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ROCKY FLATS PROJECT OFFICE
12101 AIRPORT WAY, UNIT A
BROOMFIELD, COLORADO 80021-2583

SEP 29 2005

05-DOE-00586

Mr. Carl Spreng
Rocky Flats Cleanup Agreement Project Coordinator
Colorado Department of Public Health and Environment
4300 Cherry Creek Drive South
Denver, Colorado 80246-1530

Dear Mr. Spreng:

Please find enclosed the completed Rocky Flats Cleanup Agreement (RFCA) Type 3 Facility Final Project Closeout Report for Building 371, DWF-101-05, dated September 2005. This report is submitted in accordance with RFCA for your review and approval. The DOE will conduct a technical review concurrent with your review.

Questions may be directed to Rich Schassburger, Rocky Flats Project Office, at (303) 966-4888.

Sincerely,

A handwritten signature in black ink, appearing to read "John J. Ranpe".

John J. Ranpe, Director
RFPO Closure Project Management

Enclosure

cc w/o Encl.:

S. Nesta, K-H, RISS Env
J. Heber, K-H RISS D&D
K. Wiemelt, K-H RISS D&D

cc w/Encl.:

W. Seyfert, RFCPM, RFPO
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Administrative Record



September 22, 2005

05-RF-00883

Mr. Richard Schassburger
Headquarters Cadre Project Management
DOE, RFPO

TRANSMITTAL OF THE FINAL PROJECT CLOSEOUT REPORT FOR THE 371
CLUSTER - DWF-101-05

Enclosed is a copy of the Final Project Closeout Report for the 371 Cluster, Type 3
Facility. Also enclosed are five color copies of Figures 1 and 2 to accompany
additional copies of the document.

The report is submitted to document completion of Deactivation and
Decommissioning activities for the 371 Cluster. Transmittal of a color copy to the
Colorado Department of Public Health and Environment (CDPHE) and the
Environmental Protection Agency (EPA) in accordance with the Rocky Flats Clean-
Up Agreement is requested.

If you have any questions please contact Steve Nesta at extension 6386.

Dennis W. Ferrera

Dennis W. Ferrera
Vice President and Project Manager
Remediation, Industrial D&D, and Site Services

SMN/plh

Enclosure:
As Stated

Original and 1 cc - Richard J. Schassburger

cc:
John Rampe, DOE-RFPO

**ROCKY FLATS ENVIRONMENTAL
TECHNOLOGY SITE**

**Decommissioning
Closeout Report**

371 Closure Project

Revision 0

September 2005

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FIGURE 1

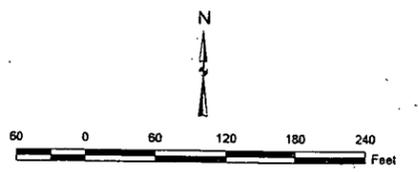
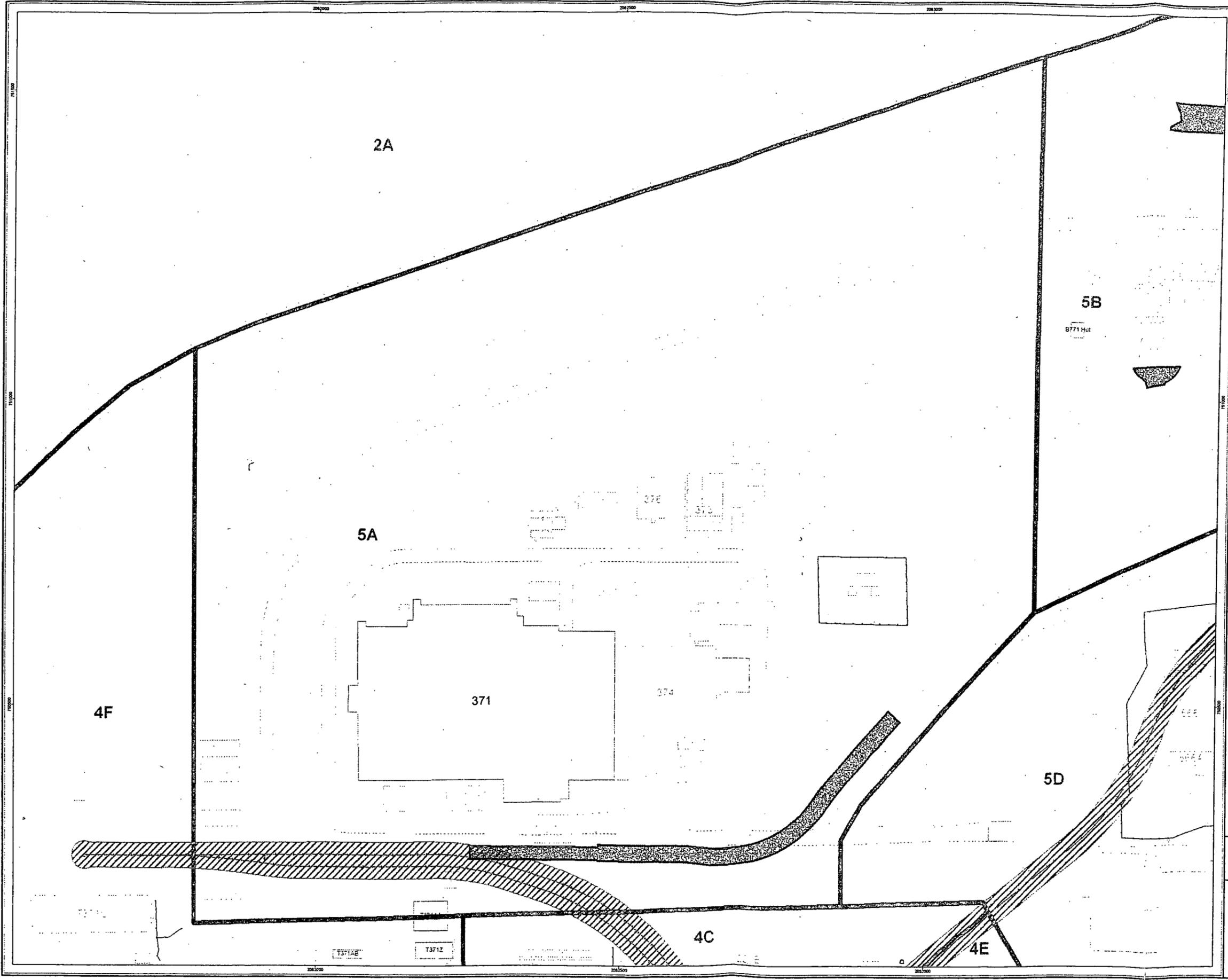
Sector 5A Underground Utilities

EXPLANATION
 Sectors
 Manholes *

NOTE: Hatched line symbols represent removed features.
* Color indicates utility type.

Standard Map Features

-  Demolished Facility
-  Remaining Facility
-  Demolished Roads
-  Paved Roads
-  Dirt Roads
-  Railroad Removed
-  Railroad Remaining
-  Fence Remaining
-  Stream or Ditch
-  Lakes and Ponds
-  Excavation Area
-  Riprap Areas
-  Wetlands



State Plane Coordinate Projection
Colorado Central Zone (3475)
Datum: NAD27

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

Prepared By:

GIS DEPT. (303) 866-7707

Prepared For:


DATE: 9/13/2005

PATH: \\GIS\GIS\Projects\Utilities\Sector 5A-b.mxd

The above-grade frame was structural steel. The building was a reinforced concrete structure located adjacent to the east side of Building 371.

The below-grade walls were reinforced concrete. The exterior walls above grade were vertical, twin tee, pre-cast concrete siding, or cast-in-place reinforced concrete. The dock walls were concrete block. Most floors were pour-in-place reinforced concrete, but some mezzanine floors were steel decking supported by structural steel members. Ceilings in the process areas were generally the underside of the roof or poured reinforced concrete floor above. The roof system consisted of metal decking with lightweight concrete topping followed by a built-up tar and gravel roofing applied over the concrete topping.

The Building 374 Waste Recovery Processes provided liquid waste treatment of low-level radioactively contaminated wastes. Treatment consisted of acid neutralization, sludge solidification, radioactive decontamination, evaporation, and the saltcrete process. The equipment for liquid waste treatment was located throughout Building 374. The following discussion provides a brief overview of different liquid waste treatment processes.

Wastes were piped into Building 374 from Buildings 122, 371, 428, 443, 444, 566, 559, 707, 774, 776, 778, 865, 881 and 883. Effluents from the steam plant, Building 443, and the laundries, Buildings 566 and 778, are not RCRA permitted and are currently diverted to the site sewage treatment plant even though the capability remains to pump these effluents to Building 374. Effluents from Building 122 went to Building 428 before being pumped to Building 374.

1.1.3 Exterior Storage Tanks (Type 2)

Five above ground storage tanks in Building 374 were identified as Type 2 facilities:

- Tanks T-802, T-803, T-804, and T-805 were the 1st through 4th effect vapor body tanks associated with the Building 374 evaporation process. The four tanks were located north of the Building 374 side of Building 371/374 and had a concrete berm, which is constructed of portable concrete road barriers.
- Tank W-803 was the spray dryer tank, located north of the Building 374 side of Building 371/374. The upper part of the tank extended into the mezzanine level of Building 371/374. The tank had a concrete berm and was surrounded by a plywood weather wall.

Table 1-1 lists all facilities associated with the Building 371/374 Cluster.

Table 1-1. Facilities Comprising the Building 371/374 Closure Project

Facility	Type	Description
Building 371	3	Plutonium recover facility
Building 374	3	Process waste treatment facility
Building 373	1	Pump House
Building 374A	1	Carpentry shops
Building 377	1	Air compressor building
Building 378	1	Waste collection pump house
Building 381	1	Fluorine storage building
Tank T-262	1	Petroleum underground storage tank (UST)
Tank T-262A	1	Petroleum AST
Tanks T-802 to T-805	2	Evaporation process vapor body tanks
Tank W-803	2	Spray dryer tank
CT911	1	Cooling Tower
Trailer T371G, H, J, K, S, T376A	1	Offices

1.1.4 Building 373 (Type 1)

Building 373 was the Cooling Tower/Pump-House. The cooling tower was constructed from wood and Transite™ materials. Building 373 was a small reinforced concrete structure 18' - 6" X 16.0' X 12.0' high constructed of reinforced concrete. B373 had a larger basement (also a reinforced concrete structure), or pump vault, which was approximately 18' wide X 40' long X 20' high and contained three large pumps that operated the three tower system.

1.1.5 Building 374A (Type 1)

The Carpenter Shop, Building 374A, was located at the east end of Dock 5. The building was constructed of wood in two attached sections. The east section was approximately 12' X 20' X 8' high, and the west section was approximately 27' X 20' X 8' high, for a combined square footage of approximately 800 square feet. The Building 374 Carpenter Shop served the carpenter support needs of the Building 371/374 Complex for approximately 20 years. This structure was made from wooden frame structure and uses Transite siding (asbestos containing material).

1.1.6 Building 377 (Type 1)

B377 was the Air Compressor Building that supported the cement pneumatic transfer system for the Building 374 Waste Cementation Process. It was located directly north of Building 374. This support building had 120 square feet of floor space and was approximately 15'- 4" X 10.0' X

12.0' tall at the roof eave. The walls and roof were corrugated sheet metal. The floor was reinforced concrete. Building 377 operated when the waste cementation processes were operating in Building 374.

1.1.7 Building 378 (Type 1)

The Building 378 Waste Collection Pump House was also known as the Building 374 Product Water Pump House. This support building had 130 square feet of floor space and was approximately 14.0' X 10.0' X 8.0' tall at the roof eave. The floor was reinforced concrete. The walls and roof were corrugated sheet metal.

1.1.8 Building 381 (Type 1)

Building 381 was the fluorine storage building for the Building 371 Direct Fluorination Process. Building 381 was a concrete block construction with poured reinforced concrete floors and roof. The fluorine supply building was decommissioned around 1993. This support building had 1320 square feet of floor space and was approximately 30' X 42' X 12' tall at the roof eave. Building 381 is divided into 5 rooms or compartments. Four of the rooms were designed for storage of fluorine gas cylinders hooked to fluorine gas manifolds to supply the B371 Direct Fluorination Process. B381 operated as designed for approximately three years when the "hot startup" of Building 371 began in the 1980 through 1983 time frame. The fluorine gas cylinders were removed and the building was decommissioned in 1988.

1.1.9 B371 Cluster Exterior Tanks

There were a number of exterior tanks included in the Building 371/374 Cluster. Most of these tanks supplied the Cluster with various liquefied gases, cement, acids, liquid potassium hydroxide, and other chemical products.

These tanks were exterior to the buildings and located north of the cluster as follows:

- Tank 163, the west Product Water Tank, north of Building 374
- Tank 164, the east Product Water Tank, north of Building 374 - Tanks 163 and 164 had an in-ground concrete berm approximately 40' X 140' X 8' deep. This concrete in-ground berm had a large gate valve in the northeast corner for draining the berm. The in-ground berm also had two 24" storm drain pipes leading into it one on the west berm wall at the bottom another storm drain pipe in the west wall near the top south corner.
- Tank 165, the Cement Silo, west of Building 371
- Tank 167, Nitric Acid Storage Tank (aka D-222), north of Building 374 - Tank 167 has an asphalt lined earth berm approximately 4 feet deep all around the tank.
- Tank 168, Potassium Hydroxide Storage Tank (AKA D-225), north of Building 374
- Tank 169, Potassium Hydroxide Storage Tank (aka D-842), north of B374 - The two Potassium Hydroxide Storage Tanks, Tanks 168 and 169 shared an asphalt lined earth berm all around the two tanks approximately 4 feet deep.
- Tank 170, Liquid Nitrogen Storage Tank, north of Building 374 & Door 17D

- Tank 224, 1ST Effect Vapor Body Tank (water with sodium hydroxide), N of B374
- Tank 225, 2ND Effect Vapor Body Tank (water with sodium hydroxide), N of B374
- Tank 226, 3RD Effect Vapor Body Tank (water with sodium hydroxide), N of B374 – Tanks 224, 225, and Tank 226 had an L-shaped plywood weather walls at approximately the Mezzanine level of Building 374; the plywood wall was approximately 36' X 8' X 1" thick.
- Tank 227, 4TH Effect Vapor Body Tank (water with sodium hydroxide), N of B374 – All of the 4 Tanks 224, 225, 226, & 227 had a concrete berm constructed from concrete portable road barriers 8" X 24" around and under the tanks approximately 20' X 50' X 3' high; the constructed berm was lined with a neoprene-type material to make it sodium hydroxide and/or weak acid resistant.
- Tank 228, Spray Dryer Tank, north of Building 374 – Around Tank 228, Spray Dryer Tank, was a 15' X 15' X 8' X 1" thick plywood weather wall with a hasp locking 3' wide plywood access door. Underneath Tank 228 was a 8' X 8' X 1' X 6" thick concrete berm. The upper part of Tank 228 was housed inside the Mezzanine Level Building 374 Room 4812. Room 4812 had a concrete floor supported on 8" I-beams from the ground level. The exterior of Room 4812 was covered with corrugated metal siding.
- Tank 262 (aka Tank 171), underground storage tank for No. 2 diesel fuel – Tank 262 has been drained, taken out of service, and filled with foam. It was left in place.
- Tank 262A (aka TK-4), aboveground storage tank for No.2 diesel fuel
- Tank 163, This tank was never put into service. (Out of service.)
- Tank 164, This tank was never put into service. (Out of service.)
- Tank 165, the Cement Silo, (Operable on an as-needed basis.)
- Tank 167, Nitric Acid Storage, (Operable on an as-needed basis.)
- Tank 168, Potassium Hydroxide Storage, (Operable on an as-needed Basis.)
- Tank 169, Potassium Hydroxide Storage, (Operable on an as-needed Basis.)
- Tank 170, Liquid Nitrogen Storage, (In service.)
- Tank 224, 1ST, (Operable on an as-needed basis.)
- Tank 225, 2ND, (Operable on an as-needed basis.)
- Tank 226, 3RD, (Operable on an as-needed basis.)
- Tank 227, 4TH, (Operable on an as-needed basis.)
- Tank 228, Spray Dryer Tank, (Operable on an as-needed basis.)
- Tank 262, (aka Tank 171) Underground storage No. 2 fuel Tank (Out of service.)
- Tank 262A (aka TK-4) Above ground storage No. 2 fuel tank, (In service.)

1.1.10 Trailers (Type 1)

The following trailers were included in the Building 371 cluster: T371G, H, J, K, S, T376A. These trailers were all former offices.

1.2 Verification That DOP Requirements Were Met

From three alternatives for the long-term disposition of facilities presented in the *RSOP for Facility Disposition*, decommissioning and demolition was selected for all RFETS facilities

including Buildings 371 and 374. Decommissioning activities for the Building 371/374 Closure Project were planned and executed within the scope of the *RSOP for Facility Component Removal, Size Reduction, and Decontamination Activities* and the *RSOP for Facility Disposition*, which discuss the applicable removal, size reduction, decontamination, and demolition techniques and associated hazards, and outlines the measures employed to protect worker health and safety and the environment. The purpose of this DOP is to describe the specific decommissioning activities that were performed in the Type 3 and Type 2 facilities within Building 371/374 Closure Project (e.g., decontamination and demolition of the central storage vault [CSV]). As determined by the RLC and reported in the *RLCR for the Building 371/374 Cluster*, Buildings 371 and 374 had been identified as Type 3 facilities, and the ASTs that are used to support the aqueous waste treatment system (i.e., Tanks T-167, T-168, T-169, and T-224 through T-228) are Type 2 facilities. The remaining facilities are Type 1 facilities and therefore not included within the scope of the DOP.

The following summarizes the major requirements of the decommissioning and demolition alternative and specific verification that they were achieved:

1. Characterization - the project thoroughly characterized the facilities and process systems to identify the location and extent of radiological, chemical, industrial, and other hazards. The results of these efforts are documented in the Reconnaissance Level Characterization Reports, Pre-demolition Survey Reports (PDSRs) and the Final Status Survey Report (FSSR).
2. Component removal and size-reduction - this included strip-out, decontamination, size-reduction (if necessary), and packaging of all equipment in the facilities. Included were gloveboxes and glovebox internal equipment, tanks, ventilation systems, and process and utilities piping. All equipment was removed and packaged, per the individual dismantlement set closeout reports. Following dismantlement set completion, the DOE and LRA performed a field walk-down to verify component removal and approved each set closeout report.
3. RCRA regulated unit closure - the DOP Appendix A lists the Building 371/374 RCRA-Regulated Units and includes 33 container storage units, five gloveboxes, seven vaults, nine treatment units and 101 hazardous waste tanks. The units were decontaminated and/or dispositioned in accordance with the requirements of Section 6 of the DOP, as summarized in Section 10 of this report.
4. Under-building characterization - this step was undertaken to determine the extent of under-building remediation, if any, that would be required. 188 surface and subsurface soil samples from beneath and around Buildings 371 and 374 were collected and analyzed. The data summary and associated data analysis, which determined that the No Further Action Alternative (NFAA) was applicable, are contained in the *Data Summary Report, IHSS Groups 330-3 and 300-4*, dated August 2003.
5. Decontamination - this step involved removing contamination from floors, walls, and ceilings. All structural surfaces were decontaminated to the applicable release criteria, surveyed, and released for disposition. Survey results were documented in each decommissioning area's PDSR or FSSR. The DOE and LRA approved each PDSR and FSSR prior to demolition.

6. Demolition - all structures in the Building 371/374 project were removed to a depth of at least minus three feet of final proposed grade.
7. Site Restoration - the Building 371 and 374 sites were backfilled following demolition. Topsoil, seeding, and erosion controls were also placed and installed.

2.0 Project Description

Building 371/374 decommissioning scope was subdivided into dismantlement sets and decommissioning areas. This distinction was made to plan work in logical sequence and comply with terms of the two collective bargaining agreements. In general, Steelworkers completed work on dismantlement sets, and Building Trades completed work on decommissioning areas. Per collective bargaining agreements, Steelworkers completed work on systems with removable contamination greater than 2,000 disintegrations per minute (dpm). Building trades generally worked in areas removing systems and equipment with removable contamination less than 2,000 dpm.

2.1 Dismantlement Sets

Dismantlement sets included scope to remove contaminated gloveboxes, tanks, process piping, ducts, filter plenums, and other related equipment. In many sets, fire suppression and alarm systems, ambient lighting, domestic water, sanitary drains, and various tools were left in place for later removal. Dismantlement consisted of planning, disassembly and removal of equipment components and satisfactory waste packaging for disposal.

Table 2-1 contains the dismantlement sets descriptions from the original DOP, which contained some gaps in the numerical sequence. There were 5 modifications to the DOP in which changes were made to the sets, further changing the numerical sequence. Attachment C shows the locations of all of the sets originally proposed in the DOP and surveyed for the PDSR (sets 18, 19, 56, 57, and 58 do not appear on the PDSR maps).

Table 2-1. Building 371/374 Dismantlement Sets

Set	Description
1	This Set includes Room 4301 and involves the removal and packaging of piping, conduit, and ventilation, as necessary.
2	This Set includes Rooms 4202 and 4303 and involves the removal and packaging of piping, conduit, and ventilation, as necessary.
3	This Set includes Room 3517 and involves the removal and packaging of Gloveboxes 61, 63, and 65; Tanks D-64, D-65, D-132A, D-132B, and D-132C; and Trolley Hoist CV-26. Items internal to these gloveboxes and tanks, and external equipment will also be removed. Piping, conduit, and ventilation will be removed, as necessary, to facilitate access to the gloveboxes, tanks, and equipment.
4	This Set includes Room 3571 and involves the removal and packaging of Glovebox 66; Tanks D-133, D-150, D-151, D-152A, D-152B; Evaporator-Reboiler E-55; Evaporator Bottoms Cooler E-56; Condenser E-57; and Nitric Acid Feed Heat Exchanger E-62. Items internal to these gloveboxes and tanks, and external equipment will also be removed. Piping, conduit, and ventilation will be removed, as necessary, to facilitate access to the gloveboxes, tanks, and equipment.
5	This Set includes Room 3573 and involves the removal and packaging of Gloveboxes 64 and 67, and Tanks D-134A, D-134B, D-134C, D-135A, D-135B, D-289A, D-289B, and D-289C. Items internal to the contaminated gloveboxes and tanks, and external equipment will also be removed. Piping, conduit, and ventilation will be removed, as necessary, to facilitate access to the gloveboxes, tanks; and equipment.
6	This Set includes the Oxide and Residue Tank Vaults (Rooms 3563 and 3559), the Ion Exchange Canyons (Rooms 3553, 3549 and Airlock 3551), the Ion Exchange Valve Maintenance Corridor (Rooms 3543, 3545, 3547, 3555, and 3557), and the Access Corridor (Room 3567). This Set involves the removal and packaging of Gloveboxes 58 and 59; Tanks D-49 A/B/C/D, D-50 A/B, D-51 A/B, D-52 A/B, D-55 A/B, D-56, D-57 A/B/C/D, D-59, D-61, D-63 A/B, D-66 A/B, D-68 A/B, D-69 A/B/C, D-72A/B, D-173 A/B, D-191, D-192, and D-305E; Oxide and Residue Ion Exchange Columns T-4 A/B/C, T-5 A/B/C, T-6 A/B/C/D, T-7 A/B/C/D, T-9 A/B, and T-28 A/B/C; and Downdraft Tables DDT-6 and DDT-9. Items internal to the contaminated downdraft tables, gloveboxes, and tanks will also be removed. Piping, conduit, and ventilation will be removed, as necessary, to facilitate access to the gloveboxes, tanks, and equipment.
7	This Set includes Rooms 3301, 3303, 3305, and 3315 and involves the removal and packaging of Gloveboxes 36, 37, 38 and 75; Pumps P-22, P-35, and P-99; 34 pencil tanks; and 4 raschig ring tanks. Items internal to the contaminated gloveboxes and tanks will also be removed. Piping, conduit, and ventilation will be removed, as necessary, to facilitate access to the gloveboxes and tanks.

13

Set	Description
8	This Set includes Rooms 3202, 3204, 3206, and 3208 and involves the removal and packaging of Gloveboxes 39, 40, 41, 42, 43, 44, and 45; 31 pencil tanks; 5 raschig ring tanks; and 1 annular tank. Items internal to the contaminated gloveboxes and tanks will also be removed. Piping, conduit, and ventilation will be removed, as necessary, to facilitate access to the gloveboxes and tanks.
9	This Set consists of the CSV and associated rooms, including Rooms 1204, 1206, 1218, 1216, 1220, 1224, and I/O Stations 1, 2, 3, 4, 5, 6, and 7. This Set involves removal and packaging of the plutonium storage racks, the primary and spare S/Rs, the stacker transfer vehicle, and the repair lift. Items internal to the contaminated I/O stations will also be removed. Piping, conduit, and ventilation will be removed, as necessary, to facilitate access to the I/O stations.
10	This Set includes Rooms 1208, 1210, and 2217 and involves the removal and packaging of the storage vault racks (Room 1208), Scrubbers D-230 A/B, and Tank D-715.
11	This Set includes Room 1101 and involves the removal and packaging of the storage vault racks.
12	This Set includes Rooms 1103, 1105, 1107, 1109, 1111, 1113, 1115, 1117, 1125, 1127, 2319, and 2327, and involves the removal and packaging of Gloveboxes 17, 18, 19, 20, 21, 22, 26, 27, 62, 68, 69, 70, 74, 2401, 2402, 2403, 2404; I/O Station 8; Tanks D-2A/B, D-157A/B, D-160 A/B/C, D-166, D-179, D-189, D-229 A/B, D-233 A/B, D-238A/B, D-40A/B, D-170, D-171, D-293 A/B, D-312, D-400 A/B/C, D-713, D-2401 A/B/C/D, D-2402 A/B, D-2403; Pencil Tanks D-43 A/B, and D-44 A/B; Pumps P-1 A/B, P-2 A/B, P-3 A/B, P-4 A/B, P-7 A/B, P-15A/B, P-27 A/B, P-70 A/B, P-76 A/B, P-82 A/B, P-83 A/B, P-108 A/B, and P-928 A/B; Scrubbers D-131 A/B, T-1, T-10, T-30, and T-31; and Evaporators E-63 A/B, A1 to A-5 and E-70. Control room equipment, conduit, and instrument systems will be removed as part of this Set. Items internal to the contaminated gloveboxes and tanks will also be removed. Piping, conduit, and ventilation will be removed, as necessary, to facilitate access to the gloveboxes, tanks, and equipment.
13	This Set includes Rooms 2307 and 2317 and involves the removal and packaging of Gloveboxes 76 and 77; Tanks D-67, D-277 A/B, D-292A/B, D-912, D-914, D-916, D-922 A/B, D-933; and Pump P-85A. Items internal to the contaminated gloveboxes and tanks will also be removed. Piping, conduit, and ventilation will be removed, as necessary, to facilitate access to the gloveboxes and tanks.
14	This Set includes Rooms 2323, 2325, and 2341 and involves the removal and packaging of Gloveboxes 8, 9, 10, 12, 13, 1526, and Tank D-1575. Items internal to the contaminated gloveboxes and tanks will also be removed. Piping, conduit, and ventilation will be removed, as necessary, to facilitate access to the gloveboxes and tanks.
15	This Set includes Room 2223 and involves the removal and packaging of Tanks D-934 A/B. Items internal to the contaminated tanks will also be removed. Piping, conduit, and ventilation will be removed, as necessary, to facilitate access to the tanks.

14

Set	Description
16	This Set includes Rooms 3511, 3521, 3523, and 3525 and involves the removal and packaging of Glovebox 33; Precipitation Tanks T-11 A/B/C/D, T-12 A/B/C/D, T-13 A/B/C/D; Furnaces F-4 A/B/C/D, F-5 A/B/C/D, F-6 A/B/C/D; Pneumatic Lifts, ME-94 A/B/C/D, ME-95 A/B/C/D, ME-96 A/B/C/D, ME-97 A/B/C/D, ME-98 A/B/C/D, and ME-99 A/B/C/D; Fluorination Tanks T-23 A/B/C/D; Fluorination Pumps C-1A/B; and associated equipment. Items internal to the contaminated gloveboxes and tanks will also be removed. Piping, conduit, and ventilation will be removed, as necessary, to facilitate access to the gloveboxes, tanks, and equipment.
17	This Set includes Rooms 3515 and 3531 and involves the removal and packaging of Glovebox 32; Furnaces F-10 A/B/C, F-16 A/B/C; Pneumatic Lifts ME-23 A/B, and ME-39 A/B/C; Master/Slave Manipulators ME-100 A/B, and ME-169 A/B; Fluorination Pumps C-1A/B; and associated equipment. Items internal to the contaminated gloveboxes and equipment will also be removed. Piping, conduit, and ventilation will be removed, as necessary, to facilitate access to the gloveboxes and equipment.
18	This Set includes Room 3801 and involves the removal and packaging of Gloveboxes 111, 112, 106, 108; Tanks D-808, D-812, D-813, D-814, D-815, D-816, D-817, D-818, D-819, D-820, D-821, D-822, D-823, D-826 A/B, D-827, D-845, D-878, D-883 A/B, D-884, and D-942; Polishing Filter FL-831; and Pumps P-810, P-811, P-812, P-817 A/B/C, P-828, P-837, P-838, P-843, P-845, P-846, P-852, P-857, and P-861. Items internal to the contaminated gloveboxes and tanks will also be removed. Piping, conduit, and ventilation will be removed, as necessary, to facilitate access to the gloveboxes, tanks, and equipment.
19	This Set includes Room 2804 and involves the removal and packaging of Gloveboxes 101 A/B, 102 A/B, 105 A/B, 155 A/B, 119; Tanks D-155A/B, D-801 A/B/C, D-802 A/B/C, D-804 A/B/C/D, D-811 A/B, D-824 A/B, D-843, D-847, D-851, D-852, and D-875; and Pumps 855 A/B/C. Items internal to the contaminated gloveboxes and tanks will also be removed. Piping, conduit, and ventilation will be removed, as necessary, to facilitate access to the gloveboxes, tanks, and equipment.
21	This Set includes Rooms 4802, 4812, the north portion of Room 3809, and one tank in Room 3801, and involves the removal and packaging of Tanks D-826 C, D-883 A/B, D-884, and D-885; Spray Dryer W-803; Spray Dryer Blowers B-805 A/B; Storage Hoppers H-804 and 805; and the Spray Dryer Bag Filter FL-803. Piping, conduit, and ventilation will be removed, as necessary, to facilitate access to the tanks and equipment.
22	This Set includes Room 2801, 2802, 2805, and 2808 and involves the removal and packaging of Filter Plenums FP-321 and FP-322; Supply Air Units SAU-301, SAU-302, and SAU-303; Chiller Units 701 A/B; and Pumps 703 A/B/C. Items internal to the filter plenums and external equipment will also be removed. Piping, conduit, and ventilation duct to the plenums and equipment will be removed, as necessary, to facilitate access to the filter plenums and equipment.

Set	Description
23	This Set includes the Americium Processing Tank Vault (Room 3337), Americium Processing Ion Exchange Canyons (Rooms 3327, 3331 and Airlock 3329), the Americium Processing Valve Maintenance Corridor (Rooms 3323, 3325, 3331, 3333, and 3335), and Access Corridor 3341. This Set involves the removal and packaging of Gloveboxes 52 and 54; Tanks D-82 A/B, D-84 A/B, D-86 A/B, D-87, D-88, D-89 A/B, D-90, D-95; Evaporators E-39 A/B, E-40 A/B, E-41 A/B, and E-45 A/B; and Downdraft Tables DDT-11 and DDT-12. Items internal to the gloveboxes, tanks, and equipment will also be removed. Piping, conduit, and ventilation will be removed, as necessary, to facilitate access to the gloveboxes, tanks, and equipment
24	This Set includes Room 3408 and involves the removal and packaging of Gloveboxes, 71, 72, and 73. Items internal to these gloveboxes and external equipment will also be removed. Piping, conduit, and ventilation will be removed, as necessary, to facilitate access to the gloveboxes and equipment.
25	This Set includes Room 3412 and involves the removal and packaging of Gloveboxes 48 A/B/C/D/E/F, 49 A/B/C/D/E/F/G/H, 50 A/B/C/D/E/F/G/H, 51 A/B/C/D/E, and Trolley Hoist CV-9. Items internal to these gloveboxes and external equipment will also be removed. Piping, conduit, and ventilation will be removed, as necessary, to facilitate access to the gloveboxes and equipment.
26	This Set includes Room 3602 and involves the removal and packaging of Gloveboxes 1, 2, 3 and Chainveyors, CV-27 and CV-62. Items internal to the gloveboxes and external equipment will also be removed. Piping, conduit, and ventilation will be removed, as necessary, to facilitate access to the gloveboxes and equipment.
29	This Set includes Rooms 3713, 3715, and 3717 and involves the removal and packaging of Gloveboxes 1509, 1510, 1514, 1521 A/B/C, and 1524. Items internal to these gloveboxes and external equipment will also be removed. Piping, conduit, and ventilation will be removed, as necessary, to facilitate access to the gloveboxes and equipment.
30	This Set includes Room 3701 and involves the removal and packaging of Gloveboxes 1500 A/B, 1502, 1503, 1504, 1506, 1509, 1509A, 1512, 1513, 1516, and 1518; and Tanks 1507A/B, 1518D, 1525A/B/C, 1530 A/B, 1535 A/B, 1536A, 1538A, 1539A/B/C, 1543A/B, 1545A/B, and 1575. Items internal to these gloveboxes and external equipment will also be removed. Piping, conduit, and ventilation will be removed, as necessary, to facilitate access to the gloveboxes and equipment.
31	This Set includes Room 3541 and involves the removal and packaging of drum storage operations.
32	This Set includes Rooms 3501 and involves the removal and packaging of drum storage operations.
33	This Set includes Room 3513 and involves the removal and packaging of drum storage operations.
34	This Set includes Room 3420 and involves the removal and packaging of drum storage operations.

