

### CERTIFICATE OF DISPOSITION OF MATERIALS

Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0028), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

LICENSEE NAME AND ADDRESS

The Dow Chemical Company  
500 Dow Industrial Drive  
Pevely, MO 63070

LICENSE NUMBER

24-17763-02

DOCKET NUMBER

030-31371

LICENSE EXPIRATION DATE

08/31/2015

**A. LICENSE STATUS (Check the appropriate box)**

This license has expired.   This license has not yet expired; please terminate it.

**B. DISPOSAL OF RADIOACTIVE MATERIAL**

(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)

The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:

- 1. No radioactive materials have ever been procured or possessed by the licensee under this license.
- 2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner.
  - a. Transfer of radioactive materials to the licensee listed below:  
See attached document.
  - b. Disposal of radioactive materials:
    - 1. Directly by the licensee:
    - 2. By licensed disposal site:
    - 3. By waste contractor:  
Chase Environmental Group, Inc., 3501 Workman Road, Suite H, Knoxville, TN 37921 (865) 584-0833  
- see enclosed documents
  - c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

**C. SURVEYS PERFORMED AND REPORTED**

- 1. A radiation survey was conducted by the licensee. The survey confirms:
  - a. the absence of licensed radioactive materials
  - b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.
- 2. A copy of the radiation survey results:
  - a. is attached; or  b. is not attached (Provide explanation); or  c. was forwarded to NRC on: \_\_\_\_\_ Date \_\_\_\_\_
- 3. A radiation survey is not required as only sealed sources were ever possessed under this license, and
  - a. The results of the latest leak test are attached; and/or
  - b. No leaking sources have ever been identified.

The person to be contacted regarding the information provided on this form:

NAME	TITLE	TELEPHONE (Include Area Code)	E-MAIL ADDRESS
Mark Cann	RSO	(636) 479-2221	MJCann@Dow.com

Mail all future correspondence regarding this license to:

**C. CERTIFYING OFFICIAL**

I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT

PRINTED NAME AND TITLE

Mark Cann (RSO)

SIGNATURE



DATE

3-17-2010

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

The following is information regarding NRC form 314, part B, subsection 2.a. for the transfer of radioactive materials.

Date	Company	License	Address	Contact	Telephone no.
01/18/2010	Thermo Fisher Scientific	L03524	1410 Gillingham Ln. Sugar Land, TX 77478	Angelica Guidry	(800) 437-7979
03/01/2006	The Dow Chemical Co.	IL-01390-01	26332 S. Frontage Rd. Channahon, IL 60410	Timothy Waldvogel	(815) 423-2575

Documents are enclosed regarding these transfers.

## ACKNOWLEDGMENT OF RECEIPT OF RADIOACTIVE MATERIAL

January 18, 2010

Mark Cann  
Dow Chemical USA  
500 Industrial Drive  
Pevely, MO 63070

RMA Number 31329

Attention Mark Cann:

This is to certify that Thermo Fisher Scientific has received and accepted ownership of the radioactive material described below pursuant to applicable regulations and as authorized by our Texas Radioactive Material License L03524.

Manufacturer	Model	Serial	Isotope	Source	Activity Units	Assay
TN TECHNOLOGIES	5205	B447	Cs-137	GV-2492	100 mCi	12/13/1988
TN TECHNOLOGIES	5206	B229	Cs-137	MB-4726	500 mCi	1/21/1985
Summary (2 sources)					600 mCi	

This receipt should be retained in your files as a permanent record showing the disposition of this radioactive material. If you are not the Radiation Safety Officer or responsible for maintaining regulatory records for radioactive material, please forward this letter to the appropriate person.

If you have any questions or require additional assistance, please contact us at (800) 437-7979 or (713) 272-0404.

Sincerely,  
Thermo Fisher Scientific



Angelica Guidry  
Nuclear Services Specialist

Gauge Inspection and Leak Test Certificate	System Information	Five Point Safety Check
<p><b>USER</b>            Company : DOW Chemical            Address : 500 DOW Chemical            City : Pevely            State : MO Zip: 63070</p> <p><b>PRODUCT</b>            Brand : Texas Nuclear            Model : 5205 Serial: B447            Location : Sent to Sugarland Texas            Tag : For Disposal            Isotope : <input checked="" type="checkbox"/> Cs-137   <input type="checkbox"/> Co-60                              <input type="checkbox"/> Am-241-Be            Activity : 100mCi      Assay: 12/88</p> <p><b>SURVEY METER</b>  <small>(req'd for leak test certification only)</small>            Brand : TN Technologies            Model : 200X Serial: C035B            Cal. Date : 22-Sep-09            Backgnd : .02 mr/hr</p> <p><b>LEAK TEST</b>  <input type="checkbox"/> Not performed    <input checked="" type="checkbox"/> Measured &lt;0.005 uCi  <input type="checkbox"/> Measured &gt;0.005 uCi    <b>CONTACT RSO</b></p> <p><b>PERFORMED BY</b>            Company : Thermo Fisher Name : Scott Scheu            Date : 12/22/09      Signature: <i>[Signature]</i></p>	<p><b>APPLICATION</b></p> <p><input type="checkbox"/> point level  <input type="checkbox"/> dual point level  <input type="checkbox"/> continuous level  <input checked="" type="checkbox"/> density  <input type="checkbox"/> neutron backscatter  <input type="checkbox"/> weigh scale  <input type="checkbox"/> strip source  <input type="checkbox"/> insertion source  <input type="checkbox"/> analyzer</p> <p><b>STATUS</b></p> <p><input type="checkbox"/> in use  <input checked="" type="checkbox"/> mounted but not in use                    <input checked="" type="checkbox"/> unlocked                    <input type="checkbox"/> locked off  <input type="checkbox"/> in storage</p>	<p style="text-align: center;"><b>(1) NAMEPLATE</b></p> <p style="text-align: center;"><input checked="" type="checkbox"/> okay</p> <p style="text-align: center;"><b>(2) ON/OFF INDICATOR</b></p> <p style="text-align: center;"><input checked="" type="checkbox"/> okay</p> <p style="text-align: center;"><b>(3) SHUTTER LOCK</b></p> <p style="text-align: center;"><input checked="" type="checkbox"/> okay</p> <p style="text-align: center;"><b>(4) SHUTTER OPERATION</b></p> <p style="text-align: center;"><input checked="" type="checkbox"/> okay</p> <p style="text-align: center;"><b>VERIFIED BY:</b></p> <p style="text-align: center;"><input checked="" type="checkbox"/> survey  <input type="checkbox"/> response</p> <p style="text-align: center;"><b>(5) OVERALL CONDITION</b></p> <p style="text-align: center;"><input checked="" type="checkbox"/> okay  <input type="checkbox"/> severe corrosion</p>
<p><b>COMMENTS:</b></p>		

