

Hints on Filling out Radioactive Waste Container Summary

Please only one Radionuclide per sheet

- Please put only ONE container in each “Container Type” box. Also specify size of container (i.e. 5 gallon carboy (jug)) and ID number if you have more than one container of the same type.
- When selecting “Type of Waste” use table at bottom of form. Put only one waste type in each container.
- RSO#- Each Rad order is given an RSO#. They are found on the Waste Disposal Report Form that is delivered with the order. ALL RSO #'s that have any activity in that container must be listed.
- Radioactivity = total amount in mCi from each RSO #
- Properties of Waste = *Liquid or Solid*, pH if applicable, chemical ingredients, and any other helpful info or notes

| TO BE COMPLETED BY USER | | | | | | TO BE COMPLETED BY EHS | | | |
|--|----------------|--------|----------------------|--------------------------------------|--|------------------------|--------------|--------------|------------------|
| Container Type (Bucket, bag, carboy, etc.) | Type of Waste* | RSO#'s | Radio-activity (mCi) | Is RSO# totally disposed of (Y or N) | Properties of waste (pH, chemical ingredients, etc.) | Container Number | Weight (lbs) | Waste Number | Storage Location |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

If you have any more questions please don't hesitate to call us at 766-3697.

Example Form

WASTE DISPOSAL REPORT FORM

Isotope: H-3

Licensee Doc, John

License No:

RSO#: 9800550

Compound: Estradiol

Lot : 3467-623

Receipt Date : 06/18/2001 Starting Amount (mCi): 0.25000

| Entry No. | Date | Disposal Form (in mCi) | | Vials | Patient | Comments | Amount Disposed (mCi) | Remaining Inventory (mCi) |
|-----------|-----------|------------------------|----------------------------|-------------|---------|----------|-----------------------|---------------------------|
| | | Solid | Liquid | | | | | |
| 1 | 6/19/01 | .002 bag | .05 ^{5ml} Carboy | .001 bucket | | | .053 | .197 |
| 2 | 6/27/01 | trace bag | .06 ^{15ml} jug | .001 bucket | | | .061 | .136 |
| 3 | 7/02/01 | .005 bucket | .003 ^{15ml} jug | | | | .008 | .128 |
| 4 | 7/10/01 | .05 bag | .077 ^{5ml} Carboy | .001 bucket | | | .128 | 0 |
| 5 | | | | | | | | |
| 6 | | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | Totals | | | | | | | |
| 11 | SN bag | .052 | | | | | | |
| 12 | SN bucket | .005 | | | | | | |
| 13 | AN carboy | .127 | | | | | | |
| 14 | AN jug | .063 | | | | | | |
| 15 | VB bucket | .003 | | | | | | |
| 16 | | | | | | | | |
| Disposal: | | | | | | | | |

Chemical composition for bulk liquid wastes and /or vial wastes listed above

| Chemical Constituents | Concentration (specify units) |
|------------------------|-------------------------------|
| AN Jug has Acetic acid | .001 M |
| | |
| | |

John Doe
Licensee (or designate) signature

John Doe
Printed Name

7/11/01
Date

Waste Pickup by :
Date: _____

By: _____

Example
Form

WASTE DISPOSAL REPORT FORM

Isotope: H-3

Licensee: Doe, John

License No:

RSO#: 9800420

Compound: UDP Galactose


Lot : 3380-91

Receipt Date : 07/19/2001 Starting Amount (mCi): 0.25023

| Entry No. | Date | Disposal Form (in mCi) | | | | Patient | Comments | Amount Disposed (mCi) | Remaining Inventory (mCi) |
|-----------|-----------|------------------------|-----------------------------|-------------|--|---------|----------|-----------------------|---------------------------|
| | | Solid | Liquid | Vials | | | | | |
| 1 | 7/20/01 | | .1 ^{55ml} Carboy | .001 bucket | | | .101 | .14923 | |
| 2 | 7/22/01 | .02 bag | .05 ^{15ml} jug | .001 bucket | | | .071 | .07823 | |
| 3 | 7/23/01 | .001 bucket | .007 ^{55ml} carboy | | | | .008 | .07023 | |
| 4 | 7/28/01 | .001 bag | .03 ^{55ml} Carboy | .001 bucket | | | .032 | .03823 | |
| 5 | 7/30/01 | .01 bucket | | .001 bucket | | | .011 | .02723 | |
| 6 | 8/4/01 | .005 bucket | .02123 ^{jug} | .001 bucket | | | .02723 | 0 | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |
| 9 | Totals | | | | | | | | |
| 10 | SN bag | .021 | | | | | | | |
| 11 | SN bucket | .016 | | | | | | | |
| 12 | AN carboy | .137 | | | | | | | |
| 13 | AN jug | .07123 | | | | | | | |
| 14 | VB bucket | .005 | | | | | | | |
| 15 | | | | | | | | | |
| 16 | | | | | | | | | |
| Disposal: | | | | | | | | | |

Chemical composition for bulk liquid wastes and /or vial wastes listed above.

| Chemical Constituents | Concentration (specify units) |
|--------------------------------------|-------------------------------|
| AN AN jug has Acetic Acid | .001 M |
| | |
| | |


Licensee (or designate) signature

John Doe
Printed Name

8/5/01
Date

Waste Pickup by :

Date: _____

By: _____

Radioactive Waste Container Summary

UW Environmental Health and Safety Office
Regulated Materials Management Center
<http://theduke.uwyo.edu/safety/ehs/> or 766-3697

| From: <u>Doe</u> (Principle Investigator) | | | | | Prepared by: <u>John Doe</u> | | | | |
|--|----------------|---------|----------------------|--------------------------------------|--|------------------|--------------|--------------|------------------|
| Radionuclide: <u>3H</u> (Only one nuclide per form) | | | | | Phone #: <u>766-3697</u> | | | | |
| | | | | | Email: <u>jdoe158@uwyo.edu</u> | | | | |
| TO BE COMPLETED BY USER | | | | | TO BE COMPLETED BY EHS | | | | |
| Container Type (Bucket, bag, carboy, etc.) | Type of Waste* | RSO#'s | Radio-activity (mCi) | Is RSO# totally disposed of (Y or N) | Properties of waste (pH, chemical ingredients, etc.) | Container Number | Weight (lbs) | Waste Number | Storage Location |
| bag | SN | 9800550 | .052 | N | gloves, pipettes | | | | |
| | | 9800420 | .021 | N | | | | | |
| | | Total | .073 | | | | | | |
| 5gal bucket #1 | SN | 9800550 | .005 | N | paper, empty vials | | | | |
| | | 9800420 | .016 | N | | | | | |
| | | Total | .021 | | | | | | |
| 5gal Carboy | AN | 9800550 | .127 | N | | | | | |
| | | 9800420 | .137 | N | | | | | |
| | | Total | .264 | | | | | | |
| 1gal Jug | AN | 9800550 | .063 | N | | | | | |
| | | 9800420 | .07123 | N | | | | | |
| | | Total | .13423 | | | | | | |
| 5gal bucket #2 | VB | 9800550 | .003 | Y | | | | | |
| | | 9800420 | .005 | Y | | | | | |
| | | Total | .008 | | | | | | |

***Types of Waste**

- AN- Aqueous, non-hazardous waste
- SN- Solid, non-hazardous waste
- VN- Vials containing non-biodegradable scintillation cocktail
- VB- Vials containing biodegradable scintillation cocktail
- MW- Mixed with hazardous waste (ie toluene, sulfuric acid)

| | |
|------------|---------------------|
| Signature: | Date: <u>8/5/01</u> |
|------------|---------------------|