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Set	Description
35	This Set includes Rooms 3606 and 3189 and involves the removal and packaging of drum storage operations.
36	This Set includes Rooms 3709 and 3719 and involves the removal of control room equipment.
38	This Set includes Rooms 2201, 2202, 2202 A/B/C, 2221, 2301, 2304, 2306, and 2316. Piping, conduit, and ventilation duct will be removed, as necessary, to provide support for adjacent Dismantlement Sets.
39	This Set includes the corridors on the sub-basement level. Items located in the corridor (i.e., external equipment) will also be removed. Piping, conduit, and remaining ventilation ductwork will be removed, as necessary, to provide support for adjacent Dismantlement Sets.
40	This Set includes Room 2203 and involves the removal and packaging of Filter Plenums FP-125 A/B. Items internal to these filter plenums and external equipment will also be removed. Piping, conduit, and ventilation duct to the plenums will be removed, as necessary, to facilitate access to the filter plenums and equipment.
41	This Set includes Room 2213 and involves the removal and packaging of Filter Plenums FP-241 and FP-242. Items internal to these filter plenums and external equipment will also be removed. Piping, conduit, and ventilation duct to the plenums will be removed, as necessary, to facilitate access to the filter plenums and equipment.
46	This Set includes Room 2207 and involves the removal of control equipment for ventilation and health physics vacuum equipment.
50	This Set includes a portion of Room 2310 and involves the removal and packaging of Filter Plenum FP-141. Items internal to the filter plenum and external equipment will also be removed. Piping, conduit, and ventilation duct to the plenum will be removed, as necessary, to facilitate access to the filter plenum and equipment.
51	This Set includes a portion of Room 2310 and involves the removal and packaging of Filter Plenum FP-142. Items internal to the filter plenum, and external equipment will also be removed. Piping, conduit, and ventilation duct to the plenum will be removed, as necessary, to facilitate access to the filter plenum and equipment.
52	This Set includes a portion of Room 2310 and involves the removal and packaging of Filter Plenum FP-243. Items internal to the filter plenum and external equipment will also be removed. Piping, conduit, and ventilation duct to the plenum will be removed, as necessary, to facilitate access to the filter plenum and equipment.
56	This Set includes a portion of Room 3801 and involves the removal and packaging of Gloveboxes 107 and 113 and Tanks D-806 and D-807 A/B. Items internal to the contaminated gloveboxes and tanks will also be removed. Piping, conduit, and ventilation will be removed, as necessary, to facilitate access to the gloveboxes and tanks.

Set	Description
57	This Set includes Rooms 3810, a portion of Room 3809, and Room 4814 and involves the removal and packaging of Vapor Body Tanks T-802, T-803, and T-804; Tanks D-830, D-832, D-834, D-876, and D-879; Pumps P-819, P-820, P-821, P-822 A/B, P-823, P-824, P-825, P-840, and P-861; and Heat Exchangers E-806 A/B, E-807, E-808, E-809, E-810, and E-812 A/B. Piping, conduit, and ventilation will be removed, as necessary, to facilitate access to the tanks and equipment.
58	This set includes Rooms 3803, 4805, and 4807 and involves the removal and packaging of Tanks D-825A/B, D-844A/B, and D-848; Gloveboxes 115 A/B, 116 A/B, 117A/B, and 118; drum handling equipment and Conveyors CV-808, CV-812, CV-813A/B, and CV-816; Sludge Dryer W-801; Dry Sludge Hopper H-3; Rotary Drum Filters FL-802 A/B; Vent Gas Scrubber T-807; Heat Exchangers E-804 A/B/C, E-817 A/B; and Pumps P-806 A/B, P-815 A/B, P-816 A/B, and P-862A/B. Piping, conduit, and ventilation will be removed, as necessary, to facilitate access to the gloveboxes and equipment.

2.2 Decommissioning Areas

Table 2-2 includes descriptions of the decommissioning areas. Area scope included remaining equipment dismantlement, asbestos abatement, structural decontamination, final survey, and demolition. A small amount of miscellaneous equipment (such as small sections of piping, ducting, and/or conduit) that met Unrestricted Release Criteria² (URC) and did not interfere with the pre-demolition survey activities was left for removal after demolition.

² Removable contamination cannot exceed 20 dpm/100 cm²; and fixed contamination cannot exceed 100 dpm/100 cm² averaged over 1 m² or 300 dpm/100 cm² for any 100 cm² area.

Table 2-2. Building 371/374 Decommissioning Areas

Area	Area Description
AA	This Area consists of portions of the CWTS system and includes removal of any remaining piping, electrical, and ventilation systems in sub-basement Rooms 1208 (storage vault), 1210, 1214, 1216, 1218, 1222, 1109, 1111, 1113, 1115, 1117, and basement incinerator vent scrubber canyon, Room 2327. Interior surfaces will have paint removed to facilitate PDS. In-process characterization will identify areas of surficial contamination, and surface decontamination (e.g., scabbling) will remove contamination. Room 1127 area contains surface areas associated with the criticality tank pit. Included are sub-basement corridors Rooms 1001 through 1005, 1121, 1121A, 1123, 1124, and surface areas of the decontamination storage tank pit.
AB	This Area consists of portions of the CWTS system and includes removal of remaining piping, electrical, and ventilation systems in sub-basement Rooms 1101(storage vault), 1103, and 1105, and basement Room 2319. Interior surfaces will have paint removed to facilitate PDS. In-process characterization will identify areas of surficial contamination, and surface decontamination (e.g., scabbling) will remove contamination
AC	This Area consists of the CSV, repair bay and maintenance area, and I/O Stations #1 through #8 and includes removal of remaining piping, electrical, and ventilation systems in sub-basement vault Rooms 1206 (central storage vault), 1220 (stacker/retriever transfer bay), 1218 (repair bay), and 1224 (maintenance bay). Interior surfaces will have paint removed to facilitate PDS. In-process characterization will identify areas of surficial contamination, and surface decontamination (e.g., scabbling) will remove contamination
AD	This Area includes removal of remaining piping, electrical systems, and System #2 ventilation systems in basement Rooms 2201, 2203 2205, 2207, 2213, 2221, 2011; and 2325. Temporary ventilation systems will be installed to facilitate decontamination activities after filter plenum removal has been completed under the Dismantlement Sets.
AE	This Area includes removal of remaining piping, electrical systems, and System #1 ventilation systems in basement Rooms 2306, 2310, 2301, 2307, 2317, 2316, 2015, and 2016. Temporary ventilation systems will be installed to facilitate decontamination activities after filter plenum removal has been completed under the Dismantlement Sets.
AF	This Area includes removal of piping, electrical systems, and System #4 ventilation systems in basement office areas including Rooms 2101, 2103, 2102, 2107, and remaining administrative areas. In-process characterization will confirm radiological status and decontamination activities are not expected to be required.

Area	Area Description
AG	This Area includes removal of remaining piping, electrical, and System #1 ventilation systems in ground floor Rooms 3701, 3713 and 3717 (removed incinerators and afterburners for high and low specific activity wastes, now PuSPS), 3189, 3606, 3602, and corridor Room 3031B. Interior surfaces will have paint removed to facilitate PDS. In-process characterization will identify areas of surficial contamination, and surface decontamination (e.g., scabbling) will remove contamination.
AH	This Area consists of the main aqueous processing area and includes the ion exchange, fluorination and precipitator canyons, and includes removal of remaining piping, electrical, and ventilation systems in ground floor Rooms 3559, 3563 (ion exchange tank vault), 3553 (on exchange canyon), 3549, and support Rooms 3545, 3543, 3557, 3521, 3531 (canyons), and support Rooms 3529, 3511, 3515, and 3523. Also included in this Area are Rooms 3517 and 3571 (nitric acid recovery), and 3573 (secondary nitric acid recovery). Interior surfaces will have paint removed to facilitate PDS. In-process characterization will identify areas of surficial contamination, and surface decontamination (e.g., scabbling) will remove contamination.
AJ	This Area includes the americium canyons, and anion exchange canyon. Remaining piping, electrical, and System #1 ventilation systems in ground floor Rooms 3337, 3331, 3327 (canyons), and support Rooms 3321, 3325, 3333, 3335, 3513, 3501, 3301, 3303, 3305, 3315, and corridor Rooms 3035 and 3031A will be removed. Interior surfaces will have paint removed to facilitate PDS. In-process characterization will identify areas of surficial contamination, and surface decontamination (e.g., scabbling) will remove contamination.
AK	This Area consists of the residue sampling and wet repack area, and includes the removal of remaining piping, electrical, and ventilation systems in ground floor Rooms 3202, 3204, 3206, 3208, 3408, 3412, and 3420. Interior surfaces will have paint removed to facilitate PDS. In-process characterization will identify areas of surficial contamination, and surfaces will be decontaminated (e.g., scabbling).
AL	This Area includes removal of remaining piping, electrical, and System #1 ventilation systems in attic Rooms 4001, 4301, 4305, 4303, and 4307. Interior surfaces will have paint removed to facilitate PDS. In-process characterization will identify areas of surficial contamination, and surfaces will be decontaminated (e.g., scabbling).
AM	This Area consists of the Chemical Make-Up Area and includes the removal of piping, electrical, and System #2 ventilation systems in attic Rooms 4202, 3189, 4101, 4102, 4103, 4104, 4105, and 4106. Interior surfaces will have paint removed to facilitate PDS. In-process characterization will identify areas of surficial contamination, and surfaces will be decontaminated (e.g., scabbling).

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Area	Area Description
AN	This area consists of Building 374, the Liquid Waste Process Treatment Building. Piping, electrical and ventilation systems remaining after dismantlement will be removed. Interior surfaces will have paint removed to facilitate PDS. In-process characterization will identify areas of surficial contamination, and surfaces will be decontaminated (e.g., scabbling).
AP	This Area consists of office and support areas, maintenance, and cold laboratories in Building 371, and includes the removal of piping, electrical, and ventilation systems in office areas. In-process characterization will confirm radiological status and decontamination activities are not expected to be required.
AQ	This Area consists of remaining exterior surfaces (walls and roofs) of Buildings 371/374 and 12 structures/trailers (identified as 371A-K, 376A, 377, 378, Building 373 (cooling tower), and the carpenters shop), and includes the removal of remaining exterior surface-mounted electrical and clean piping systems to facilitate PDS. In-process characterization will confirm radiological status and decontamination activities are not expected to be required. Demolition of Building 371/374 will occur at the close of structural decontamination activities, and the completion of PDS, and included within this Area.

3.0 Schedule

In general, decommissioning activities proceeded as follows:

- Scoping and reconnaissance level characterization, including facility typing, were performed
- Detailed planning was completed
- Process equipment, piping, ducts, non-structural walls, and other interferences were removed, size-reduced or decontaminated and packaged for disposal
- Structural decontamination activities were performed
- Final surveys were performed
- Subsurface drains disrupted and grouted
- All utilities were disconnected (see Figure 2)
- Sub-basement (Bldg. 371) and basements (Bldg. 371 and 374) backfilled and compacted
- Buildings were demolished
- Concrete was processed and placed for fill (Phases I-III) or packaged as Low-Level Waste (Phases IV/V)
- Backfill was placed to restore grade
- Top soil and seeding were placed

Sector 5A Underground Utilities

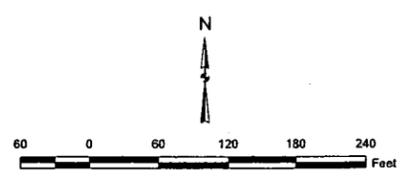
EXPLANATION

- Sectors
- Alarm
- Classified LAN
- Original Alarm
- Telephone
- Alarm (PIDAS)
- Nitrogen Lines
- Natural Gas
- Sewer Blocks
- Sewer
- Sewer Abandoned
- Underground Steam
- DCWF
- Raw Water
- Power
- Culverts & Drains
- New Process Waste Lines
- Manholes *

NOTE: Hatched line symbols represent removed features.
* Color indicates utility type.

Standard Map Features

- Demolished Facility
- Remaining Facility
- Demolished Roads
- Paved Roads
- Dirt Roads
- Railroad Removed
- Railroad Remaining
- Fence Remaining
- Stream or Ditch
- Lakes and Ponds
- Excavation Area
- Riprap Areas
- Wetlands



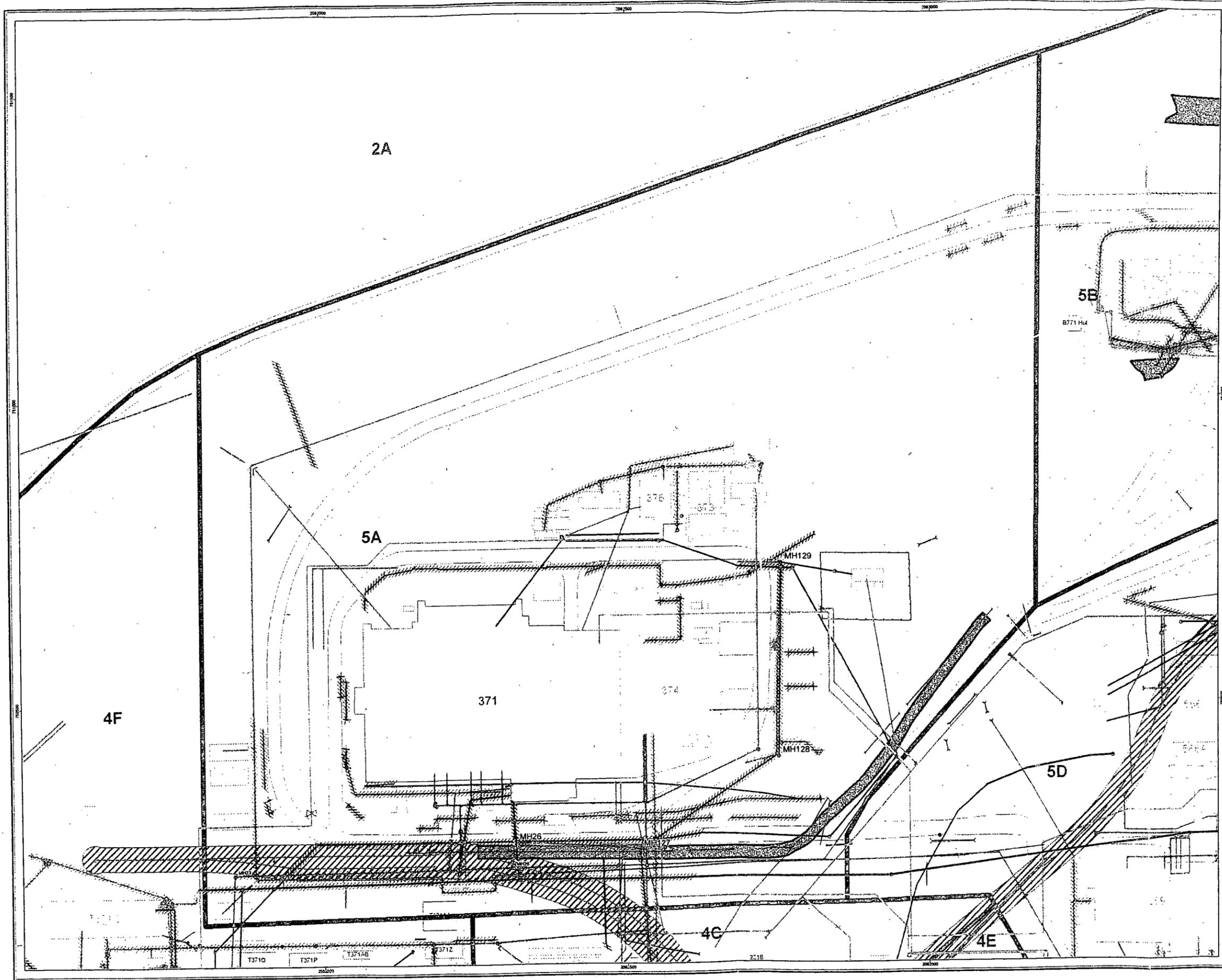
State Plane Coordinate Projection
Colorado Central Zone (3476)
Datum: NAD27

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

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COMPANY

DATE: 8/4/2005



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3.1 Project Milestones

Significant decommissioning milestones and their actual completion are listed in Table 3-1.

Table 3-1. Project Milestones and Completion Dates

MILESTONE	DATE COMPLETED
Nuclear Operations complete	July 31, 2003
SNM Removal	September 30, 2003
Final Glovebox Stripout	November 11, 2004
Last TRU Waste Generated	November 17, 2004
Set completion	December 12, 2004
CSV Equipment and Rack Removal	December 23, 2004
Operations Clean	January 18, 2005
CSV Floor and Wall Decontamination	March 18, 2005
Area completion	May 13, 2005

4.0 Characterization

Facilities within the 371 Closure Project were characterized in three phases: Scoping characterization, Reconnaissance Level Characterization (RLC), and in-process characterization. Scoping characterization involved collecting documents and interviewing former employees to prepare for the RLC effort. Facilities and tanks were typed during scoping characterization.

Characterization activities were conducted in accordance with the RFETS Decontamination & Decommissioning Characterization Protocol (DDCP), which contains the in-process and RFETS Reconnaissance Level Characterization Plan (RLCP), and the Site-Wide Pre-demolition Survey Plan. Some scoping characterization activities were performed prior to the establishment of these documents.

4.1 Reconnaissance Level Characterization

The purpose of the RLC was to provide an assessment of the contamination, hazards, and other conditions present in the facilities and their systems. Data were compiled and incorporated into detailed work planning packages to ensure safe work execution. Existing records and documents were collected and current and former Building 371 employees were interviewed to determine the radiological, chemical, and physical conditions of the facilities. The results of RLC efforts

are contained in the Reconnaissance Level Characterization Reports (RLCRs). Table 4-1 contains a summary of the RLC documentation with AR numbers.

Table 4-1. 371 Closure Project Reconnaissance Level Characterization Documentation

Document	Date	AR Document Number
RLCR for Building 371/374 Cluster Rev. 0	8/28/00	B371 A 000008
RLCR Revision 1, Building 371/374 Cluster approval	1/31/01	B371 A 000016
RLCR PDSR, 371 North Side Demolition Project, Revision 1	10/12/01	B3371 A 000055

4.2 In-Process Characterization and Pre-demolition Surveys

Additional characterization was conducted during decommissioning activities as components were removed and building surfaces exposed. This type of characterization is referred to as in-process characterization. Data from in-process characterization was used to identify additional hazards; refine approaches to component removal, size reduction, and decontamination; revise waste volume estimates; and modify environmental, safety and health controls as necessary. In-process characterization activities are documented in the work control documents used to plan and perform work.

Pre-demolition surveys, considered in-process characterization in the DOP, were conducted to verify that decontamination activities were sufficient to meet applicable release criteria. Pre-demolition surveys are discussed in detail in section 6.2.

5.0 Component Removal Activities

Building 371 dismantlement activities included disassembly, size reduction or decontamination, and removal of all components including gloveboxes and interior glovebox equipment, tanks, process piping, hoods, ventilation equipment, filter plenums, ducts, conduit, utilities, other miscellaneous equipment, and non-structural walls.

The following is a summary of major components that were removed from Buildings 371 and 374:

- 427 gloveboxes. The stainless steel enclosures were up to 60 feet long and 11 feet tall. Several had in excess of 1,000 square feet of surface area.
- 375 tanks.
- Tens of thousands of feet of utilities piping and ducts. Ducts measured up to three feet in diameter.
- 28 filter plenums and supply air units
- 1,428 racks removed from the Central Storage Vault

Generally, execution of a dismantlement set proceeded as follows:

- Work package prerequisites were completed
- Work area and equipment were isolated
- Gloveboxes were returned to service
- Internal glovebox equipment was removed
- Utilities and external equipment were removed
- Internal surfaces of gloveboxes/tanks were decontaminated
- Surveys were taken to determine if components met Low Level Waste (LLW) criteria
- Fixatives were applied to internal surfaces
- Glovebox was removed from ventilation
- A soft-sided containment tent was erected, if necessary
- Structural supports were removed and equipment was separated
- Equipment was transported to size-reduction enclosure, if necessary
- Equipment was size-reduced and packaged as waste

5.1 Size-Reduction and Component Decontamination

Some gloveboxes, tanks, and other equipment had to be size-reduced in order to fit into a Standard Waste Box (SWB), the waste container specified by the Waste Isolation Pilot Project (WIPP) for Transuranic (TRU) waste disposal.

The desire to avoid hazards that resulted from size-reduction led to the development of revised decontamination and characterization methods which allowed some B371 equipment to be shipped as Surface Contaminated Objects (SCOs) in larger LLW containers. Once decontamination procedures were developed, attempts were made to decontaminate nearly all equipment. Several decontamination agents were tested. Cerium nitrate, a water soluble acid, was selected as the preferred decontamination solution. It was liberally applied to interior tank and glovebox surfaces in a process that transferred removable contamination to wipes, which were disposed as TRU waste. Following neutralization and surveys, the process was repeated if necessary, and if decontamination was successful, surfaces were fixed and the component was disposed as LLW. Some equipment ultimately was too contaminated to be decontaminated to SCO, but decontamination techniques significantly reduced worker exposure to the hazards of size-reduction and the volume of TRU waste generated by the project.

Even after SCO methods were developed, some tanks and gloveboxes that were either too contaminated to achieve SCO criteria or too large to be relocated to one of the size-reduction enclosures were size-reduced in place.

5.2 Heating, Ventilation and Air Conditioning Systems

The Building 371/374 utilities for heating, ventilating, and air conditioning (HVAC) contained nine HVAC Systems. These systems were designed to provide the following capabilities: furnish air conditioning for personnel; provide air suitable for process operations; provide confinement for Pu within the controlled areas; prevent the dispersion of hazardous fumes and vapors; prevent the release of radioactive aerosols from the building; and control the release of noxious fumes and vapors from the building.

The ventilation systems provided five zones of different relative pressures as appropriate to provide assurance that contamination would not migrate to less contaminated areas. The zones were as follows: Zone I (and Zone IA) provided the ventilation for the primary confinement where highly radioactive material was handled. Zone I was maintained at the lowest pressure or greatest differential pressure, for GBs, canyons, and conveyor enclosures. Zone II provided the ventilation supply and exhaust for the secondary confinement in the building by establishing an intermediate differential pressure and ensuring filtration of air, which was normally recirculated within the facility. Zone II included any areas containing Zone I or IA equipment. Zone III provided ventilation for the tertiary confinement in the building. Normally, Zone III areas were not contaminated and their exhaust recirculated. Zone IV provided ventilation for office areas and other uncontaminated areas.

As decontamination and component removal progressed, Zones I, IA, II and III were shut down sequentially as the sources of potential contamination were removed. Zone IV HVAC services for offices areas were removed as those facilities were removed independently of the sequence for the other four zones.

5.3 Component Removal Documentation

Table 5-4 summarizes AR documentation, in document number order, that supports component removal. Included is DOP approval documentation contained in the AR. Note that dismantlement set completion reports are not included in the AR.

Table 5-4. 371 Closure Project Component Removal Documentation

Document	Date	AR Document Number
Notification to LRA of Set 35 completion	8/6/03	B371 A 000304
Notification to LRA of Sets 1 and 2 completion	9/17/03	B371 A 000303
Notification to LRA of Set 13 completion	10/1/03	B371 A 000302
Notification to LRA of Set 8, 16 and 39 completion	1/7/04	B371 A 000301
Notification to LRA of Set 26 and 57 completion	4/7/04	B371 A 000300
Notification to LRA of Set 23 and 51 completion	5/25/04	B371 A 000299
Notification to LRA of Set 12 completion	6/9/04	B371 A 000298
Notification to LRA of Set 46 completion	6/30/04	B371 A 000297

Document	Date	AR Document Number
Notification to LRA of Set 18 and 58 completion	7/14/04	B371 A 000296
Notification to LRA of Set 29 completion	8/4/04	B371 A 000295
Notification to LRA of Sets 17, 22, 41 and 50 completion	10/6/04	B371 A 000294
Notification to LRA of Sets 19 and 40 completion	11/3/04	B371 A 000293
Notification to LRA of Sets 6 and 10 completion	12/1/04	B371 A 000292
Notification to LRA of Sets 9, 38, 52 and AN dismantlement completion	1/12/05	B371 A 000291

6.0 Structural Decontamination and Pre-demolition Surveys

Structural decontamination activities were performed following dismantlement to remove contamination from interior walls, floors, ceilings, and beams. Most decontamination activities in Buildings 371 and 374 were performed with dry scabbling equipment.

Before decontamination began, several hundred media samples were taken during the RLC to determine the extent of decontamination activities that would be required. The approach to this characterization effort is consistent with the Pre-Demolition Survey Plan (MAN-127-PDSP). Samples analyzed contaminants in both the paint and the concrete surfaces beneath paint. The samples confirmed that many of the surfaces in the process areas of both buildings would require decontamination.

Because of the difficulty and hazards associated with decontaminating facilities of this nature, the project and the LRAs developed modification 5 to the DOP, which allowed portions of the facilities to be dispositioned in accordance with the framework for contaminated soil. In addition, the modification replaced the use of explosives with conventional demolition techniques. Although modification 5 was considered a "minor" modification, the public was notified and consulted on the proposed changes. Per modification 5 to the DOP, decontamination activities were conducted according to the following criteria:

- The slab and structure from 0 to minus 6 feet of final proposed grade were decontaminated to the URC or removed, and all structure from 0 to minus 3 feet of final proposed grade was removed
- The slab and structure below minus 6 feet of final proposed grade were decontaminated to ensure that they did not exceed 100 nCi/g on the surface and 7 nCi/g volumetrically; and they were encapsulated to ensure that removable contamination did not exceed URC
- Concrete beneath minus 6 feet of final proposed grade that could not be decontaminated to 100 nCi/g and 7 nCi/g was removed prior to demolition

6.1 Shaving

Following removal of all equipment and gloveboxes from Building 371, floors were surveyed, and the majority of process room floors were decontaminated using a dry shaving technique. The rotary drum shavers were equipped with a vacuum system connected to HEPA filter units. This technique removed the paint and the top layer of concrete from the floors. Several passes were made with the shaver in some areas, depending on the thickness of paint and the residual contamination measured after the first pass. In addition to the process area floors, the following were also shaved:

- In the sub-basement, the CSV floor and walls up to 6' above the sub-basement were shaved.
- On the main floor, all of the interior subfaces (floors, walls and ceiling) of the canyons (rooms 3337, 3327, 3329, 3331, 3325, 3333, 3549, 3547, 3551, 3553, 3555, 3559, and 3563) were shaved.
- In the attic, an approximate 50' x 40' area of the floor was shaved.

Following completion of decontamination and removal efforts, final surveys were completed in accordance with the project specific radiological characterization plan.

6.2 Pre-demolition Surveys

Pre-demolition surveys were conducted in accordance with the PDSP, DOE Order 5400.5, "Radiation Protection of the Public and the Environment" and the Multi-Agency Radiation Site Survey Investigation Manual (MARSSIM).

Pre-demolition surveys provided the data necessary for the DOE and LRA to authorize demolition. They also specifically demonstrated or identified:

- sections of concrete beneath minus six feet of final proposed grade that met 100 nCi/g (surface) and 7 nCi/g (volumetric). These sections were left in place.
- no sections of remaining structure contained in excess of 20 dpm/100 cm² removable contamination

After workers thoroughly decontaminated an area, 100 percent surveys of all areas were performed. Areas that did not meet applicable release criteria were identified and further decontamination was performed. Areas above minus six feet were clearly identified, removed during demolition and packaged as LLW.

6.2.1 Areas Above Minus Six Feet of Final Proposed Grade

Decommissioning areas above minus six feet were subdivided into survey units based on contamination potential as described in section 3.0 of the PDSP. Using the guidance provided in MARSSIM, survey units were classified according to expected levels of contamination. The following defines each class and the minimum surface survey coverage:

Class 1: Areas that are known to be contaminated, 100% of accessible surfaces

Class 2: Areas that had potential to be contaminated, 10 to 100% of floors and lower walls; 10 to 50% of upper walls and ceilings

Class 3: Areas not expected to contain any contamination or a very small amount of residual contamination; Biased, 1 to 10% of total surface area

All process areas in Buildings 371 and 374 were considered Class 1 survey units. Small survey units such as stairwells in the process areas and offices were Class 2, and outbuildings were Class 3. Surfaces were surveyed with alpha-direct probes.

Total surface activity and removable surface activity measurements were collected from 100 percent of all surfaces in process areas. Complete survey results by measurement location are included in each decommissioning area's PDSR. No area had removable contamination in excess of the URC. Concrete that met URC was processed for fill after demolition. Sections of the structure that did not meet URC were painted with a bright colored fixative, removed during demolition and packaged as LLW.

6.2.2 Areas Beneath Minus Six Feet of Final Proposed Grade

A 100 percent survey of the slab beneath minus six feet of final proposed grade was performed with sodium iodide (Fidler) detectors. Survey data collected by the Fidlers was used to confirm that areas did not exceed the DOP action level of 100 nCi/g for surface contamination. Areas that exceeded the action level were re-surveyed, remediated, and if necessary, removed.

An additional in-situ verification effort was performed to verify with 95 percent confidence that remaining activity was less than 7 nCi/g averaged over the entire slab volume. In-situ sampling was performed at random locations with gamma spectroscopy equipment. The in-situ gamma effort is discussed in 7.3.2, and survey results are contained in Attachments D.

Smear samples were collected from random locations throughout remaining areas to confirm no removable contamination in excess of the URC (20 dpm/100cm²) remained. The PDSR contains the random in-situ measurement results for each area along with drawings that depict the sections of concrete that remained.

The project's approach to verify that remaining activity met DOP requirements was very conservative for several reasons. All activity detected by the sodium iodide detectors was considered weapons grade plutonium (WGPu). No adjustments to calculations were made for background radiation. Survey activity resulting from the minimum detection limit of the sodium iodide detectors was considered WGPu. Any area that was not contaminated was considered contaminated to the level of the Fidler's minimum detection limit. Finally, sodium iodide detectors are capable of detecting radiation from sources deep within concrete. When converting Fidler survey results to volumetric data, the project conservatively spread activity from the entire matrix of slab over just 1/16 of an inch.

6.2.3 Chemical Constituents

Asbestos had previously been removed from all areas during dismantlement activities. Beryllium smear samples, the number of which depended on whether the survey unit was a Beryllium controlled area, were collected per the PDSP. RCRA/CERCLA hazardous constituents, including lead, were removed during decontamination, and all units met the clean closure decontamination criteria per section 6.0 of the DOP. Polychlorinated Biphenyls (PCBs) were also verified removed following decontamination activities.

6.2.4 Independent Verification of Surveys

The Oak Ridge Institute for Science and Education (ORISE) conducted an independent verification of Buildings 371 and 374 before DOE and the LRA authorized demolition. Phase II and III of Building 371 were subject to Type A verification per the Independent Verification Team Project Specific Plan for the Building 371/374 Closure Project and the task statement of work. Type A verification consists of validation of the project's pre-demolition survey data with possible confirmatory scans. Phase I and IV/V of Building 371/374 were subject to Type B verification, which consisted of a complete independent survey and sampling effort. Like the project's pre-demolition surveys, ORISE's Type B surveys were conducted according to the applicable release criteria for sections above and beneath minus six feet of final proposed grade. Following the ORISE Type B surveys and recommended follow-up actions, the DOE and the LRA authorized demolition of the facilities.

The final Building 371/374 ORISE report is included in the AR.