**Thermo MeasureTech**

1410 Gillingham Lane  
 Sugar Land, Texas 77478  
 800-437-7979 or 713-272-0404

Instructions: This form is/may be used to record the visual inspection and leak testing of a nuclear gauge. A preprinted inventory label may be placed over the user and product information blanks for convenience. When this form is used for leak test certification, the survey meter information must be completed. As you complete the inspection, check all of the blanks that apply. Use comments to document the findings and/or recommended corrective actions as needed.

This record is important and must be kept on file for inspection by the regulatory agency.  
 ©2006 Thermo Fisher Scientific  
 24 hour Emergency 1-800-437-7979  
<http://www.thermo.com>    NGI-ILT v1.2

Gauge Inspection and Leak Test Certificate	System Information	Five Point Safety Check
<p><b>USER</b>            Company : DOW Chemical            Address : 500 DOW Chemical            City : Pevely            State : MO Zip: 63070</p> <p><b>PRODUCT</b>            Brand : Texas Nuclear            Model : 5206 Serial: B229            Location : Sent to Sugarland Texas            Tag : For Disposal            Isotope : <input checked="" type="checkbox"/> Cs-137 <input type="checkbox"/> Co-60                      <input type="checkbox"/> Am-241-Be            Activity : 500mCi Assay: 01/85</p> <p><b>SURVEY METER</b>  <small>(req'd for leak test certification only)</small>            Brand : TN Technologies            Model : 200X Serial: C035B            Cal. Date : 22-Sep-09            Backgnd : .02 mr/hr</p> <p><b>LEAK TEST</b>  <input type="checkbox"/> Not performed <input checked="" type="checkbox"/> Measured &lt;0.005 uCi  <input type="checkbox"/> Measured &gt;0.005 uCi <b>CONTACT RSO</b></p> <p><b>PERFORMED BY</b>            Company : Thermo Fisher Name : Scott Scheu            Date : 12/22/09 Signature: <i>[Signature]</i></p>	<p><b>APPLICATION</b></p> <p><input type="checkbox"/> point level  <input type="checkbox"/> dual point level  <input type="checkbox"/> continuous level  <input checked="" type="checkbox"/> density  <input type="checkbox"/> neutron backscatter  <input type="checkbox"/> weigh scale  <input type="checkbox"/> strip source  <input type="checkbox"/> insertion source  <input type="checkbox"/> analyzer</p> <p><b>STATUS</b></p> <p><input type="checkbox"/> in use  <input checked="" type="checkbox"/> mounted but not in use            <input checked="" type="checkbox"/> unlocked            <input type="checkbox"/> locked off  <input type="checkbox"/> in storage</p> <p><b>COMMENTS:</b></p>	<p><b>(1) NAMEPLATE</b>  <input checked="" type="checkbox"/> okay <input type="checkbox"/> needs cleaning  <input type="checkbox"/> needs to be replaced</p> <p><b>(2) ON/OFF INDICATOR</b>  <input checked="" type="checkbox"/> okay <input type="checkbox"/> needs cleaning  <input type="checkbox"/> needs to be replaced</p> <p><b>(3) SHUTTER LOCK</b>  <input checked="" type="checkbox"/> okay <input type="checkbox"/> needs to be replaced</p> <p><b>(4) SHUTTER OPERATION</b>  <input checked="" type="checkbox"/> okay <input type="checkbox"/> needs cleaning  <input type="checkbox"/> needs lubrication  <input checked="" type="checkbox"/> survey <input type="checkbox"/> stuck on  <input type="checkbox"/> response <input type="checkbox"/> stuck off  <input type="checkbox"/> missing</p> <p><b>(5) OVERALL CONDITION</b>  <input checked="" type="checkbox"/> okay <input type="checkbox"/> mild to moderate corrosion  <input type="checkbox"/> severe corrosion <input type="checkbox"/> needs to be replaced</p>

## Thermo MeasureTech

1410 Gillingham Lane  
 Sugar Land, Texas 77478  
 800-437-7979 or 713-272-0404

Instructions: This form is/may be used to record the visual inspection and leak testing of a nuclear gauge. A preprinted inventory label may be placed over the user and product information blanks for convenience. When this form is used for leak test certification, the survey meter information must be completed. As you complete the inspection, check all of the blanks that apply. Use comments to document the findings and/or recommended corrective actions as needed.

This record is important and must be kept on file for inspection by the regulatory agency.  
 ©2006 Thermo Fisher Scientific  
 24 hour Emergency 1-800-437-7979  
<http://www.thermo.com> NG-ILT v1.2

**Cann, Mark (MJ)**

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**From:** Waldvogel, Timothy (T)  
**Sent:** Tuesday, March 16, 2010 1:15 PM  
**To:** Cann, Mark (MJ)  
**Cc:** Kuhn, Greg (GG)  
**Subject:** Radiation Source# B9-727

Mark,

The Joliet Styrofoam records show that Source # B9-727 was received from the Pevely, Missouri plant on 3-1-2006 via Jerry Cassidy.

Tim Waldvogel  
Radiation Safety Officer  
The Dow Chemical Company  
Joliet Styrofoam Plant  
26332 South Frontage Rd.  
Channahon, Illinois 60410  
1-815-423-2575



RADIOACTIVE MATERIAL SHIPMENT FORM

1. SHIPPING INFORMATION

Company: The Dow Chemical Company
Address: 26332 S. Frontage Rd.

