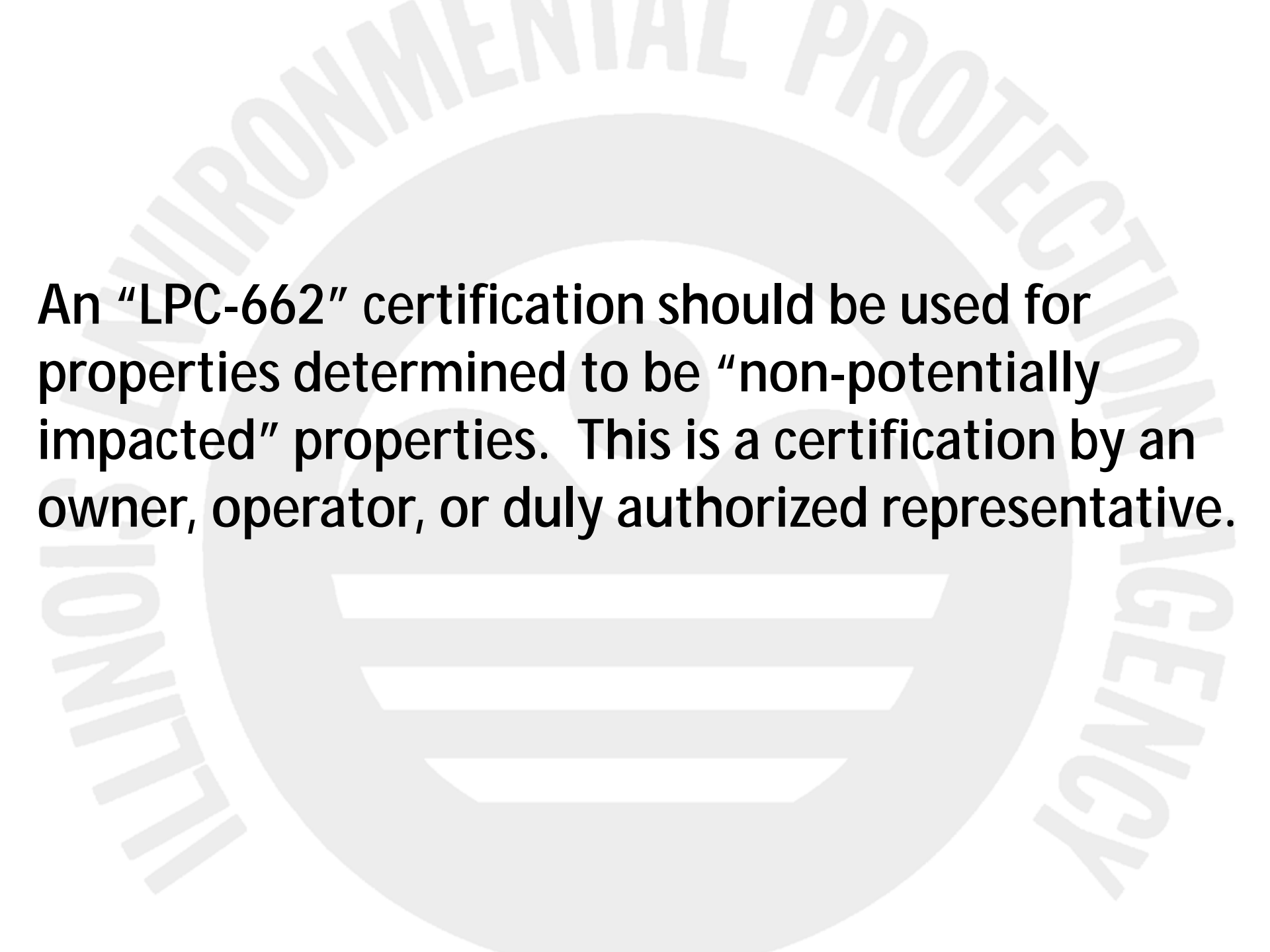
## Issues in the field:

- Trucks driving quickly through the testing area.
  - Trucks have to STOP
  - Testing takes at least 60 seconds!
- Testing taking place directly in line with truck exhaust.  
**MAKE SURE THE PROBE – AND YOUR FACE – ARE OUTSIDE OF THE EXHAUST.**
- Holding the probe too far away from the material.  
**THE PROBE SHOULD BE WITHIN AN INCH OF THE MATERIAL.**

ALL soil.... **Including soil mixed with CCDD** MUST Be accompanied by a CERTIFICATION document.

A “potentially impacted property” is a property on which a historical or current use, or contaminant migration from a proximate site, increases the presence or potential presence of contamination at the source site. – this is a REGULATORY definition.

The use of site assessment standards incorporated at 35 IAC 1100.104 should be used as guidance for this determination.