6.2.5 Pre-demolition Survey Documentation

Table 6-2 summarizes the PDSRs and other pre-demolition survey documentation:

Table 6-2. 371 Closure Project Pre-demolition Survey Documentation

Document	Date	AR Document Number
Contact Record – Demolition of Building 374A (Carpenter Shop)	7/13/04	B371 A 000213
Contact Record – PDSR East Dock/Bldg. 374 Exterior	11/2/04	B371 A 000243
Phase I PDSR Approval	1/26/05	B371 A 000249
Phase II PDSR Approval	3/9/05	B371 A 000262
Sub-basement Backfill Approval	3/24/05	B371 A 000266
Phase III PDSR Approval	4/12/05	B371 A 000268
Final Status Survey Report for Phases IV/V Approval	5/13/05	B371 A 000272

7.0 Demolition

7.1 Demolition Preparatory Activities

Before demolition began, all slab beneath minus six feet of final proposed grade that did not meet DOP requirements was adequately decontaminated. Significant decontamination was required in the former process areas of the basement and sub-basement. Decontamination was performed using dry scabbling techniques (both floor shavers and hand grinders). In some areas, the removal of several layers of the surface was required in order to meet the DOP criteria. Contaminated concrete sections above minus six feet of final proposed grade remained for controlled demolition. Several components and miscellaneous equipment remained in the basements and sub-basement of B371/374. Specifically, plenums, Zone II ductwork, and metal flooring. LRA and DOE approval was obtained prior to beginning any demolition activity.

Demolition preparatory activities included: installation of a water collection basin (approximately 1,000,000 gallon capacity); erecting barriers around work zones (including an earthen berm around the entire work area); establishing traffic and loading areas; installing railroad tracks and loading areas; and installing erosion controls and air monitoring equipment. All underground utilities were removed and electrical power feeds were terminated.

7.1.1 Backfill of Areas Prior to Demolition

Following LRA approval of the DOP measurements in the sub-basement of Building 371, the entire area was backfilled and compacted, including the CSV. For areas that could not be completely backfilled (e.g., upper walls near the ceilings) openings were cut (over 50) into the basement floor and flowable-fill was pumped into the sub-basement in order to mitigate any voids.

Once the sub-basement was completely backfilled and the LRA approved both the DOP measurements for the basement and the FSSR for Phases IV/V, the floor of Phase III was hammered and allowed to fall into the south portion of the basement. The floor debris and all miscellaneous equipment was removed and dispositioned as low-level waste prior to placement of fill in the basement.

7.2 Demolition Equipment

Tracked excavators equipped with various attachments including hydraulic shears, grapples, processors, concrete pulverizers, and hydraulic demolition rams were used to demolish the structures. Excavators were used to load waste into waste containers as were front-end loaders and skid steer uni-loaders, depending on the distance of moves. Concrete pulverizers were used to separate rebar from released concrete and prepare concrete for use as fill. Shears were used to sever metal, structural steel, and other construction materials. Grapples were used for various demolition tasks and materials handling. Demolition rams were used to demolish concrete structures.

7.3 Building 371 and 374 Demolition

Building 371/374 was divided into five phases for demolition purposes (see Attachment E). Phase I consisted of Building 374. The majority of the Building 374 basement was greater than 6' below final grade. As a result, DOP measurements were taken and verified by an independent entity as described in Section 6.2.4 prior to backfill. The vast majority of Building 374 within 6' of final grade was surveyed and dispositioned as "clean" material. Specifically, the concrete debris was used as backfill while the clean metal was dispositioned as sanitary waste. The few contaminated areas within Building 374 were methodically removed, segregated during demolition and ultimately removed as low-level waste. Following the demolition of the facility, the sub-surface drains in this area were disrupted and grouted. The basement was backfilled and compacted in accordance with the DOP compaction requirements.

Phase II consisted of the east support area of Building 371 connected to Building 374, which was also considered the 371 Annex. This area consisted primarily of office areas, control rooms and support areas. As a result, this area was surveyed and ultimately dispositioned as clean concrete rubble fill or sanitary waste.

Phase III consisted of the south support area of Building 371. This area formerly housed the cafeteria, locker rooms, maintenance shop and other support functions. As a result, this area was surveyed and ultimately dispositioned as clean concrete rubble fill or sanitary waste. The floor of Phase III was left-in-place and ultimately dispositioned as low-level waste during Phase IV demolition.

Phase IV consisted of the hardened structure of Building 371 excluding the canyon area. Phase V consisted only of the former canyon area. Following the decontamination and equipment strip-out of the Phase IV sub-basement, DOP measurements and radiological surveys were taken. Once the LRA had granted approval, the sub-basement was backfilled. Similarly, DOP measurements and radiological surveys were taken on the basement prior to backfill. The main floor and attic of Phase IV was demolished.

7.3.1 Removal of Contaminated Sections Above Minus Six Feet of Final Proposed Grade

Sections of Buildings 371 and 374 above minus six feet of final proposed grade that did not meet URC were painted with a bright fixative, carefully removed during demolition, and packaged as LLW in inter-modal containers.

7.3.2 Sections Beneath Minus Six Feet of Final Proposed Grade

Sections of the Building 371 and 374 slab and structure beneath minus six feet of final proposed grade that met 7nCi/g (volumetric) and 100nCi/g (surface), identified in Attachment D, were left in place. As mentioned in section 6.2.2, in situ verification using gamma spectroscopy was conducted to achieve a confidence level of 95% certainty that anything left in place below minus 6 feet of final proposed grade met these criteria. This step was in accordance with the *Building 371/374 Closure Project Characterization Plan*, December 12, 2004, which describes this

process in Section 11.0. The complete results of the gamma spectroscopy are reported in the PDSR, but the summary sheet for each of the areas is included in Appendix D.

7.3.3 Materials Released for Recycling

Concrete was removed from sections above minus six feet was either packaged as low-level waste or released, processed on site, and used for fill. Concrete recycling followed the requirements of the RSOP. No recycled concrete was placed within three feet of final grade.

7.3.4 Air Monitoring

Comprehensive air monitoring was performed during all Building 371 and 374 demolition activities to ensure particulate emissions were within all applicable plans and regulations. Three separate and independent monitoring efforts collected data from sampling equipment at various locations at the project and around RFETS. The project also deployed lapel-mounted air samplers on a daily basis to collect very close-in readings from workers who operated demolition equipment.

The project deployed four (4) low-volume air samplers at locations very close to Building 371/374 demolition activities inside the work boundary. Samples of airborne radioactivity concentrations were collected on filter media which analyzed weekly. Samples were analyzed using an alpha spectrometer and results were available in a few hours. The established action level, developed in accordance with the LRA and the DOE radcon manual, was 0.3 DAC. No results in excess of the action level were received from lapel samplers.

The LRA, in conjunction with the Environmental Protection Agency (EPA) conducted independent environmental monitoring using four (4) low-volume air samplers deployed outside the Building 371 Phase IV/V demolition work zone boundary. Samples were analyzed in a laboratory subcontracted by the LRA. There was no defined action level assigned to the LRA/EPA monitoring. All activity collected from the samples was collected and analyzed; none resulted in any action.

Continuous environmental monitoring was conducted from various locations in accordance with the site Integrated Monitoring Plan (IMP) and site Radioactive Ambient Air Monitoring Program (RAAMP). 25 samplers continuously monitored airborne dispersion of radioactive materials from locations on and off site. Filters from 14 samplers around the perimeter of the buffer zone and at off-site locations were submitted monthly for isotopic analysis. Filters from 11 samplers deployed around the site's industrial zone were counted weekly. All sample media were analyzed and compared to two action levels plus a level at which work would have been suspended. Action level 1, at which controls and sampling methods were reevaluated, corresponded to a potential 1.0mrem dose rate at the sampling location. Action level 2 corresponded to a 5.0mrem dose rate, at which air monitoring personnel would have met with the project to reassess controls, dust control, and other factors. Had sample results exceeding action level 2 indicated that a 10mrem dose rate had occurred, work would have been stopped.

Consistent with project monitoring, the RAAMP samplers recorded a reading that exceeded action level 1 as a result of the pipe chase excavation. No action was necessary as a result of the reading; however the sample was submitted for isotopic analysis.

7.3.5 Dust and Run-off Controls

Each demolition activity was carefully analyzed for specific dust suppression needs. Dust control shrouds were used on individual equipment when possible, and demolition activities were suspended during high winds.

Dust suppression water was supplied by fire hydrants. During demolition activities, typically two to four hoses were deployed to direct water at structure undergoing demolition. Operators were stationed atop lifts as necessary to best direct the flow of water. Water was applied in a controlled manner to avoid excessive run-off. The project controlled run-off by installing temporary diversion berms, silt fencing, and interceptor ditches.

7.3.6 Out-buildings and Tanks

Type 2 tanks were dispositioned as low-level waste. Type 1 facilities, which included: out-buildings and trailers were resurveyed (to verify no contamination was present) and dispositioned as sanitary waste.

7.4 Demolition Documentation

The following table summarizes AR documentation, in document number order, that supports demolition. Since LRA approval of PDSRs was required to begin demolition, ARs documenting their approval were included in both table 7-5 and 6-2.

Table 7-5. 371 Closure Project Demolition Documentation

Document	Date	AR Document Number
Contact Record – Demolition of Building 374A (Carpenter Shop)	7/13/04	B371 A 000213
Contact Record – PDSR East Dock/Bldg. 374 Exterior	11/2/04	B371 A 000243
Contact Record – Building 371/374 Demolition Activities	11/10/04	B371 A 000233
Contact Record – Canyon disposition	12/15/04	B371 A 000251
Phase I PDSR Approval	1/26/05	B371 A 000249
Contact Record – Embedded metal disposition	2/15/05	B371 A 000259
Contact Record – Dock 5 demolition	3/8/05	B371 A 000258
Phase II PDSR Approval	3/9/05	B371 A 000262

Document	Date	AR Document Number
Contact Record – Demolition of Building 374A (Carpenter Shop)	7/13/04	B371 A 000213
Sub-basement Backfill Approval	3/24/05	B371 A 000266
Phase III PDSR Approval	4/12/05	B371 A 000268
Final Status Survey Report for Phases IV/V Approval	5/13/05	B371 A 000272

8.0 Waste Disposition

Table 8-0 describes the actual container volume or mass of the various wastes generated by the project. Amounts were converted to the estimate unit of measurement for comparison.

Table 8-0. Waste Summary

Category	Sub-Category	Estimated Volume or Mass	Destination	
Transuranic (TRU)	TRU – Including Asbestos	2,639 m ³	Waste Isolation Pilot Plan (WIPP)	
	TRU Mixed (TRM) – Including Asbestos	868 m ³	WIPP	
	TRU/TRM Liquids	0.01 m ³	WIPP	
TRU TSCA	TRU – Toxic Substance Control Act	0 m ³	N/A	
Low-Level (LLW)	LLW – Including Asbestos	790 m ³	NTS, Envirocare	
	LLW – Demolition debris (concrete, rebar, asphalt, soil)	M ³	NTS, Envirocare	
	LLW – Surface Contaminated Objects (SCO), no str. debris	M ³	NTS, Envirocare	
	Asphalt (non-radioactive)		Sanitary Landfill	
	Asphalt (LLW)		EnvirocareNTS	
	Asbestos (non-radioactive)	350 tons	Sanitary Landfill	
	Asbestos (LLW)	1,430 tons	Volume Included (379 tons)	Envirocare, NTS
	LLW – PCBs	1.8 m ³	Included	NTS, Envirocare
Low-Level Mixed (LLM)	LLM – RCRA solids, including asbestos	2.0 m ³	213.8 m ³	NTS, Envirocare
	LLM – RCRA liquids	2.9 m ³	Included	NTS, Envirocare

Category	Sub-Category	Estimated Volume or Mass	Destination	
Low-Level TSCA	LLT - Low-Level Toxic Substance Control Act	0 m ³	2.3 m ³	Oak Ridge, Tennessee
Non-Radiological Waste				
Hazardous/ Toxic	RCRA Solids	6 m ³	213.6 m ³	Approved treatment storage and disposal facility
	PCBs	1 m ³	0 m ³	N/A
Sanitary	Non-Routine Sanitary	2,200 tons	2,152 tons	Sanitary Landfill
Material for Recycle	Concrete processed for fill	8,100 tons	3,046 tons	Recycled, used for fill

9.0 Site Restoration

Site restoration comprises the evaluation and remediation, if necessary, of under building contamination, and the final grading of the building site once all demolition activities have been completed.

9.1 Under-building Characterization and Remediation

Under-building characterization of the Building 371 and 374 sites was conducted in accordance with the *Final Industrial Area Sampling and Analysis Plan FY03 Addendum #IA-03-01 IHSS Groups 300-3, 300-4, 400-8, 700-4, 800-1 and 900-3*, dated January 2003. The 2003 effort, which collected 188 samples, was primarily used for RLC of hazards and planning for eventual slab removal.

As required by Sampling and Analysis Plan, samples were analyzed for radionuclides, volatile organic compounds, semi-volatile organic compounds, poly-chlorinated biphenyls, metals, petroleum hydrocarbons, cyanide, and nitrates. Based on the results, which are summarized in the *Data Summary Report, IHSS Groups 330-3 and 300-4*, dated August 2003, no remediation of under-building soils was required.

9.2 Final Land Configuration

The total quantity of backfill estimated to achieve final land configuration was approximately 66,850 cubic meters. Attachment F shows the contours of the final grade of the B371/374 area.

9.3 DOP Verification Surveys

Prior to demolition of Buildings 371 and 374, Global Positioning Satellite (GPS) measurements were taken at several locations around the project site. The measurements specified the exact elevation and location of various sections of remaining structure. Following demolition and backfill activities, GPS measurements were again taken to verify backfill placement was correct for sections of remaining structure per the DOP criteria described in section 2.0. No discrepancies in fill placement were revealed by the measurements.

10.0 RCRA Closure Summary

Hazardous and mixed wastes were managed in several areas and systems (units) within Buildings 371 and 374. Several units were included in the RFETS Hazardous Waste Permit, and some units such as mixed residue and interim status tanks and gloveboxes were not permitted. These units were closed during component removal activities. Permitted units included container storage areas, gloveboxes, storage tanks and treatment processes. Prior to initiating demolition activities, all former hazardous waste units were closed. Closure activities were conducted using removal or decontamination methods in accordance with DOP requirements, which also satisfy closure requires described in Part X of the RFETS Hazardous Waste Permit.

Table 10-1 identifies the former permitted and interim status hazardous waste management units in Building 371/374

Table 10-1 Hazardous Waste Units

Unit #	Description	Closure Method
374.1	Container Storage, Rms. 3809 and 3810	Decontamination
374.1	Container Storage, Rm. 3813	Decontamination
374.3A	Waste Receiving & Neutralization Process, Rm. 2804: Tanks D-802 A (42.04), D-802 B (42.05), D-802 C (42.06), D804 A (42.50), D804 B (42.51), D-804 C (42.52), D-804 D (42.53), D-811 A (42.54), D-811 B (42.55), D-852 (42.69), D-875 (42.70), D-847, and D-851	Unit Removal
374.3A	Acid Waste Neutralization Process, Rms. 3801, 2804, and 3805: Tanks D-843 (42.74), D-806 (42.73), D-807 A (42.71), D-807 B (42.72), D-808 (42.75), and D-942	Unit Removal
374.3A	Precipitation Process, Rm. 3801: D-813 (42.57), D-814 (42.58), D-815 (42.59), D-816 (42.60), D-817 (42.61), D-818 (42.62), D-819 (42.63), D-820 (42.64), D-821 (42.65), D-822 (42.66), D-823 (42.67), D-826 A (42.07), D-826 B (42.08), and Polishing Filter FL-831 (42.68).	Unit Removal
374.3A	D-830 (42.11), D-832 (42.12), D-834 (42.13), D-876(42.16),	Unit Removal
374.3A	Evaporation Process, Rms. 3810, 4814, and outside B374: Tanks D-827 (42.10), D-879 (42.18), T-802 (42.19), T-803 (42.20), T-804 (42.21), and T-805 (42.22)	Unit Removal

Unit #	Description	Closure Method
374.3A	Spray Dryer & Saltcrete Process, Rms. 2804, 3801, 3809, 4802, 4812: Tanks D-801 A (42.01), D-801 B (42.02), D-801 C (42.03), D-826 C (42.09), D-878 (42.17), D-883 A (42.27), D-883 B (42.28), D-884 (42.29); Spray Chamber W-803 (42.25); and Spray Dryer Bag house FL-803 (42.26)	Unit Removal
374.3A	Vacuum Filter & Sludge Solidification Process, Rms. 2804, 4805, and 4807: Tanks D-812 (42.56), D-824 A (42.76), D-824 B (42.77), D-825 A (42.81), D-825 B (42.82), D-844 A (42.84), D-844 B (42.85), and D-848 (42.83); Drum Filter Basins FL-802 A (42.78) and FL-802 B (42.79); Sludge Dryer W-801 (42.80); Dry Sludge Hopper H-3; and Dry Sludge Conveyors CV-813A/B	Unit Removal
374.1	Container Storage Room 2804	Decontamination
53	Miscellaneous Cementation (Rm. 2325)	Unit Removal
90.104	Container Storage, Glove box (GB-37C) in Rm. 3305	Decontamination
90.14	Container Storage, Rm. 1111	Decontamination
90.19	Container Storage, Rm. 1115	Decontamination
90.4	Container Storage, Rm. 3543	Decontamination
90.71	Container Storage, Rm. 3511	Decontamination
90.8	Container Storage, Rm. 3567A	Decontamination
90.94	Container Storage, Rm. 3331	Decontamination
90.95	Container Storage, Rm. 3327	Decontamination
91.008	Tank D-160A, Rm. 1115	Unit Removal
91.009	Tank D-160B, Rm. 1115	Unit Removal
91.010	Tank D-2A, Rm. 1117	Unit Removal
91.011	Tank D-2B, Rm. 1117	Unit Removal
91.012	Tank D-293A, Rm. 1127	Unit Removal
91.013	Tank D-293B, Rm. 1127	Unit Removal
91.014	Tank D-934A, Rm. 2223	Unit Removal
91.015	Tank D-934B, Rm. 2223	Unit Removal
91.016	Tank D-292A, Rm. 2317	Unit Removal
91.017	Tank D-292B, Rm. 2317	Unit Removal
91.039	Tank D-55A, Rm. 3559	Unit Removal
91.040	Tank D-55B, Rm. 3559	Unit Removal
91.041	Tank D-49B, Rm. 3563	Unit Removal
91.042	Tank D-49C, Rm. 3563	Unit Removal

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Unit #	Description	Closure Method
91.043	Tank D-49D, Rm. 3563	Unit Removal
371.1A	Container Staging Area, Rm. 3301	Decontamination
371.1A	Container Staging Area, Rm. 3315 (90.103)	Decontamination
371.1A	Container Staging Area, Rm. 3513	Decontamination
371.1A	Container Staging Area, Rm. 3541	Decontamination
371.1A	Container Staging Area, Rm. 3709	Decontamination
371.1A	Container Storage, Rm. 2202A, 2202B, 2202C (90.10)	Decontamination
371.1A	Container Storage, Rm. 1103	Decontamination
371.1A	Container Storage, Rm. 1210 (90.63)	Decontamination
371.1A	Container Storage, Rm. 2202	Decontamination
371.1A	Container Storage, Rm. 2207 (90.5)	Decontamination
371.1A	Container Storage, Rm. 2217	Decontamination
371.1A	Container Storage, Rm. 2223/2207 (90.20/90.5)	Decontamination
371.1A	Container Storage, Rm. 2306	Decontamination
371.1A	Container Storage, Rm. 2321	Decontamination
371.1A	Container Storage, Rm. 2325 (90.16)	Decontamination
371.1A	Container Storage, Rm. 3187B (counter only), (90.11)	Decontamination
371.1A	Container Storage, Rm. 3189 (90.1)	Decontamination
371.1A	Container Storage, Rm. 3206 (90.9)	Decontamination
371.1A	Container Storage, Rm. 3305 (90.104)	Decontamination
371.1A	Container Storage, Rm. 3321 (90.6)	Decontamination
371.1A	Container Storage, Rm. 3341 (90.7)	Decontamination
371.1A	Container Storage, Rm. 3412	Decontamination
371.1A	Container Storage, Rm. 3420 (63) (90.63)	Decontamination
371.1A	Container Storage, Rm. 3501 (90.62)	Decontamination
371.1A	Container Storage, Rm. 3717	Decontamination
371.1A	Container Storage, Rooms 2010/2011	Decontamination
371.1B	Combustible Residues Stabilization Process (Rm. 3701 - Glove box 1509, including Franklin-Miller Model TM1611, Glove box 1509A; and the Rm. 3701 Shredder)	Unit Removal
371.1B	Rm. 3515, GB-32	Unit Removal

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Unit #	Description	Closure Method
371.1B	Container Storage, Rm. 3206, GB-39, GB-40 (90.143) and GB-42	Unit Removal
371.1B	Container Storage, Rm. 3408, Glove boxes 72B & 72C (90.142)	Unit Removal
371.1B	Container Storage, Rm. 3412, Glove boxes 47, 48A, [48B & 48C (90.18)], 50A, 50B, 51A, 51B, 51C, and 51E.	Unit Removal
371.1B	Container Storage, Rm. 3602, Glove box 1 (90.70) (90.141), GB-2, and GB 3	Unit Removal
371.1C	Vault Container Storage, Rm. 1101 (90.12)	Decontamination
371.1C	Vault Container Storage, Rm. 1208 (90.15)	Decontamination
371.1C	Vault Container Storage, Rm. 3202 (90.72)	Decontamination
371.1C	Vault Container Storage, Rm. 3204 (90.96)	Decontamination
371.1C	Vault Container Storage, Rm. 3602 (90.70)	Decontamination
371.1C	Vault Container Storage, Rm. 3606 (90.2)	Decontamination
371.1C	Vault Container Storage, Stacker Retriever (90.100)	Decontamination
371.3A	Caustic Waste Treatment System: Rms. 1103, 1105, 1113, 1115; Glove boxes 18 & 2404; Tanks D-2401A, B, C, & D; and Tanks D-2402A & B (91.001-91.006)	Unit Removal
371.3C	Fluoride Treatment Process (Rm. 3515, GB-32)	Unit Removal
371.1A	Container Storage Room 3602	Decontamination
371.1A	Container Storage Room 3701	Decontamination
371.1A	Container Storage Room 2301	Decontamination
371.1A	Container Storage Room 3515	Decontamination
371.1A	Container Storage Room 3408/3412	Decontamination
371.1A	Container Storage Room 3713/3717	Decontamination

All gloveboxes, tanks and associated piping were removed during decommissioning activities. Several gloveboxes and tanks were decontaminated and dispositioned as non-hazardous waste. Systems that could not be adequately decontaminated were dispositioned as hazardous or mixed waste. After all containers, gloveboxes, tanks and associated piping were removed, remaining units, which consisted of the buildings, or secondary containments, were decontaminated and closed in accordance with the DOP. Secondary containment areas were decontaminated using scabbling techniques (dry shaving). Following decontamination activities, a registered Professional Engineer (PE) inspected each area and certified the unit had met the closure performance standard identified in the DOP. The PE certification is included in Attachment B.

No soil contamination resulted from the management of hazardous waste within Buildings 371 and 374. As a result, no post-closure activities are required.

ATTACHMENT A
ADMINISTRATIVE RECORD SUMMARY

**ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY**

There are 288 records in this set and a total of 3954 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000001 11/01/1999 591 Pages PUBLIC	YES, ROUTINE Author(s) BROUSSARD, MARCELLA C STEVENS, JEFFREY L.	N/A Recipient(s) NOT INDICATED	Radiological and Non-Radiological Characterization Package for the Building 371 Cluster, November 1999. Based upon historical and process knowledge, the radiological contaminants of concern for the purposes of surveys and sampling were determined to be Uranium (U), Plutonium (Pu), and Americium (Am). The non-radiological contaminants of concern for the purposes of sampling were determined to be RCRA metals, RCRA volatile organics, Beryllium (Be), PCBs, and Asbestos. The total surveys and samples to be taken are summarized in Table 1. The B371 Cluster consists of buildings: 371, 373, 374, 377, 378, 381, 374A, 262, 262A, and Tanks 163, 164, 165, 166, 167, 168, 169, 170, 224, 225, 226, 227, 228, and T4A.
B371 A 000002 09/11/1995 30 Pages PUBLIC	YES, ROUTINE Author(s) BELCHER, W. R.	WRB-007-95 Recipient(s) PEREGOY, W. L.	Rocky Mountain Remediation Services, L.L.C. (RMRS) transmits Building 371 Drainage System Simulation Report, which examined the effect of a catastrophic failure of the foundation drainage system and provided estimates of the water level recovery after such an event.
B371 A 000003 11/08/2000 2 Pages PUBLIC	YES, ROUTINE Author(s) LEGARE, JOSEPH A.	00-DOE-03797 Recipient(s) GUNDERSON, STEVE	US Department of Energy, Rocky Flats Field Office (DOE/RFFO) forwards the Reconnaissance Level Characterization Report (RLCR) for the Building 371 Cluster. The RLCR is being forwarded for concurrence in accordance with Section 3.3.4 of the Decommissioning Characterization Program Plan (DPP).
B371 A 000004 09/19/1995 3 Pages PUBLIC	YES, ROUTINE Author(s) MURDOCK, M. B.	MBM-086-95 Recipient(s) RITCHARD, R. E.	Rocky Mountain Remediation Services, L.L.C. (RMRS) memorandum forwarding Review of Design Criteria for the Protected Area Reconfiguration Project. Comment 1 suggests additional wording for seed mixture selection for vegetation. Comment 2 addresses the need for bird exclusion devices to discourage Cliff Swallow nesting on the new guard tower. Comments 3 and 4 deal with recent

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000005 09/21/1995 1 Pages PUBLIC	YES, ROUTINE Author(s) MURDOCK, M. B.	MBM-089-95 Recipient(s) OTTENSMAN, TOM	Rocky Mountain Remediation Services, L.L.C. (RMRS) memorandum discussing the use of artificial owls as a bird deterrent around Building 371 dock areas. This will not violate the wildlife laws or regulations. The Colorado Division of Wildlife (CDW) often recommends the scarecrow method.
B371 A 000006 10/20/2000 4 Pages PUBLIC	YES, ROUTINE Author(s) LEGARE, JOSEPH A.	00-DOE-03847 Recipient(s) GUNDERSON, STEVE REHDER, TIMOTHY	US Department of Energy, Rocky Flats Field Office (DOE/RFFO), forwards correspondence regarding a letter dated March 22, 2000, by the DOE to the US Environmental Protection Agency (EPA) and the Colorado Department of Public Health and Environment (CDPHE). Provides notification that the Rocky Flats Cleanup Agreement (RFCA), Part II, Subpart D, Paragraph 164, that targets Fiscal Year 2000 FY00, entitled Install and Operate Plutonium (Pu) Packaging System in Building 371 by March, would not be met. It was requested that the target be changed to operate the Plutonium Stabilization and Packaging System by October 31, 2000. The startup schedule has change from October 31, 2000, to January 2001 and the completion date remains May 2002.
B371 A 000007 11/08/2000 2 Pages PUBLIC	YES, ROUTINE Author(s) LEGARE, JOSEPH A.	00-DOE-03797 Recipient(s) GUNDERSON, STEVE	Forwards the attached [000008] Reconnaissance Level Characterization Report (RLCR) for the Building 371/374 Cluster, dated August 28, 2000. This is in concurrence in accordance with Section 3.3.4 of the Decommissioning Characterization Program Plan (DCPP).
B371 A 000008 08/28/2000 169 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED NOT INDICATED	00-DOE-03797 Recipient(s) NOT INDICATED	Reconnaissance Level Characterization Report (RLCR) for the Building 371/374 Cluster, Revision 0, dated August 28, 2000. RLC results indicate the presence of radioactive contamination and possibly within the vapor effect tanks and the spray dryer. Hazards were assessed based on a review of historical ("HSA") and process knowledge, historical radiological and chemical data, and newly acquired RLC data. Support buildings associated with this cluster: 371, 374, 373,

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000009 11/08/2000 2 Pages PUBLIC	YES, ROUTINE Author(s) LEGARE, JOSEPH A.	00-DOE-03797 Recipient(s) GUNDERSON, STEVE	US Department of Energy, Rocky Flats Field Office (DOE/RFFO) forwards the attached [000010] Reconnaissance Level Characterization Report (RLCR) for the Building 371/374 Cluster, Revision 1, dated August 28, 2000, for concurrence in accordance with Section 3.3.4 of the Decommissioning Characterization Program Plan (DCPP).
B371 A 000010 08/28/2000 172 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED NOT INDICATED	Ref: 00-DOE-03797 Recipient(s) NOT INDICATED	Reconnaissance Level Characterization Report (RLCR), for the Building 371/374 Cluster, Revision 1 August 28, 2000. RLC results indicate the presence of radioactive contamination and possibly within the vapor effect tanks and the spray dryer. Hazards were assessed based on a review of historical and process knowledge, historical radiological and chemical data, and newly acquired RLC data.
B371 A 000011 11/27/2000 1 Pages PUBLIC	YES, ROUTINE Author(s) GUNDERSON, STEVE	N/A Recipient(s) LEGARE, JOSEPH A.	Correspondence from the Colorado Department of Public Health and Environment (CDPHE) Management Division concurs with the determination that Building 371 is a Type 3 Facility. However the Division does not concur that Building 374 is a Type 2 Facility.
B371 A 000012 12/13/2000 1 Pages PUBLIC	YES, ROUTINE Author(s) FOSS, DYAN	N/A Recipient(s) GERDEMAN, FRED HINDMAN, JAMES	Discussion of the proposed schedule of the Building 371 Decommissioning Operations Plan (DOP) and it would be appropriate to initiate the formal Public Comment Period the week of December 18, 2000.
B371 A 000013 12/15/2000 3 Pages PUBLIC	YES, ROUTINE Author(s) GERDEMAN, FRED	N/A Recipient(s) ADMINISTRATIVE RECORD	Rocky Flats Cleanup Agreement (RFCA) decision of Building 371 planned work in Room 3701 which was agreed on December 15, 2000. The work includes removal of all nine Gloveboxes, one C-Cell and one Airlock.

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B371 A 000014 12/21/2000 2 Pages PUBLIC	YES, ROUTINE Author(s) LEGARE, JOSEPH A.	00-DOE-04260 Recipient(s) GUNDERSON, STEVE	US Department of Energy, Rocky Flats Field Office (DOE/RFFO) forwards the Final Draft of the Decommissioning Operations Plan (DOP) for the 371/374 Cluster Closure Project dated December 20, 2000, to the Colorado Department of Public Health and Environment (CDPHE).
B371 A 000015 12/20/2000 214 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	Ref: 00-DOE-04260 Recipient(s) NOT INDICATED	Final Draft of the Decommissioning Operations Plan (DOP) for the 371/374 Cluster Closure Project dated December 20, 2000. This final draft includes Appendices A through E, plus several maps and diagrams of the area.
B371 A 000016 01/31/2001 1 Pages PUBLIC	YES, ROUTINE N/A Author(s) GUNDERSON, STEVE	Recipient(s) LEGARE, JOSEPH A.	Colorado Department of Public Health and Environment (CDPHE), correspondence regarding their review of the Reconnaissance Level Characterization Report (RLCR), for the Building 371. The Division concurs with the facility classifications listed, but requires an underground tank to have further characterization.
B371 A 000017 02/09/2001 5 Pages PUBLIC	YES, ROUTINE N/A Author(s) GUNDERSON, STEVE HINDMAN, JAMES	Recipient(s) LEGARE, JOSEPH A. FOSS, DYAN	Colorado Department of Public Health and Environment (CDPHE) forwards comments on the Final Draft of the Building 371 and 374 Closure Project Decommissioning Operations Plan (DOP), dated December 20, 2000. This plan describes how decommissioning activities will be performed for Type 2 and Type 3 facilities. The Division does not require any significant changes.
B371 A 000018 01/23/2001 8 Pages PUBLIC	YES, ROUTINE N/A Author(s) HARLOW, MARY	Recipient(s) FOSS, DYAN	City of Westminster transmits the review and comments for the Building 371/374 Decommissioning Operations Plan (DOP), in which they find a notable lack in information. The specifics are difficult in this document, as the demolition is five or six years away. The comments discuss the project approach, the Pre-Demolition Survey (PDS) and the Removal of the CSV and I/O Stations.