City/State/Zip: Channahon, IL 60410
Attn: Arlen Lang, RSO

EMERGENCY NUMBER: 800 424-9300

Shipper: Jerry Cassidy
Building: 1803 Building
Phone: 989-636-3463
Cost Center:

2. LICENSE INFORMATION

Receiver License Number: IL-01390-01

Dow Site License Number: (Shipper) 24-17763-02

3. MATERIAL INFORMATION

Proper Shipping Name: Radioactive Material, UN Number: 2910 Hazard Class: 7
Technical or Chemical Name: Cd-109
Physical Form: [ ] Liquid [X] Solid
Description of Material: Isotope Product Labs
Is this a Reportable Quantity? [ ] Yes [X] No
Radionuclide: Cd-109
Radioactive Material Form: [ ] Special (A1)

Excepted Package - Limited Quantity

[ ] Gas
Model XFB-5 Cd-109 Source
RQ ( ) Radionuclide
Activity 370 MBq (10 mCi)
Activity MBq ( mCi)
Activity MBq ( mCi)
[X] Normal (A2)

4. RADIATION MEASUREMENTS

Dose Rates (mR/hr)

Transport Index: mR/hr @ 1 meter
Removable Surface Contamination

At Package Surface: At 1 Meter:
At 10 cm from unpacked instrument:
(Rounded up to 1st decimal place)
Alpha: Beta/Gamma: (dpm/100 cm²)

5. MARKING EXTERIOR OF PACKAGE

- [X] Excepted Package: UN ID Number and Type A Package: The following exterior markings are required on the package.
• Shipping name and UN identification number
• RQ (if package is a reportable quantity)
• Technical or chemical name
• Name and Address of Receiver

(check if applicable):

- Name and Address of Shipper and Receiver.
• Gross weight of package (if over 110 lbs)
• USA DOT-7A TYPE A (in 1/2" letters)
• For liquids add ↑↑ on two opposite vertical sides
• Name and Address of Shipper

6. LABELING EXTERIOR OF PACKAGE

[X] None Required [ ] White I [ ] Yellow II [ ] Yellow III

7. CERTIFICATIONS

- [X] Excepted Package: This package conforms to the conditions and limitations specified in:
[X] 49 CFR 173.421 for radioactive material, excepted package - limited quantity of material, UN2910
[ ] 49 CFR 173.424 for radioactive material, excepted package - instruments or articles, UN2911
[ ] 49 CFR 173.426 for radioactive material, excepted package - articles manufactured from natural or depleted uranium or natural thorium, UN2909

[ ] Type A Package - This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation

8. SIGNATURES

Radiation Safety Officer Name: Mark Cann Phone: 636-479-2221

Radiation Safety Officer Signature: Mark Cann Date: 2/28/2006

Shipper Signature: Jerry S. Cassidy Phone: 989-636-3463 Date: 2/28/06

**CUSTOMER REQUEST** **DOW CHEMICAL U.S.A**  
**H & ES ANALYTICAL CHEMISTRY LABORATORY**

ES-AL NUMBER: 4649

LS: 6002-2298

Date: 2-1-2006	Plant Code: 02	Cost Center: 9852	Project/Task:	Date Needed By: 2-20-06	<input type="checkbox"/> Return Sample <input checked="" type="checkbox"/> Discard Sample
SAMPLE OF: <i>Wipe Test for Radioactivity</i>					
SAMPLE NUMBER(S): <i>B9-727</i>					
SAFETY HAZARDS					
<input type="checkbox"/> Toxic		<input type="checkbox"/> Skin Irritant		<input type="checkbox"/> Low Flash Point	
<input type="checkbox"/> Explosive		<input type="checkbox"/> Spontaneous Flammable		<input type="checkbox"/> Non-Hazardous	
<input type="checkbox"/> Lachrymator				<input type="checkbox"/> Unusual Chemical Reactive	
NAME	DEPARTMENT	BUILDING	DOOR	PHONE	
<i>Mark Cann</i>				<i>636-479-2221</i>	
RELATIVE ERROR SUFFICIENT, ETC.	APPROXIMATE LEVEL, ETC.		LOWER LIMIT, ETC.		
ANALYSIS REQUEST AND REASON FOR REQUEST. (PLANT OR PROJECT RELATED). INDICATE DOLLAR (\$) VALUE TO DOW.					
<i>Please analyze for Radioactivity</i>					
RESULTS:					
<b>ALL WIPES BELOW  DETECTION LIMIT OF  50 dpm/WIPE (<math>2.3 \times 10^{-5} \mu\text{Ci/wipe}</math>)  INITIAL <i>Rad</i> DATE <i>02/08/06</i></b>					
SIGNATURE: <i>Lisa Douglass</i>		PHONE: <i>8-8432</i>		BUILDING: <i>1803</i>	
DATE FINISHED: <i>02/08/06</i>	HOURS: <i>1</i>	RESULTS PHONED: <i>02/08/09 Rad</i>	REVIEWED BY: <i>S. Hansen</i> <i>2-9-06</i>		





**CHASE ENVIRONMENTAL GROUP, INC.**  
waste services, remediation & consulting

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3501 Workman Road, Suite H  
Knoxville, TN 37921

(865) 584-0833  
FAX (865) 584-1961

May 11, 2006

Mark Cann  
The Dow Chemical Co.  
500 Dow Industrial Drive  
Pevely, MO 63070

Dear Mark,

Enclosed please find a copy of the signed NRC Form 540 for the following manifest number:

AL-2006-058

This acknowledges receipt by Alaron Corp. on April 18, 2006 of material delivered to Alaron from your facility. If you have any questions concerning this shipment, please call us toll-free at 877-389-2124.

We appreciate the opportunity to be of service to Dow Chemical and look forward to working with you in the future.

Sincerely,

Gina O'Neil  
Customer Service Representative



**ACKNOWLEDGEMENT OF RECEIPT OF RADIOACTIVE MATERIAL**

May 11, 2006

Mark Cann  
The Dow Chemical Co.  
500 Dow Industrial Drive  
Pevely, MO 63070

Manifest # AL-2006-058

Dear Mr. Cann:

This letter is to certify that Alaron Corporation has received and accepted ownership of the radioactive material on manifest number AL-2006-058 pursuant to applicable regulations and as authorized by our NRC Radioactive Material License 37-20826-01.

This receipt should be retained in your files as a permanent record showing the disposition of this radioactive material. If you have any questions or require additional assistance, please contact us at (724) 535-5777.

Sincerely,  
Alaron Corporation

A handwritten signature in black ink, appearing to read "Joe Harverson", written in a cursive style.

