

Management of “Other” Wastes at CT Dept. of Correction

Presented by

Rich Pease (860) 692-7562

***DEEP Hazardous Waste Advisory
Committee***

October 16, 2014



CT Dept of Correction

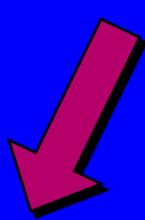


- Suffield
- Cheshire
- Enfield
- Newtown
- New Haven
- Bridgeport
- Montville
- Somers
- Hartford
- Brooklyn
- **Niantic**

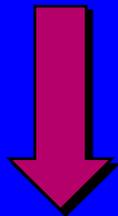
Inmates = 16,579

Staff = 5,168

CLASSIFYING WASTES



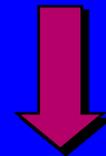
HAZARDOUS



Fully RCRA regulated



NON-HAZARDOUS



Not subject to
RCRA but Still
Regulated

The Forgotten Wastes

- Paint
- Universal Waste
 - Light Bulbs
 - Batteries
 - Used Electronics
- Used Oil
- CT Regulated Waste

Paint



Paint



Paint



CleanPak
1-800-CUBIC-YD

UN 13H4 / X / 09 13 /
USA / +AA7402 /
2600 / 1383

Set up Instructions

- A. Stand CleanPak upright
- B. Open CleanPak until square
- C. When full, gather flaps, twist clockwise one full revolution, and secure closed with standard cable tie, minimum 8" length
- D. Close CleanPak flaps across top and secure with attached polypropylene 1/2" bar

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Find a Drop-Off Site

About the Site Locator

Products We Accept

How to Recycle

Find a Site

Location:

06118

Search

ENTER: Zip Code (e.g., 94110) OR City, State (e.g., "Hartford, CT")
OR Street Address (e.g., "123 Main St, Portland, OR")



1 [Katz Hardware](#)
Glastonbury , 2.25 Mi.

2 [Sherwin-Williams](#)

Light Bulbs



UNIVERSAL WASTE

NON-HAZARDOUS WASTE

BERGMAN

UNIVERSAL WASTE STORAGE AREA

SYLVANIA Fluorescent UNIVERSAL WASTE

SYLVANIA Fluorescent UNIVERSAL WASTE

G UNIVERSAL WASTE

SYLVANIA Fluorescent UNIVERSAL WASTE

UNIVERSAL WASTE

NON-HAZARDOUS WASTE

NLR LAMPS 888.657.5267

NLR LAMPS 888.657.5267

Light Bulbs

USED
LAMPS
Lámparas Usadas

No Romper
AVOID BREAKAGE

toll free **877.8.2bgreen**

NLR, Inc.
250 Main Street
PO BOX 680
East Windsor, CT 06088
toll free 877.822.4733
www.nlr-green.com

Services Available For: eWaste • Batteries • Ballasts • Mercury Devices

UNIVERSAL WASTE

CONTENTS USED LAMPS
MWC/

ACCUMULATION START DATE 8/26/09

SHIPPER MDOC

ADDRESS 1153 E. ST. SOUTH

CITY, STATE, ZIP SUDBURY, CT 06488

BRICKY-SIGMARK® DIV

 **NLR**
Keeping Mercury Out of Our Environment

LAMPS
Lámparas Usadas

KEEP DRY

888.657.5...

Recycling Services Available For: Batteries • Computer

Batteries



Ni Cad Batteries

You can
RECYCLE your
rechargeable **BATTERIES** and
CELL PHONES
here!



Ask for details
at this location.

Recharging the planet. Recycling your batteries.™

call2recycle®

In some states it is illegal to put portable rechargeable batteries and cell phones in the trash:
- States with Ni-Cd/Pb battery disposal laws: PA, VA, ME, MD, MN, NJ, NH, VT
- States with disposable bans covering all types of used batteries: AZ, AR, CA, CT, FL, IL, IN, IA, KY,
LA, ME, MN, MS, MO, NC, ND, NE, NH, NM, OH, PA, SC, SD, TN, UT, VT, WA, WI, WV, WY
- State and city with disposal ban covering all types of rechargeable batteries: CA, city of New York
- States with cellular phone disposal ban: CA, ME, NH

call2recycle.org

100% recyclable content (not including up to 80% Post Consumer Fiber)