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000019 02/09/2001 5 Pages PUBLIC	YES, ROUTINE N/A Author(s) GUNDERSON, STEVE HINDMAN, JAMES	Recipient(s) LEGARE, JOSEPH A. FOSS, DYAN	Colorado Department of Public Health and Environment (CDPHE), transmits Comments on the Final Draft of the Building 371/374 Decommissioning Operations Plan (DOP) dated December 20, 2000. This DOP is well written and does not require many significant changes.
B371 A 000020 02/05/2001 8 Pages PUBLIC	YES, ROUTINE N/A Author(s) GARCIA, SHIRLEY	Recipient(s) FOSS, DYAN	City of Broomfield transmits the review and comments for the Building 371/374 Decommissioning Operations Plan (DOP) dated December 20, 2000. The comments related to the concern of the Decontamination and Decommissioning (D&D) activities, which may have the potential to impact human health and the environment both on and off site.
B371 A 000021 02/26/2001 4 Pages PUBLIC	YES, ROUTINE N/A Author(s) ABELSON, DAVID M.	Recipient(s) FOSS, DYAN	Rocky Flats Coalition of Local Governments (RFCLG) transmits the comments on the Building 371/374 Closure Project Decommissioning Operations Plan (DOP). The comments include issues raised that not only apply to B371 Closure Project, but also the Decontamination and Decommissioning (D&D) and Environmental Restoration (ER) of the entire Industrial Area (IA).
B371 A 000022 02/15/2001 1 Pages PUBLIC	YES, ROUTINE N/A Author(s) HINDMAN, JAMES	Recipient(s) DISTRIBUTION	Purpose of Contact: Colorado Department of Public Health and Environment (CDPHE) discusses the comments on the Building 371 Decommissioning Operations Plan (DOP).
B371 A 000023 02/14/2001 1 Pages PUBLIC	YES, ROUTINE N/A Author(s) HARLOW, MARY	Recipient(s) DISTRIBUTION	Purpose of Contact: Colorado Department of Public Health and Environment (CDPHE) discusses the comments on the Building 371 Decommissioning Operations Plan (DOP). The topics discussed were the use of explosives, monitoring during decommissioning, the Integrated Monitoring Plan (IMP) update, and the method of back filling the void that will be created during decommissioning activities.

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000024 02/23/2001 1 Pages PUBLIC	YES, ROUTINE Author(s) HINDMAN, JAMES	N/A Recipient(s) FOSS, DYAN	Purpose of Contact: Colorado Department of Public Health and Environment (CDPHE) discusses the phone calls made to resolve the remaining issues associated with the Building 371 Decommissioning Operations Plan (DOP). The concern that the DOP did not provide adequate notification for the Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) was discussed.
B371 A 000025 02/21/2001 2 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Purpose of Contact: Discusses the comments on the Building 371 Decommissioning Operations Plan (DOP) at Westminster City Hall. The meeting focused on questions and concerns related to the Waste Management (WM) Program and South Side decommissioning activities.
B371 A 000026 02/28/2001 1 Pages PUBLIC	YES, ROUTINE Author(s) HINDMAN, JAMES	N/A Recipient(s) FOSS, DYAN	Purpose of Contact: Discusses the redlined Decommissioning Operations Plan (DOP) for Building 371.
B371 A 000027 03/09/2001 1 Pages PUBLIC	YES, ROUTINE Author(s) HINDMAN, JAMES	N/A Recipient(s) FOSS, DYAN	Purpose of Contact: Discusses minor modifications due to a set table throughout the Decommissioning Operations Plan (DOP) for consistency. The DOP needs to include how the Under Building Contaminant (UBC) will be characterized and how the UBC characterization will be integrated with decommissioning activities.
B371 A 000028 03/08/2001 2 Pages PUBLIC	YES, ROUTINE Author(s) LEGARE, JOSEPH A.	01-DOE-00433 Recipient(s) GUNDERSON, STEVE	US Department of Energy (DOE) forwards the Decommissioning Operations Plan (DOP) for Building 371/374 Cluster Closure Project dated February 27, 2001, Revision 0 for approval.

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000029 02/27/2001 165 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	Ref: 01-DOE-00433 Recipient(s) DISTRIBUTION	Decommissioning Operations Plan (DOP) for Building 371/374 Cluster Closure Project dated February 27, 2001, Revision 0. The Building 371/374 Closure Project is comprised of Buildings 371, 374, 373, 374A, 377, 378, 381 and 14 aboveground storage tanks. Appendices A through E are included in this plan.
B371 A 000030 03/15/2001 2 Pages PUBLIC	YES, ROUTINE N/A Author(s) GUNDERSON, STEVE	Recipient(s) LEGARE, JOSEPH A.	Colorado Department of Public Health and Environment (CDPHE) have become aware of the Preliminary Notification of Information date February 9, 2001 which states "A trend has developed in Building 371 concerning a failure to consistently report incidents via the occurrence report process".
B371 A 000031 03/29/2001 2 Pages PUBLIC	YES, ROUTINE Author(s) LEGARE, JOSEPH A.	01-DOE-00611; 00232-RF-01 Recipient(s) GUNDERSON, STEVE	Transmits the Building 371/374 Closure Project Decommissioning Operations Plan (DOP), Revision 0 dated March 26, 2001, for approval from the Colorado Department of Public Health and Environment (CDPHE). This plan has been revised to incorporate clarifications, corrections and editorial changes requested by the CDPHE.
B371 A 000032 03/26/2001 163 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	Ref: 01-DOE-00611; 00232-RF-01 Recipient(s) DISTRIBUTION	Building 371/374 Closure Project Decommissioning Operations Plan (DOP), Revision 0 dated March 26, 2001. Appendix A includes B371/374 Resource Conservation and Recovery Act (RCRA) Regulatory Units and specific closure information sheets. Appendix C consists of B371/374 RCRA Regulated Tank Units and related drawings. Appendices D and E are the closure project schedule and the Decommissioning Operations Plan (DOP) comment responsiveness summary.
B371 A 000033 03/29/2001 1 Pages PUBLIC	YES, ROUTINE N/A Author(s) GUNDERSON, STEVE	Recipient(s) LEGARE, JOSEPH A.	Colorado Department of Public Health and Environment (CDPHE) forwards their approval of the Building 371/374 Closure Project Decommissioning Operations Plan (DOP). The DOP describes how decommissioning activities will be performed for Type 2 and Type 3 Facilities.

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000034 03/29/2001 1 Pages PUBLIC	YES, ROUTINE N/A Author(s) GUNDERSON, STEVE	Recipient(s) LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE), Hazardous Materials and Waste Management Division (the Division) forwards their approval of the Building 371/374 Closure Project Decommissioning Operations Plan (DOP). The DOP describes how decommissioning activities will be performed for Type 2 and Type 3 Facilities.
B371 A 000035 05/21/2001 11 Pages PUBLIC	YES, ROUTINE N/A Author(s) ARNOLD, PAM	Recipient(s) DISTRIBUTION	Building 371 Closure Project Weekly Status Meeting, May 21, 2001. Decontamination and Decommissioning (D&D) Summary consists of Non-Actinide Liquid Draining, Tank, Glovebox, CSV and Set 16 Deactivation. Dismantlement Strategies and Special Projects are reported. Special Projects consist of Cerium Nitrate testing, MAA/PA Closure, North Side Cleanup, Remote Dismantlement Chamber and Breathing Air.
B371 A 000036 06/04/2001 9 Pages PUBLIC	YES, ROUTINE N/A Author(s) ARNOLD, PAM	Recipient(s) DISTRIBUTION	Building 371 Closure Project Weekly Status Meeting, June 4, 2001. Decontamination and Decommissioning (D&D) Summary consist of Non-actinide Liquid Draining, Tank, Glovebox CSV, and Set 16 Deactivation. Special Projects consist of Cerium Nitrate testing, MAA/PA Closure, North Side Cleanup, Remote Dismantlement Chamber and Breathing Air.
B371 A 000037 06/11/2001 10 Pages PUBLIC	YES, ROUTINE N/A Author(s) ARNOLD, PAM	Recipient(s) ADMINISTRATIVE RECORD	Building 371 Closure Project Weekly Status Meeting, June 11, 2001. Decontamination and Decommissioning (D&D) Summary consist of Non-actinide Liquid Draining, Tank, Glovebox CSV, and Set 16 Deactivation. Special Projects consist of Cerium Nitrate testing, MAA/PA Closure, North Side Cleanup, Remote Dismantlement Chamber and Breathing Air.

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B371 A 000038 06/18/2001 10 Pages PUBLIC	YES, ROUTINE N/A Author(s) ARNOLD, PAM	Recipient(s) ADMINISTRATIVE RECORD	Building 371 Closure Project Weekly Status Meeting, June 18, 2001. Decontamination and Decommissioning (D&D) Summary consist of Non-actinide Liquid Draining, Tank, Glovebox CSV, and Set 16 Deactivation. Special Projects consist of Cerium Nitrate testing, MAA/PA Closure, North Side Cleanup, Remote Dismantlement Chamber and Breathing Air.
B371 A 000039 06/25/2001 10 Pages PUBLIC	YES, ROUTINE N/A Author(s) ARNOLD, PAM	Recipient(s) ADMINISTRATIVE RECORD	Building 371 Closure Project Weekly Status Meeting, June 25, 2001. Decontamination and Decommissioning (D&D) Summary consist of Non-actinide Liquid Draining, Tank, Glovebox CSV; and Set 16 Deactivation. Special Projects consist of Cerium Nitrate testing, MAA/PA Closure, North Side Cleanup, Remote Dismantlement Chamber and Breathing Air.
B371 A 000040 07/02/2001 11 Pages PUBLIC	YES, ROUTINE N/A Author(s) ARNOLD, PAM	Recipient(s) ADMINISTRATIVE RECORD	Building 371 Closure Project Weekly Status Meeting, July 2, 2001. Decontamination and Decommissioning (D&D) Summary consist of Non-actinide Liquid Draining, Tank, Glovebox CSV, and Set 16 Deactivation. Special Projects consist of Cerium Nitrate testing, MAA/PA Closure, North Side Cleanup, Remote Dismantlement Chamber and Breathing Air.
B371 A 000041 07/16/2001 10 Pages PUBLIC	YES, ROUTINE N/A Author(s) ARNOLD, PAM	Recipient(s) ADMINISTRATIVE RECORD	Building 371 Closure Project Weekly Status Meeting, July 16, 2001. Decontamination and Decommissioning (D&D) Summary consist of Non-actinide Liquid Draining, Tank, Glovebox CSV, and Set 16 Deactivation. Special Projects consist of Cerium Nitrate testing, MAA/PA Closure, North Side Cleanup, Remote Dismantlement Chamber and Breathing Air.

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000042 07/23/2001 7 Pages PUBLIC	YES, ROUTINE Author(s) ARNOLD, PAM	N/A Recipient(s) ADMINISTRATIVE RECORD	Building 371 Closure Project Weekly Status Meeting, July 23, 2001. Decontamination and Decommissioning (D&D) Summary consist of Non-actinide Liquid Draining, Tank, Glovebox CSV, and Set 16 Deactivation. Special Projects consist of Cerium Nitrate testing, MAA/PA Closure, North Side Cleanup, Remote Dismantlement Chamber and Breathing Air.
B371 A 000043 07/30/2001 10 Pages PUBLIC	YES, ROUTINE Author(s) ARNOLD, PAM	N/A Recipient(s) ADMINISTRATIVE RECORD	Building 371 Closure Project Weekly Status Meeting, July 30, 2001. Decontamination and Decommissioning (D&D) Summary consist of Non-actinide Liquid Draining, Tank, Glovebox CSV, and Set 16 Deactivation. Special Projects consist of Cerium Nitrate testing, MAA/PA Closure, North Side Cleanup, Remote Dismantlement Chamber and Breathing Air.
B371 A 000044 08/06/2001 10 Pages PUBLIC	YES, ROUTINE Author(s) ARNOLD, PAM	N/A Recipient(s) ADMINISTRATIVE RECORD	Building 371 Closure Project Weekly Status Meeting, August 6, 2001. Decontamination and Decommissioning (D&D) Summary consist of Non-actinide Liquid Draining, Tank, Glovebox CSV, and Set 16 Deactivation. Special Projects consist of Cerium Nitrate testing, MAA/PA Closure, North Side Cleanup, Remote Dismantlement Chamber and Breathing Air.
B371 A 000045 08/13/2001 10 Pages PUBLIC	YES, ROUTINE Author(s) ARNOLD, PAM	N/A Recipient(s) ADMINISTRATIVE RECORD	Building 371 Closure Project Weekly Status Meeting, August 13, 2001. Decontamination and Decommissioning (D&D) Summary consist of Non-actinide Liquid Draining, Tank, Glovebox CSV, and Set 16 Deactivation. Special Projects consist of Cerium Nitrate testing, MAA/PA Closure, North Side Cleanup, Remote Dismantlement Chamber and Breathing Air.

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B371 A 000046 08/20/2001 10 Pages PUBLIC	YES, ROUTINE N/A Author(s) ARNOLD, PAM	Recipient(s) ADMINISTRATIVE RECORD	Building 371 Closure Project Weekly Status Meeting, August 20, 2001. Decontamination and Decommissioning (D&D) Summary consist of Non-actinide Liquid Draining, Tank, Glovebox CSV, and Set 16 Deactivation. Special Projects consist of Cerium Nitrate testing, MAA/PA Closure, North Side Cleanup, Remote Dismantlement Chamber and Breathing Air.
B371 A 000047 08/27/2001 10 Pages PUBLIC	YES, ROUTINE N/A Author(s) ARNOLD, PAM	Recipient(s) ADMINISTRATIVE RECORD	Building 371 Closure Project Weekly Status Meeting, August 27, 2001. Decontamination and Decommissioning (D&D) Summary consist of Non-actinide Liquid Draining, Tank, Glovebox CSV, and Set 16 Deactivation. Special Projects consist of Cerium Nitrate testing, MAA/PA Closure, North Side Cleanup, Remote Dismantlement Chamber and Breathing Air.
B371 A 000048 09/10/2001 10 Pages PUBLIC	YES, ROUTINE N/A Author(s) ARNOLD, PAM	Recipient(s) ADMINISTRATIVE RECORD	Building 371 Closure Project Weekly Status Meeting, September 10, 2001. Decontamination and Decommissioning (D&D) Summary consist of Non-actinide Liquid Draining, Tank, Glovebox CSV, and Set 16 Deactivation. Special Projects consist of Cerium Nitrate testing, MAA/PA Closure, North Side Cleanup, Remote Dismantlement Chamber and Breathing Air.
B371 A 000049 09/17/2001 10 Pages PUBLIC	YES, ROUTINE N/A Author(s) ARNOLD, PAM	Recipient(s) ADMINISTRATIVE RECORD	Building 371 Closure Project Weekly Status Meeting, September 17, 2001. Decontamination and Decommissioning (D&D) Summary consist of Non-actinide Liquid Draining, Tank, Glovebox CSV, and Set 16 Deactivation. Special Projects consist of Cerium Nitrate testing, MAA/PA Closure, North Side Cleanup, Remote Dismantlement Chamber and Breathing Air.

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B371 A 000050 09/24/2001 9 Pages PUBLIC	YES, ROUTINE Author(s) ARNOLD, PAM	N/A Recipient(s) ADMINISTRATIVE RECORD	Building 371 Closure Project - Weekly Status Meeting US Department of Energy (DOE)/Lead Regulatory Agency, September 24, 2001.
B371 A 000051 09/21/2001 1 Pages PUBLIC	YES, ROUTINE Author(s) FLOERKE, JIM	01-RF-02237; JPF-039-01 Recipient(s) GERDEMAN, FRED	Submits the attached [000052] Revision 1 of Reconnaissance Level Characterization (RLC), Pre-Demolition Survey Report (PDSR) for the Building 371 North-Side Demolition Project.
B371 A 000052 09/21/2001 113 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	Ref: 01-DOE-01780; 00654-RF-01; 01-RF-02237; JPF-0: Recipient(s) DISTRIBUTION	Reconnaissance Level Characterization (RLC)/Pre-Demolition Survey Report (PDSR) Building 371 North Side Demolition Project, Revision 1 September 21, 2001. This PDSR includes Tanks T163, T164, T165, T167, T168 and T169, and Related Containment, Berms and Pads. Attachment A consists of Facility Location Maps; Attachment B, Radiological and Chemical Characterization Packages. Attachment C holds Radiological Survey Unit Packages and Attachment D, Data Quality Assessment (DQA) Details.
B371 A 000053 10/03/2001 2 Pages PUBLIC	YES, ROUTINE Author(s) LEGARE, JOSEPH A.	01-DOE-01780; 00654-RF-01 Recipient(s) GUNDERSON, STEVE	Forwards the attached [000052] Reconnaissance Level Characterization (RLC)/Pre-Demolition Survey Report (PDSR) Building 371 North Side Demolition Project, Revision 1 September 21, 2001.
B371 A 000054 10/01/2001 10 Pages PUBLIC	YES, ROUTINE Author(s) ARNOLD, PAM	N/A Recipient(s) ADMINISTRATIVE RECORD	Provides the enclosed Weekly Status Meeting DOE/LRA for October 1, 2001. The agenda consisted of Tank, Glovebox, CSV and Set 16 Deactivation for Building 371. Special Projects include Cerium Nitrate and MAA/PA Closure.

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B371 A 000055 10/12/2001 1 Pages PUBLIC	YES, ROUTINE N/A Author(s) GUNDERSON, STEVE ONYSKIW, DENISE M.	Recipient(s) LEGARE, JOSEPH A.	Approval of facility typing as reported in the Reconnaissance Level Characterization Report (RLCR) Pre-Demolition Survey Report (PDSR), 371 North Side Demolition Project.
B371 A 000056 10/15/2001 20 Pages PUBLIC	YES, ROUTINE N/A Author(s) ARNOLD, PAM	Recipient(s) ADMINISTRATIVE RECORD	Building 371 Closure Project Weekly Status Meeting: Decontamination and Decommissioning (D&D) projects consist of Non-Actinide Liquid Draining, Tank and Glovebox, Deactivation, CSV and Set 16 Deactivation. Special Projects consists of Cerium Nitrate and MMA/PA Closure.
B371 A 000057 10/18/2001 3 Pages PUBLIC	YES, ROUTINE 01-DOE-01894; 00701-RF-01 Author(s) LEGARE, JOSEPH A.	Recipient(s) GUNDERSON, STEVE	Invoking the Rocky Flats Cleanup Agreement (RFCA) Standard Operating Protocol for Recycling Concrete / Building Rubble (RSOP for Recycling Concrete), for Building 371 North Side project.
B371 A 000058 08/08/2001 2 Pages PUBLIC	YES, ROUTINE 01-DOE-01261; 01-RF-01534; 00527-RF-01 Author(s) LEGARE, JOSEPH A. NORTH, KARAN	Recipient(s) DOWSETT, FREDERICK R.	US Department of Energy, Rocky Flats Field Office (DOE/RFFO) and Kaiser-Hill Company, L.L.C. (K-H) requests written confirmation from the Colorado Department of Public Health and Environment (CDPHE) Hazardous Waste Management Division (HZMD) accepting clarification that discharges from the operation of the Building 374 evaporator. This will be sampled quarterly for the purpose of implementing the B374 Product Water Monitoring Plan.
B371 A 000059 03/01/1998 44 Pages PUBLIC	YES, ROUTINE RF/RMRS-97-121 Author(s) NOT INDICATED	Recipient(s) DISTRIBUTION	Scope and Applicability of Building 374, Health and Safety Plan (HASP) Revision 0, March 1, 1998. Included in this plan are Appendices 1 through 9.

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CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY**

There are 288 records in this set and a total of 3954 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000060 10/29/2001 1 Pages	YES, ROUTINE Author(s) FOSS, DYAN	N/A Recipient(s) HINDMAN, JAMES	Purpose of Contact: Discusses the verification of adequacy for proposed waste line flushing for the Building 371 Project to ensure the lines are Resource Conservation and Recovery Act (RCRA) stable.
PUBLIC			
B371 A 000061 10/22/2001 11 Pages	YES, ROUTINE Author(s) ARNOLD, PAM	N/A Recipient(s) ADMINISTRATIVE RECORD	Building 371 Closure Project Weekly Status Meeting, October 22, 2001. Decontamination and Decommissioning (D&D) Summary consist of Non-actinide Liquid Draining, Tank, Glovebox CSV, and Set 16 Deactivation. Special Projects consist of Cerium Nitrate testing, MAA/PA Closure, North Side Cleanup, Remote Dismantlement Chamber and Breathing Air. Attached is an e-mail correspondence, providing a list of the areas from which concrete will be recycled.
PUBLIC			
B371 A 000062 11/05/2001 12 Pages	YES, ROUTINE Author(s) ARNOLD, PAM	N/A Recipient(s) ADMINISTRATIVE RECORD	Building 371 Closure Project Weekly Status Meeting, November 5, 2001. Decontamination and Decommissioning (D&D) Summary consist of Non-actinide Liquid Draining, Tank, Glovebox CSV, and Set 16 Deactivation. Special Projects consist of Cerium Nitrate testing, MAA/PA Closure, North Side Cleanup, Remote Dismantlement Chamber and Breathing Air.
PUBLIC			
B371 A 000063 11/19/2001 10 Pages	YES, ROUTINE Author(s) ARNOLD, PAM	N/A Recipient(s) ADMINISTRATIVE RECORD	Weekly Status Meeting: Building 371 Closure Project, November 19, 2001
PUBLIC			
B371 A 000064 10/29/2001 11 Pages	YES, ROUTINE Author(s) ARNOLD, PAM	N/A Recipient(s) ADMINISTRATIVE RECORD	Weekly Status Meeting: Building 371 Closure Project, October 29, 2001
PUBLIC			

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There are 288 records in this set and a total of 3954 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000065 11/12/2001 11 Pages PUBLIC	YES, ROUTINE Author(s) ARNOLD, PAM	N/A Recipient(s) ADMINISTRATIVE RECORD	Weekly Status Meeting: Building 371 Closure Project, November 12, 2001
B371 A 000066 12/03/2001 17 Pages PUBLIC	YES, ROUTINE Author(s) ARNOLD, PAM	N/A Recipient(s) ADMINISTRATIVE RECORD	Weekly Status Meeting: Building 371 Closure Project, December 3, 2001
B371 A 000067 12/17/2001 10 Pages PUBLIC	YES, ROUTINE Author(s) ARNOLD, PAM	N/A Recipient(s) ADMINISTRATIVE RECORD	Weekly Status Meeting: Building 371 Closure Project, December 17, 2001
B371 A 000068 12/10/2001 10 Pages PUBLIC	YES, ROUTINE Author(s) ARNOLD, PAM	N/A Recipient(s) ADMINISTRATIVE RECORD	Weekly Status Meeting: Building 371 Closure Project, December 10, 2001
B371 A 000069 01/02/2002 11 Pages PUBLIC	YES, ROUTINE Author(s) ARNOLD, PAM	N/A Recipient(s) ADMINISTRATIVE RECORD	Weekly Status Meeting: Building 371 Closure Project, January 2, 2002

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There are 288 records in this set and a total of 3954 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000070 01/09/2002 10 Pages	YES, ROUTINE N/A Author(s) ARNOLD, PAM	Recipient(s) ADMINISTRATIVE RECORD	Weekly Status Meeting: Building 371 Closure Project, January 9, 2002
PUBLIC			
B371 A 000071 01/16/2002 10 Pages	YES, ROUTINE N/A Author(s) IDIZ, ERDEM F.	Recipient(s) ADMINISTRATIVE RECORD	Weekly Status Meeting: Building 371 Closure Project, January 16, 2002.
PUBLIC			
B371 A 000072 01/23/2002 10 Pages	YES, ROUTINE N/A Author(s) IDIZ, ERDEM F.	Recipient(s) ADMINISTRATIVE RECORD	Weekly Status Meeting: Building 371 Closure Project, January 23, 2002.
PUBLIC			
B371 A 000073 01/30/2002 10 Pages	YES, ROUTINE N/A Author(s) IDIZ, ERDEM F.	Recipient(s) ADMINISTRATIVE RECORD	Weekly Status Meeting: Building 371 Closure Project, January 30, 2002.
PUBLIC			
B371 A 000074 02/06/2002 12 Pages	YES, ROUTINE N/A Author(s) IDIZ, ERDEM F.	Recipient(s) ADMINISTRATIVE RECORD	Weekly Status Meeting: Building 371 Closure Project, February 6, 2002.
PUBLIC			

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There are 288 records in this set and a total of 3954 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000075 02/13/2002 13 Pages PUBLIC	YES, ROUTINE Author(s) IDIZ, ERDEM F. MATHIASMEIER, SUE	N/A Recipient(s) ADMINISTRATIVE RECORD	Weekly Status Meeting DOE/LRA Minutes and Building 371 Closure Project Weekly Status Meeting, for February 13, 2002.
B371 A 000076 02/20/2002 13 Pages PUBLIC	YES, ROUTINE Author(s) GREEN, KEN IDIZ, ERDEM F.	N/A Recipient(s) ADMINISTRATIVE RECORD ARNOLD, PAM	Weekly Status Meeting DOE/LRA for February 20, 2002: Building 371 Closure Project, Weekly Status Meeting.
B371 A 000077 02/27/2002 13 Pages PUBLIC	YES, ROUTINE Author(s) IDIZ, ERDEM F.	N/A Recipient(s) ADMINISTRATIVE RECORD	Weekly Status Meeting DOE/LRA for February 27, 2002 - Building 371 Closure Project Weekly Status Meeting
B371 A 000078 03/13/2002 13 Pages PUBLIC	YES, ROUTINE Author(s) IDIZ, ERDEM F.	N/A Recipient(s) ADMINISTRATIVE RECORD	Weekly Status Meeting DOE/LRA for March 13, 2002 - Building 371 Closure Project Weekly Status Meeting
B371 A 000079 03/06/2002 13 Pages PUBLIC	YES, ROUTINE Author(s) IDIZ, ERDEM F.	N/A Recipient(s) ADMINISTRATIVE RECORD	Weekly Status Meeting DOE/LRA for March 6, 2002 - Building 371 Closure Project Weekly Status Meeting

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There are 288 records in this set and a total of 3954 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000080 03/27/2002 13 Pages PUBLIC	YES, ROUTINE Author(s) IDIZ, ERDEM F.	N/A Recipient(s) DISTRIBUTION	Building 371 Closure Project Weekly Status Meeting, March 27, 2002
B371 A 000081 03/20/2002 12 Pages PUBLIC	YES, ROUTINE Author(s) IDIZ, ERDEM F.	N/A Recipient(s) DISTRIBUTION	B371 Closure Project Weekly Status Meeting, March 20, 2002
B371 A 000082 04/03/2002 12 Pages PUBLIC	YES, ROUTINE Author(s) IDIZ, ERDEM F.	N/A Recipient(s) ADMINISTRATIVE RECORD	Weekly Status Meeting DOE/LRA: Building 371 Closure Project Weekly Status Meeting, April 3, 2002.
B371 A 000083 04/17/2002 14 Pages PUBLIC	YES, ROUTINE Author(s) IDIZ, ERDEM F.	N/A Recipient(s) ADMINISTRATIVE RECORD	Weekly Status Meeting DOE/LRA for April 17, 2002 - Building 371 Closure Project Weekly Status Meeting
B371 A 000084 04/24/2002 14 Pages PUBLIC	YES, ROUTINE Author(s) ARNOLD, PAM	N/A Recipient(s) ADMINISTRATIVE RECORD	Weekly Status Meeting DOE/LRA for April 24, 2002 - Building 371 Closure Project Weekly Status Meeting

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000085 05/01/2002 12 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Building 371 Closure Project - Weekly Status Meeting DOE/LRA, May 1, 2002: This week's meeting was the first of the monthly Decontamination and Decommissioning (D&D) activity walk-downs. The agenda was handed out to participants and used to facilitate the walk-down as well as provide the weekly activities update.
B371 A 000086 05/08/2002 15 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for May 8, 2002 - Building 371 Closure Project Weekly Status Meeting
B371 A 000087 05/15/2002 12 Pages PUBLIC	YES, ROUTINE Author(s) FLOERKE, JIM	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for May 15, 2002. The agenda consisted of Tank, Glovebox deactivation, Set 9 CSV and Set 12 Glovebox removal for Building 371. MAA/PA closure, breathing air, Miscellaneous Decontamination and Decommissioning (D&D) status and Sets 7, 14, 21 and 56 status is part of the agenda.
B371 A 000088 05/22/2002 13 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Building 371 Closure Project - Weekly Status Meeting DOE/LRA, May 22, 2002: Decontamination and Decommissioning (D&D) includes, Sets Status, Tanks, Gloveboxes MAA/PA Closure, Gloveboxes to Envirocare and 3000 legacy drums. Construction includes Set 56 and 21 Dismantlement in Building 374.
B371 A 000089 06/05/2002 13 Pages PUBLIC	YES, ROUTINE Author(s) ARNOLD, PAM	N/A Recipient(s) DISTRIBUTION	Building 371 Closure Project Weekly Status Meeting, June 5, 2002: Agenda and meeting notes.

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000090 06/12/2002 13 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA Minutes and Building 371 Closure Project Weekly Status Meeting, for June 12, 2002.
B371 A 000091 06/19/2002 13 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for June 19, 2002, Building 371 Closure Project.
B371 A 000092 06/26/2002 20 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for June 26, 2002; Building 371 Closure Project is the agenda. The agenda consists of Decontamination and Decommissioning (D&D), Construction, Facility, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
B371 A 000093 07/03/2002 14 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for July 3, 2002; Building 371 Closure Project is the agenda. The agenda consists of Decontamination and Decommissioning (D&D), Construction, Facility, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
B371 A 000094 04/10/2002 13 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for April 10, 2002; Building 371 Closure Project Weekly Status Meeting

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B371 A 000095 07/17/2002 13 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for July 17, 2002 - Building 371 Closure Project: The agenda includes Decontamination and Decommissioning (D&D), Construction, Facility, PuSPS, Authorization Basis/BIO and Environmental & Action Items.
B371 A 000096 07/24/2002 13 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for July 24, 2002 - Building 371 Closure Project: The agenda includes Decontamination and Decommissioning (D&D), Construction, Facility, PuSPS, Authorization Basis/BIO and Environmental & Action Items.
B371 A 000097 07/31/2002 13 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for July 31, 2002 - Building 371 Closure Project: The agenda includes Decontamination and Decommissioning (D&D), Construction, Facility, PuSPS, Authorization Basis/BIO and Environmental & Action Items.
B371 A 000098 08/21/2002 13 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for August 21, 2002; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, Facility, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
B371 A 000099 08/07/2002 12 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for August 7, 2002; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction, Facility, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000100 09/11/2002 13 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for September 11, 2002; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
B371 A 000101 08/14/2002 15 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for August 14, 2002; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
B371 A 000102 09/04/2002 14 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for September 4, 2002; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
B371 A 000103 09/18/2002 13 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for September 18, 2002; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
B371 A 000104 09/25/2002 14 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for September 25, 2002; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.

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There are 288 records in this set and a total of 3954 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000105 10/09/2002 14 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for October 9, 2002; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
B371 A 000106 10/02/2002 16 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for October 2, 2002; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items. Attached is the Building 371/374 Project Berm Removal Evaluation and a table of Environmental Status, Regulated Items.
B371 A 000107 10/16/2002 14 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for October 16, 2002; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
B371 A 000108 10/23/2002 14 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for October 23, 2002; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
B371 A 000109 12/04/2002 7 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for December 4, 2002; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000110 11/27/2002 13 Pages PUBLIC	YES, ROUTINE N/A Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for November 27, 2002; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
B371 A 000111 11/20/2002 13 Pages PUBLIC	YES, ROUTINE N/A Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for November 20, 2002; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
B371 A 000112 12/11/2002 13 Pages PUBLIC	YES, ROUTINE N/A Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for December 11, 2002; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items. Also attached is the Resource Conservation and Recovery Act (RCRA) Unit Description, Environmental Status.
B371 A 000113 08/24/2000 29 Pages PUBLIC	YES, ROUTINE N/A Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Review comment and disposition sheet for the Reconnaissance Level Characterization Report (RLCR) for Building 371 Cluster, Revision 0.
B371 A 000114 12/18/2002 14 Pages PUBLIC	YES, ROUTINE N/A Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for December 18, 2002; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000115 02/05/2003 13 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for February 5, 2003; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
B371 A 000116 01/08/2003 37 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for January 8, 2003; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items. Includes Building 371 and 374 Closure Process for Treatment Units Checklists and Tank Daily Inspection Log Sheets.
B371 A 000117 01/15/2003 13 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for January 15, 2003; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
B371 A 000118 01/22/2003 14 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for January 22, 2003; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
B371 A 000119 01/29/2003 13 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for January 29, 2003; Building 371 Closure Project:

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B371 A 000120 02/19/2003 13 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for February 19, 2003; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
B371 A 000121 02/12/2003 13 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for February 12, 2003; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
B371 A 000122 03/05/2003 14 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for March 5, 2003; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
B371 A 000123 02/26/2003 14 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for February 26, 2003; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
B371 A 000124 03/12/2003 14 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for March 12, 2003; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.