Joseph M. Harverson  
President

2138 STATE ROUTE 18  
WAMPUM, PENNSYLVANIA 16157  
(724) 535-5777  
FAX (724) 535-1165  
[www.alaron-nuclear.com](http://www.alaron-nuclear.com)

6359 DERBY SHIRE LANE  
LOVELAND, OHIO 45140  
(513) 583-1744  
FAX (513) 583-8505  
[www.alaron-nuclear.com](http://www.alaron-nuclear.com)



5. CONTAINER IDENTIFICATION NUMBER/GENERATOR NUMBER		6. CONTAINER DESCRIPTION (See Note 1)	7. VOLUME (m <sup>3</sup> )	8. WASTE AND CONTAINER WEIGHT (kg)	9. SURFACE RADIATION LEVEL X <sub>0.04m</sub> mSv/hr	10. SURFACE CONTAMINATION MBq/100 cm <sup>2</sup>		11. MANIFEST TOTALS					2. MANIFEST NUMBER				
UNIFORM LOW-LEVEL RADIOACTIVE WASTE MANIFEST CONTAINER AND WASTE DESCRIPTION						ALL NUCLIDES		NET WASTE VOL. m <sup>3</sup>	NET WASTE WEIGHT	SPECIAL NUCLEAR MATERIAL (grams)			TOTAL	SOURCE (kg)	SHIPPER ID NUMBER		
						9.36E+00 MBq	0.019	2.0	U-233	U-235	Pu						
						2.53E-01 mCi	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
DISPOSAL CONTAINER DESCRIPTION						WASTE DESCRIPTION FOR EACH WASTE TYPE IN CONTAINER											
						11. WASTE DESCRIPTION (See Note 2)			12. Applicable WASTE VOLUME (m <sup>3</sup> )		13. ISOPRESENT SOLIDIFICATION STABILIZATION MEDIA (See Note 3)		14. CHEMICAL DESCRIPTION CHEMICAL FORM / CHELATING AGENT		15. RADIOLOGICAL DESCRIPTION INDIVIDUAL RADIONUCLIDES AND ACTIVITY (MBq) AND CONTAINER TOTAL OR CONTAINER TOTAL ACTIVITY AND RADIONUCLIDE PERCENT		16. WASTE CLASS
AL-SD-B-06-129/0411						36	0.019	100	Oxide/NP	NP	Nuclide		Co-106	9.36E+00	2.53E-01	NA	
						Package total						9.36E+00	2.53E-01				

NOTE 1: Container Description Codes. For containers used in regulated disposal in approved structural overpacks, the numerical code must be followed by "OP".

- 1. Wooden Box or Crate
- 2. Metal Box
- 3. Plastic Drum or Pail
- 4. Metal Drum or Pail
- 5. Metal Sack or Liner
- 6. Glass or Plastic Tank or Can
- 7. Paper or Plastic Tank or Liner
- 8. Fiberglass Tank or Liner
- 9. Cartridge/Can
- 10. Gas Cylinder
- 11. Bag, Unpackaged Waste
- 12. Unpackaged Composites
- 13. High Integrity Container
- 16. Other, describe in Item 6, or additional page

- Note 2: Waste Descriptors. Codes (Check + up to three which apply to waste.)
- 20. Chemical
  - 21. Inorganic Ash
  - 22. Sol
  - 23. Gas
  - 24. Oil
  - 25. Aqueous Liquid
  - 26. Fibrous Material
  - 27. Miscellaneous Fiber
  - 28. Slur or Sludge
  - 29. Miscellaneous
  - 29. Sanitary Sewage
  - 30. Other Sanitary Sewage
  - 31. Activated Exchange Media
  - 32. Contaminated Equipment
  - 34. Organic Liquid (Does Not Dry)
  - 35. Charcoal or Lignite
  - 36. Solid Inert Material
  - 37. Paint or Pigment
  - 38. Empyreous Residue/Sludge
  - 39. Cementation
  - 39. Compressible Trash
  - 40. Noncompressible Trash
  - 41. Anhydrous Cement
  - 42. Solidified Material (Except Activated Carbon)
  - 43. Activated Material
  - 44. Other, Describe in Item 11, or Additional Page

Note 3: For activation media that meet disposal site structural stability requirements, the container code must be followed by "E". For all other media, the number (see above) and listed name must also be identified in Item 13. Code 100 = NONE REQUIRED.

- Scrapion
- 50. Spent Oil
  - 51. Calcium
  - 52. Floor Dry
  - 53. H<sub>2</sub>O
  - 54. Salt-T-Sorb
  - 55. Salt-N-D6
  - 56. Flue
  - 57. Flue X
  - 58. Solid-A-Sorb
  - 59. Charcoal 20
  - 60. Charcoal 30
  - 61. Charcoal 300
  - 62. Charcoal NP200
  - 63. Paper
  - 64. Paper 1
  - 65. Paper 11
  - 66. Paper 11
  - 67. Paper 11
  - 68. Paper 11
  - 69. Paper 11
  - 70. Paper 11
  - 71. Paper 11
  - 72. Paper NP200
  - 73. Other, Describe in Item 13, or additional page
  - 74. Other, Describe in Item 13, or additional page
  - 75. Other, Describe in Item 13, or additional page
  - 76. Other, Describe in Item 13, or additional page
  - 77. Other, Describe in Item 13, or additional page
  - 78. Other, Describe in Item 13, or additional page
  - 79. Other, Describe in Item 13, or additional page
  - 80. Other, Describe in Item 13, or additional page
  - 81. Other, Describe in Item 13, or additional page
  - 82. Other, Describe in Item 13, or additional page
  - 83. Other, Describe in Item 13, or additional page
  - 84. Other, Describe in Item 13, or additional page
  - 85. Other, Describe in Item 13, or additional page
  - 86. Other, Describe in Item 13, or additional page
  - 87. Other, Describe in Item 13, or additional page
  - 88. Other, Describe in Item 13, or additional page
  - 89. Other, Describe in Item 13, or additional page
  - 90. Other, Describe in Item 13, or additional page
  - 91. Other, Describe in Item 13, or additional page
  - 92. Other, Describe in Item 13, or additional page
  - 93. Other, Describe in Item 13, or additional page
  - 94. Other, Describe in Item 13, or additional page
  - 95. Other, Describe in Item 13, or additional page
  - 96. Other, Describe in Item 13, or additional page
  - 97. Other, Describe in Item 13, or additional page
  - 98. Other, Describe in Item 13, or additional page
  - 99. Other, Describe in Item 13, or additional page
  - 100. None Required



NRC FORM 542 (5-1995) U.S. NUCLEAR REGULATORY COMMISSION

### UNIFORM NARM RADIOACTIVE WASTE MANIFEST

MANIFEST INDEX AND REGIONAL COMPACT TABULATION  
List all original "PROCESSED WASTE" before "COLLECTED WASTE".

