

# Type 1 Facility Closeout Report

<b>Section A. Facility Data</b>	
Facility No.	331S
Facility Descriptor:	Storage Building for Garage
Project:	RISS, Area 3 D&D
Date of Demolition:	March 24, 2005
Additional Information:	Building 331S was used to store tires, new drummed products, non-regulated used adsorbent and spare parts. There were no utilities for 331S. All of the structure and concrete slab was removed to 3' below final grade.
<i>(Must include information on environmental releases and conditions of site at turnover to Environmental Restoration)</i>	

<b>Section B. Final Characterization Data</b>	
<b>Reconnaissance Level Characterization Report</b> <i>(concurrence received)</i>	
	Waste Release Evaluation 050301-T130F-002
In-process Characterization	NA
Pre-Demolition Survey Report <i>(approval received)</i>	NA
Post-Demolition Survey Report <i>(as necessary)</i>	NA

<b>Section C. Waste Data <i>(complete categories as appropriate)</i></b>	
<b>Sanitary Disposal</b>	
Disposal Site:	Front Range Landfill, Erie, Colorado
Waste Volume (m <sup>3</sup> ):	1080 cubic yards
Waste Weight (tons):	502 tons
Additional Information:	Miscellaneous building debris and concrete slab
<b>Hazardous Disposal</b>	
Disposal Site:	
Waste Volume (m <sup>3</sup> ):	
Additional Information:	
<b>TSCA Waste Disposal</b>	
Disposal Site:	
Waste Volume (m <sup>3</sup> ):	
Additional Information:	
<b>Asbestos Waste Disposal</b>	
Disposal Site:	
Waste Volume (m <sup>3</sup> ):	
Additional Information:	
<b>Low-Level Waste Disposal</b>	
Disposal Site:	
Waste Volume (m <sup>3</sup> ):	
Additional Information:	
<b>Low-Level Mixed Waste Disposal</b>	
Disposal Site:	
Waste Volume (m <sup>3</sup> ):	
Additional Information:	
<b>Recycled Material</b>	
Recycle Facility:	
Waste Volume (m <sup>3</sup> ):	
Additional Information:	
<b>Property Disposition</b>	
Receiver Locations <i>(major items only)</i> :	
Volume (m <sup>3</sup> ):	
Weight (tons):	
Additional Information:	

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# Type 1 Facility Closeout Report

Section D. Approvals

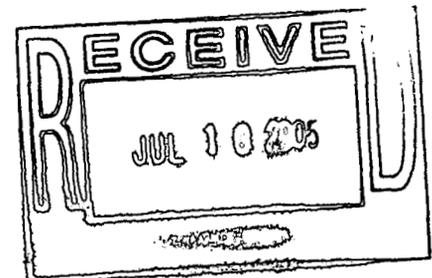
Kaiser-Hill Project Manager

Name/Signature

CJ Freeman / *[Signature]*

Date

07/06/05



ADMIN RECORD

Property       Waste       Sample

**RELEASE EVALUATION FORM**

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Release Evaluation No.: 050301-T130F-002 EXTENDED: No EXPIRES: NA Charge No.: EHC331CH  
**PART I** SENDER/CUSTODIAN ACKNOWLEDGEMENT

**Description of Property/Waste/Sample To Be Released/Transferred:** Construction debris to include the concrete slab and other materials associated with 331S..

**Current Location:** Buildings 331S

<b>Destination: Front Range Landfill</b>		<b>Tower Road Landfill</b>		<b>Hwy 93- Foothills Landfill</b>
Republic Services		BFI Waste Systems		BFI Waste Systems
1830 Weld County Rd	OR	88 <sup>th</sup> Ave. and Tower Rd.	OR	8900 Highway 93.
Erie, CO 80516		Commerce City, CO 80022		Golden, CO 80403

**New Recipient/Custodian:** Same as above

**History/Process Knowledge:** Building 331S was used to store tires, new drummed product, non-regulated used absorbent and spare parts. It was never posted as a CA/RMA

Has the specified material ever been in an RBA/CA or contacted DOE controlled radioactive materials? No

- 1) By signing below, I certify information provided in Part I of this release evaluation to be true and accurate.
- 2) By signing below, I agree to comply with the specific requirements noted in Part II of this release evaluation.