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B371 A 000125 03/26/2003 23 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for March 26, 2003; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items. Attached is the Resource Conservation and Recovery Act (RCRA) STABLE for Container Storage Units Checklist and an e-mail delivering the Waste Environmental Management System (WEMS) Area Location Request Form and the Vault Container Unit Inspection Log Sheet, Unit 371.1C.
B371 A 000126 04/02/2003 9 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for April 2, 2003; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
B371 A 000127 03/12/2003 1 Pages PUBLIC	YES, ROUTINE Author(s) STRAND, DAVID	N/A Recipient(s) KRUCHEK, DAVID	Purpose of Contact: Discusses the Under Building Contaminant (UBC) of Buildings 371 and 374 soil condition after coring through the floor slabs.
B371 A 000128 03/12/2003 5 Pages PUBLIC	YES, ROUTINE Author(s) GERDEMAN, FRED	N/A Recipient(s) ONYSKIW, DENISE M.	Purpose of Contact: Discusses the status of claimed completions on Decommissioning PWAs for the Building 371 Project.

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

There are 288 records in this set and a total of 3954 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000129 04/09/2003 13 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for April 9, 2003; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
B371 A 000130 04/03/2003 2 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) HINDMAN, JAMES	Purpose of Contact: Discusses the management and the disposition of the sludge in the Building 374 tanks to include Treatability Study (TS), treatment in containers for metals using SP-400 WaterWork Crystals. Discusses the packaging of wastewater sludge from different tanks in the same waste container and provides the appropriate notification.
B371 A 000131 04/16/2003 14 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for April 16, 2003; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items. Includes a contact record regarding decommissioning PWA review and Project Building 371 Predetermined Work Activities Matrix.
B371 A 000132 04/23/2003 10 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for April 23, 2003; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items. Includes a Contact Record that discusses the walkdown completion Rocky Flats Cleanup Agreement (RFCA) PWA, which includes high cost of dismantlement, dated April 10, 2003.

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CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY**

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000133 04/30/2003 8 Pages PUBLIC	YES, ROUTINE N/A Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for April 30, 2003; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
B371 A 000134 05/14/2003 18 Pages PUBLIC	YES, ROUTINE N/A Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for May 14, 2003; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
B371 A 000135 05/28/2003 7 Pages PUBLIC	YES, ROUTINE N/A Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for May 28, 2003; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
B371 A 000136 05/21/2003 1 Pages PUBLIC	YES, ROUTINE N/A Author(s) WARD, DAVID	N/A Recipient(s) HINDMAN, JAMES	Contact Record: Discusses the approval of the removal of a berm between Rooms 3801 and 3810 in Building 374. The Colorado Department of Public Health and Environment (CDPHE) concurred with removing the berm to improve the safety of moving 300- pound sludge crates.
B371 A 000137 06/04/2003 8 Pages PUBLIC	YES, ROUTINE N/A Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for June 4, 2003; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000138 06/11/2003 8 Pages	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Building 371 Weekly Status Meeting DOE/LRA for June 11, 2003
PUBLIC			
B371 A 000139 06/17/2003 8 Pages	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Building 371 Closure Project Weekly Status Meeting, June 17, 2003.
PUBLIC			
B371 A 000140 06/25/2003 8 Pages	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for June 25, 2003; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
PUBLIC			
B371 A 000141 07/09/2003 7 Pages	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for July 9, 2003; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
PUBLIC			
B371 A 000142 07/15/2003 1 Pages	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) HINDMAN, JAMES	Purpose of Contact: Discusses the approval to install a door in the wall/berm of Room 2804 in Building 374.
PUBLIC			

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CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

There are 288 records in this set and a total of 3954 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000143 09/16/1999 3 Pages PUBLIC	YES, ROUTINE Author(s) NESTA, STEVE	SMN-119-99 Recipient(s) FLOERKE, JIM	Discusses the National Environmental Policy Act (NEPA) Determination to deactivate the Building 371 Cluster. This project is designed to remove equipment, materials and waste and perform other minor activities to place the facilities in a safe condition, pending decommissioning activities.
B371 A 000144 10/25/1999 6 Pages PUBLIC	YES, ROUTINE Author(s) NESTA, STEVE	SMN-132-99 Recipient(s) JENNINGS, MIKE	Discusses and encloses the National Environmental Policy Act (NEPA) Determination for the Building 374 Acid Neutralization Project. This will include repair of the present neutralizer for the current stockpile of acids and additional acids that will be generated during Site closure operations.
B371 A 000145 07/23/2003 7 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for July 23, 2003; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
B371 A 000146 07/16/2003 10 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for July 16, 2003; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
B371 A 000147 07/30/2003 17 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for July 30, 2003; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items. Consists of Waste Environmental Management System (WEMS) Request Forms and Glovebox Container Storage Unit Inspection Log Sheet.

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000148 08/06/2003 8 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for August 6, 2003
B371 A 000149 08/13/2003 6 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for August 13, 2003; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items
B371 A 000150 08/20/2003 6 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for August 20, 2003; Building 371/374 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.
B371 A 000151 08/27/2003 6 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Subject: Building 371 Weekly Status Meeting DOE/LRA, August 27, 2003
B371 A 000152 09/10/2003 6 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Subject: Building 371 Weekly Status Meeting DOE/LRA, September 10, 2003.

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000153 10/01/2003 15 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Subject: Building 371 Weekly Status Meeting DOE/LRA, October 1, 2003
B371 A 000154 09/24/2003 11 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Subject: Building 371 Weekly Status Meeting DOE/LRA, September 24, 2003
B371 A 000155 10/08/2003 5 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Subject: Building 371 Weekly Status Meeting DOE/LRA, October 8, 2003
B371 A 000156 10/15/2003 5 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Building 371 Weekly Status Meeting DOE/LRA, October 15, 2003
B371 A 000157 10/06/2003 1 Pages PUBLIC	YES, ROUTINE Author(s) GUNDERSON, STEVE	000954-RF-03 Recipient(s) LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE), Hazardous Materials and Waste Management Division has reviewed the Closeout Report for Building 334, dated October 6, 2003, and appreciates being provided this information. Based on discussion the State would appreciate being provided a revised Closeout Report for B334 addressing enclosed concerns.

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There are 288 records in this set and a total of 3954 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000158 10/22/2003 20 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	NA Recipient(s) DISTRIBUTION	Building 371 Weekly Status Meeting DOE/LRA, October 22, 2003
B371 A 000159 10/29/2003 5 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Building 371 Weekly Status Meeting DOE/LRA, October 29, 2003.
B371 A 000160 11/05/2003 2 Pages PUBLIC	YES, ROUTINE Author(s) GILBREATH, CHRIS C.	N/A Recipient(s) ROBERTS, SARAH ONYSKIW, DENISE M.	Purpose of Contact: As part of the consultative process, the demolition of Rooms 220 and 320 of Building 774 was discussed with Colorado Department of Public Health and Environment (CDPHE). The exterior of the south wall of Room 220 is common to the underground radioactive waste storage tanks that were remediated in October for this year. Because hydrolazing this wall could introduce additional radioactive contamination into the surrounding soil, Room 220 will be demolished and dispositioned as radioactive waste. Room 320, which is located directly above Room 220 and FR-203 (located in Room 320) will be also demolished and dispositioned as radioactive waste.
B371 A 000161 09/17/2003 6 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for September 17, 2003; Building 371 Closure Project: The agenda consists of Decontamination and Decommissioning (D&D), D&D Waste, Construction/Maintenance, PuSPS, Authorization Basis/ Basis For Interim Operations (BIO) and Environmental & Action Items.

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000162 11/05/2003 4 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Building 371 Weekly Status Meeting DOE/LRA, November 5, 2003
B371 A 000163 11/12/2003 5 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Building 371 Weekly Status Meeting DOE/LRA, November 12, 2003
B371 A 000164 11/19/2003 5 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Building 371 Closure Project Weekly Status Meeting DOE/LRA for November 19, 2003
B371 A 000165 12/03/2003 5 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Building 371 Weekly Status Meeting DOE/LRA for December 3, 2003
B371 A 000166 12/10/2003 5 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Weekly Satus Meeting DOE/LRA for December 10, 2003

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000167 12/17/2003 5 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for December 17, 2003
B371 A 000168 12/16/2003 2 Pages PUBLIC	YES, ROUTINE Author(s) GUNDERSON, STEVE	01118-RF-03 Recipient(s) LEGARE, JOSEPH A.	Following are the comments from the Colorado Department of Public Health and Environment (CDPHE) on the Building 371 Closure Project Decommissioning Operations Plan (DOP) Modification 4 dated December 12, 2003.
B371 A 000169 01/07/2004 5 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for January 7, 2004.
B371 A 000170 01/14/2003 4 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for January 14, 2004.
B371 A 000171 01/21/2004 5 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) NOT INDICATED	Weekly Status Meeting DOE/LRA for January 21, 2004.

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000172 01/28/2004 5 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for January 28, 2004.
B371 A 000173 02/04/2004 5 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for February 4, 2004.
B371 A 000174 11/18/2003 89 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	N/A Recipient(s) NOT INDICATED	Building 371/374 Closure Project Decommissioning Operations Plan, Revision 1, Modification 4, November 18, 2003. This revision of the B371/374 Closure Project DOP provides an alternative decommissioning strategy, which substantially reduces the person-hours required to prepare the facility for demolition. The original scope of the project is recorded in the Administrative Record as Building 371/374 Closure Project Decommissioning Operations Plan, Revision 0, March 26, 2001.
B371 A 000175 01/22/2004 10 Pages PUBLIC	YES, ROUTINE Ref: B371-A-000174 Author(s) NELSON, AL	Recipient(s) DISTRIBUTION FOSS, DYAN	City of Westminster comments regarding the Building 371/374 Decommissioning Operations Plan (DOP), Revision 1 Modification 4, dated November 18, 2003.
B371 A 000176 01/20/2004 4 Pages PUBLIC	YES, ROUTINE Author(s) ABELSON, DAVID M.	N/A Recipient(s) DISTRIBUTION FOSS, DYAN	Rocky Flats Coalition of Local Governments (RFCLG) comments regarding the Building 371/374 Closure Project Decommissioning Operations Plan, Revision 1, Modification 4, December 12, 2003 (DOP modification).

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000177 12/21/2003 8 Pages PUBLIC	YES, ROUTINE Author(s) BROWN, DORIAN	N/A Recipient(s) DISTRIBUTION FOSS, DYAN	City and County of Broomfield comments regarding the Building 371/374 Closure Project Decommissioning Operations Plan (DOP) Revision 1, Modification 4, dated December 12, 2003.
B371 A 000178 02/11/2004 5 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Subject: Weekly Status Meeting US Department of Energy (DOE) Lead Regulatory Agency (LRA) DOE/LRA for February 11, 2004.
B371 A 000179 02/18/2004 5 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Subject: Weekly Status Meeting US Department of Energy (DOE) Lead Regulatory Agency (LRA) for February 18, 2004.
B371 A 000180 02/25/2004 7 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Building 371 Weekly Status Meeting for February 25, 2004
B371 A 000181 03/03/2004 5 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	B371 Weekly Status Meeting DOE/LRA for March 3, 2004

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000182 03/10/2004 5 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Subject: Weekly Status Meeting US Department of Energy (DOE/ LRA) Lead Regulatory Agency (LRA) for March 10, 2004.
B371 A 000183 03/17/2004 5 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Subject: Weekly Status Meeting US Department of Energy (DOE) Lead Regulatory Agency (LRA) for March 17, 2004.
B371 A 000184 02/18/2004 1 Pages PUBLIC	YES, ROUTINE Author(s) LEITNER, RANDY M. MCNITT, STEVE WARD, DAVID	N/A Recipient(s) ONYSKIW, DENISE M.	Purpose of Contact: Building 371/374 met with Colorado Department of Public Health and Environment (CDPHE) to discuss Removal and Disposition of the Building 374 Spray Dryer (W803), Room 4812 penthouse, and the associated equipment that is located outside the northeast corner of Building 374. This room contains a spray dryer and misc. other equipment.
B371 A 000185 03/24/2004 5 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Subject: Weekly Status Meeting US Department of Energy (DOE) Lead Regulatory Agency (LRA) for March 24, 2004.
B371 A 000186 03/23/2004 1 Pages PUBLIC	YES, ROUTINE Author(s) GIBBS, FRANK E.	04-RF-00338; FEG-010-04 Recipient(s) MORGAN, GARY	Forward/submits: Attached [000187] is the Closeout Report for the Type 1 Facilities T371A, T371C, T371D, T371E, T371F. Please note that a copy of these have been submitted to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) by Kaiser-Hill Company, L.L.C. (K-H)

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000187 03/23/2004 4 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	04-RF-00338; FEG-010-04; [000186] Recipient(s) DISTRIBUTION	Type 1 Facility Closeout Report for Trailer T371A, which has historically been used as a general office trailer. Trailer T371A was originally located north of Building 771 and was relocated in the early 1980's to support the 371 project. Trailer T371A never housed any hazardous or radiological operations.
B371 A 000188 03/23/2004 5 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	04-RF-00338; FEG-010-04; [000186] Recipient(s) DISTRIBUTION	Attached; [000186]. Type 1 Facility Closeout Report for T371C. Trailer T371C has historically been used as a general office trailer. This trailer was originally installed at current location to support the 371 project. Trailer T371C never housed any hazardous or radiological operations.
B371 A 000189 03/23/2004 4 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	04-RF-00338; FEG-010-04; [000186] Recipient(s) NOT INDICATED	Attached; [000186]. Type 1 Facility Closeout Report for T371D. Trailer T371D has historically been used as a general office trailer. Trailer T371D was originally installed at its current location to support the 371 project. Trailer never housed any hazardous or radiological operations.
B371 A 000190 03/23/2004 5 Pages PUBLIC	YES, ROUTINE Author(s) NOT INDICATED	04-RF-00338; FEG-010-04; [000186] Recipient(s) DISTRIBUTION	Attached; [000186]. Type 1 Facility Closeout Report for T371E. Trailer T371E has historically been used as a restroom. Trailer T371E was originally installed at its current location to support the 371 project trailer location in the general area. Trailer T371E never housed as any hazardous or radiological operations.
B371 A 000191 03/23/2004 4 Pages PUBLIC	YES, ROUTINE Author(s)	04-RF-00338; FEG-010-04; [000186] Recipient(s)	Attached; [000186]. Type 1 Facility Closeout Report for T371F. Trailer has historically been used as a general office trailer. This trailer was original installed at its current location to support the 371 project. Trailer T371F never housed any hazardous or radiological operations.

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000192 03/31/2004 5 Pages	YES, ROUTINE N/A Author(s) WARD, DAVID	Recipient(s) DISTRIBUTION	Weekly Status Meeting US Department of Energy (DOE/LRA), March 31, 2004
PUBLIC			
B371 A 000193 04/07/2004 5 Pages	YES, ROUTINE N/A Author(s) WARD, DAVID	Recipient(s) DISTRIBUTION	Subject: Weekly Status Meeting US Department of Energy (DOE), Lead Regulatory Agency (LRA), for April 7, 2004.
PUBLIC			
B371 A 000194 04/21/2004 5 Pages	YES, ROUTINE N/A Author(s) WARD, DAVID	Recipient(s) DISTRIBUTION	Subject: Weekly Status Meeting US Department of Energy (DOE/LRA) Lead Regulatory Agency April 21, 2004.
PUBLIC			
B371 A 000195 04/28/2004 5 Pages	YES, ROUTINE N/A Author(s) WARD, DAVID	Recipient(s) ROBBINS, JAN	Subject: Weekly Status Meeting US Department of Energy (DOE) Lead Regulatory Agency (LRA) for April 28, 2004.
PUBLIC			
B371 A 000196 04/14/2004 5 Pages	YES, ROUTINE N/A Author(s) WARD, DAVID	Recipient(s) ROBBINS, JAN	Subject: Weekly Status Meeting US Department of Energy (DOE), Lead Regulatory Agency (LRA), for April 14, 2004.
PUBLIC			

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000197 03/31/2004 1 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) ONYSKIW, DENISE M.	Purpose of Contact: Notification that the 371/374 Project are planning to remove the Continuous Air Monitor (CAMs) from the effluent stacks of Buildings 371 and 374. There is no regulator driver for CAMs in the effluent stacks.
B371 A 000198 05/05/2004 5 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for May 5, 2004
B371 A 000199 05/12/2004 5 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for May 12, 2004
B371 A 000200 05/11/2004 1 Pages PUBLIC	YES, ROUTINE Author(s) GUNDERSON, STEVE	00225-RF-04 Recipient(s) LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE) Hazardous Waste Management Division has reviewed the Closeout Reports for Trailers T371A, T371C, T371D, T371E, and T371F, dated March 31, 2004, and received on April 5, 2004.
B371 A 000201 05/27/2004 1 Pages PUBLIC	YES, ROUTINE Author(s) LEGARE, JOSEPH A.	04-DOE-00394; 00241-RF-04; [000202] Recipient(s) GUNDERSON, STEVE	Forwards/submits: The attached [000202] - The purpose of this letter is to transmit the Building 371/374 Decommissioning Operations Plan (DOP), Revision 1, Modification 4, for Colorado Department of Public Health and Environment (CDPHE) approval. Also enclosed is a copy of the DOP identifying the changes made to the DOP issued for public comment on December 12, 2003. The changes reflect the Rocky Flats Environmental Technology Site (RFETS/Site) to the public comments.

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There are 288 records in this set and a total of 3954 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000202 05/27/2004 86 Pages PUBLIC	YES, ROUTINE Author(s) LEGARE, JOSEPH A.	04-DOE-00394; 00241-RF-04 Recipient(s) GUNDERSON, STEVE	This revision of the Building 371/374 Closure Project Decommissioning Operations Plan (DOP) Revision 1, Modification 4, provides an alternative decommissioning strategy, which substantially reduces the person-hours required to prepare the facility for demolition.
B371 A 000203 05/27/2004 1 Pages PUBLIC	YES, ROUTINE Author(s) GUNDERSON, STEVE ONYSKIW, DENISE M.	00242-RF-04 Recipient(s) LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE), Hazardous Material, and Waste Management Division (the Division), has reviewed the proposed major modification to the Building 371/374 Closure project Decommissioning Operations Plan (DOP), Revision 1, Modification 4 dated May 27, 2004. The Division hereby approves the minor modification to the Building 371/374 DOP.
B371 A 000204 06/02/2004 4 Pages PUBLIC	YES, ROUTINE N/A Author(s) WARD, DAVID	Recipient(s) ROBBINS, JAN	Subject: Weekly Status Meeting US Department of Energy (DOE/LRA) Lead Regulatory Agency for June 2, 2004.
B371 A 000205 06/09/2004 4 Pages PUBLIC	YES, ROUTINE N/A Author(s) WARD, DAVID	Recipient(s) ROBBINS, JAN	Subject: Weekly Status Meeting US Department of Energy (DOE/LRA) Lead Regulatory Agency for June 9, 2004.
B371 A 000206 06/16/2004 4 Pages PUBLIC	YES, ROUTINE N/A Author(s) WARD, DAVID	Recipient(s) DISTRIBUTION	Subject: Weekly Status Meeting US Department of Energy (DOE/LRA) Lead Regulatory Agency for June 16, 2004.

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There are 288 records in this set and a total of 3954 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000207 06/23/2004 4 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Subject: Weekly Status Meeting US Department of Energy (DOE/LAR) Lead Regulatory Agency for June 23, 2004.
B371 A 000208 06/30/2004 4 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) ROBBINS, JAN	Subject: Weekly Status Meeting US Department of Energy (DOE/LRA) Lead Regulatory Agency for June 30, 2004.
B371 A 000209 06/09/2004 1 Pages PUBLIC	YES, ROUTINE Author(s) PRIMROSE, ANNETTE L.	N/A Recipient(s) KRUCHEK, DAVID	Purpose of Contact: Removal of Sanitary Sewer West of Building 371. A portion of the Sanitary Sewer line that connected Building 116 to the 371 Trailers will be removed because the dirt in this area will be used as backfill at other site locations, and it is anticipated that the sewer line will no longer be 3 feet or more below grade. The associated manholes and cleanouts will be removed at the same time to ensure that all remaining structures are greater than 3 feet below grade at final grade.
B371 A 000210 06/16/2004 2 Pages PUBLIC	YES, ROUTINE Author(s) LAVORATO, KAREN	N/A Recipient(s) HINDMAN, JAMES	Purpose of Contact: Building 374 Intermodal Repack Activity. Waste Operations (WO) needs to blend and/or divide Building 374 Low-Level Mixed (LLM) sludge packaged in five intermodals to distribute the fissile content.
B371 A 000211 06/23/2004 2 Pages PUBLIC	YES, ROUTINE Author(s) LEITNER, RANDY M.	N/A Recipient(s) ONYSKIW, DENISE M.	Purpose of Contact: Discuss proposed wall penetration in Building 374 to facilitate tank removal. Kaiser-Hill contacted Colorado Department of Public Health and Environment (CDPHE) to discuss recent propose changes in decommissioning and preliminary demolition plans for Building 374 portion of the 371/374 project.

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000212 06/23/2004 1 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) HINDMAN, JAMES	Purpose of Contact: Administrative Closure of tank D879 and heat exchanger E810. Contact Record dates October 17, 2003 administratively close tanks D827, D830, D832, and D834 because the only water passing through these tanks was the product water from the evaporators and was going to the cooling tower or steam plant.
B371 A 000213 07/13/2004 1 Pages PUBLIC	YES, ROUTINE Author(s) LEITNER, RANDY M.	N/A Recipient(s) ONYSKIW, DENISE M.	Purpose of Contact: Colorado Department of Public Health and Environment (CDPHE) was contacted to discuss the proposed demolition of Building 374A Carpenter Shop. This structure has been characterized as Type 1 facility as indicated in the B371/374 Decommissioning Operations Plan (DOP). Confirmatory surveys were completed on June 28, 2004, and are documented in Survey Unit 37418. The surveys confirmed that the structure meets the unrestricted release criteria.
B371 A 000214 07/28/2004 3 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Subject: Weekly Status Meeting US Department of Energy/ Lead Regulatory Agency (DOE/LRA).
B371 A 000215 07/14/2004 3 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Subject: Weekly Status Meeting US Department of Energy/ Lead Regulatory Agency DOE/LRA for July 14, 2004.
B371 A 000216 07/21/2004 6 Pages PUBLIC	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Subject: Weekly Status Meeting US Department of Energy/ Lead Regulatory Agency DOE/LRA for July 21, 2004.

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000217 08/11/2004 6 Pages PRELIM	YES, ROUTINE N/A Author(s) WARD, DAVID	Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for August 11, 2004
B371 A 000218 08/04/2004 4 Pages PRELIM	YES, ROUTINE N/A Author(s) WARD, DAVID	Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for August 4, 2004
B371 A 000219 08/18/2004 4 Pages PRELIM	YES, ROUTINE N/A Author(s) WARD, DAVID	Recipient(s) ROBBINS, JAN	Weekly Status Meeting US Department of Energy Lead Regulatory Agency (DOE/LRA) for August 18, 2004
B371 A 000220 09/01/2004 6 Pages PRELIM	YES, ROUTINE N/A Author(s) WARD, DAVID	Recipient(s) ROBBINS, JAN	Subject: Weekly Status Meeting US Department of Energy (DOE/LRA) Lead Regulatory Agency for September 1, 2004.
B371 A 000221 09/08/2004 3 Pages PRELIM	YES, ROUTINE N/A Author(s) WARD, DAVID	Recipient(s) ROBBINS, JAN	Subject: Weekly Status Meeting US Department of Energy (DOE/LRA) Lead Regulatory Agency for September 8, 2004.

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000222 09/15/2004 3 Pages PRELIM	YES, ROUTINE N/A Author(s) WARD, DAVID	Recipient(s) ROBBINS, JAN	Weekly Status Meeting US Department of Energy (DOE/LRA) Lead Regulatory Agency for September 15, 2004.
B371 A 000223 08/31/2004 2 Pages PRELIM	YES, ROUTINE N/A Author(s) WARD, DAVID	Recipient(s) AINSCOUGH, HARLAN	Purpose of Contact: Obtain RCRA stable approval for certain tanks in Building 374. Tanks D-801A, D-847, D-851, and D852 are currently included in the Rocky Flats Environmental Technology Site RCRA Permit as RCRA Unit 374.3. The following RCRA stable conditions established as Permit Condition X.C.1.a.iii, Tank systems, currently exist for these tanks.
B371 A 000224 09/29/2004 2 Pages PRELIM	YES, ROUTINE N/A Author(s) BRITTEN, JAY LEITNER, RANDY M. MCNITT, STEVE	Recipient(s) ONYSKIW, DENISE M.	Purpose of Contact: Two process drain trenches located in Building 374, Room 3813 currently are lined with a stainless steel covering and are located in the floor of Room 3813. One trench is longer (approximately 8 feet) and contains no process drain piping. The second trench is smaller (approximately 2 feet) and contains a process drain vent and pipe leading to concrete foundation and continuing through the concrete slab to Room 2804 tank farm. Since these trenches were originally lined with stainless steel, no surveys, will be conducted below the stainless steel.
B371 A 000225 09/22/2004 3 Pages PRELIM	YES, ROUTINE N/A Author(s) WARD, DAVID	Recipient(s) DISTRIBUTION	Building 371 Weekly Status Meeting DOE/LRA for September 22, 2004

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000226 09/29/2004 3 Pages PRELIM	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	371 Weekly Status Meeting DOE/LRA for September 29, 2004
B371 A 000227 10/06/2004 3 Pages PRELIM	YES, ROUTINE Author(s)	N/A Recipient(s)	Weekly Status Meeting DOE/LRA for October 6, 2004
B371 A 000228 10/13/2004 8 Pages PRELIM	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting DOE/LRA for October 13, 2004
B371 A 000229 10/28/2004 3 Pages PRELIM	YES, ROUTINE Author(s) GILBREATH, CHRIS C. LEITNER, RANDY M. WARD, DAVID	N/A Recipient(s) GUNDERSON, STEVE KRUCHEK, DAVID ONYSKIW, DENISE M.	Purpose of Contact: Closure of Resource Conservation and Recovery Act (RCRA) Unit 374.3, Room 3813. Part X of the Rocky Flats Environmental Technology Site (RFETS/Site), RCRA Part B Permit, addresses closure of permitted storage units. As stated in Section X.A INTRODUCTION "Closure of permitted RCRA Units will be completed on accordance with this permit or the RCRA Unit will be closed pursuant to Rocky Flats Cleanup Agreement (RFCA)". The "Building 371/374 Closure Project Decommissioning Operations Plan" (DOP) is the RFCA decision document governing the closure of Unit 374.1 Room 3813. The DOP refers to the Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Facility Component Removal, Size Reduction, and Decontamination Activities, a RFCA decision document, for closure options.

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000230 11/03/2004 2 Pages PRELIM	YES, ROUTINE N/A Author(s) BRITTEN, JAY LEITNER, RANDY M.	Recipient(s) ONYSKIW, DENISE M.	Purpose of Contact: Building 374, Room 3803, contained 118 that ran from the floor of Room 3803, through the ceiling, and into the mezzanine level Room 4805. A partial area of the ceiling of Room 3803 and floor of Room 4805 was part of the Glovebox structure. This Glovebox has been removed during stripout of these rooms. As such, there is a large area of the ceiling/floor that remains contaminated. In addition, this area includes structural beams and smaller pieces of glovebox metal that were welded to these beams. The removal of these structural beams prior to demolition would be extremely cumbersome and would possibly create instability in the floor loading of these areas. Kaiser-Hill Company, L.L.C. (K-H) will leave the area of the ceiling /floor inside the perimeter of the removed glovebox as contaminated and remove this portion during demolition as low-level waste. All contamination will be fixed.
B371 A 000231 10/27/2004 15 Pages PRELIM	YES, ROUTINE N/A Author(s) WARD, DAVID	Recipient(s) ROBBINS, JAN	Subject: Weekly Status Meeting US Department of Energy (DOE/LRA) Lead Regulatory Agency for October 27, 2004.
B371 A 000232 10/20/2004 3 Pages PRELIM	YES, ROUTINE N/A Author(s) WARD, DAVID	Recipient(s) ROBBINS, JAN	Subject: Weekly Status Meeting US Department of Energy (DOE/LRA) Lead Regulatory Agency for October 20, 2004.
B371 A 000233 11/10/2004 3 Pages PRELIM	YES, ROUTINE N/A Author(s) GILBREATH, CHRIS C.	Recipient(s) ONYSKIW, DENISE M.	Purpose of Contact: Numerous "lessons learned" experiences related to decommissioning demolition activities in building 771/774 have direct applicability in building 371/374. For example, building 371/374 contains a significant amount of plenum penetrations and piping with residual amounts of contamination. In many cases, decontamination activities can

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000234 11/10/2004 5 Pages PRELIM	YES, ROUTINE N/A Author(s) LEITHNER, R. M.	Recipient(s) ROBBINS, JAN	Subject: Weekly Status Meeting US Department of Energy (DOE/LRY) Lead Regulatory Agency, for November 10, 2004.
B371 A 000235 11/03/2004 3 Pages PRELIM	YES, ROUTINE N/A Author(s) LEITNER, RANDY M.	Recipient(s) ROBBINS, JAN	Weekly Status Meeting US Department of Energy (DOE/LRA) Lead Regulatory Agency for November 3, 2004.
B371 A 000236 11/09/2004 1 Pages PRELIM	YES, ROUTINE 00537-RF-04, 04-DOE-00841, [000237] Author(s) LEGARE, JOSEPH A.	Recipient(s) GUNDERSON, STEVE	Forwards: An attached [000237], information copy of the Building 374 Demolition Plan is enclosed for Colorado Department of Public Health and Environment (CDPHE) review. The Rocky Flats Project Office (RFPO) has approved this demolition plan for closure and removal of Building 374. The Building 374 Demolition Plan describes the project sequence, equipment, management resources and demolition methodology. Specific procedures for the demolition of Building 374 and for the control of hazards are found in the applicable Work Control Document (WCD), (WG-ENG-WCD-01-083).
B371 A 000237 09/21/2004 16 Pages PRELIM	YES, ROUTINE 00537-RF-04; 04-DOE-00841, [WG-DEMO-361] Author(s) LEGARE, JOSEPH A.	Recipient(s) GUNDERSON, STEVE	This work plan has been written to describe the intended project sequence, equipment and management resources, as well as the demolition methodology for Building 374.

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000238 12/01/2004 3 Pages PRELIM	YES, ROUTINE Author(s) LEITNER, RANDY M.	N/A Recipient(s) DISTRIBUTION	B371/374 Weekly Status Meeting DOE/LRA for December 1, 2004
B371 A 000239 12/08/2004 4 Pages PRELIM	YES, ROUTINE Author(s) LEITNER, RANDY M.	N/A Recipient(s) DISTRIBUTION	B371/374 Weekly Status Meeting DOE/LRA for December 8, 2004
B371 A 000241 11/17/2004 3 Pages PRELIM	YES, ROUTINE Author(s) LEITNER, RANDY M.	N/A Recipient(s) ROBBINS, JAN	Weekly Status Meeting US Department of Energy (DOE/LRA) Lead Regulatory Agency for November 17, 2004.
B371 A 000242 11/01/2004 1 Pages PRELIM	YES, ROUTINE Author(s) LEGARE, JOSEPH A.	04-DOE-00812; 00518-RF-04; [000243; 000244] Recipient(s) GUNDERSON, STEVE	Forwards: the attached [000243; 000244] purpose of this letter is to transmit for Colorado Department of Public Health and Environment (CDPHE) review and approval the Pre-Demolition Survey Report (PDSR) for Building 374, Room 3813 (Dock), and Building 374 Exterior. The Rocky Flats Project Office (RFPO), has reviewed this PDSR and determined that the Building 374, Room 3813 (Dock) can be released for demolition. CDPHE support to accomplish the closure and removal of Building 371/374 in a safe and timely manner is greatly appreciated.
B371 A 000243 11/02/2004 2 Pages PRELIM	YES, ROUTINE Author(s) GUNDERSON, STEVE	00526-RF-04 Recipient(s) LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE) Hazardous Material (HM), and Waste Management (WM) Division has reviewed the Pre-Demolition Survey Report (PDSR) for Building 374 Exterior and East Dock Room 3813; Revision 1 dated October 26, 2004. US Department of Energy (DOE) letter (dated November 1, 2004) and this

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000244 10/26/2004 53 Pages PRELIM	Author(s) GUNDERSON, STEVE	Recipient(s) LEGARE, JOSEPH A.	YES, ROUTINE 00526-RF-04 The purpose of this report is to communicate and document the results of Building 374, Room 3813 Dock Area and exterior surfaces of Building 374. PDS is performed prior to building demolition to define the pre-demolition radiological and chemical conditions of a facility. The pre-demolition conditions are compared with the release limits for radiological and non-radiological contaminants. PDS results will enable project personnel to make final disposition decisions, develop related worker health and safety controls, and estimate waste volumes by waste types.
B371 A 000245 12/09/2004 1 Pages PRELIM	Author(s) LEGARE, JOSEPH A.	Recipient(s) GUNDERSON, STEVE	YES, ROUTINE 00611-RF-04; 04-DOE-00938; [000246] Forwards: The attached [000246] copy of this letter is to transmit Minor Modification 5 to the Building 371/374 Closure Project Decommissioning Operations Plan (DOP) for Colorado Department of Public Health and Environment (CDPHE) review and approval. This minor Modification replaces the used of explosives with conventional demolition techniques. It also clarifies the implementation of removal of contaminated portions of the building shell, in accordance with the process outline in the Rocky Flats Cleanup Agreement (RFCA) Standard Operating Protocol (SOP) for Component Removal, Decontamination and Size Reduction Activities.
B371 A 000246 12/08/2004 90 Pages PRELIM	Author(s) LEGARE, JOSEPH A.	Recipient(s) GUNDERSON, STEVE	YES, ROUTINE 00611-RF-04; 04-DOE-00872 Closure Project for Building 371/374 Decommissioning Operations Plan (DOP) Revision 2, Modification 5. In 1996, US Department of Energy (DOE), the US Environmental Protection Agency (EPA), and Colorado Department of Public Health and Environment (CDPHE) executed Rocky Flats Cleanup Agreement (RFCA, 1996). RFCA is the Federal Facility Compliance Agreement and Consent Order negotiated pursuant to the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), the Resource Conservation and Recovery Act (RCRA), and Colorado Hazardous Waste Act (CHWA). RFCA provides the

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000247 12/06/2004 1 Pages PRELIM	YES, ROUTINE Author(s) GUNDERSON, STEVE	00630-RF-04; [000245] Recipient(s) LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE) Hazardous Material (HM) Waste Management (WM) Division (the Division), has reviewed the proposed major modification to the Building 371/374 Closure Decommissioning Operations Plan (DOP) Revision 2, Modification 5 dated December 8, 2004 The Division hereby approves the minor modification to the Building 317/374 DOP.
B371 A 000248 12/15/2004 4 Pages PRELIM	YES, ROUTINE N/A Author(s) GILBREATH, CHRIS C.	Recipient(s) ROBBINS, JAN	Weekly Status Meeting US Department of Energy (DOE/LRA) Lead Regulatory Agency for December 15, 2004.
B371 A 000249 01/26/2005 2 Pages PRELIM	YES, ROUTINE Author(s)	Recipient(s)	
B371 A 000249 01/26/2005 2 Pages PRELIM	YES, ROUTINE Ref: 00526-RF-04; [000244] Author(s) GUNDERSON, STEVE	Recipient(s) LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE), Hazardous Material (HM), and Waste Management (WM) Division has reviewed the Pre-Demolition Survey Report (PDSR) for Building 374 (Interior) Area AN Phase 1 (Revision 0, dated January 5, 2005). US Department of Energy (DOE), letter regarding this PDSR, dated January 21, 2005, was received by fax on January 24, 2005. CDPHE has provided comments, agreed on resolutions, and received modifications to the initial PDSR Document. Based on the agreed modification and information contained in this PDSR CDPHE are hereby approving the PDSR for Building 371 (Interior) Area AN Phase 1.