1. WASTE COLLECTOR/PROCESSOR				2. MANIFEST NUMBER						
NAME Chase Environmental Group, Inc.				SHIPPER USE ONLY						
IDENTIFICATION NUMBER T-KY003-L06										
SHIPPING DATE 4/12/2006										
				AL-2006-058						
				PAGE_1_OF_1_PAGE(S)						
4. GENERATOR IDENTIFICATION NUMBER	5. GENERATOR NAME PERMIT NUMBER AND TELEPHONE NUMBER	6. GENERATOR FACILITY ADDRESS	7. PREP/PROCESSED WASTE (OR MATERIAL) VOLUME (m <sup>3</sup> )	8. PREP/PROCESSED WASTE (OR MATERIAL) RECEIVED AND CITY OF RECEIPT	9. WASTE CODE FUNCTIONALITY HAZARDOUS	10. ORIGINATING CONTACT OR STATE	11. AS PROCESSED/COLLECTED TOTAL			
							A. SOURCE MATERIAL (kg)	B. SNM (g)	C. ACTIVITY (MBq)	D. VOLUME (m <sup>3</sup> )
0411	Dow Chemical Company 636-479-2221	500 Dow Industrial Drive Pevely, MO 63070	0.019	NA	C	MO	NP	NP	9.36E+00	0.019
TOTALS OF ALL PAGES (NRC FORMS 542 AND 542A)							0.00E+00	0.000	9.36E+00	0.019

CUSTOMER REQUEST DOW CHEMICAL U.S.A  
H & ES ANALYTICAL CHEMISTRY LABORATORY

ESAL NUMBER 4659  
LS 6002: 2314

Date: 3-6-06	Plant Code: YQ	Cost Center: 0282	Project Task:	Date Needed By: 3-17-06	<input type="checkbox"/> Return Sample <input checked="" type="checkbox"/> Discard Sample
SAMPLE OF: WIPE Test for Radioactivity					
SAMPLE NUMBER(S): 2097 LY					
SAFETY HAZARDS					
<input type="checkbox"/> Toxic		<input type="checkbox"/> Skin Irritant		<input type="checkbox"/> Low Flash Point	
<input type="checkbox"/> Explosive		<input type="checkbox"/> Spontaneous Flammable		<input type="checkbox"/> Non-Hazardous	
<input type="checkbox"/> Lachrymator				<input type="checkbox"/> Unusual Chemical Reactive	
NAME	DEPARTMENT	BUILDING	DOOR	PHONE	
Mark Cann				636-479-2221	
RELATIVE ERROR SUFFICIENT, ETC.		APPROXIMATE LEVEL, ETC.		LOWER LIMIT, ETC.	
ANALYSIS REQUEST AND REASON FOR REQUEST. (PLANT OR PROJECT RELATED). INDICATE DOLLAR (\$) VALUE TO DOW.					
Please analyze for Radioactivity					
RESULTS:					
<b>ALL WIPES BELOW  DETECTION LIMIT OF  50 dpm/WIPE (2.3 x 10<sup>-5</sup> μCi/wipe)</b> INITIAL LaS DATE 03/09/06					
SIGNATURE: Lisa Douglass		PHONE: 638-8432		BUILDING: 1803	
DATE FINISHED: 03/09/06	HOURS: 1	RESULTS PHONED: e-mailed	REVIEWED BY: SCH		

03/09/06 LaS 3-9-06



CUSTOMER REQUEST DOW CHEMICAL U.S.A  
H & ES ANALYTICAL CHEMISTRY LABORATORY

ES-AL NUMBER 4656  
LS 6002: 2315

Date: 3-6-06	Plant Code: YQ	Cost Center: 0282	Project Task:	Date Needed By: 3-17-06	<input type="checkbox"/> Return Sample <input checked="" type="checkbox"/> Discard Sample
SAMPLE OF: <i>wipe test for Radioactivity</i>					
SAMPLE NUMBER(S): <i>2098 LY</i>					
SAFETY HAZARDS					
<input type="checkbox"/> Toxic		<input type="checkbox"/> Skin Irritant		<input type="checkbox"/> Low Flash Point	
<input type="checkbox"/> Explosive		<input type="checkbox"/> Spontaneous Flammable		<input type="checkbox"/> Non-Hazardous	
<input type="checkbox"/> Lachrymator				<input type="checkbox"/> Unusual Chemical Reactive	
NAME	DEPARTMENT	BUILDING	DOOR	PHONE	
<i>Mark Cann</i>				<i>636-479-2221</i>	
RELATIVE ERROR SUFFICIENT, ETC.		APPROXIMATE LEVEL, ETC.		LOWER LIMIT, ETC.	
ANALYSIS REQUEST AND REASON FOR REQUEST. (PLANT OR PROJECT RELATED). INDICATE DOLLAR (\$) VALUE TO DOW.					
<i>Please analyze for Radioactivity</i>					
RESULTS:					
<b>ALL WIPES BELOW DETECTION LIMIT OF</b>					
<b>50 dpm/WIPE (<math>2.3 \times 10^{-5} \mu\text{Ci/wipe}</math>)</b>					
INITIAL <i>LaS</i> DATE <i>03/09/06</i>					
SIGNATURE: <i>Lisa Douglass</i>		PHONE: <i>638-8432</i>		BUILDING: <i>1803</i>	
DATE FINISHED: <i>03/09/06</i>	HOURS: <i>1</i>	RESULTS PHONED: <i>e-mailed</i>	REVIEWED BY: <i>SC Hansen</i>		

