Final

Volume 7: Waste Management-WBS 1.1

Battelle Columbus Laboratories Decommissioning Project

Baseline, Revision 3

June 28, 2002

Volume 7—Waste Management WBS 1.1

A. Outline of Volume
B. Approach
C. Cost by Year (separate volume)
D. Schedule
E. Logic Networks
F. Pricing Sheets (separate volume)
   & Data Templates

BCLDP Baseline: Activity ID / Work Package Matrix

Open Plan ID	Work Package Number	Description
Waste Management		
L05-03	122-A03	Hanford Processing and Disposal
L05-04	122-A04	Hanford Processing and Disposal
L05-05	122-A05	Hanford Processing and Disposal
L0505D	122-A05	JN-1 Demolition Waste: Hanford Processing and Disposal
L05-06	122-A06	Hanford Processing and Disposal
L0506D	122-A06	JN-1 Demolition Waste: Hanford Processing and Disposal
L06-03	122-B03	Envirocare Processing and Disposal
L06-04	122-B04	Envirocare Processing and Disposal
L06-05	122-B05	Envirocare Processing and Disposal
L0605D	122-B05	JN-1 Demolition Waste: Envirocare Processing and Disposal
L06-06	122-B06	Envirocare Processing and Disposal
L0606D	122-B06	JN-1 Demolition Waste: Envirocare Processing and Disposal
L09-03	122-D03	Perma-Fix / DSSI Processing and Disposal
L09-04	122-D04	Perma-Fix / DSSI Processing and Disposal
L09-05	122-D05	Perma-Fix / DSSI Processing and Disposal
L09-06	122-D06	Perma-Fix / DSSI Processing and Disposal
131A03	131-A03	Field Operations Management Planning and Development
131A04	131-A04	Field Operations Management Planning and Development
131A05	131-A05	Field Operations Management Planning and Development
131C06	131-A06	Field Operations Management Planning and Development
W005A	131-B01	Characterize TRU Waste
W006B	132-B01	Finish Packaging TRU Waste in Sonatol building
W023A	132-B02	Finish TRU Waste Management for Shipments to Hanford
W024A	132-B04	Finish Waste management operations support for loading pallets
W020A	132-B05	Finish loading pallets into the 10-160B cask (including vendor support)
W027A	132-B06	Finish transportation of TRU waste to Hanford
W050	132-B07	Hanford: Review Profiles and Approve
W051	132-B07	Hanford: Unload Pallets from Trucks and Load Pallets into Vaults
L01-03	133-A03	Maintain Non-TRU Waste Programs
L02-03	133-A03	Accept.Process and Package LLW Waste
L03-03	133-A03	Prepare Documents and Packages (LLW)
L04-03	133-A03	Ship LLW Waste
L01-04	133-A04	Maintain Non-TRU Waste Programs
L02-04	133-A04	Accept.Process and Package LLW Waste
L03-04	133-A04	Prepare Documents and Packages (LLW)
L04-04	133-A04	Ship LLW Waste
L01-05	133-A05	Maintain Non-TRU Waste Programs
L02-05	133-A05	Accept.Process and Package LLW Waste
L03-05	133-A05	Prepare Documents and Packages (LLW)
L0305D	133-A05	JN-1 Demolition Waste: Prepare Documents and Packages (LLW)
L04-05	133-A05	Ship LLW Waste
L0405D	133-A05	JN-1 Demolition Waste: Ship LLW Waste
L01-06	133-A06	Maintain Non-TRU Waste Programs
L02-06	133-A06	Accept.Process and Package LLW Waste
L03-06	133-A06	Prepare Documents and Packages (LLW)
L0306D	133-A06	JN-1 Demolition Waste: Prepare Documents and Packages (LLW)
L04-06	133-A06	Ship LLW Waste
L0406D	133-A06	JN-1 Demolition Waste: Ship LLW Waste
L10-03	133-E03	Transportation of Waste to Disposal Sites
L10-04	133-E04	Transportation of Waste to Disposal Sites
L10-05	133-E05	Transportation of Waste to Disposal Sites
L1005D	133-E05	JN-1 Demolition Waste: Transportation of Waste to Disposal Sites
L10-06	133-E06	Transportation of Waste to Disposal Sites

BCLDP Baseline: Activity ID / Work Package Matrix

Open Plan ID	Work Package Number	Description
L1006D	133-E06	JN-1 Demolition Waste: Transportation of Waste to Disposal Sites
L11-03	133-F03	LLW Disposed IP-2/7A Boxes
L11-04	133-F04	LLW Disposed IP-2/7A Boxes
L11-05	133-F05	LLW Disposed IP-2/7A Boxes
L1105D	133-F05	JN-1 Demolition Waste: LLW Disposed IP-2/7A Boxes
L11-06	133-F06	LLW Disposed IP-2/7A Boxes
L1106D	133-F06	JN-1 Demolition Waste: LLW Disposed IP-2/7A Boxes