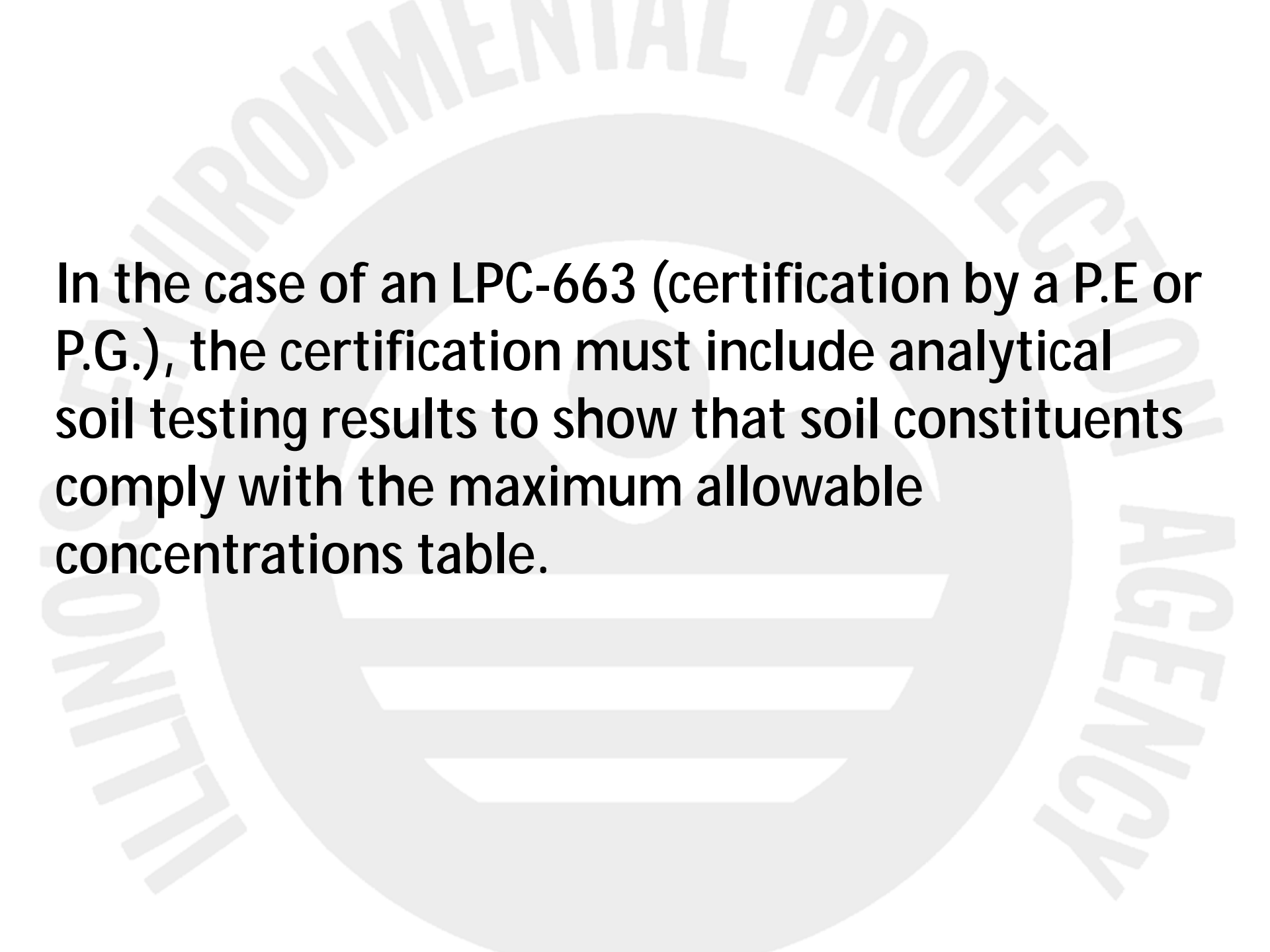
**An “LPC-662” certification should be used for properties determined to be “non-potentially impacted” properties. This is a certification by an owner, operator, or duly authorized representative.**

An "LPC-663" certification is required for properties determined to be **"potentially impacted properties"**

This document must be certified by a P.E. or P.G.

**In either case, the certification must include soil pH testing results to show the soil pH is within the range of 6.25 to 9.0.**

**The Agency heavily relies on proper professional due diligence by the disposal facility.**



**In the case of an LPC-663 (certification by a P.E or P.G.), the certification must include analytical soil testing results to show that soil constituents comply with the maximum allowable concentrations table.**

## LPC-662:

- “Non-impacted property;”
- Must be signed by owner, operator, or duly authorized representative;
- Analytical results not required but helpful.

## LPC-663

- “Potentially impacted property;”
- Must be signed and certified by an Illinois licensed Professional Engineer or Illinois licensed Professional Geologist;
- Analytical results are required and must be available on site.