*03/09/06 LaS*      *3-9-06*

CUSTOMER REQUEST DOW CHEMICAL U.S.A.  
H & ES ANALYTICAL CHEMISTRY LABORATORY

PSAL NUMBER 4657  
IS 6002: 2316

Date: 3-6-06	Plant Code: YQ	Cost Center: 0282	Project Task:	Date Needed By: 3-17-06	<input type="checkbox"/> Return Sample <input checked="" type="checkbox"/> Discard Sample
SAMPLE OF: <i>Wipe test for Radioactivity</i>					
SAMPLE NUMBER(S): <i>2099LY</i>					
SAFETY HAZARDS					
<input type="checkbox"/> Toxic		<input type="checkbox"/> Skin Irritant		<input type="checkbox"/> Low Flash Point	
<input type="checkbox"/> Explosive		<input type="checkbox"/> Spontaneous Flammable		<input type="checkbox"/> Non-Hazardous	
<input type="checkbox"/> Lachrymator				<input type="checkbox"/> Unusual Chemical Reactive	
NAME	DEPARTMENT	BUILDING	DOOR	PHONE	
<i>Mark Cann</i>				<i>636-479-2221</i>	
RELATIVE ERROR SUFFICIENT, ETC.	APPROXIMATE LEVEL, ETC.		LOWER LIMIT, ETC.		
ANALYSIS REQUEST AND REASON FOR REQUEST. (PLANT OR PROJECT RELATED). INDICATE DOLLAR (\$) VALUE TO DOW.					
<i>Please analyze for Radioactivity</i>					
RESULTS:					
<b>ALL WIPES BELOW  DETECTION LIMIT OF</b> 50 dpm/WIPE ( $2.3 \times 10^{-3} \mu\text{Ci/wipe}$ ) INITIAL <i>LaR</i> DATE <i>03/09/06</i>					
SIGNATURE: <i>Lisa Douglas</i>	PHONE: <i>638-8432</i>	BUILDING: <i>1803</i>			
DATE FINISHED: <i>03/09/06</i>	HOURS: <i>1</i>	RESULTS PHONED: <i>e-mailed</i>	REVIEWED BY: <i>SCH</i>		
			<i>03/09/06 LaR 3-9-06</i>		

**CUSTOMER REQUEST**  
**H & ES ANALYTICAL CHEMISTRY LABORATORY**

**DOW CHEMICAL U.S.A**

ES-AL NUMBER 4613

LS: 6112-2246

Date: <u>10-28-05</u>	Plant Code: <u>YQ</u>	Cost Center: <u>0282</u>	Project/Task:	Date Needed By:	<input type="checkbox"/> Return Sample <input checked="" type="checkbox"/> Discard Sample
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SAMPLE OF: wipe test of Radioactivity

SAMPLE NUMBER(S): 9823 LU

SAFETY HAZARDS

<input type="checkbox"/> Toxic	<input type="checkbox"/> Skin Irritant	<input type="checkbox"/> Low Flash Point
<input type="checkbox"/> Explosive	<input type="checkbox"/> Spontaneous Flammable	<input type="checkbox"/> Non-Hazardous
<input type="checkbox"/> Lachrymator		<input type="checkbox"/> Unusual Chemical Reactive

NAME	DEPARTMENT	BUILDING	DOOR	PHONE
<u>Mark Cann</u>				<u>636-479-2221</u>

RELATIVE ERROR SUFFICIENT, ETC.	APPROXIMATE LEVEL, ETC.	LOWER LIMIT, ETC.
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ANALYSIS REQUEST AND REASON FOR REQUEST. (PLANT OR PROJECT RELATED). INDICATE DOLLAR (\$) VALUE TO DOW.

Please Analyze for Radioactivity

RESULTS:

**ALL WIPES BELOW  
DETECTION LIMIT OF  
50 dpm/WIPE (2.3 x 10<sup>-3</sup> µCi/wipe)**  
INITIAL SM DATE 11/09/05

SIGNATURE: <u>Andrew McAlley</u>	PHONE: <u>638-8432</u>	BUILDING: <u>1803</u>
DATE FINISHED: <u>11/09/05</u>	HOURS: <u>1</u>	RESULTS PHONED: REVIEWED BY: <u>SC Hansen</u>

11-11-05

**CUSTOMER REQUEST** **DOW CHEMICAL U.S.A**  
**H & ES ANALYTICAL CHEMISTRY LABORATORY**

ES-AL NUMBER: 4612  
 LS (X) 2: 2245

Date: <u>10-28-05</u>	Plant Code: <u>YQ</u>	Cost Center: <u>0282</u>	Project/Task:	Date Needed By:	<input type="checkbox"/> Return Sample <input checked="" type="checkbox"/> Discard Sample
SAMPLE OF: <u>Wipe test of Radioactivity</u>					
SAMPLE NUMBER(S): <u>9822 LU</u>					
SAFETY HAZARDS					
<input type="checkbox"/> Toxic		<input type="checkbox"/> Skin Irritant		<input type="checkbox"/> Low Flash Point	
<input type="checkbox"/> Explosive		<input type="checkbox"/> Spontaneous Flammable		<input type="checkbox"/> Non-Hazardous	
<input type="checkbox"/> Lachrymator				<input type="checkbox"/> Unusual Chemical Reactive	
NAME	DEPARTMENT	BUILDING	DOOR	PHONE	
<u>Mark Cann</u>				<u>636-479-2221</u>	
RELATIVE ERROR SUFFICIENT, ETC.	APPROXIMATE LEVEL, ETC.		LOWER LIMIT, ETC.		
ANALYSIS REQUEST AND REASON FOR REQUEST. (PLANT OR PROJECT RELATED). INDICATE DOLLAR (\$) VALUE TO DOW.					
<u>Please Analyze for Radioactivity</u>					
RESULTS:					
<b>ALL WIPES BELOW          DETECTION LIMIT OF          50 dpm/WIPE (<math>2.3 \times 10^{-3}</math> <math>\mu</math>CI/wipe)</b> INITIAL <u>AM</u> DATE <u>11/09/05</u>					
SIGNATURE: <u>Archie McAlley</u>	PHONE: <u>638-8432</u>	BUILDING: <u>1803</u>			
DATE FINISHED: <u>11/09/05</u>	HOURS: <u>1</u>	RESULTS PHONED:	REVIEWED BY: <u>SC Hansen</u> <u>11-11-05</u>		



**CUSTOMER REQUEST**  
**H & ES ANALYTICAL CHEMISTRY LABORATORY**

**DOW CHEMICAL U.S.A**

ES-AL NUMBER: 4611

LS 6002 2244

Date: <u>10-28-05</u>	Plant Code: <u>YQ</u>	Cost Center: <u>0282</u>	Project/Task:	Date Needed By:	<input type="checkbox"/> Return Sample <input checked="" type="checkbox"/> Discard Sample
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SAMPLE OF: wipe test of Radioactivity  
 SAMPLE NUMBER(S): 8087 LU