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000250 12/16/2004 1 Pages PRELIM	YES, ROUTINE Author(s) WARD, DAVID	N/A Recipient(s) HINDMAN, JAMES	Purpose of Contact: Kaiser-Hill Company, L.L.C. (K-H) called to obtain clarification on the permit language in Part X Closure of the Resource Conservation and Recovery Act (RCRA) permit which states RCRA permitted units closed under a Rocky Flats Cleanup Agreement (RFCA) decision document are no longer subject to the RCRA permit. Therefore, the Site's RCRA permit closure document will only address those units closed under the permit and not units closed under a RCRA decision document.
B371 A 000251 12/15/2004 2 Pages PRELIM	YES, ROUTINE Author(s) GILBREATH, CHRIS C.	N/A Recipient(s) GUNDERSON, STEVE ONYSKIW, DENISE M.	Purpose of Contact: Several areas within Building 371 contain relatively high amounts of radioactive contamination. Specifically, the areas commonly referred to as "canyons" and the Centralized Storage Vault (CSV). Contact record discuss, approach has been satisfied. Colorado Department of Public Health and Environment (CDPHE), agreed with this approach.
B371 A 000252 02/09/2005 4 Pages PRELIM	YES, ROUTINE Author(s) FLOERKE, JIM	N/A Recipient(s) COYNE, D. W.	Subject: Weekly Status Meeting for February 9, 2005.
B371 A 000253 02/02/2005 3 Pages PRELIM	YES, ROUTINE Author(s) FLOERKE, JIM	N/A Recipient(s) COYNE, D. W.	Subject: Weekly Status Meeting for February 2, 2005.
B371 A 000254 01/26/2005 3 Pages PRELIM	YES, ROUTINE Author(s) FLOERKE, JIM	N/A Recipient(s) COYNE, D. W.	Subject: Weekly Status Meeting for January 26, 2005.

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000255 01/19/2005 3 Pages PRELIM	YES, ROUTINE Author(s) DISTRIBUTION	N/A Recipient(s) DISTRIBUTION	Subject: Weekly Status Meeting for January 19, 2005.
B371 A 000256 01/12/2005 3 Pages PRELIM	YES, ROUTINE Author(s) DISTRIBUTION	N/A Recipient(s) DISTRIBUTION	Subject: Weekly Status Meeting for January 12, 2005.
B371 A 000257 12/29/2004 3 Pages PRELIM	YES, ROUTINE Author(s) FLOERKE, JIM	N/A Recipient(s) COYNE, D. W.	Subject: Weekly Status Meeting for December 29, 2004.
B371 A 000258 03/08/2005 1 Pages PRELIM	YES, ROUTINE Author(s) GILBREATH, CHRIS C.	N/A Recipient(s) KRUCHEK, DAVID	Purpose of Contact: Building 371-Dock. Dock 5 located on the East Side of Building 371 was survey in accordance with the 371 Decommissioning Operations Plan (DOP) and Pre-Demolition Survey Plan (PDSP).
B371 A 000259 02/15/2003 2 Pages PRELIM	YES, ROUTINE Author(s) GILBREATH, CHRIS C.	N/A Recipient(s) ONYSKIW, DENISE M.	Purpose of Contact: Building 371 Embedded Metal. During construction activities, concrete was poured around several metal brackets, plates and other miscellaneous items.

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Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000262 03/09/2005 2 Pages PRELIM	YES, ROUTINE N/A Author(s) GUNDERSON, STEVE	N/A Recipient(s) LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE), Hazardous Materials (HM), and Waste Management (WM) Division has reviewed the PDSR for Building 371 Phase II, Revision 0, dated February 28, 2005. Based on the agreed modifications and information contained in this PDSR (Revision 1), CDPHE are hereby approving the PDSR for Building 371 Phase II, which includes B371 Area AP/AF from column lines 12 to 15, B371 exterior, B376, T376A, BT371K, T371H, I and J.
B371 A 000264 04/11/2005 1 Pages PRELIM	YES, ROUTINE Author(s) LEGARE, JOSEPH A.	00204-RF-05; 05-DOE-00217; [000265] Recipient(s) GUNDERSON, STEVE	Forwards the attached 000265 of this letter is to transmit for review and approval the Pre-Demolition Survey Report (PDSR) for Building 371 Phase III. This PDSR includes Building 371 Area A P from column lines 1 through 12 and from column lines T through Y, Building 373, and Cooling Tower 911. The Rocky Flats Project Office (RFPO) has reviewed this PDSR and has determined that Building 371 Phase III can be released for demolition.
B371 A 000265 04/04/2005 64 Pages PRELIM	YES, ROUTINE Author(s) DISTRIBUTION	00204-RF-05; 05-DOE-00217; [000264] Recipient(s) NOT INDICATED	A Pre-Demolition Survey (PDS) was performed to enable compliant disposition and Waste Management (WM) of Building 371, Phase III areas for structural surfaces that exist within six feet of the final grade. Phase III areas include Building 371, Area AP (all interior surface located between column lines 1 through A Pre-Demolition Survey (PDS) was performed to enable compliant disposition and Waste Management (WM) of Building 371, Phase III areas for structural surfaces that exist within six feet of the final grade. Phase III areas include Building 371, Area AP (all interior surfaces located between column lines 1 through 12 and column lines T through Y). The exterior surfaces of Building 371 were covered in a separate Pre-Demolition Survey Report (PDSR) dated March 9, 2005. Because this Type 3 building will be demolished, the characterization was performed in accordance with the Pre-Demolition Survey Plan

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**ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY**

There are 288 records in this set and a total of 3954 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000266 03/24/2005 2 Pages PRELIM	YES, ROUTINE Author(s) GUNDERSON, STEVE	00161-RF-05 Recipient(s) LEGARE, JOSEPH A.	Re: Building 371 Sub-Basement Decommissioning Operations Plan (DOP) Surveys. The Colorado Department of Public Health and Environment (CDPHE), Hazardous Materials (HM) and Waste Management (WM) Division has reviewed US Department of Energy (DOE) letter and the DOP Surveys information/data for the sub-basement of Building 371, provided on March 24, 2005. Based on the information and data provides, CDPHE agree that the sub-basement of Building 371 meets the DOP requirements. Therefore, pre-demolition activities, such as proposed wall and ceiling removals and backfill of the sub-basement may be performed.
B371 A 000267 03/24/2005 45 Pages PRELIM	YES, ROUTINE Author(s) LEGARE, JOSEPH A.	00172-RF-05; 05-DOE-00173; [000266] Recipient(s) GUNDERSON, STEVE	Forwards the purpose of this letter is to transmit for Colorado Department of Public Health and Environment (CDPHE) for review and approval the Decommissioning Operations Plan (DOP) surveys for the Building 371 sub-basement. The Rocky Flats Field Project (RFPO) has reviewed the DOP surveys and has determined that the Building 371 sub-basement can be released for applicable wall and ceiling removals, backfill preparation, and backfill.
B371 A 000268 04/12/2005 1 Pages PRELIM	YES, ROUTINE Author(s) GUNDERSON, STEVE	00212-RF-05; Ref; 000264 Recipient(s) LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE), Hazardous Materials (HM) and Waste Management (WM), Division has reviewed the Pre-Demolition Survey Report (PDSR) for Building 371 Phase III, Revision 0, dated April 4, 2005. CDPHE has also received a copy of DOE letter regarding this PDSR dated April 11, 2005, Based on the information contained in this PDSR, CDPHE hereby approving the PDSR Building 371 Phase III, including the 371 Area AP from column lines 1-12 and T-Y and the Cooling Tower 911. However CDPHE is not approving the PDSR at this time.

**ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY**

There are 288 records in this set and a total of 3954 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000269 04/18/2005 2 Pages PRELIM	YES, ROUTINE Author(s) LEITNER, RANDY M.	N/A Recipient(s) KRUCHEK, DAVID	Purpose of Contact: Colorado Department of Public Health and Environment (CDPHE) was informed of the Project's plans to create an external wall opening (approximately 2" x 2") on the north side of the Building 371 to facilitate sub-basement backfilling operations. The purpose opening will be made below the main floor, at the upper east portion of the north wall of Room 2319.
B371 A 000270 04/27/2005 1 Pages PRELIM	YES, ROUTINE Author(s) GILBREATH, CHRIS C. LEITNER, RANDY M.	N/A Recipient(s) AINSCOUGH, HARLAN ONYSKIW, DENISE M.	Purpose of Contact: Closure if remaining Resource Conservation and Recovery Act (RCRA), Mixed Residue Units Building 371 Addendum to Contact Record dated December 21, 2004. A previous Contact Record dated December 21, 2004, outlined the process agreed to by Colorado Department of Public Health and Environment (CDPHE) for Closure of the majority of these units was completed. At that time closure activities for mixed residue valuts in Rooms 2317, 3549, 3553, 3558, and 3563 and had not yet been completed.
B371 A 000271 05/12/2005 2 Pages PRELIM	YES, ROUTINE Author(s) LEGARE, JOSEPH A.	00264-RF-05; 05-DOE-00298 Recipient(s) GUNDERSON, STEVE	Forwards The purpose of this letter is to transmit for Colorado Department of Public Health and Environment (CDPHE) review and approval for the Final Status Survey Report for Building 371 Phase IV and V, Revision 1. The Rocky Flat Project Office has review the Final Status Survey Report and has determined that Building 371 Phase IV and V can be released for demolition.
B371 A 000272 05/13/2005 2 Pages PRELIM	YES, ROUTINE Author(s) GUNDERSON, STEVE	00265-RF-05; (Ref: B371-A-000271) Recipient(s) LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE) Hazardous Material (HM) and Waste Management (WM) Division has reviewed the Final Status Survey Report (FSSR) the Building 371 Phase 4, and 5, Revision 0, dated May 2, 2005. Based on the information contained in this FSSR, and, modifications as discussed and agreed to be provided in Revision 1, CDPHE are hereby approving the findings as provided in the FSSR for Building 371 Phase 4, and 5, allowing for the appropriate demolition of the remainder

**ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY**

There are 288 records in this set and a total of 3954 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000273 05/09/2005 2 Pages PRELIM	YES, ROUTINE N/A Author(s) GILBREATH, CHRIS C. LEITHNER, R. M.	Recipient(s) AINSCOUGH, HARLAN	Closure of remaining Resource Conservation and Recovery Act (RCRA) Permitted Units Building 371. Administrative Closure. The following rooms in Building 371 are listed in Section III of the permit but was never used for permitted storage per Waste Environmental Management System (WEMS) and the Master List of RCRA Units: 1004, 1005, 1006, 1214, 1216, 1218, 2009, 2014, 2016, 2203, 2207, 2307, 2310, 2317, 2319, 3031A, 3031B, 3042, 3181, 3185, 3187A, 3193, 3208, 3303, 3337, 3521, 3523, 3531. Units: 1004, 1005, 1006, 1214, 1216, 1218, 2009, 2014, 2016, 2203, 2207, 2307, 2310, 2317, 2319, 3031A, 3031B, 3042, 3181, 3185, 3187A, 3193, 3208, 3303, 3337, 3521, 3523, 3531.
B371 A 000274 06/28/2005 2 Pages PRELIM	YES, ROUTINE N/A Author(s) CARNIVAL, GARY J. GILBREATH, CHRIS C. NESTA, STEVE	Recipient(s) KRUCHEK, DAVID ONYSKIW, DENISE M.	An agreement was reached among Building 371 project personnel, Remediation, Industrial Building D&D and Site Services Project, RISS Environmental Compliance, Riss Environmental Restoration, and the Colorado Department of Public Health and Environment (CDPHE) to remediate the surface and foundation drains and an abandoned storm drain at Building 371/374.
B371 A 000275 06/28/2005 2 Pages PRELIM	YES, ROUTINE N/A Author(s) CARNIVAL, GARY J.	Recipient(s) KRUCHEK, DAVID ONYSKIW, DENISE M.	An agreement was reached among Bldg. 371 project personnel, Remediation, Industrial Building D&D and Site Services Project, RISS Environmental Compliance, RISS Environmental Restoration and the Colorado Department of Public Health and Environment (CDPHE) to remediate the subsurface and foundation drains and an abandoned storm drain at Bldg 371/374.
B371 A 000276 05/24/2005 4 Pages PRELIM	YES, ROUTINE N/A Author(s) WARD, DAVID	Recipient(s) ADMINISTRATIVE RECORD	Attached are the meeting minutes from the B371 bird nesting meeting on May 23, 2005.

**ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY**

There are 288 records in this set and a total of 3954 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000277 05/25/2005 2 Pages PRELIM	YES, ROUTINE Author(s) GUNDERSON, STEVE	00288-RF-05 Recipient(s) LEGARE, JOSEPH A.	The Colorado Department of Public Health and Environment (CDPHE) Hazardous Materials and Waste Management Division has received the letter from US Department of Energy (DOE) and has attached Building 371 Demolition Plan for Phase IV and V. CDPHE received DOE letter, letter May 19, 2005 on May 24, 2005. As stated in DOE this Demolition Plan and related information has been previously provided to Division personnel.
B371 A 000278 04/06/2005 5 Pages PRELIM	YES, ROUTINE N/A Author(s) GILBREATH, CHRIS C.	Recipient(s) BRITTEN, JAY	Weekly Status Meeting April 6, 2005.
B371 A 000279 03/30/2005 6 Pages PRELIM	YES, ROUTINE Author(s)	Recipient(s)	
B371 A 000279 03/30/2005 6 Pages PRELIM	YES, ROUTINE N/A Author(s) BRITTEN, JAY	Recipient(s) BRITTEN, JAY	Weekly Status Meeting March 30, 2005
B371 A 000280 04/27/2005 1 Pages PRELIM	YES, ROUTINE N/A Author(s) DOGAL, TOM GILBREATH, CHRIS C.	Recipient(s) BRITTEN, JAY	Weekly Status Meeting. Building 371 Vault Disposition Decommissioning Operations Plan (DOP) measurement dat package (basement).

**ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY**

There are 288 records in this set and a total of 3954 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000281 04/20/2005 4 Pages PRELIM	YES, ROUTINE N/A Author(s) FERRERA, KEN GILBREATH, CHRIS C.	Recipient(s) BRITTEN, JAY	Weekly Status Meeting, Phase IV/V Final survey Reports. Basement Penetration Strategy.
B371 A 000282 04/13/2005 4 Pages PRELIM	YES, ROUTINE N/A Author(s) BRITTEN, JAY FERRERA, KEN	Recipient(s) DOGAL, TOM BROWN, HOSS	Weekly Status Meeting, Phase IV Final Survey Reports.
B371 A 000283 03/23/2005 3 Pages PRELIM	YES, ROUTINE N/A Author(s) BRITTEN, JAY COYNE, D. W. FLOERKE, JIM	Recipient(s) DISTRIBUTION	Weekly Status Meeting March 23, 2005 B371/374 Closure Project
B371 A 000284 03/16/2005 3 Pages PRELIM	YES, ROUTINE N/A Author(s) BRITTEN, JAY COYNE, D. W. FLOERKE, JIM	Recipient(s) DISTRIBUTION	Weekly Status Meeting March 16, 2005 B371/B374 Closure Project
B371 A 000285 03/09/2005 3 Pages PRELIM	YES, ROUTINE N/A Author(s) BRITTEN, JAY COYNE, D. W. FLOERKE, JIM	Recipient(s) DISTRIBUTION	Weekly Status Meeting March 9, 2005 B371/374 Closure Project

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

There are 288 records in this set and a total of 3954 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000286 03/02/2005 3 Pages PRELIM	YES, ROUTINE Author(s) BRITTEN, JAY COYNE, D. W. FLOERKE, JIM	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting March 2, 2005 B371/374 Closure Project
B371 A 000287 02/23/2005 3 Pages PRELIM	YES, ROUTINE Author(s) BRITTEN, JAY COYNE, D. W. FLOERKE, JIM	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting February 23, 2005 B371/374 Closure Project
B371 A 000288 02/16/2005 3 Pages PRELIM	YES, ROUTINE Author(s) BRITTEN, JAY COYNE, D. W. FLOERKE, JIM	N/A Recipient(s) DISTRIBUTION	Weekly Status Meeting February 16, 2005 B371/374 Closure Project
B371 A 000289 05/19/2005 1 Pages PRELIM	YES, ROUTINE Author(s) LEGARE, JOSEPH A.	00270-RF-05; 05-DOE-00328; Ref: 000290 Recipient(s) GUNDERSON, STEVE	Forwards the attached 000290 of the Building 371 Demolition Plan is enclosed for Colorado Department of Public Health and Environment (CDPHE), review. The Rocky Flats Project Office (RFPO) has approved this document plan for closure and removal of Building 371 Phase IV and V. The Building 371 Demolition Plan describes the project sequence, equipment, management resources and demolition methodology.

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ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE
CERCLA ADMINISTRATIVE RECORD - GENERAL QUERY

There are 288 records in this set and a total of 3954 pages.

Doc. No. / Date	Routine	Internal Code	Title / Subject
B371 A 000290 05/16/2005 13 Pages PRELIM	Author(s) DISTRIBUTION	00270-RF-05; 05-DOE-00328; 000289 Recipient(s) DISTRIBUTION	This Building 371demolition Plan provides a description of the methods that will be used to guide the planning and implementation of demolition activities associated with the B371/376 Closure Project Decommissioning Operations Plan (DOP). Demolition will be performed in the safest, most efficient sequence possible. Building 371/376 has been divided into a 5-phase plan.

ATTACHMENT B

**PROFESSIONAL ENGINEERS CERTIFICATION OF
RCRA UNIT CLOSURE**

CORRES. CONTROL

LTR. NO.

Originator Ltr Log #

05-002-05

05-RF-

DIST.	LTRENC
Brown, Hoss	<input checked="" type="checkbox"/>
Crockett, Gregg	<input type="checkbox"/>
Del Vecchio, David	<input type="checkbox"/>
Dogal, Tom	<input type="checkbox"/>
Ferrera, Denny	<input type="checkbox"/>
Ferrera, Ken	<input type="checkbox"/>
Geis, Art	<input type="checkbox"/>
Gilbreath, Chris	<input type="checkbox"/>
Gilpin, Howard	<input type="checkbox"/>
Henderson, Brian	<input type="checkbox"/>
Kirby, Bill	<input type="checkbox"/>
Kury, Bob	<input type="checkbox"/>
Lee, Chris	<input type="checkbox"/>
Leitner, Randy	<input type="checkbox"/>
Lindsay, Dana	<input type="checkbox"/>
McFadden, Ken	<input type="checkbox"/>
Romano, Steve	<input type="checkbox"/>
Shelton, Dave	<input type="checkbox"/>
Spears, Mark	<input checked="" type="checkbox"/>
Thistlewood, Dave	<input checked="" type="checkbox"/>
Tuor, Nancy	<input type="checkbox"/>
Zaret, Joel	<input type="checkbox"/>



KAISER HILL COMPANY

April 26, 2005

05-RF-00416

Denise Onyskiw
 Building 371/374 Project Manager
 Colorado Department of Public Health and Environment
 4300 Cherry Creek Drive South
 Denver, CO 80246-1530

BUILDING 371 RCRA PROFESSIONAL ENGINEER CERTIFICATION - CSG-002-05

Dear Ms. Onyskiw:

The Building 371/374 Decommissioning Operations Plan (DOP) requires a closure certification be prepared and signed by an independent, Colorado-registered, professional engineer (P.E.) for units closed in accordance with Section 6.1.1.2. The P.E. certification (Attachment 1) identifies the rooms in Building 371 that have been closed in accordance with Section 6.1.1.2. The radiological surveys have been completed to verify the surfaces of these units are at or below 20 dpm/100 cm². The surveys are attached (Attachment 2). As a result, all RCRA units in Building 371 have been clean closed in accordance with the DOP.

If you have any questions regarding this matter, please contact me at (303) 966-7355.

Sincerely,

Chris S. Gilbreath
 Building 371/374 Environmental Manager

Attachment:

As Stated

cc:

- S. Gunderson, CDPHE - w/o attachment 2
- H. Ainscough, CDPHE - w/o attachment 2
- M. Aguilar, EPA - w/o attachment 2
- W. Seyfert, DOE - w/o attachment 2

IF CORRES. CONTROL/T130G	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
ATS/T130G	<input type="checkbox"/>	<input type="checkbox"/>

CLASSIFICATION:

UNCLASSIFIED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
CONFIDENTIAL	<input type="checkbox"/>	<input type="checkbox"/>
SECRET	<input type="checkbox"/>	<input type="checkbox"/>

AUTHORIZED CLASSIFIER

SIGNATURE:

MICHEL L. MAYFIED

DATE: 27 APRIL 2005

REPLY TO RF CC NO.:

ACTION ITEM STATUS:

PARTIAL OPEN
 CLOSED

REVALS:

INITIALS:

Kaiser Hill Company, L.L.C.

Rocky Flats Environmental Technology Site, 10808 Hwy. 93 Unit B, Golden CO 80403-8200 • 303-966-7000

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Washington Group International

Integrated Engineering, Construction, and Management Solutions

WGI No. 0492

March 31, 2005

Chris Gilbreath
371/374 ESH&Q Manager
Kaiser-Hill T371L
10808 Colorado State Highway 93
Golden, CO 80403

Subject: Professional Engineer Certification – RCRA Units Building 371

The Building 371/374 Decommissioning Operations Plan (DOP) requires a closure certification prepared and signed by a professional engineer (PE) for RCRA regulated units. Building 371 rooms 1107, 1109, 1117/1125, 1127, 2317, 3549, 3553, 3559 and 3563 were decontaminated by shaving and/or scabbling. The rooms met the following criterion specified in the DOP:

- A visual inspection of each room confirmed the absence of hazardous or mixed waste stains and/or residuals. All of the rooms have since been painted with white latex.

Building 371 meets the criteria of DOP section 6.1.1.2 for “clean closure” by decontamination pending completion of:

- Radiological surveys verify surfaces are at or below the 20 dpm/100 cm² release criteria for removable contamination identified in the RFCA Standard Operating Protocol (RSOP).

Sincerely,

Robert Paul Campbell

Robert Paul Campbell, P.E.
Colorado Professional Engineer No. 29795

cc: Tom Bourgeois - WGI

CORRES. CONTROL

LTR. NO.

Originator Ltr Log #

56-001-05

05-RF-00103

DIST.	LTR/ENC
Brown, Hoss	
Coyne, Dan	
Del Vecchio, David	
Dieter, Tom	LK
Ferrera, Denoy	
Ferrera, Ken	
Floerke, Jim	
Gilbreath, Chris	
Gilpin, Howard	
Hergert, Tom	
Kirby, Bill	
Kury, Bob	
Larsen, Brian	
Lee, Chris	
Letner, Randy	
Lindsay, Dana	
Martinez, Len	
McFadden, Ken	
Morgan, Calvin	
Romano, Steve	
Shelton, Dave	
Spears, Mark	
Thistlewood, Dave	
Tuor, Nancy	
VonFeldt, Rick	



KAISER HILL COMPANY

January 26, 2005

05-RF-0010

Denise Onyskiw
 Building 371/374 Project Manager
 Colorado Department of Public Health and Environment
 4300.Cherry Creek Drive South
 Denver, CO 80246-1530

BUILDING 374 RCRA PROFESSIONAL ENGINEER CERTIFICATION - CSG-001-05

Dear Ms. Onyskiw:

The Building 371/374 Decommissioning Operations Plan (DOP) requires a closure certification be prepared and signed by an independent, Colorado-registered, professional engineer (P.E.) for units close in accordance with Section 6.1.1.2. The P.E. certification (Attachment 1) identifies the rooms in Building 374 that have been closed in accordance with Section 6.1.1.2. As a result, all RCRA units in Building 374 have been clean closed in accordance with the DOP.

If you have any questions regarding this matter, please contact me at (303) 966-7355.

Sincerely,

Chris S. Gilbreath
 Building 371/374 Environmental Manager

Attachment:
 As Stated

cc:
 S. Gunderson, CDPHE
 H. Ainscough, CDPHE
 M. Aguilar, EPA
 W. Seyfert, DOE

RF CORRES. CONTROL/T130G	X	X
PATS/T130G		

CLASSIFICATION:

UCNI	
UNCLASSIFIED	X
CONFIDENTIAL	
SECRET	

AUTHORIZED CLASSIFIER

SIGNATURE:

Date: 1-31-05

IN REPLY TO RF CC NO.:

ON ITEM STATUS:
 PARTIAL/OPEN
 CLOSED

LTR APPROVALS:

ORIG. & TYPIST INITIALS:

CSG:rmk

RF-46-489 (Rev.6/02)

Kaiser Hill Company, L.L.C.
 Rocky Flats Environmental Technology Site, 10808 Hwy. 93 Unit B, Golden CO 80403-8200 ♦ 303-966-7000

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Washington Group International

Integrated Engineering, Construction, and Management Solutions

January 26, 2005

Chris Gilbreath
371/374 ESH&Q Manager
Kaiser-Hill T371L
10808 Colorado State Highway 93
Golden, CO 80403

Subject: Professional Engineer Certification – RCRA Units Building 374

The Building 371/374 Decommissioning Operations Plan (DOP) requires a closure certification prepared and signed by a professional engineer (PE) for RCRA regulated units. Building 374 rooms 2804, 3801, 3803, 3805, 3809, 3810 and 4805 were decontaminated by shaving and/or scabbling. The rooms met the following criteria specified in the DOP

- A visual inspection of each room confirmed the absence of hazardous or mixed waste stains and/or residuals. Rooms 3809 and 3810 had some water staining from leakage at the exterior wall joints and at a ventilation duct penetration. The staining occurred after the floor had been decontaminated.
- Radiological surveys verified the surfaces were at or below the 20 dpm/100 cm² criteria for removable contamination identified in the RFCAs Standard Operating Protocol (RSOP).

Building 374 meets the criteria of DOP section 6.1.1.2 for “clean closure” by decontamination.