BOTH require a certification the pH is within the range of 6.25 to 9.0.

## Issues in the field:

- Information is not available
- Information is incomplete
- Forms not signed!!!
- Forms not completely filled out (write something in each space on the form, even if it is "NA" or "not applicable")
- Information is disorganized



## **SITE SECURITY:**

**CCDD and/or Uncontaminated soil fill operations MUST be kept secure at all times.**

## **ISSUES IN THE FIELD:**

- **Gates left open and no one is present;**
- **Abandoned, closed sites (more about closure later);**
- **Seasonally closed, unsecured sites (check on them occasionally)**

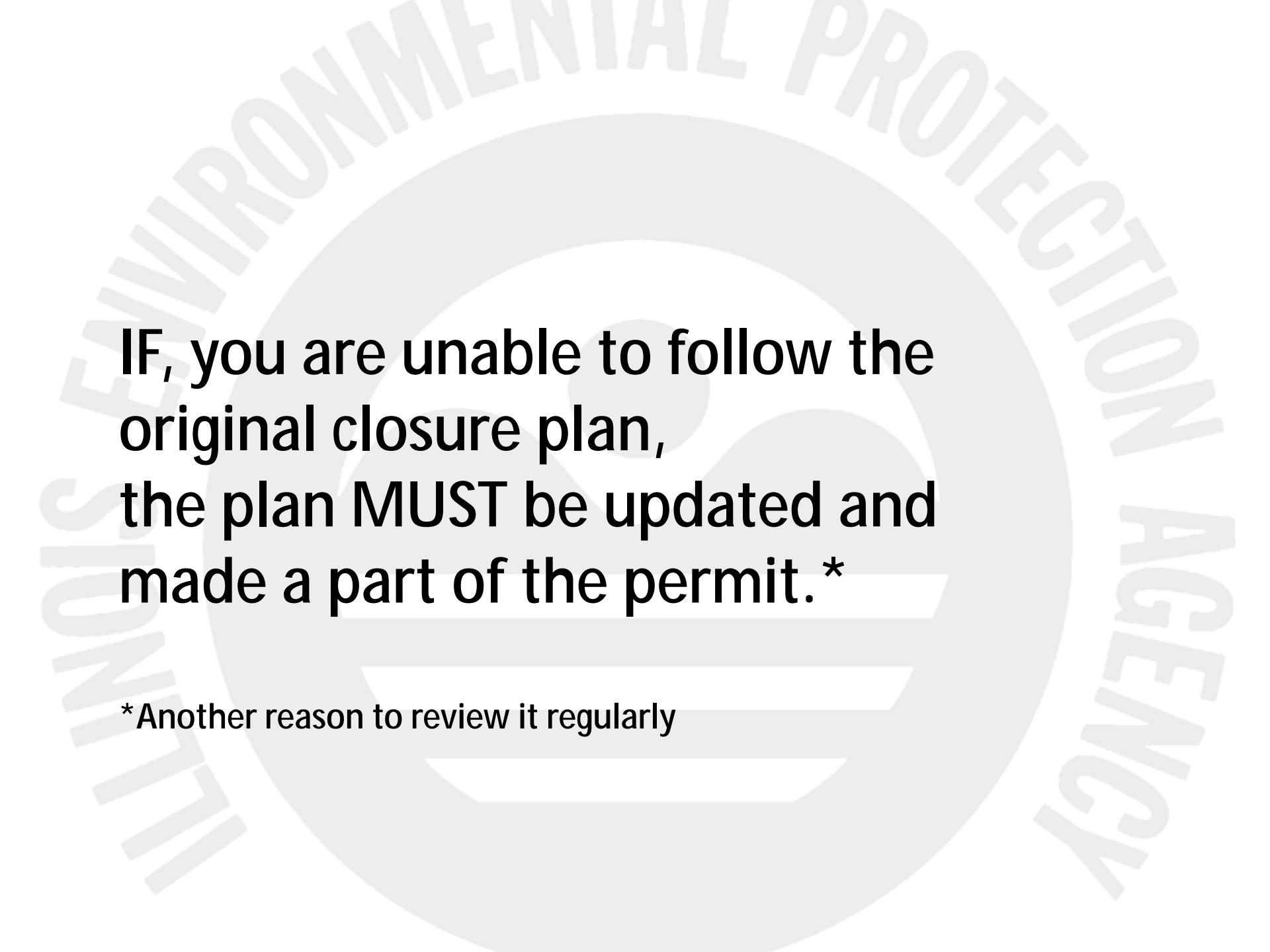
# WHAT IF YOU HAVEN'T ACCEPTED ANYTHING FOR A YEAR?