SAFETY HAZARDS

<input type="checkbox"/> Toxic	<input type="checkbox"/> Skin Irritant	<input type="checkbox"/> Low Flash Point
<input type="checkbox"/> Explosive	<input type="checkbox"/> Spontaneous Flammable	<input type="checkbox"/> Non-Hazardous
<input type="checkbox"/> Lachrymator		<input type="checkbox"/> Unusual Chemical Reactive

NAME	DEPARTMENT	BUILDING	DOOR	PHONE
<u>Mark Cann</u>				<u>636-479-2221</u>

RELATIVE ERROR SUFFICIENT, ETC.	APPROXIMATE LEVEL, ETC.	LOWER LIMIT, ETC.
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ANALYSIS REQUEST AND REASON FOR REQUEST. (PLANT OR PROJECT RELATED). INDICATE DOLLAR (\$) VALUE TO DOW.

Please Analyze for Radioactivity

RESULTS:

**ALL WIPES BELOW  
 DETECTION LIMIT OF  
 50 dpm/WIPE ( $2.3 \times 10^{-5}$   $\mu$ CI/wipe)**  
 INITIAL SM DATE 11/09/05

SIGNATURE: <u>Sandra YMY Valley</u>	PHONE: <u>638-8432</u>	BUILDING: <u>1803</u>
DATE FINISHED: <u>11/09/05</u>	HOURS: <u>1</u>	RESULTS PHONED:
		REVIEWED BY: <u>SCHensen</u> <u>11-11-05</u>

**CUSTOMER REQUEST**  
**H & ES ANALYTICAL CHEMISTRY LABORATORY**

**DOW CHEMICAL U.S.A**

ES-AL NUMBER: 4660

LS: 18/11/05-2243

Date: <u>10-28-05</u>	Plant Code: <u>YQ</u>	Cost Center: <u>0282</u>	Project/Task:	Date Needed By:	<input type="checkbox"/> Return Sample <input checked="" type="checkbox"/> Discard Sample
SAMPLE OF: <u>Wipe test of Radioactivity</u>					
SAMPLE NUMBER(S): <u>7094 L4</u>					
SAFETY HAZARDS					
<input type="checkbox"/> Toxic		<input type="checkbox"/> Skin Irritant		<input type="checkbox"/> Low Flash Point	
<input type="checkbox"/> Explosive		<input type="checkbox"/> Spontaneous Flammable		<input type="checkbox"/> Non-Hazardous	
<input type="checkbox"/> Lachrymator				<input type="checkbox"/> Unusual Chemical Reactive	
NAME	DEPARTMENT	BUILDING	DOOR	PHONE	
<u>Mark Cann</u>				<u>636-479-2221</u>	
RELATIVE ERROR SUFFICIENT, ETC.		APPROXIMATE LEVEL, ETC.		LOWER LIMIT, ETC.	
ANALYSIS REQUEST AND REASON FOR REQUEST. (PLANT OR PROJECT RELATED). INDICATE DOLLAR (\$) VALUE TO DOW.					
<u>Please Analyze for Radioactivity</u>					
RESULTS:					
<b>ALL WIPES BELOW          DETECTION LIMIT OF          50 dpm/WIPE (2.3 x 10<sup>-5</sup> µCi/wipe)</b> INITIAL <u>SM</u> DATE <u>11/09/05</u>					
SIGNATURE: <u>Sunday M. Kallen</u>		PHONE: <u>638-8432</u>		BUILDING: <u>1803</u>	
DATE FINISHED: <u>11/09/05</u>	HOURS: <u>1</u>	RESULTS PHONED:	REVIEWED BY: <u>S Hansen</u>		

11-011-05  
 SCH 11/11/05 corrected



**CUSTOMER REQUEST**  
**DOW CHEMICAL U.S.A**  
**H & ES ANALYTICAL CHEMISTRY LABORATORY**

ES-AL NUMBER 4609  
 LS LS/11/05-2242

Date: <u>10-28-05</u>	Plant Code: <u>YQ</u>	Cost Center: <u>0282</u>	Project/Task:	Date Needed By:	<input type="checkbox"/> Return Sample <input checked="" type="checkbox"/> Discard Sample
SAMPLE OF: <u>Wipe test of Radioactivity</u>					
SAMPLE NUMBER(S): <u>709344</u>					
SAFETY HAZARDS					
<input type="checkbox"/> Toxic		<input type="checkbox"/> Skin Irritant		<input type="checkbox"/> Low Flash Point	
<input type="checkbox"/> Explosive		<input type="checkbox"/> Spontaneous Flammable		<input type="checkbox"/> Non-Hazardous	
<input type="checkbox"/> Lachrymator				<input type="checkbox"/> Unusual Chemical Reactive	
NAME	DEPARTMENT	BUILDING	DOOR	PHONE	
<u>Mark Cann</u>				<u>636-479-2221</u>	
RELATIVE ERROR SUFFICIENT, ETC.	APPROXIMATE LEVEL, ETC.		LOWER LIMIT, ETC.		
ANALYSIS REQUEST AND REASON FOR REQUEST. (PLANT OR PROJECT RELATED). INDICATE DOLLAR (\$) VALUE TO DOW.					
<u>Please Analyze for Radioactivity</u>					
RESULTS:					
<b>ALL WIPES BELOW          DETECTION LIMIT OF</b> <b>50 dpm/WIPE (2.3 x 10<sup>-5</sup> μCi/wipe)</b> INITIAL <u>SM</u> DATE <u>11/09/05</u>					
SIGNATURE: <u>[Signature]</u>	PHONE: <u>638-8432</u>	BUILDING: <u>1803</u>			
DATE FINISHED: <u>11/09/05</u>	HOURS: <u>1</u>	RESULTS PHONED:	REVIEWED BY: <u>SCHansen</u>		