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Approach

Waste management activities within the BCLDP are a function of the waste type:

- LLW/MW

    1. Accept, process and package LLW/MW waste that is produced during the D$D of JN-1, JN-2, JN-3, and the external area

    2. Prepare documents and packages

    3. Ship LLW/LLMW to Hanford, Envirocare, Alaron, GTS, or NSSI.

- TRU

    1. Achieve "approved generator" status by developing a valid TRU Waste Program

    2. Assist Hanford in preparing for TRU waste acceptance

    3. Characterize, package and store the TRU waste produced onsite

    4. Ship and dispose of TRU waste at Hanford.

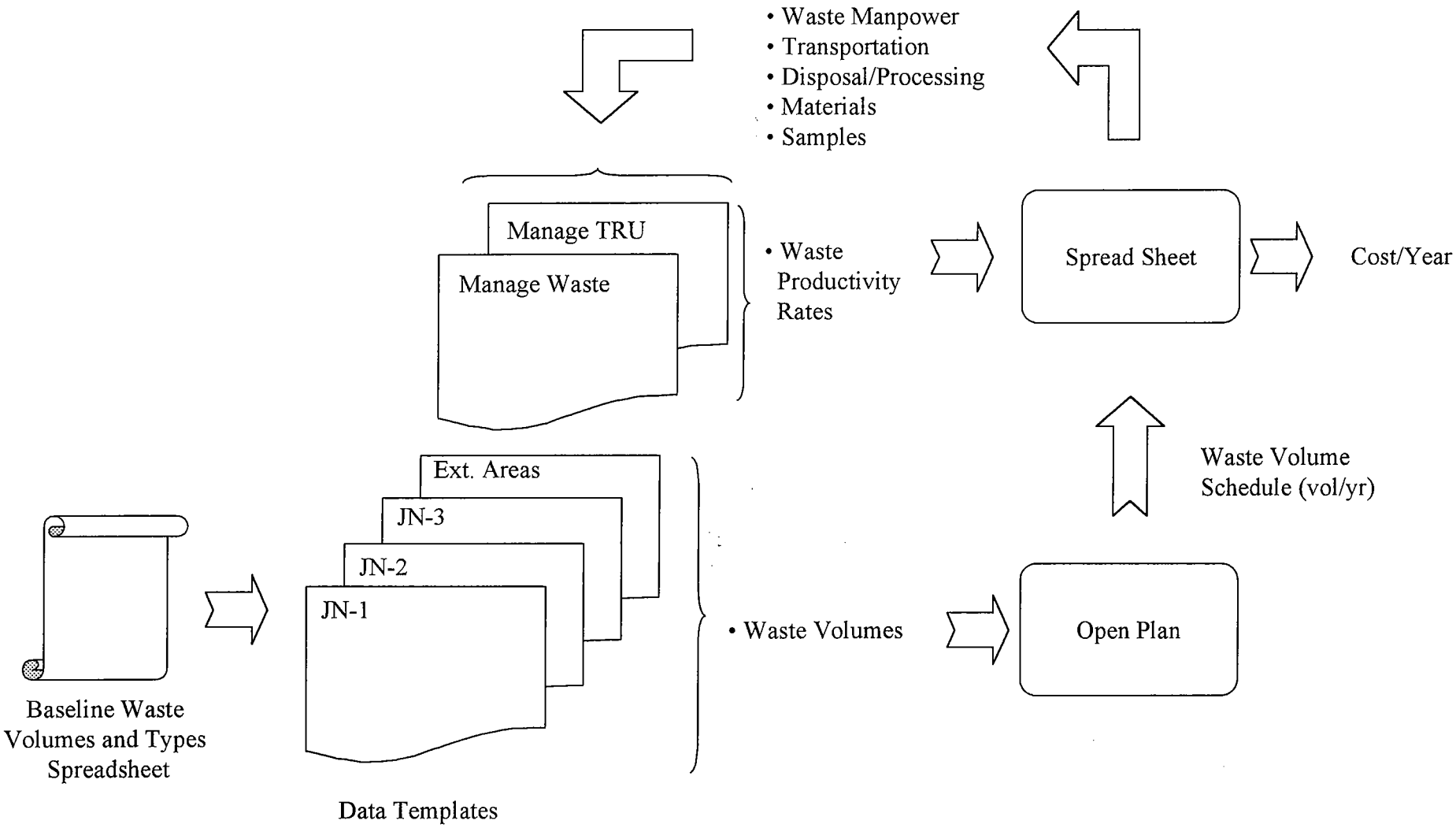
The process used to generate and price the waste activities is presented through a flow chart in the following figure: Completion Logic for Waste Management Data Templates.