Used Electronics



Used Oil



Used Oil



Roth

Used Oil



Roth

Used Oil

Used Oil



Roth

Used Oil

Used Oil

Roth

Used Oil



Connecticut Regulated Wastes

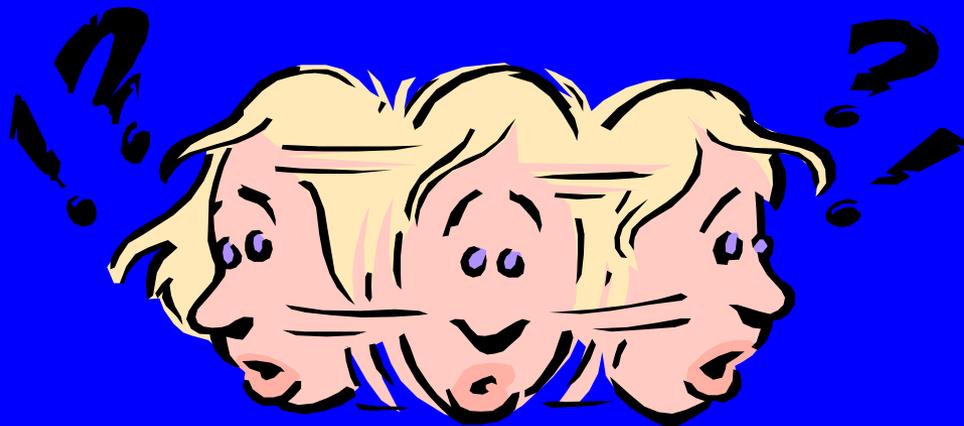
- CR01 Waste PCBs
- CR02 Waste Oil
- CR03 Waste Water Soluble Oil
- CR04 Waste Chemical Liquid
- **CR05 Waste Chemical Solid**

How Are They Regulated?

- CT General Statute 22a-454:
 - ...nor shall any person, municipality or regional authority dispose of waste oil or petroleum or chemical liquids or waste solid, liquid or gaseous products or hazardous wastes without a permit from the commissioner.

How Are They Regulated?

- “Although there are no specific requirements for generators of these wastes, they must be managed properly and stored in an environmentally safe manner.”



CR05 Waste Chemical Solid

- Any chemical solid or semi-solid from a commercial, industrial, agricultural or community activity. These wastes may include, but are not limited to, grinding dusts, tumbling sludges, scrap plastic and rubber flash, and other ground or chipped waste solid.

CR05 ?



CR05 ?



CR05 ?



CR05 ?



CR05 ?



CR05 ?



CR05 UniBin



NONHAZARDOUS MATERIALS
DISPOSAL OF UNAUTHORIZED PRODUCTS MAY
BE A VIOLATION OF FEDERAL LAW

UNITED INDUSTRIAL SERVICES
DIVISION OF UNITED OIL RECOVERY, INC.

ACCEPTABLE FOR DISPOSAL IN THERMAL
RECYCLING PROGRAM:

- ◆ OILY ABSORBENTS
- ◆ OILY CARDBOARD
- ◆ OILY RAGS
- ◆ OILY SLUDGE
- ◆ FLOOR SWEEPINGS
- ◆ SEPARATOR DEBRIS

888-276-0887

CR05 UniBin



CR05 ?



PROJECTS

“Special Waste”

...means the following wastes, so long as they are not hazardous waste pursuant to Section 22a-115 of the Connecticut General Statutes (CGS) or radioactive material subject to CGS Section 22a-148: (1) water treatment, sewage treatment or industrial sludges, liquid, solids and contained gases; fly-ash and casting sands or slag; and contaminated dredge spoils; (2) scrap tires; (3) bulky waste; (4) asbestos; (5) residue; and (6) biomedical waste.

CT Regulated Waste = Special Waste ?

- CR05
 - Any chemical solid or semi-solid from a commercial, industrial, agricultural or community activity. These wastes may include, but are not limited to, grinding dusts, tumbling sludges, scrap plastic and rubber flash, and other ground or chipped waste solid.

Special Waste Disposal

- Landfill
 - Manchester Municipal Landfill*
- Resources Recovery Facilities
 - Covanta, Preston*
 - Wheelabrator, Bridgeport *
 - CRRA, Hartford
 - Covanta, Bristol *
 - Covanta, Wallingford*
 - Wheelabrator, Lisbon*

***Special Waste Handling Plan**

Special Waste Disposal Authorization

- Make Prior Arrangements With the RRF
- Test Waste for RCRA Constituents
- Fill Out Application
- Send Application to RRF for Signature
- Complete Applicant Compliance Information
- Submit Application to DEEP With \$660

Special Waste Disposal Authorization DEEP Review

- Preliminary Review
- Technical Review
- Air Bureau Review

- 30 Day Process Time
- Authorizations Good for 1 Year

Special Waste Shipment

- Separate From MSW
- Hauler Transports Separately to Landfill or RRF With a Special Waste Plan or SWDA
 - Waste Profiling Requirements
 - Requirements for Review, Approval and Scheduling of Shipments
 - Waste Screening
 - Operating Procedures
 - Operating Records and Reports

DOC CR05 Wastes (CRRA Hartford)

- Speedy-Dri
- Auto Body Dust/Debris
- Boiler Soot
- Filter Paper
- Spray Booth Debris
- White Cloth Rags
- Boiler Slag
- Graphics
- Vinyl Plate
- Empty Ink Cartridges
- Sand Blast Grit
- Absorbent Pads
- Cooling Tower Sludge
- Dental Stone
- Latex Gloves
- Spray Booth Filters
- Parts Washer Filter
- Carpentry Debris
- Graphics Chip Board
- Graphics Film
- Boiler Filters

Special Waste = \$18,400

CR05 = \$6,400

Cost Savings = \$12,000/Yr.

CR05 UniBin



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888-276-0887

Where Do We Go From Here?



- How do Others Handle CR05 Waste?
- Do the Inspectors Find Mis-Management of CR05 Waste?
- How can we Make it Easier for CR05 Wastes to be Burned at CT RRFs?



Questions ?