11-11-05

**CUSTOMER REQUEST**

**DOW CHEMICAL U.S.A**

**H & ES ANALYTICAL CHEMISTRY LABORATORY**

ES-AL NUMBER 4601

LS 6012:2232

Date: <b>10-28-05</b>	Plant Code: <b>YQ</b>	Cost Center: <b>0282</b>	Project/Task:	Date Needed By:	<input type="checkbox"/> Return Sample <input checked="" type="checkbox"/> Discard Sample
SAMPLE OF: <b>wipe test of Radioactivity</b>					
SAMPLE NUMBER(S): <b>4601LU</b>					
SAFETY HAZARDS					
<input type="checkbox"/> Toxic		<input type="checkbox"/> Skin Irritant		<input type="checkbox"/> Low Flash Point	
<input type="checkbox"/> Explosive		<input type="checkbox"/> Spontaneous Flammable		<input type="checkbox"/> Non-Hazardous	
<input type="checkbox"/> Lachrymator				<input type="checkbox"/> Unusual Chemical Reactive	
NAME	DEPARTMENT	BUILDING	DOOR	PHONE	
<b>Mark Cann</b>				<b>636-479-2221</b>	
RELATIVE ERROR SUFFICIENT, ETC.	APPROXIMATE LEVEL, ETC.		LOWER LIMIT, ETC.		
ANALYSIS REQUEST AND REASON FOR REQUEST. (PLANT OR PROJECT RELATED). INDICATE DOLLAR (\$) VALUE TO DOW.					
<b>Please Analyze for Radioactivity</b>					
RESULTS:					
<b>ALL WIPES BELOW DETECTION LIMIT OF</b>					
<b>50 dpm/WIPE (2.3 x 10<sup>-3</sup> μCi/wipe)</b>					
INITIAL <u>MM</u> DATE <u>11/07/05</u>					
SIGNATURE: <b>Andrew M. Valley</b>					
PHONE: <b>638-8432</b>		BUILDING: <b>1803</b>			
DATE FINISHED: <b>11/07/05</b>	HOURS: <b>1</b>	RESULTS PHONED:	REVIEWED BY: <b>SCHansen</b>		

11-7-05

**CUSTOMER REQUEST** **DOW CHEMICAL U.S.A**  
**H & ES ANALYTICAL CHEMISTRY LABORATORY**

ES-AL NUMBER 4602  
 IS 602: 2233

Date: <u>10-28-05</u>	Plant Code: <u>YQ</u>	Cost Center: <u>0282</u>	Project/Task:	Date Needed By:	<input type="checkbox"/> Return Sample <input checked="" type="checkbox"/> Discard Sample
SAMPLE OF: <u>Wipe test of Radioactivity</u>					
SAMPLE NUMBER(S): <u>4600 LU</u>					
SAFETY HAZARDS					
<input type="checkbox"/> Toxic		<input type="checkbox"/> Skin Irritant		<input type="checkbox"/> Low Flash Point	
<input type="checkbox"/> Explosive		<input type="checkbox"/> Spontaneous Flammable		<input type="checkbox"/> Non-Hazardous	
<input type="checkbox"/> Lachrymator				<input type="checkbox"/> Unusual Chemical Reactive	
NAME	DEPARTMENT	BUILDING	DOOR	PHONE	
<u>Mark Cann</u>				<u>636-479-2221</u>	
RELATIVE ERROR SUFFICIENT, ETC.	APPROXIMATE LEVEL, ETC.		LOWER LIMIT, ETC.		
ANALYSIS REQUEST AND REASON FOR REQUEST. (PLANT OR PROJECT RELATED). INDICATE DOLLAR (\$) VALUE TO DOW.					
<u>Please Analyze for Radioactivity</u>					
RESULTS:					
<b>ALL WIPES BELOW          DETECTION LIMIT OF          50 dpm/WIPE (2.3 x 10<sup>-4</sup> µCi/wipe)</b> INITIAL <u>AM</u> DATE <u>11/07/05</u>					
SIGNATURE: <u>Christy Mally</u>	PHONE: <u>638-8432</u>	BUILDING: <u>1803</u>			
DATE FINISHED: <u>11/07/05</u>	HOURS: <u>1</u>	RESULTS PHONED:	REVIEWED BY: <u>SC Hansen</u>		

11-7-05

**CUSTOMER REQUEST**  
**H & ES ANALYTICAL CHEMISTRY LABORATORY**

**DOW CHEMICAL U.S.A**

ES-AL NUMBER 4603

LS: 6122-2234

Date: <u>10-28-05</u>	Plant Code: <u>YQ</u>	Cost Center: <u>0282</u>	Project/Task:	Date Needed By:	<input type="checkbox"/> Return Sample <input checked="" type="checkbox"/> Discard Sample
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SAMPLE OF: Wipe test of Radioactivity

SAMPLE NUMBER(S): 47224

SAFETY HAZARDS

<input type="checkbox"/> Toxic	<input type="checkbox"/> Skin Irritant	<input type="checkbox"/> Low Flash Point
<input type="checkbox"/> Explosive	<input type="checkbox"/> Spontaneous Flammable	<input type="checkbox"/> Non-Hazardous
<input type="checkbox"/> Lachrymator		<input type="checkbox"/> Unusual Chemical Reactive

NAME	DEPARTMENT	BUILDING	DOOR	PHONE
<u>Mark Cann</u>				<u>636-479-2221</u>

RELATIVE ERROR SUFFICIENT, ETC.	APPROXIMATE LEVEL, ETC.	LOWER LIMIT, ETC.
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ANALYSIS REQUEST AND REASON FOR REQUEST. (PLANT OR PROJECT RELATED). INDICATE DOLLAR (\$) VALUE TO DOW.

Please Analyze for Radioactivity

RESULTS:

**ALL WIPES BELOW  
DETECTION LIMIT OF  
50 dpm/WIPE (2.3 x 10<sup>-3</sup> µCi/wipe)  
INITIAL DXM DATE 11/07/05**

SIGNATURE: <u>Lindsay D. Hall</u>	PHONE: <u>638-8432</u>	BUILDING: <u>1823</u>
DATE FINISHED: <u>11/07/05</u>	HOURS: <u>1</u>	RESULTS PHONED: REVIEWED BY: <u>SC Hansen</u>

11-7-05





The Dow Chemical Co,  
500 Dow Industrial Dr.  
Pevely, MO 63070



**RETURN RECEIPT  
REQUESTED**

Materials Licensing Section  
U.S. Nuclear Regulatory Commission, Region III  
2443 Warrenville Rd., Suite 210  
Lisle, IL 60532-4352