Sender/Custodian: Steve Mager / *Steve Mager* Emp. No: [Redacted] Date: 3/1/05 Ext: 5624

**PART II** **RADIOLOGICAL ENGINEERING**

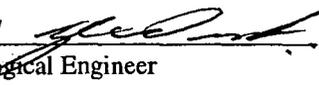
**SPECIFIC REQUIREMENTS AND/OR COMMENTS:**

**Building 331S requires further radiological characterization prior to unrestricted release. Collect 10 removable and direct alpha measurements and scan 10% of the interior and exterior surfaces**

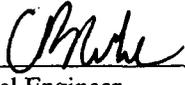
- 1.) Custodian, retain a copy of all documents required by this release evaluation. The sender/custodian will be responsible for ensuring a copy of this release evaluation is available for auditing/due diligence purposes.
- 2.) Custodian, ensure that all soil is removed from the collected waste upon demolition, prior to waste disposal. If indicated waste/soil is to remain at the applicable current locations, this statement may be disregarded. This release evaluation does not address the removal of soil from the site. Custodian is responsible for ensuring this requirement is met.
- 3.) Radiological Engineer, process release evaluation to indicate an unrestricted free-release. Sign all appropriate documentation required for the disposition of the affected items.

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Evaluated: Roger Worrick /  Emp. No: ██████ Date: 3/1/05 Ext: 3357  
 Radiological Engineer

**APPROVAL FOR TRANSFER/SHIPMENT**

Approved: Chad Blake /  Emp. No: ██████ Date: 3/23/05 Ext: 5909  
 Radiological Engineer

**PROPERTY/WASTE RELEASE EVALUATION SIGNATURE REQUIREMENTS****Release Evaluation for Waste:**

A Release Evaluation for Waste requires an evaluation and unrestricted release approval signature. The evaluation signature is by the Radiological Engineer (RE) providing the methods or criteria for unrestricted release (i.e., survey requirements, analytical requirements, no survey required, etc.). The unrestricted release approval signature for a Release Evaluation for Waste shall be a RE authorized to provide unrestricted release approval. In addition, the evaluation and unrestricted release approval signatures shall not be the same RE. The intent of this provision is to provide peer review of the evaluation and method of unrestricted release. It is important the RE take the peer review process seriously and not become a "rubber stamp" for their fellow engineer.

**Release Evaluation for Property:**

A Release Evaluation for Property requires an evaluation and unrestricted release approval signature. For a Release Evaluation for Property, the evaluation and unrestricted release signature may be the same RE. In the past, only one signature was required for property for which a RE could provide an unrestricted release on the basis of process knowledge/history.

**Release Evaluation for Samples:**

Samples are any waste or material that is being shipped to an off-site facility for analysis. Samples that may be provided with an unrestricted release using process knowledge/history or standard contamination survey techniques may be authorized for shipment to an off-site facility using the signatory requirements specified for property. Samples which cannot be provided with an unrestricted release using process knowledge/history or standard contamination survey techniques shall be authorized for shipment from the Site using the methodology specified for waste, i.e., second signature being provided by a RE authorized to perform peer review and approval for shipment.