- **IF YOU HAVE REMAINING CAPACITY**, and wish to remain in the fill business, you must ask for an extension through the permit process to remain in operation (very simple).
- **THE ALTERNATIVE:** Close the facility in accordance with your closure plan. The goal is to obtain a closure certification.

(continued...)

**If you have NO remaining capacity:  
You must begin closure activities within  
30 days of the acceptance of your final load  
of material.**

**Your closure plan was submitted with your  
permit application and was approved when  
your permit was issued.**

The background of the slide features a large, light gray watermark of the Illinois Environmental Protection Agency logo. The logo consists of a circular emblem with a stylized sun or gear-like shape in the center, surrounded by the text "ILLINOIS ENVIRONMENTAL PROTECTION AGENCY" in a circular arrangement.

**IF, you are unable to follow the original closure plan, the plan MUST be updated and made a part of the permit.\***

**\*Another reason to review it regularly**

# Load rejection procedures



## Illinois Environmental Protection Agency

Bureau of Land • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

### Clean Construction or Demolition Debris Facility and/or Uncontaminated Soil Fill Operation Load Rejection Form

**NOTE: Please complete this form online, save a copy locally and submit via email to [epa.ccddreject@illinois.gov](mailto:epa.ccddreject@illinois.gov) or by FAX at 217 557-4231. Thank you for your cooperation.**

The completion of all fields on this form is mandatory.

- Check One:  Clean Construction or Demolition Debris Facility (CCDD)  
 Uncontaminated Soil Fill Operation (USFO)

#### CCDD Facility Information

CCDD/USFO Facility Number: \_\_\_\_\_ (10 digit number limit)

CCDD/USFO Facility Name: \_\_\_\_\_

Compliance File

Address: \_\_\_\_\_

City: \_\_\_\_\_

Zip: \_\_\_\_\_

Phone #: \_\_\_\_\_

Date of Inspection/Rejection: \_\_\_\_\_

Time: \_\_\_\_\_

Ticket #: \_\_\_\_\_

CCDD/USFO Inspector Company Contact Name: \_\_\_\_\_

CCDD/USFO Inspector Company Contact Phone: \_\_\_\_\_

#### Hauler Information

Hauler Company: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

Zip: \_\_\_\_\_

Driver Name: \_\_\_\_\_

License plate number of power unit: \_\_\_\_\_

Company Truck #: \_\_\_\_\_

#### Source / Generator Information

Source/Generator of fill material: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

Zip: \_\_\_\_\_

Source/Generator Phone: \_\_\_\_\_

Photo Ionization Detector (P.I.D.) reading of: \_\_\_\_\_

The following items were detected in your truckload (check all that apply):

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Wood or Wood Products                  | <input type="checkbox"/> Glass                                     | <input type="checkbox"/> Piping                         |
| <input type="checkbox"/> Vegetation                             | <input type="checkbox"/> Plastic                                   | <input type="checkbox"/> Metal                          |
| <input type="checkbox"/> Odors                                  | <input type="checkbox"/> Electrical Wiring                         | <input type="checkbox"/> Concrete with Protruding Rebar |
| <input type="checkbox"/> Other (if other, please specify below) | <input type="checkbox"/> pH (outside acceptable range of 6.25 - 9) |   |

CCDD/USFO Inspector: \_\_\_\_\_

Date: \_\_\_\_\_

IL 532-2892

LPC 655 8/2012

# Use of Painted CCDD as Fill Material:

- May be used as fill material if it is evaluated under the supervision of a P.E. or P.G. and all requirements are satisfied.
- Acceptance or management for any purpose other than use as fill material at a CCDD fill operation may require permits or may otherwise be regulated by the Agency (for example: processing for reuse).

## Painted CCDD (continued)...

- **Must have a completed LPC – 667 form on file**
- **MUST be signed by a P.E. or P.G. (no exceptions)**

## Painted CCDD (continued)...

The P.E. or P.G. is certifying one of the following:

- a) Representative samples of all paint have been collected and analyzed demonstrating the paint meets Class I groundwater quality standards for certain heavy metals; or.....

NOTE: sampling results must be available with the LPC-667 form.



## Painted CCDD (continued)...

- b) The painted CCDD is limited to broken concrete, asphalt pavement, or other roadway CCDD with **exclusively pavement markings** in compliance with IDOT specifications for pavement markings.

# Annual/Quarterly reports

- Should be mailed as long as the facility is not certified closed whether or not the facility accepted CCDD and/or soil
  - no exceptions
- Should NOT be mailed together

# IEPA Field Office phone numbers

- 1. **Rockford** 815-987-7760
- 2. **Des Plaines** 847-294-4000
- 3. **Peoria:** 309-671-3022
- 4. **Champaign** 217-278-5800
- 5. **Springfield** 217-782-0243
- 6. **Collinsville** 618-346-5120
- 7. **Marion** 618-993-7200

**PERMIT Questions:  
217-524-3300**