Sincerely,

Robert Paul Campbell

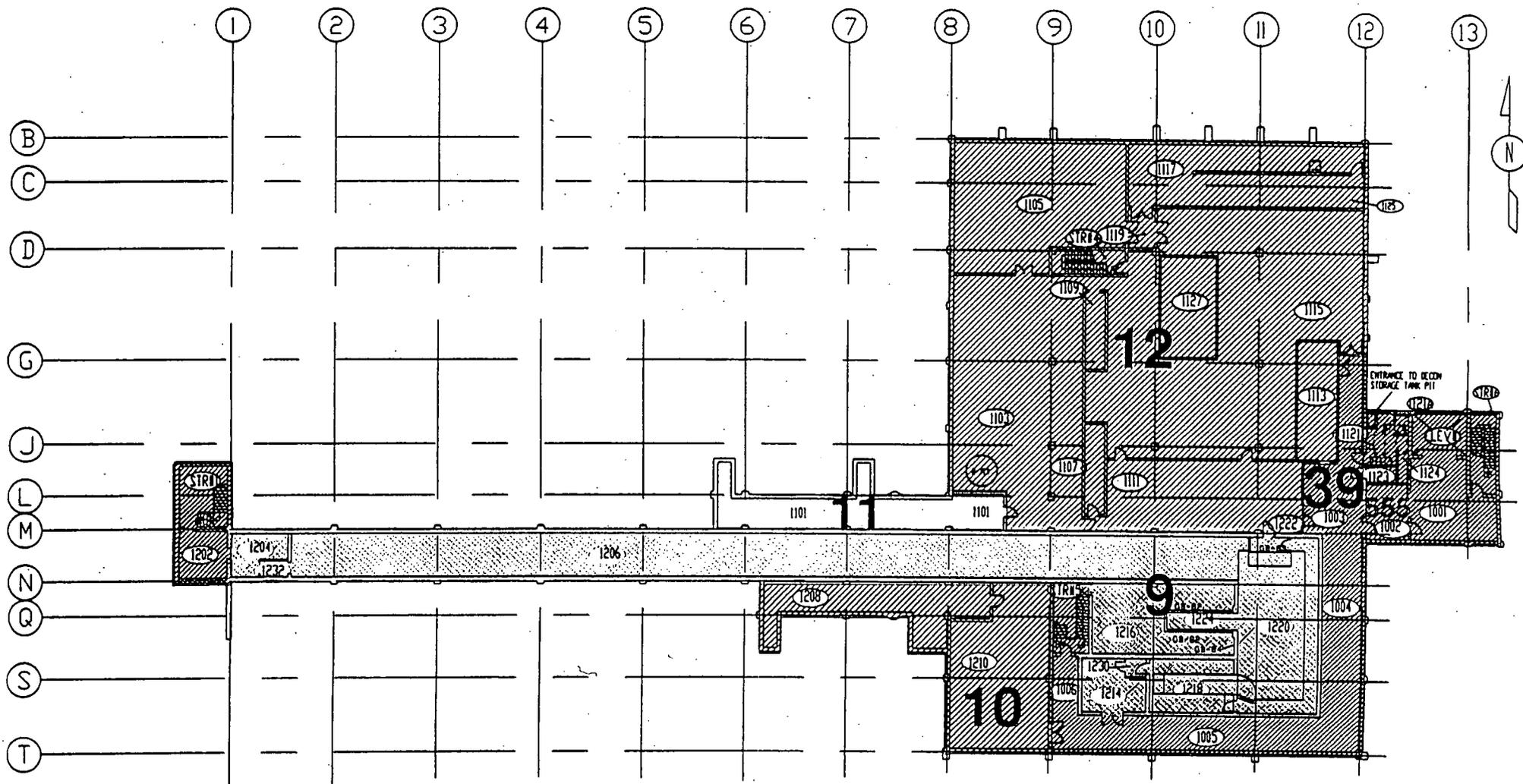
Robert Paul Campbell, P.E.
Colorado Professional Engineer No. 29795

cc: Tom Bourgeois - WGI

ATTACHMENT C

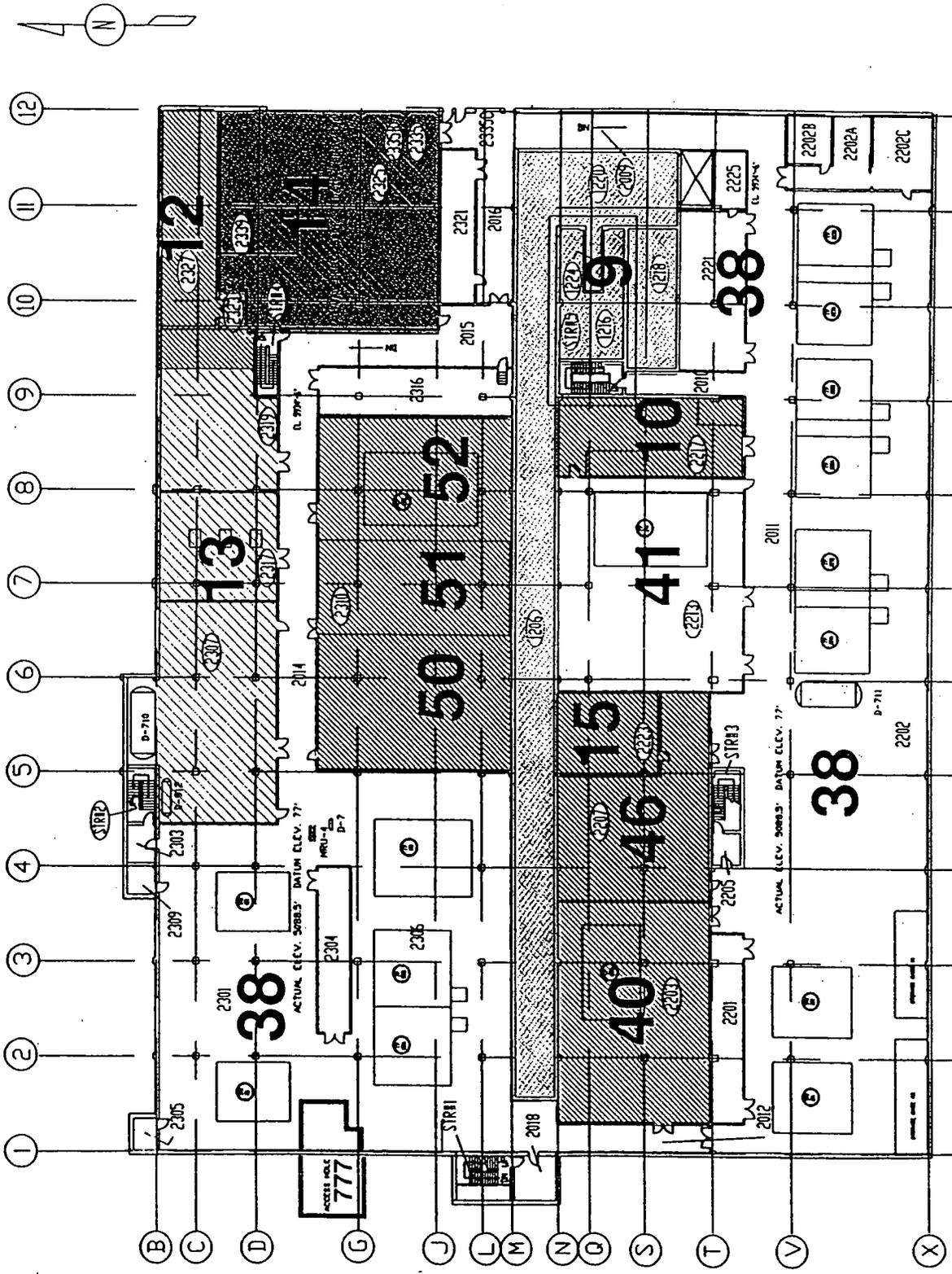
FLOOR DIAGRAMS OF DISMANTLEMENT SETS

BUILDING 371 DISMANTLEMENT SETS



BUILDING 371 SUB-BASEMENT

BUILDING 371 DISMANTLEMENT SETS

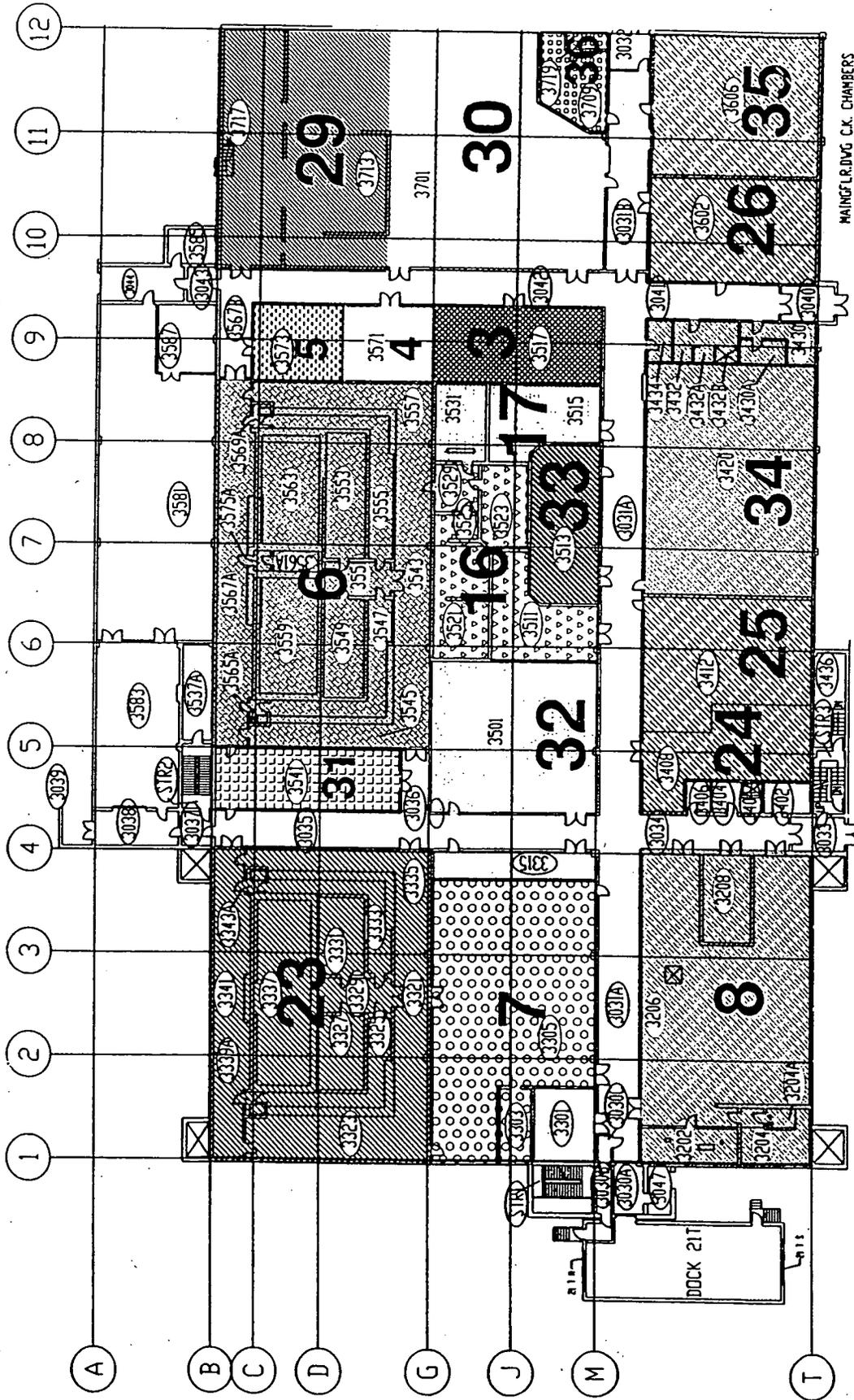


371 Basementing C.K. Cheevers
04/28/05

BUILDING 371 BASEMENT

BUILDING 371

DISMANTLEMENT SETS

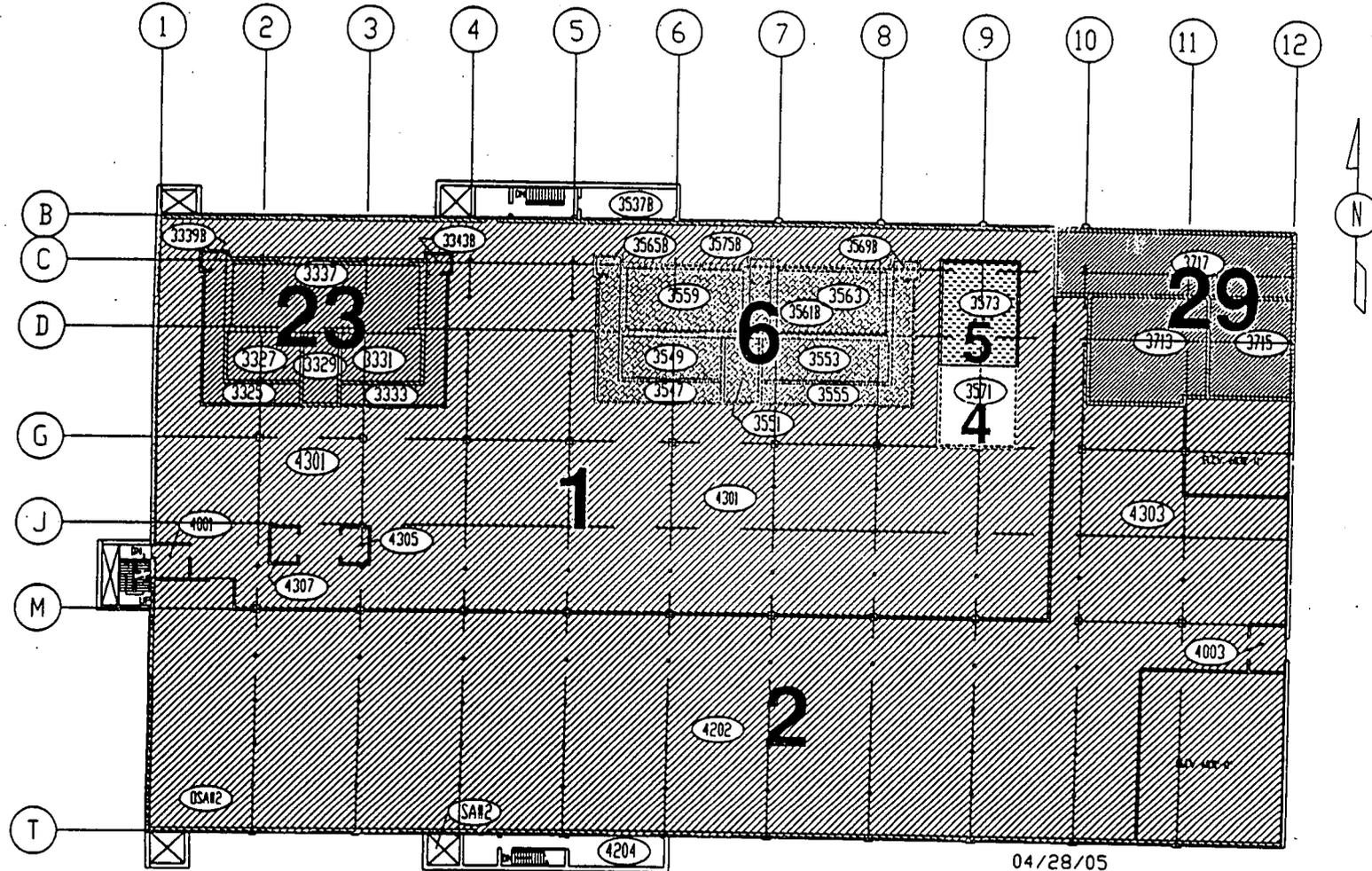


MAIN FLR.DWG C.K. CHAMBERS
04/28/05

BUILDING 371 GROUND FLOOR

114

BUILDING 371 DISMANTLEMENT SETS



04/28/05
DISMANTELINGATTIC.DWG C.K. CHAMBERS

BUILDING 371 ATTIC

ATTACHMENT D

**SUMMARY OF GAMMA SURVEY RESULTS FOR
AREAS A - G**

Survey Area: A

Survey Unit: DOP

Building: 374

Description: Bldg. 374 DOP Scans

Rocky Flats Environmental Technology Site Decommissioning Operational Plan

DOP Activity Measurements

Nbr of Measurements 15 Random 3 Bias

Nbr of measurements: 1578

Eberline Services In-situ Gamma Slab Measurements

Maximum: 0.092 nCi/g

Minimum: 0.002 nCi/g

Mean: 0.011 nCi/g

Standard Deviation: 0.024 nCi/g

DOP Slab Limits: 7 nCi/g

Gamma Surface Measurements

Maximum: 1.97 nCi/g

Minimum: 0.04 nCi/g

Mean: 0.28 nCi/g

Standard Deviation: 0.07 nCi/g

DOP Surface Limits: 100 nCi/g

Total nCi: 6.07E+06

Total Grams WGPu: 5.00E-04

Survey Area: B	Survey Unit: DOP	Building: 371
Description: Bldg. 371 DOP Scans		
<h2>Rocky Flats Enviromental Technology Site Decommissioning Operational Plan</h2>		
<h3>DOP Activity Measurements</h3>		
Nbr of Measurements 15 Random 5 Bias		Nbr of measurements: 128
Eberline Services In-situ Gamma Slab Measurements	Gamma Surface Measurements	
Maximum: 0.079 nCi/g	Maximum: 0.51 nCi/g	
Minimum: 0.004 nCi/g	Minimum: 0.20 nCi/g	
Mean: 0.013 nCi/g	Mean: 0.40 nCi/g	
Standard Deviation: 0.024 nCi/g	Standard Deviation: 0.06 nCi/g	
DOP Slab Limits: 7 nCi/g	DOP Surface Limits: 100 nCi/g	
Total nCi: 4.23E+05		
Total Grams WGPu: 3.48E-05		

Survey Area: C

Survey Unit: DOP

Building: 371

Description: Bldg. 371 DOP Scans

Rocky Flats Environmental Technology Site Decommissioning Operational Plan

DOP Activity Measurements

Nbr of Measurements 15 Random 3 Bias

Nbr of measurements: 4375

Eberline Services In-situ

Gamma Slab Measurements

Maximum: 0.19 nCi/g

Minimum: 0.002 nCi/g

Mean: 0.02 nCi/g

Standard Deviation: 0.05 nCi/g

DOP Slab Limits: 7 nCi/g

Gamma Surface Measurements

Maximum: 2.23 nCi/g

Minimum: 0.07 nCi/g

Mean: 0.38 nCi/g

Standard Deviation: 0.12 nCi/g

DOP Surface Limits: 100 nCi/g

Total nCi: 5.21E+07

Total Grams WGPu: 6.33E-01

Building 371 Basement Floor Area Surveys Phase IV Set 38 (Conducted 3-30-05, 4-4-05, 4-13-05, & 4-14-05)

Spectrum File ID	Room(s)	Area	SNAP Am241 Detected Activity (uCi)	SNAP Am241 Activity Concentration (nCi/g)	SNAP Am241 Concentration MDA (nCi/g)	SNAP Am241 2-Sigma Error (%)	SNAP Pu-239 Activity Concentration (nCi/g)	Pu-239/240 Activity Concentration (nCi/g)	Total Alpha Concentration (Am-241+ Pu-239/240) (nCi/g)	Assumed Contamination Depth (Inches)	Assumed Slab Thickness (Inches)	Estimated Average Pu-239/240 Slab Activity Concentration (nCi/g)	Estimated Average Pu-239/240+Am-241 Slab Activity Concentration (nCi/g)	Case (see note 4)
4130502	2321	Floor 1	0.2	0.028	0.004	106.0	<MDA	0.195	0.223	0.390	7.0	0.011	0.012	1
4140501	2301	Floor 2	< 0.1	0.004	0.004	na	<MDA	0.028	0.032	0.390	7.0	0.002	0.002	2
4140502	2306	Floor 3	< 0.1	0.004	0.004	na	<MDA	0.028	0.032	0.390	7.0	0.002	0.002	2
4140509	2011	Floor 4	< 0.1	0.004	0.004	na	<MDA	0.028	0.032	0.390	7.0	0.002	0.002	2
4130503	2014	Floor 5	0.2	0.027	0.005	106.0	<MDA	0.188	0.215	0.390	7.0	0.010	0.012	1
4140503	2203	Floor 6 (at 7ft)	< 0.5	0.050	0.050	na	<MDA	0.348	0.398	0.390	7.0	0.019	0.022	2
4140507	2213	Floor 7	< 0.1	0.005	0.005	na	<MDA	0.035	0.040	0.390	7.0	0.002	0.002	2
4130505	2310	Floor 8	0.2	0.025	0.005	106.0	<MDA	0.174	0.199	0.390	7.0	0.010	0.011	1
4140508	2011	Floor 9	0.1	0.006	0.004	113.0	<MDA	0.042	0.048	0.390	7.0	0.002	0.003	1
4140504	2202	Floor 10	< 0.1	0.004	0.004	na	<MDA	0.028	0.032	0.390	7.0	0.002	0.002	2
4130504	2310	Floor 11	< 0.1	0.005	0.005	na	<MDA	0.035	0.040	0.390	7.0	0.002	0.002	2
4140510	2009	Floor 12	< 0.1	0.005	0.005	na	<MDA	0.035	0.040	0.390	7.0	0.002	0.002	2
4140505	2207	Floor 13	0.1	0.006	0.004	114.0	<MDA	0.042	0.048	0.390	7.0	0.002	0.003	1
4130506	2301	Floor 14	< 0.1	0.004	0.004	na	<MDA	0.028	0.032	0.390	7.0	0.002	0.002	2
4140506	2202	Floor 15	0.1	0.014	0.004	107.0	<MDA	0.097	0.111	0.390	7.0	0.005	0.006	1
3300501	2310	Floor B18	< 0.1	0.011	0.011	na	<MDA	0.076	0.087	0.390	7.0	0.004	0.006	2
4040501	2310	Floor B33	3.6	0.423	0.013	105.0	<MDA	2.940	3.363	0.390	7.0	0.164	0.187	1
4040502	2310	Floor B34	2.9	0.335	1.20E-02	105.0	<MDA	2.329	2.664	0.390	7.0	0.130	0.148	1

Notes:

- 1) Floor survey areas are equivalent to 4 sq.ft. each, unless indicated with an asterisk* All nuclide activities are assumed to be distributed evenly within the area surveyed.
- 2) < sign indicates a non-detect; value is below the MDA for that measurement.
- 3) Activity per gram values for each isotope are taken from TBD-00076, Activities for Isotopes of Concern in Weapons Plutonium as a Function of Time, for 36 year old plutonium.
- 4) Am241 and Pu239 determinations are based on one of two cases listed below:
 Case 1 - only Am241 was detected. Pu239/Pu240 is estimated based on a 36 year-old RFETS WgPu ratio of: 6.951
 Case 2 - no Am241 or Pu239 peaks were detected. Results for Am241 are reported at the MDA, and Pu239 is determined from RFETS WgPu ratios.

Survey Area: D

Survey Unit: DOP

Building: 371

Description: Bldg. 371 DOP Scans

Rocky Flats Environmental Technology Site Decommissioning Operational Plan

DOP Activity Measurements

Nbr of Measurements 15 Random 13 Bias

Nbr of measurements: 1113

Eberline Services In-situ Gamma Slab Measurements

Maximum: 0.76 nCi/g
Minimum: 0.002 nCi/g
Mean: 0.13 nCi/g
Standard Deviation: 0.20 nCi/g
DOP Slab Limits: 7 nCi/g

Gamma Surface Measurements

Maximum: 13.62 nCi/g
Minimum: 0.30 nCi/g
Mean: 0.63 nCi/g
Standard Deviation: 0.68 nCi/g
DOP Surface Limits: 100 nCi/g

Total nCi: 1.66E+07

Total Grams WGPu: 2.01E-01

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Building 371 Basement Floor Area Surveys Phase IV Sets 12, 13, 14 (Conducted 3/28/05, 3/29/05, 4/1/05, 4/5/05, 4/6/05, 4/8/05, 4/12/05, 4/13/05)

Spectrum File ID	Room(s)	Area	SNAP Am241 Detected Activity (uCi)	SNAP Am241 Activity Concentration (nCi/g)	SNAP Am241 Concentration MDA (nCi/g)	SNAP Am241 2 Sigma Error (%)	SNAP Pu-239 Activity Concentration (nCi/g)	Pu-239/240 Activity Concentration (nCi/g)	Total Alpha Concentration (Am-241+ Pu-239/240) (nCi/g)	Assumed Contamination Depth (Inches)	Assumed Slab Thickness (Inches)	Estimated Average Pu-239/240 Slab Activity Concentration (nCi/g)	Estimated Average Pu-239/240+Am-241 Slab Activity Concentration (nCi/g)	Case (see note 5)
04120501	2327	Wall 1	0.5	0.053	0.013	31.3	<MDA	0.37	0.42	0.390	7.0	0.021	0.023	1
04050507	2307	Floor 2	< 0.1	< 0.005	0.005	na	<MDA	0.03	0.04	0.390	7.0	0.002	0.002	2
04050504	2307	Floor 3	< 0.1	< 0.005	0.005	na	<MDA	0.03	0.04	0.390	7.0	0.002	0.002	2
04060505	2325	Floor 4	< 0.1	< 0.005	0.005	na	<MDA	0.03	0.04	0.390	7.0	0.002	0.002	2
04060508	2325	Floor 5-mp	1.5	0.180	0.088	175	<MDA	1.3	1.4	0.390	7.0	0.070	0.080	1
04050505	2307	Floor 6	< 0.1	< 0.006	0.006	na	<MDA	0.04	0.05	0.390	7.0	0.002	0.003	2
04060502	2319	Floor 7	< 0.1	< 0.005	0.005	na	<MDA	0.03	0.04	0.390	7.0	0.002	0.002	2
04050506	2307	Floor 8	< 0.1	< 0.005	0.005	na	<MDA	0.03	0.04	0.390	7.0	0.002	0.002	2
04080501	2317	Floor 9	0.1	0.006	0.004	115	<MDA	0.04	0.05	0.390	7.0	0.002	0.003	1
04060509	2325	Floor 10	0.1	0.005	0.005	122	<MDA	0.03	0.04	0.390	7.0	0.002	0.002	1
04060506	2325	Floor 11	< 0.1	< 0.005	0.005	na	<MDA	0.03	0.04	0.390	7.0	0.002	0.002	2
04120505	2327	Wall 12	3.2	0.367	0.019	27.3	<MDA	2.6	2.9	0.390	7.0	0.14	0.16	1
04060507	2325	Floor 13	< 0.1	< 0.005	0.005	na	<MDA	0.04	0.04	0.390	7.0	0.002	0.002	2
04120502	2327	Wall 14	0.3	0.037	0.013	34.9	<MDA	0.26	0.29	0.390	7.0	0.014	0.016	1
04060503	2319	Floor 15	< 0.1	< 0.005	0.005	na	<MDA	0.03	0.04	0.390	7.0	0.002	0.002	2
04050503	2307	Floor B1 (after decon)	< 0.2	< 0.019	0.019	na	<MDA	0.13	0.15	0.390	7.0	0.008	0.009	2
04050502	2307	Floor B2 (after decon)	< 0.2	< 0.019	0.019	na	<MDA	0.13	0.15	0.390	7.0	0.007	0.009	2
04050501	2307	Floor B3 (after decon)	0.3	0.030	0.021	114	<MDA	0.21	0.24	0.390	7.0	0.012	0.013	1
03280501	2317	Floor B4	3.2	0.377	0.013	105	<MDA	2.6	3.0	0.390	7.0	0.15	0.17	1
03280502	2317	Floor B5	2.2	0.253	0.012	105	<MDA	1.8	2.0	0.390	7.0	0.10	0.11	1
03280503	2317	Floor B6	3.1	0.355	0.013	105	<MDA	2.5	2.8	0.390	7.0	0.14	0.16	1
03280504	2317	Floor B7	3.4	0.399	0.013	105	<MDA	2.8	3.2	0.390	7.0	0.15	0.18	1
03280505	2317	Floor B8	7.6	0.883	0.019	105	<MDA	6.1	7.0	0.390	7.0	0.34	0.39	1
03280506	2317	Floor B9	14.6	1.71	0.022	105	<MDA	12	14	0.390	7.0	0.68	0.76	1
03280507	2317	Floor B10	13.3	1.55	0.019	105	<MDA	11	12	0.390	7.0	0.60	0.69	1
03280508	2317	Floor B11	4.2	0.489	0.014	105	<MDA	3.4	3.9	0.390	7.0	0.19	0.22	1
03280509	2317	Floor B12	2.5	0.292	0.011	105	<MDA	2.0	2.3	0.390	7.0	0.11	0.13	1
03280510	2317	Floor B13	12.3	1.43	0.020	105	<MDA	9.9	11	0.390	7.0	0.55	0.63	1

Survey Area: E

Survey Unit: DOP

Building: 371

Description: Bldg. 371 DOP Scans

Rocky Flats Environmental Technology Site Decommissioning Operational Plan

DOP Activity Measurements

Nbr of Measurements 15 Random 3 Bias

Nbr of measurements: 371

Eberline Services In-situ Gamma Slab Measurements

Maximum: 4.20 nCi/g

Minimum: 0.04 nCi/g

Mean: 0.89 nCi/g

Standard Deviation: 1.18 nCi/g

DOP Slab Limits: 7 nCi/g

Gamma Surface Measurements

Maximum: 71.69 nCi/g

Minimum: 0.49 nCi/g

Mean: 3.51 nCi/g

Standard Deviation: 6.45 nCi/g

DOP Surface Limits: 100 nCi/g

Total nCi: 9.06E+07

Total Grams WGPu: 7.47E-03

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Eberline Services - RFETS
 Building 371 Final Survey Results
 3/23/2005 12:48 PM

Building 371 Sub-Basement Floor Area Surveys Area (Conducted 3-6-05, 3-13-05)

Spectrum File ID	Room(s)	Area	SNAP Am241 Detected Activity (uCi)	SNAP Am241 Activity Concentration (nCi/g)	SNAP Am241 Concentration MDA (nCi/g)	SNAP Am241 2-Sigma Error (%)	SNAP Pu-239 Activity Concentration (nCi/g)	Pu-239/240 Activity Concentration (nCi/g)	Total Alpha Concentration (Am-241+ Pu-239/240) (nCi/g)	Assumed Contamination Depth (inches)	Assumed Slab Thickness (inches)	Estimated Average Pu-239/240 Slab Activity Concentration (nCi/g)	Estimated Average Pu-239/240+Am-241 Slab Activity Concentration (nCi/g)	Case (see note 4)
3060530	1206	CSV-1	1	0.100	0.020	106.0	<MDA	0.7	0.8	0.390	7.0	0.0	0.0	1
3060527	1206	CSV-2	5	0.620	0.040	105.0	<MDA	4.2	4.9	0.390	7.0	0.2	0.3	1
3060523	1206	CSV-3	62	7.300	0.070	105.0	<MDA	50.0	57.3	0.390	7.0	2.8	3.2	1
3060526	1206	CSV-4	1	0.120	0.020	106.0	<MDA	0.8	0.9	0.390	7.0	0.0	0.1	1
3060524	1206	CSV-5	2	0.280	0.020	105.0	<MDA	1.9	2.2	0.390	7.0	0.1	0.1	1
3060533	1206	CSV-6	1	0.160	0.020	106.0	<MDA	1.1	1.3	0.390	7.0	0.1	0.1	1
3060522	1220	CSV-7*	295	4.600	0.090	39.7	<MDA	31.5	36.1	0.390	7.0	1.8	2.0	1
3060519	1218	CSV-8	24	2.800	0.050	105.0	<MDA	19.2	22.0	0.390	7.0	1.1	1.2	1
3060520	1220	CSV-9*	27	1.400	0.090	11.0	<MDA	9.6	11.0	0.390	7.0	0.5	0.6	1
3060532	1206	CSV-10	8	0.930	0.030	105.0	<MDA	6.4	7.3	0.390	7.0	0.4	0.4	1
3060518	1218	CSV-11	26	3.000	0.040	105.0	<MDA	20.6	23.6	0.390	7.0	1.1	1.3	1
3060525	1206	CSV-12	4	0.440	0.020	105.0	<MDA	3.0	3.5	0.390	7.0	0.2	0.2	1
3060521	1220	CSV-13*	54	2.800	0.100	9.9	<MDA	19.2	22.0	0.390	7.0	1.1	1.2	1
3060529	1206	CSV-14	3	0.310	0.030	105.0	<MDA	2.1	2.4	0.390	7.0	0.1	0.1	1
3060531	1206	CSV-15	4	0.510	0.020	105.0	<MDA	3.5	4.0	0.390	7.0	0.2	0.2	1
3060528	1206	CSV-B3	1	0.120	0.030	106.0	<MDA	0.8	0.9	0.390	7.0	0.0	0.1	1
3130501	1206	CSV-B4	13	1.500	0.030	105.0	<MDA	10.3	11.8	0.390	7.0	0.6	0.7	1
3130503	1206	CSV-B5	83	9.600	0.030	105.0	<MDA	65.8	75.4	0.390	7.0	3.7	4.2	1

Notes:

- 1) Floor survey areas are equivalent to 4 sq.ft. each, unless indicated with an asterisk* All nuclide activities are assumed to be distributed evenly within the area surveyed.
- 2) < sign indicates a non-detect; value is below the MDA for that measurement.
- 3) Activity per gram values for each isotope are taken from TBD-00076, Activities for Isotopes of Concern in Weapons Plutonium as a Function of Time, for 36 year old plutonium.
- 4) Am241 and Pu239 determinations are based on one of two cases listed below:
 Case 1 - only Am241 was detected. Pu239/Pu240 is estimated based on a 36 year-old RFETS WgPu ratio of: 6.85
 Case 2 - no Am241 or Pu239 peaks were detected. Results for Am241 are reported at the MDA, and Pu239 is determined from RFETS WgPu ratios.