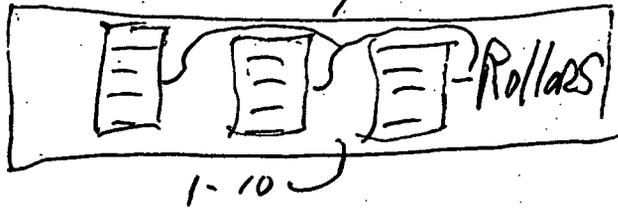
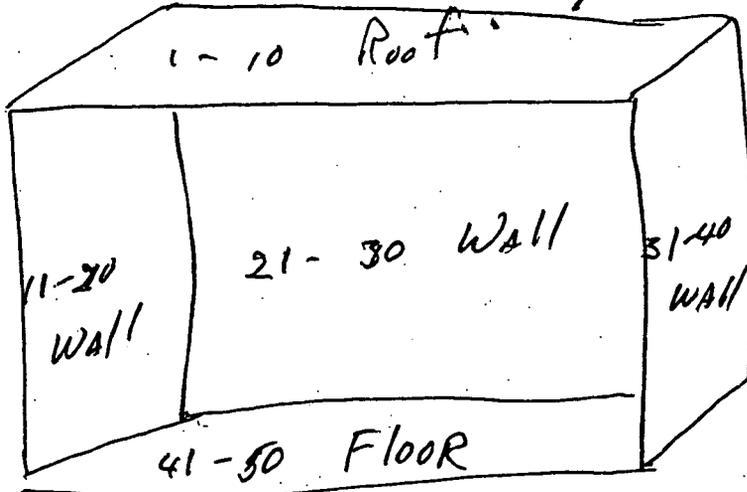
ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE							
SURVEY RESULTS							
Swipe #	LOCATION/ DESCRIPTION	ALPHA			BETA		
		Swipe	Direct	Wipe	Swipe	Direct	Wipe
		dpm/100cm <sup>2</sup>	dpm/100cm <sup>2</sup>	dpm/wipe	dpm/100cm <sup>2</sup>	dpm/100cm <sup>2</sup>	dpm/wipe
21		120	194	N/A	1258	< 438	N/A
22		120	194	N/A	1258	< 438	N/A
23		120	194	N/A	1258	< 438	N/A
24		120	194	N/A	1258	< 438	N/A
25		120	194	N/A	1258	< 438	N/A
26		120	194	N/A	1258	< 438	N/A
27		120	194	N/A	1258	< 438	N/A
28		120	194	N/A	1258	< 438	N/A
29		120	194	N/A	1258	< 438	N/A
30		120	194	N/A	1258	< 438	N/A
31		120	194	N/A	1258	< 438	N/A
32		120	194	N/A	1258	< 438	N/A
33		120	194	N/A	1258	< 438	N/A
34		120	194	N/A	1258	< 438	N/A
35		120	194	N/A	1258	< 438	N/A
36		120	194	N/A	1258	< 438	N/A
37		120	194	N/A	1258	< 438	N/A
38		120	194	N/A	1258	< 438	N/A
39		120	194	N/A	1258	< 438	N/A
40		120	194	N/A	1258	< 438	N/A
41		120	194	N/A	1258	< 438	N/A
42		120	194	N/A	1258	< 438	N/A
43		120	194	N/A	1258	< 438	N/A
44		120	194	N/A	1258	< 438	N/A
45		120	194	N/A	1258	< 438	N/A
46		120	194	N/A	1258	< 438	N/A
47		120	194	N/A	1258	< 438	N/A
48		120	194	N/A	1258	< 438	N/A
49		120	194	N/A	1258	< 438	N/A
50		120	194	N/A	1258	< 438	N/A
1	Rollers	120	194	N/A	1258	< 438	N/A
2		120	194	N/A	1258	< 438	N/A
3		120	194	N/A	1258	< 438	N/A
4		120	194	N/A	1258	< 438	N/A
5		120	194	N/A	1258	< 438	N/A
6		120	194	N/A	1258	< 438	N/A
7		120	194	N/A	1258	< 438	N/A
8		120	194	N/A	1258	< 438	N/A
9		120	194	N/A	1258	< 438	N/A
10	Rollers	120	194	N/A	1258	< 438	N/A
NA				N/A			N/A
				N/A			N/A
				N/A			N/A

ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE

RADIOLOGICAL SAFETY

Drawing Showing Survey Points

Oil Shed - 331  
SI-60. Back Wall



**Building 331S Location Map**

**Standard Map Features**

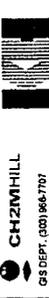
-  Demolished Facility
-  Remaining Facility
-  Demolished Roads
-  Paved Roads
-  Dirt Road
-  Pond
-  Railroad Removed
-  Railroad Remaining
-  Fence Remaining
-  Stream

State Plane, Colorado Projection  
Colorado Central Zone (3476)  
Datum: NAD27



U.S. Department of Energy  
Rocky Flats Environmental Technology Site

Prepared By:

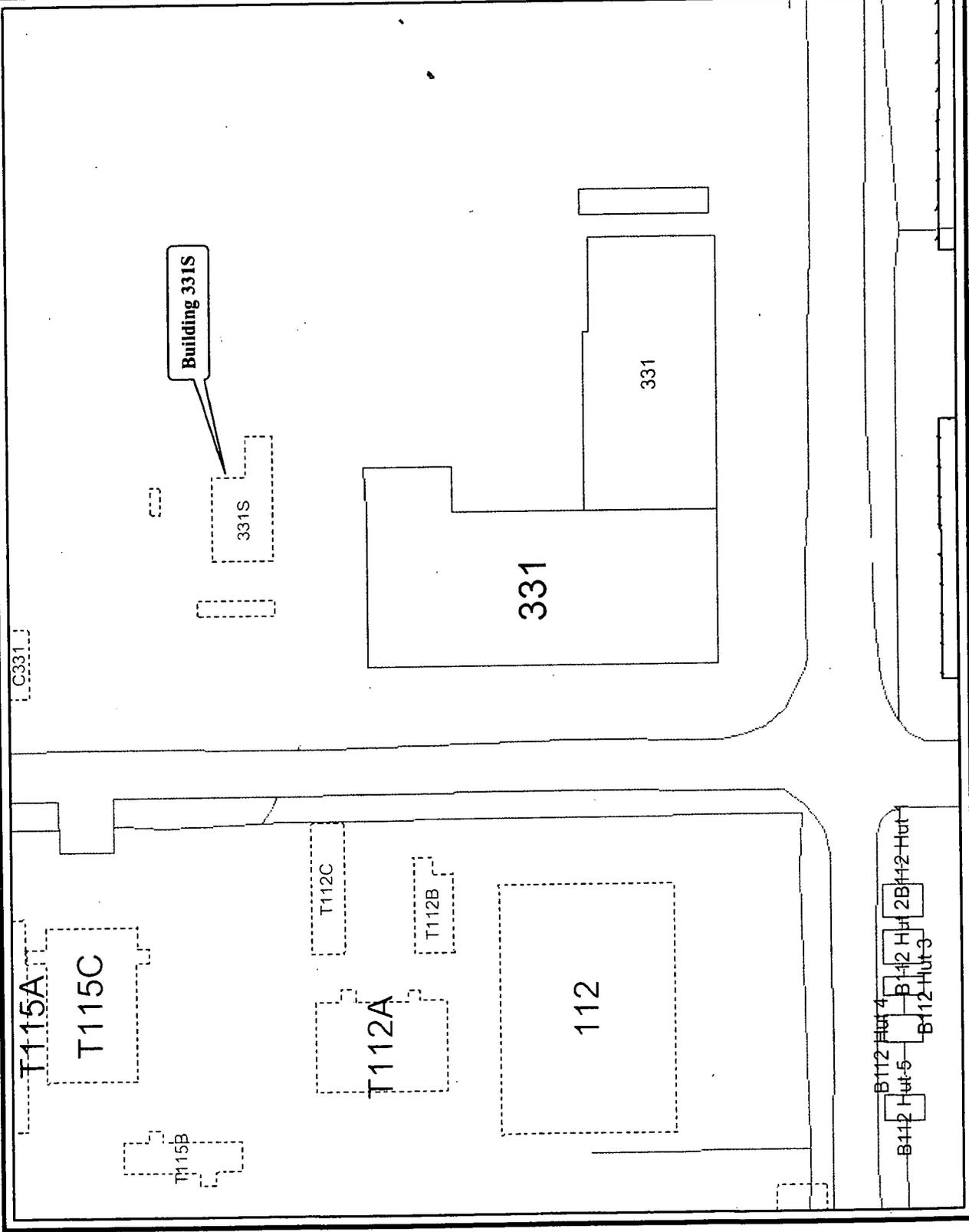


CH2M HILL  
GS DEPT. (300) 946-7707



KAISER HILL  
COMPANY

DATE: 9/20/05



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