Survey Area: F	Survey Unit: DOP	Building: 371		
Description: Bldg. 371 DOP Scans				
<h2>Rocky Flats Enviromental Technology Site Decommissioning Operational Plan</h2>				
<h3>DOP Activity Measurements</h3>				
Nbr of Measurements 15 Random 2 Bias		Nbr of measurements: 537		
<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>Eberline Services In-situ Gamma Slab Measurements</p> <p>Maximum: 2.93 nCi/g</p> <p>Minimum: 0.05 nCi/g</p> <p>Mean: 1.04 nCi/g</p> <p>Standard Deviation: 0.87 nCi/g</p> <p>DOP Slab Limits: 7 nCi/g</p> </td> <td style="width: 50%; vertical-align: top;"> <p style="text-align: center;">Gamma Surface Measurements</p> <p>Maximum: 93.36 nCi/g</p> <p>Minimum: 0.12 nCi/g</p> <p>Mean: 6.01 nCi/g</p> <p>Standard Deviation: 9.98 nCi/g</p> <p>DOP Surface Limits: 100 nCi/g</p> </td> </tr> </table>			<p>Eberline Services In-situ Gamma Slab Measurements</p> <p>Maximum: 2.93 nCi/g</p> <p>Minimum: 0.05 nCi/g</p> <p>Mean: 1.04 nCi/g</p> <p>Standard Deviation: 0.87 nCi/g</p> <p>DOP Slab Limits: 7 nCi/g</p>	<p style="text-align: center;">Gamma Surface Measurements</p> <p>Maximum: 93.36 nCi/g</p> <p>Minimum: 0.12 nCi/g</p> <p>Mean: 6.01 nCi/g</p> <p>Standard Deviation: 9.98 nCi/g</p> <p>DOP Surface Limits: 100 nCi/g</p>
<p>Eberline Services In-situ Gamma Slab Measurements</p> <p>Maximum: 2.93 nCi/g</p> <p>Minimum: 0.05 nCi/g</p> <p>Mean: 1.04 nCi/g</p> <p>Standard Deviation: 0.87 nCi/g</p> <p>DOP Slab Limits: 7 nCi/g</p>	<p style="text-align: center;">Gamma Surface Measurements</p> <p>Maximum: 93.36 nCi/g</p> <p>Minimum: 0.12 nCi/g</p> <p>Mean: 6.01 nCi/g</p> <p>Standard Deviation: 9.98 nCi/g</p> <p>DOP Surface Limits: 100 nCi/g</p>			
<p>Total nCi: 7.60E+08</p>				
<p>Total Grams WGPu: 6.26E-02</p>				

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Eberline Services - RFETS
 Building 371 Final Survey Results
 3/23/2005 12:49 PM

Building 371 Sub-Basement Floor Area Surveys (Conducted 3-6-05, 3-13-05, 3-14-05)

Spectrum File ID	Room(s)	Area	SNAP Am241 Detected Activity (uCi)	SNAP Am241 Activity Concentration (nCi/g)	SNAP Am241 Concentration MDA (nCi/g)	SNAP Am241 2-Sigma Error (%)	SNAP Pu-239 Activity Concentration (nCi/g)	Pu-239/240 Activity Concentration (nCi/g)	Total Alpha Concentration (Am-241+ Pu-239/240) (nCi/g)	Assumed Contamination Depth (Inches)	Assumed Slab Thickness (Inches)	Estimated Average Pu-239/240 Slab Activity Concentration (nCi/g)	Estimated Average Pu-239/240+Am-241 Slab Activity Concentration (nCi/g)	Case (see note 4)
3060513	1125	1	58	6.700	0.120	11.6	<MDA	45.9	52.60	0.390	7.0	2.557	2.9	1
3060511	1125	2	33	3.800	0.060	105.0	<MDA	26.0	29.83	0.390	7.0	1.450	1.7	1
3140504	1125	3	28	3.200	0.050	105.0	<MDA	21.9	25.12	0.390	7.0	1.221	1.4	1
3140503	1125	4	5.6	0.660	0.030	105.0	<MDA	4.5	5.18	0.390	7.0	0.252	0.3	1
3140507	1125	5	4.9	0.580	0.020	105.0	<MDA	4.0	4.55	0.390	7.0	0.221	0.3	1
3060504	1117	6	20	2.300	0.050	105.0	<MDA	15.8	18.06	0.390	7.0	0.878	1.0	1
3060501	1117	7	23	2.700	0.050	105.0	<MDA	18.5	21.20	0.390	7.0	1.030	1.2	1
3140508	1125	8	17	2.000	0.050	105.0	<MDA	13.7	15.70	0.390	7.0	0.783	0.9	1
3060506	1117	9	18	2.000	0.040	79.9	<MDA	13.7	15.70	0.390	7.0	0.763	0.9	1
3140501	1117	10	19	2.200	0.050	105.0	<MDA	15.1	17.27	0.390	7.0	0.840	1.0	1
3140505	1125	11	4	0.470	0.020	105.0	<MDA	3.2	3.69	0.390	7.0	0.179	0.2	1
3060516	1117	12	58	6.700	0.080	105.0	<MDA	45.9	52.60	0.390	7.0	2.557	2.9	1
3060505	1117	13	9	1.100	0.030	105.0	<MDA	7.5	8.64	0.390	7.0	0.420	0.5	1
3080512	1125	14	35	4.000	0.060	105.0	<MDA	27.4	31.40	0.390	7.0	1.527	1.7	1
3080502	1117	15	1	0.121	0.020	106.0	<MDA	0.8	0.95	0.390	7.0	0.046	0.1	1
3140502	1125	B1	7	0.810	0.030	105.0	<MDA	5.5	6.36	0.390	7.0	0.309	0.4	1
3140506	1125	B2	8.5	1.000	0.030	105.0	<MDA	6.9	7.85	0.390	7.0	0.382	0.4	1

Notes:

- 1) Floor survey areas are equivalent to 4 sq.ft. each, unless indicated with an asterisk* All nuclide activities are assumed to be distributed evenly within the area surveyed.
- 2) < sign indicates a non-detect; value is below the MDA for that measurement.
- 3) Activity per gram values for each isotope are taken from TBD-00076, Activities for Isotopes of Concern in Weapons Plutonium as a Function of Time, for 36 year old plutonium.
- 4) Am241 and Pu239 determinations are based on one of two cases listed below:
 Case 1 - only Am241 was detected. Pu239/Pu240 is estimated based on a 36 year-old RFETS WgPu ratio of: 6.85
 Case 2 - no Am241 or Pu239 peaks were detected. Results for Am241 are reported at the MDA, and Pu239 is determined from RFETS WgPu ratios.

Survey Area: G

Survey Unit: DOP

Building: 371

Description: Bldg. 371 DOP Scans

Rocky Flats Environmental Technology Site Decommissioning Operational Plan

DOP Activity Measurements

Nbr of Measurements 15 Random 16 Bias

Nbr of measurements: 1761

Eberline Services In-situ Gamma Slab Measurements

Maximum: 5.12 nCi/g

Minimum: 0.00 nCi/g

Mean: 0.45 nCi/g

Standard Deviation: 1.19 nCi/g

DOP Slab Limits: 7 nCi/g

Gamma Surface Measurements

Maximum: 9.76 nCi/g

Minimum: 1.02 nCi/g

Mean: 1.01 nCi/g

Standard Deviation: 0.61 nCi/g

DOP Surface Limits: 100 nCi/g

Total nCi: 5.04E+08

Total Grams WGPu: 4.15E-02

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Eberline Services - RFETS
 Building 371 Final Survey Results
 3/23/2005 12:50 PM

Building 371 Sub-Basement Floor Area Surveys Area (Conducted 2/28/05, 3/1/05, 3/2/05, 3/6/05)

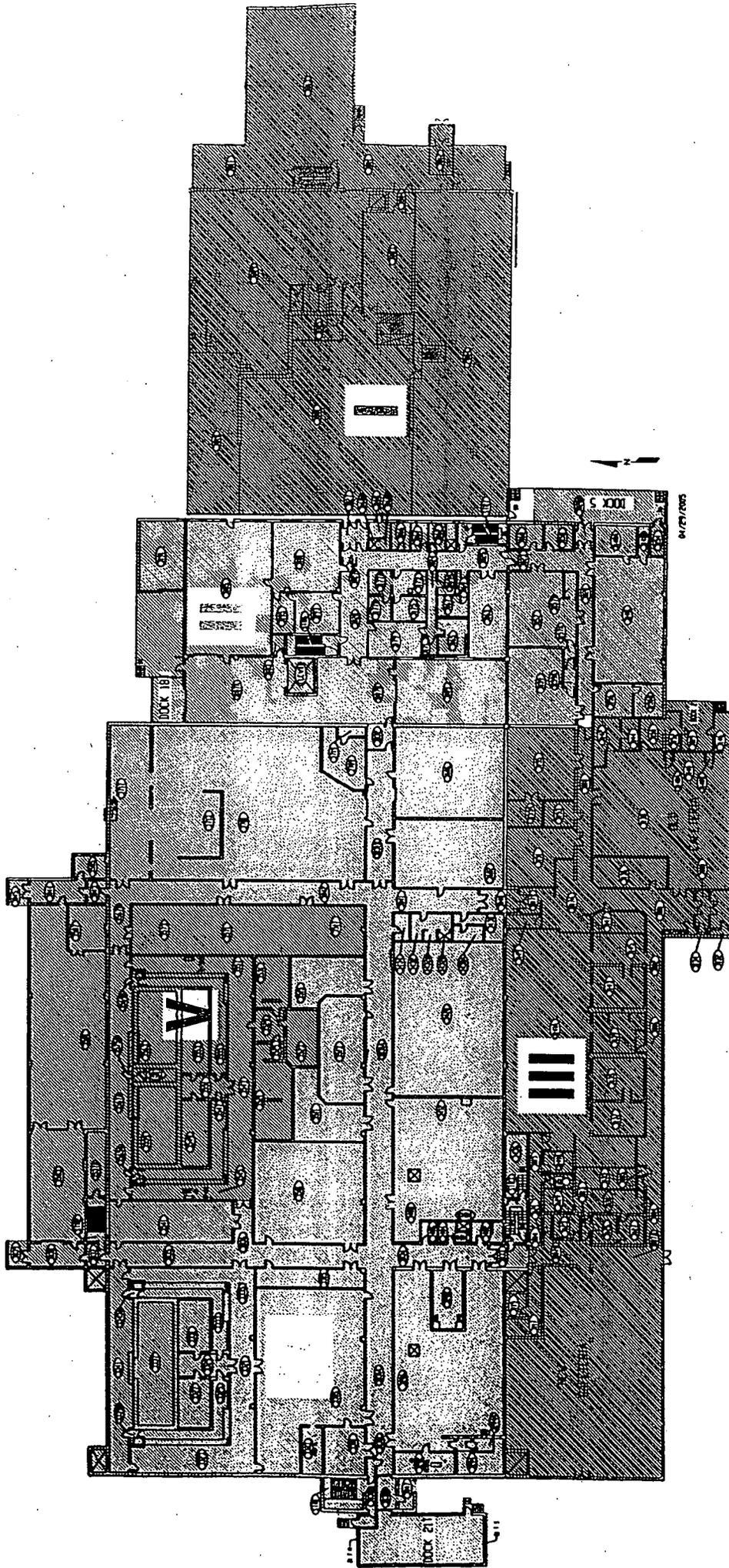
Spectrum File ID	Room(s)	Area	SNAP Am241 Detected Activity (uCi)	SNAP Am241 Concentration (nCi/g)	SNAP Am241 Concentration MDA (nCi/g)	SNAP Am241 2-Sigma Error (%)	SNAP Pu-239 Activity Concentration (nCi/g)	Pu-239/240 Activity Concentration (nCi/g)	Total Alpha Concentration (Am-241+ Pu-239/240) (nCi/g)	Assumed Contamination Depth (Inches)	Assumed Slab Thickness (Inches)	Estimated Average Pu-239/240 Slab Activity Concentration (nCi/g)	Estimated Average Pu-239/240+Am-241 Slab Activity Concentration (nCi/g)	Case (see note 4)
2280507	1103	1	< 0.1	< 0.009	0.009	na	<MDA	0.06	0.07	0.390	7.0	0.003	0.004	2
2280506	1103	2	< 0.1	< 0.009	0.009	na	<MDA	0.06	0.07	0.390	7.0	0.003	0.004	2
3060534	1232	3	226	11.700	0.133	9.2	<MDA	80.15	91.85	0.390	7.0	4.465	5.117	1
3020502	1216	4	< 0.1	< 0.010	0.010	na	<MDA	0.07	0.08	0.390	7.0	0.004	0.004	2
2280504	1105	5	< 0.16	0.019	0.009	110.0	<MDA	0.13	0.15	0.390	7.0	0.007	0.008	1
3020503	1216	6	< 0.1	< 0.008	0.008	na	<MDA	0.05	0.06	0.390	7.0	0.003	0.003	2
3010503	1006	7	< 0.1	< 0.009	0.009	na	<MDA	0.06	0.07	0.390	7.0	0.003	0.004	2
2280502	1115	8	< 0.1	< 0.010	0.010	na	<MDA	0.07	0.08	0.390	7.0	0.004	0.004	2
2280509	1101	9	< 0.1	< 0.009	0.009	na	<MDA	0.06	0.07	0.390	7.0	0.003	0.004	2
3010501	1004	10	< 0.1	< 0.009	0.009	na	<MDA	0.06	0.07	0.390	7.0	0.003	0.004	2
2280503	1115	11	< 0.1	< 0.010	0.010	na	<MDA	0.07	0.08	0.390	7.0	0.004	0.004	2
3010513	1210	12	0.1	0.010	0.008	117.0	<MDA	0.07	0.08	0.390	7.0	0.004	0.004	1
3010502	1006	13	< 0.3	0.034	0.034	na	<MDA	0.23	0.27	0.390	7.0	0.013	0.015	2
2280501	1113	14	< 0.1	< 0.009	0.009	na	<MDA	0.06	0.07	0.390	7.0	0.003	0.004	2
2280508	1103	15	< 0.1	< 0.009	0.009	na	<MDA	0.06	0.07	0.390	7.0	0.003	0.004	2
2280505	1105	B1	4.2	0.490	0.011	105.0	<MDA	3.36	3.85	0.390	7.0	0.187	0.214	1
3010504	1115	B2	3.8	0.437	0.017	105.0	<MDA	2.99	3.43	0.390	7.0	0.167	0.191	1
3010505	1115	B3	3.9	0.458	0.016	105.0	<MDA	3.14	3.60	0.390	7.0	0.175	0.200	1
3010506	1115	B4	3.1	0.365	0.015	105.0	<MDA	2.50	2.87	0.390	7.0	0.139	0.160	1
3010507	1115	B5	6.8	0.787	0.017	105.0	<MDA	5.39	6.18	0.390	7.0	0.300	0.344	1
3010508	1119	B6	18.4	2.140	0.037	105.0	<MDA	14.66	16.80	0.390	7.0	0.817	0.936	1
3010509	1115	B7	50.4	5.870	0.052	105.0	<MDA	40.21	46.08	0.390	7.0	2.240	2.587	1
3010510	1115	B8	16.9	1.970	0.030	105.0	<MDA	13.49	15.46	0.390	7.0	0.752	0.882	1
3010511	1105	B9	6.4	0.745	0.023	105.0	<MDA	5.10	5.85	0.390	7.0	0.284	0.326	1
3010512	1105	B10	5.9	0.688	0.025	105.0	<MDA	4.71	5.40	0.390	7.0	0.263	0.301	1
3020501	Stair 5	B11	< 0.1	< 0.009	0.009	na	<MDA	0.06	0.07	0.390	7.0	0.003	0.004	2
3020504	1216	B12	< 0.1	< 0.009	0.009	na	<MDA	0.06	0.07	0.390	7.0	0.003	0.004	2
3020505	1210	B13	< 0.1	< 0.009	0.009	na	<MDA	0.06	0.07	0.390	7.0	0.003	0.004	2
3020306	1210	B14	< 0.1	< 0.009	0.009	na	<MDA	0.06	0.07	0.390	7.0	0.003	0.004	2
3020607	1107	B15	5.3	0.618	0.025	105.0	<MDA	4.23	4.85	0.390	7.0	0.236	0.270	1
3020508	1103	B16	< 0.1	< 0.010	0.010	na	<MDA	0.07	0.08	0.390	7.0	0.004	0.004	2

Notes:

- 1) Floor survey areas are equivalent to 1 sq. meter each. Sump surveys are based upon actual dimensions of each sump. All nuclide activities are assumed to be distributed evenly within the area surveyed.
- 2) < sign indicates a non-detect; value is below the MDA for that measurement.
- 3) Activity per gram values for each isotope are taken from TBD-00076, Activities for Isotopes of Concern in Weapons Plutonium as a Function of Time, for 36 year old plutonium.
- 4) Am241 and Pu239 determinations are based on one of two cases listed below:
 Case 1 - only Am241 was detected. Pu239/Pu240 is estimated based on a 36 year-old RFETS WgPu ratio of: 6.85
 Case 2 - no Am241 or Pu239 peaks were detected. Results for Am241 are reported at the MDA, and Pu239 is determined from RFETS WgPu ratios.

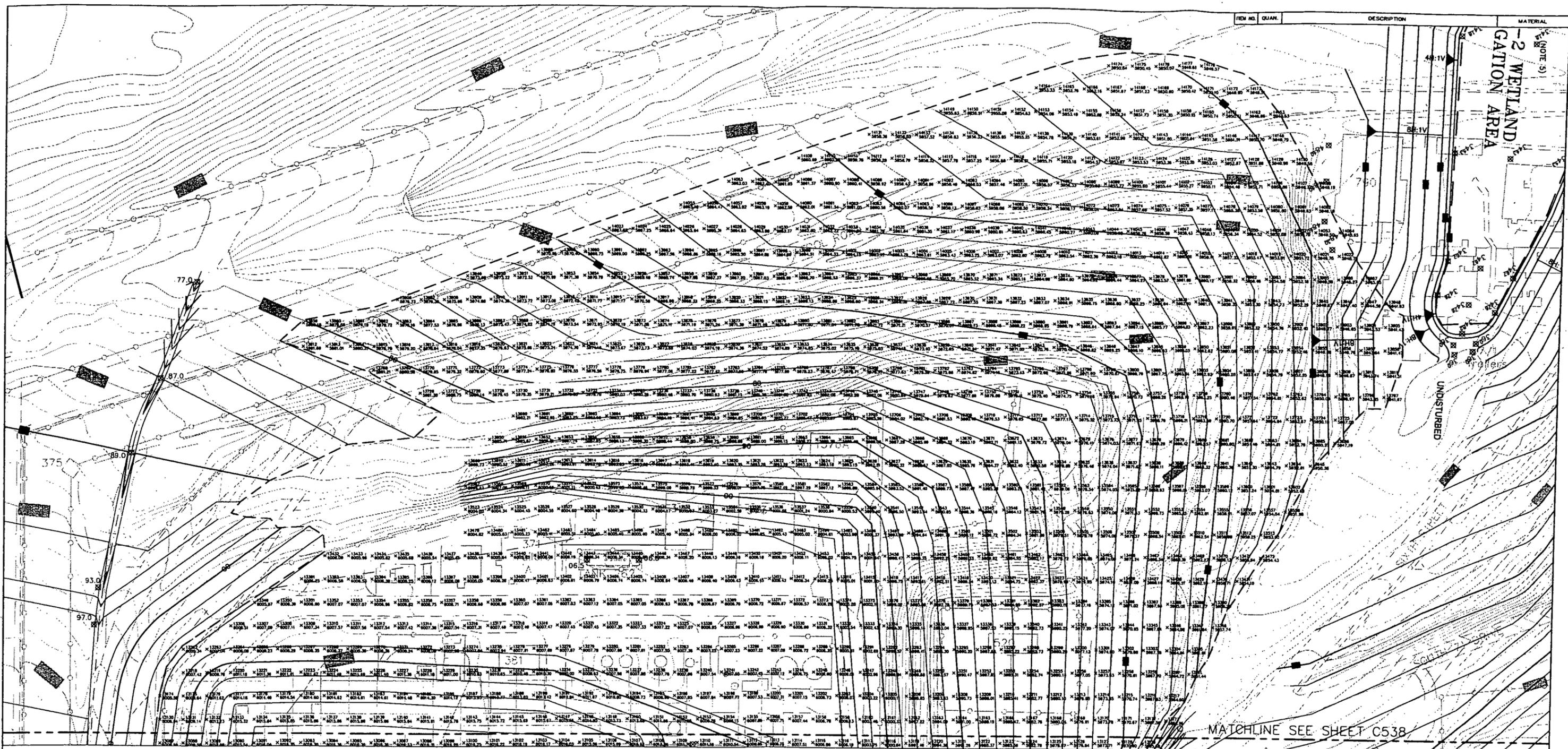
ATTACHMENT E
DEMOLITION PHASES I - V

FINAL STATUS SURVEY REPORT
Phase IV & V of B371



129

ATTACHMENT F
CONTOUR DRAWING OF FINAL GRADE



ITEM NO.	QUAN.	DESCRIPTION	MATERIAL

2 WETLAND CANYON AREA (NOTE 5)

UNDISTURBED

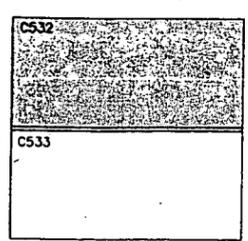
MATCHLINE SEE SHEET C538

- NOTES:**
1. PROPOSED FINAL ELEVATIONS PROVIDED FOR A UNIFORM GRID ON 25 FOOT CENTERS. SEE DRAWING C532 FOR PROPOSED FINAL ELEVATIONS AT INDIVIDUAL BUILDING COLUMNS.
 2. NORTHING AND EASTING COORDINATES FOR EACH GRID POINT PROVIDED ON SEPARATE TABLES.
 3. PROPOSED FINAL GRADES BASED ON XREF-IA-GRADING-REV11N.

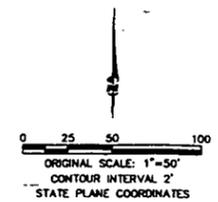
LEGEND:

6000	EXISTING INDEX CONTOUR	80	PROPOSED LCDB INDEX GRADE
	EXISTING INTERMEDIATE CONTOUR	85	PROPOSED LCDB INTERMEDIATE GRADE
	PAVED ROAD		PROPOSED LCDB SPOT ELEVATION
	UNPAVED ROAD		DRAINAGE DITCH/CREEK CENTER LINE
	FENCE		
	EXISTING CULVERT		

KEYMAP



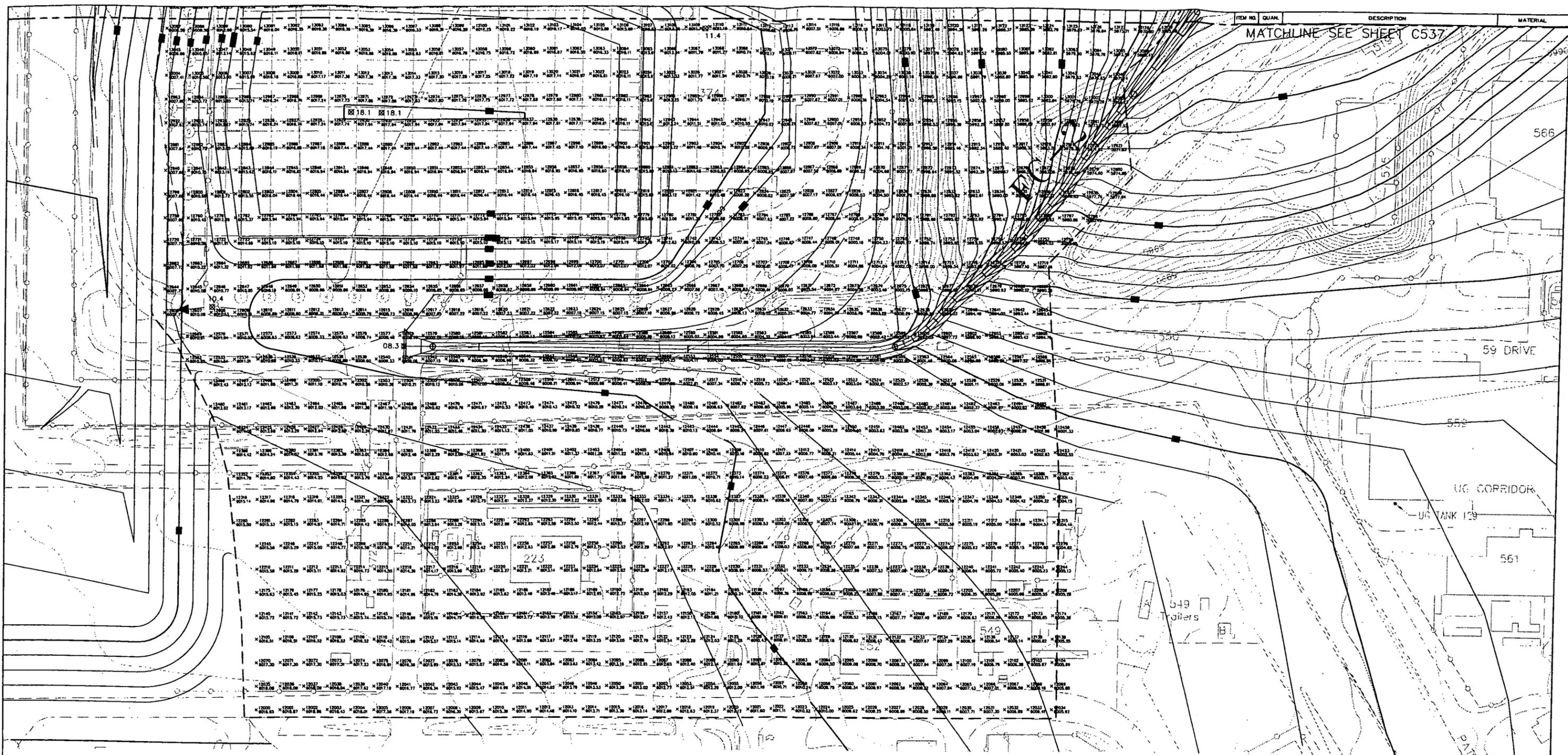
DRAFT



ISSUED FOR REVIEW		DESCRIPTION	
KEYWORDS	TOLERANCES	DESIGN COMPANY: PARSONS	
1.LAND	FRAC. ±	DESIGNED BY	R. STEGEN
2.CONFIGURATION	ANG. ±	DRAWN BY	J. HARSOCH
3.GRADING	DEC.	CHECKED BY	J. H.
4.DRAINAGE	UNLESS NOTED OTHERWISE	INDEPENDENT VERIFIER	
5.	REMOVE BURRS AND SHARP EDGES	APPROVED BY	
BUILDING/FACTORY	NEXT ASSEMBLY	CLASSIFIER	
371/374	N/A	ADDITIONAL APPROVALS	
ROOM/AREA	N/A	SCALE:	
GRID COORD./EOL. NO.	N/A	AS NOTED	

KH900286-018		PROJECT/WCF NO.	
U.S. DEPARTMENT OF ENERGY			
ROCKY FLATS OFFICE GOLDEN, COLORADO			
Rocky Flats Environmental Technology Site			
GOLDEN, COLORADO			
LAND CONFIGURATION DESIGN BASIS			
IA GRADING AND DRAINAGE PLANS			
BUILDING 371/374			
PROPOSED FINAL GRADE STAKING			
SIZE	DRAWING NUMBER	ISSUE	
D	51754-C537	0	

AUTOCAD COMPUTER GENERATED

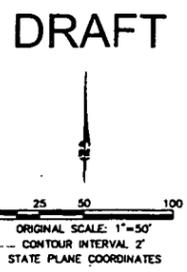
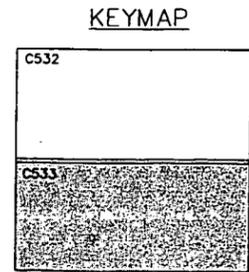


ITEM NO.	QUAN.	DESCRIPTION	MATERIAL
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- NOTES:**
- PROPOSED FINAL ELEVATIONS PROVIDED FOR A UNIFORM GRID ON 25 FOOT CENTERS. SEE DRAWING C532 FOR PROPOSED FINAL ELEVATIONS AT INDIVIDUAL BUILDING COLUMNS.
 - NORTHING AND EASTING COORDINATES FOR EACH GRID POINT PROVIDED ON SEPARATE TABLES.
 - PROPOSED FINAL GRADES BASED ON XREF-1A-GRADING-REV11N.

LEGEND:

	EXISTING INDEX CONTOUR		PROPOSED LCDB INDEX GRADE
	EXISTING INTERMEDIATE CONTOUR		PROPOSED LCDB INTERMEDIATE GRADE
	PAVED ROAD		PROPOSED LCDB SPOT ELEVATION
	UNPAVED ROAD		DRAINAGE DITCH/CREEK CENTER LINE
	FENCE		
	EXISTING CULVERT		



ISSUED FOR REVIEW		KH900286-018	
DESCRIPTION		PROJECT/WOF NO.	
DESIGN COMPANY: PARSONS		U.S. DEPARTMENT OF ENERGY	
DESIGNED BY: R. STEGEN		ROCKY FLATS OFFICE GOLDEN, COLORADO	
DRAWN BY: J. HARSCH		Rocky Flats Environmental Technology Site	
CHECKED BY: J.L.H.		GOLDEN, COLORADO	
UNLESS NOTED OTHERWISE INDEPENDENT VERIFIER		LAND CONFIGURATION DESIGN BASIS	
REMOVE BARRS AND SHARP EDGES		IA GRADING AND DRAINAGE PLANS	
APPROVED BY:		BUILDING 371/374	
NEXT ASSEMBLY CLASSIFIER		PROPOSED FINAL GRADE STAKING	
SCALE: AS NOTED		SIZE	DRAWING NUMBER
		D	51754-C538
		ISSUE	0

AUTOCAD COMPUTER GENERATED

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Figure 1
Sector 5A
Underground Utilities

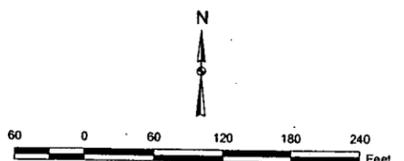
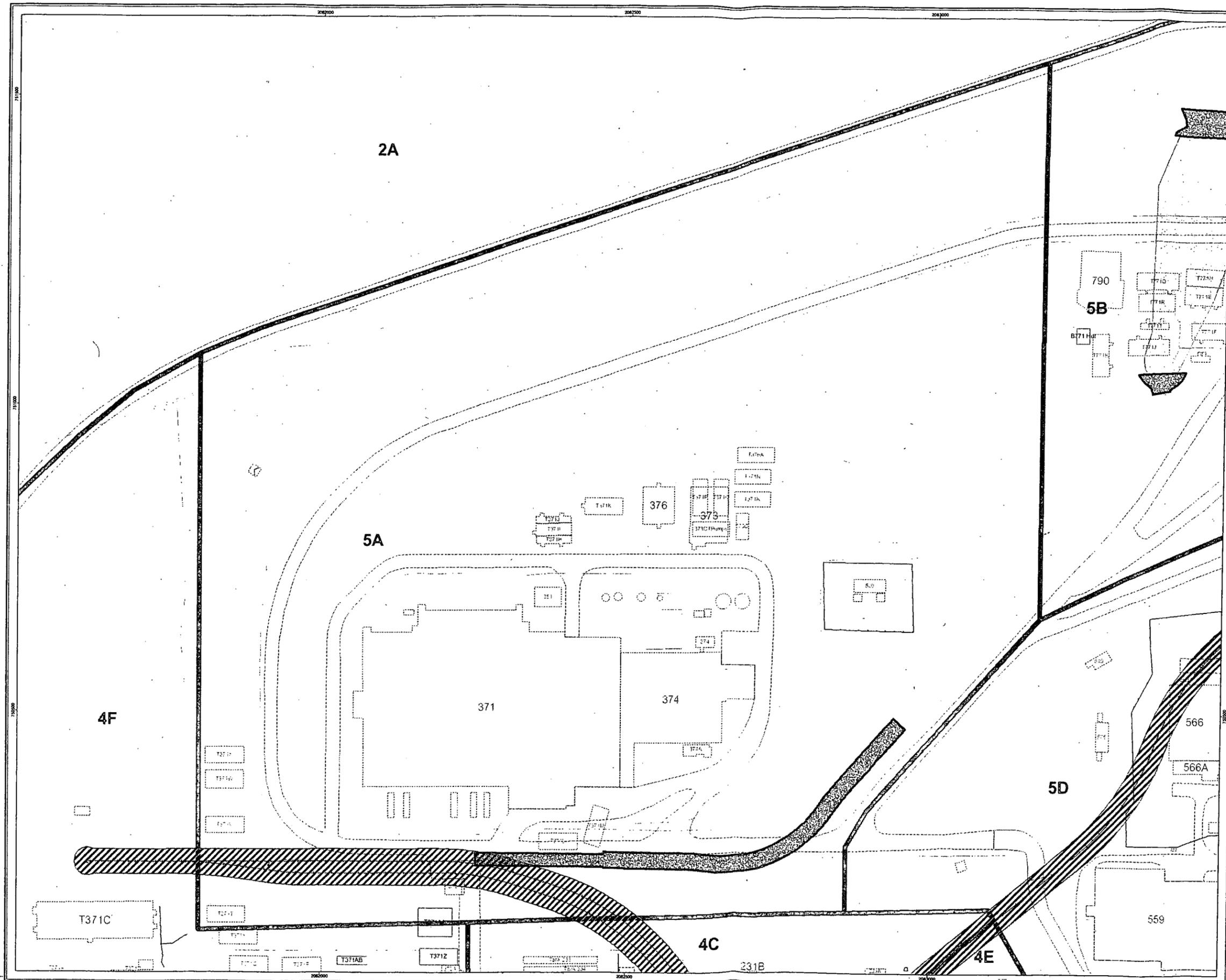
EXPLANATION

 Sectors

NOTE: Hatched line symbols represent removed features.
 * Color indicates utility type.

Standard Map Features

-  Demolished Facility
-  Remaining Facility
-  Demolished Roads
-  Paved Roads
-  Dirt Roads
-  Railroad Removed
-  Railroad Remaining
-  Fence Remaining
-  Stream or Ditch
-  Lakes and Ponds
-  Excavation Area
-  Riprap Areas
-  Wetlands



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

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

Prepared By:

 GIS DEPT. (303) 966-7707

Prepared For:


DATE: 9/21/2005

PATH: IGIS\GIS\Projects\Utilities\Sector-5A-0.mxd

Figure 2
Sector 5A
Underground Utilities

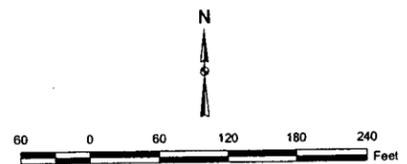
EXPLANATION

-  Sectors
-  2nd Alarm
-  Classified Data
-  Classified LAN
-  Original Alarm
-  Telephone
-  Alarm (PIDAS)
-  Nitrogen Lines
-  Natural Gas
-  Sewer Blocks
-  Sewer
-  Sewer Abandoned
-  Underground Steam
-  DCWF
-  Raw Water
-  Power
-  Culverts & Drains
-  Original Process Waste Lines
-  New Process Waste Lines
-  Manholes *

NOTE: Hatched line symbols represent removed features.
* Color indicates utility type.

Standard Map Features

-  Demolished Facility
-  Remaining Facility
-  Demolished Roads
-  Paved Roads
-  Dirt Roads
-  Railroad Removed
-  Railroad Remaining
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-  Stream or Ditch
-  Lakes and Ponds
-  Excavation Area
-  Riprap Areas
-  Wetlands



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

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

Prepared By:
CH2MHILL
GIS DEPT. (303) 966-7707

Prepared For:
KAISER-HILL
COMPANY

DATE: 9/21/2005

PATH: N:\GIS\GIS\Projects\Utilities\Sector-5A-1.mxd

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134