At the beginning of the process to define the baseline, resident experts walked through Buildings JN-1, JN-2, and JN-3, as well as the External Areas, photographed the areas in the current state, and estimated the volume of existing waste by type. The output of this effort is shown in the Baseline Waste Volume & Types spreadsheet (Attachment 1) and the BCLDP Baseline Photographs (Volume 1, Section D).

These estimates were initial inputs used by the technical staff responsible for completing the baseline activities. As the data sheets (in Volumes 2-5) were developed, the total waste volumes that would be produced during the D&D of each building and external area were identified as outputs in terms of volumes and types of waste.

Using Open Plan, the waste volumes were distributed over the life of the program using the activity's logic and dates. Spreadsheets were created matrixing the waste volume by type/year with the waste productivity rates defined on the waste management data sheets. This resulted in the estimated waste manpower requirements, fees for transportation, disposal and processing, material needs, and the required number of sample analyses. The

resulting data is summarized using the Lowman baseline and Lowman JN-1 Demo Excel spreadsheets (Attachment 2). These estimates were then used to complete the data sheets shown under Section E of this volume.



Completion Logic for Waste Management Data Templates

Baseline Waste Volume & Types Spreadsheet (Attachment 1)

Baseline Waste Volume & Types Spreadsheet (Attachment 1)

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
0-AJ1 Foyer	1100	24	7	14	168	868	False Ceiling	24	7	0.2	1	1	33.6	Utilities	Rad
0-AJ1 Foyer	1100	24	7	14	168	868	Tile	24	7	0.02	1	1	3.36	Utilities	Rad
0-AJ1 Foyer	1100	24	7	14	168	868	conduit	25	0.2	0.2	1	10	10	Utilities	Rad
0-AJ1 Foyer	1100	24	7	14	168	868	cabinet	1	1.5	7	1	3	31.5	Remove Equip.	Rad
0-AJ1 Foyer	1100	24	7	14	168	868	register	1	4	6	1	1	24	Utilities	Rad
0-AJ1 Foyer	1100	24	7	14	168	868	lights 2	4	2	0.5	1	2	8	Utilities	Rad
0-AJ1 Foyer	1100	24	7	14	168	868	ballast 2	0.5	0.2	1	1	2	0.2	Utilities	Hazard
0-AJ1 Foyer	1100	24	7	14	168	868	bulbs 4	4	0.2	0.2	1	4	0.64	Utilities	Hazard
0-AJ1 Foyer	1100	24	7	14	168	868	instr. Panel	0.5	1	2	1	3	3	Utilities	Rad
0-AJ1 Foyer	1100	24	7	14	168	868	table	2	3	1	1	1	6	Remove Equip.	Rad
0-AJ1 Foyer	1100	24	7	14	168	868	racks	1.5	6	4	1	4	144	Remove Equip.	Rad
0-AJ1 Foyer	1100	24	7	14	168	868	TV Monitor	1	1	1	1	6	6	Remove Equip.	Rad
0-AJ1 Foyer	1100	24	7	14	168	868	miscell.	1.5	1.5	2	1	5	22.5	Remove Equip.	Rad
0-AJ1 Foyer	1100	24	7	14	168	868	pipe	0.5	0.5	15	0.9	1	3.375	Utilities	Rad
0-AJ1 Foyer	1100	24	7	14	168	868	pipe lead	0.5	0.5	15	0.1	1	0.375	Utilities	Hazard
0-AJ1 Foyer	1100	24	7	14	168	868	duct	0.2	1	20	0.5	1	2	Utilities	Rad
0-AJ1 Foyer	1100	24	7	14	168	868	duct	0.2	1	20	0.5	1	2	Utilities	Rad
0-AJ1 Restrm	1103	9	6	14	54	420	tile	14	6	0.02	1	1	1.68	Utilities	Asbestos
0-AJ1 Restrm	1103	9	6	14	54	420	toliet	2	2	7	1	1	28	Utilities	Rad
0-AJ1 Restrm	1103	9	6	14	54	420	sink 1	1	2	3	1	1	6	Utilities	Rad
0-AJ1 Restrm	1103	9	6	14	54	420	lights 2	4	2	0.5	1	2	8	Utilities	Rad
0-AJ1 Restrm	1103	9	6	14	54	420	ballast 2	0.5	0.2	1	1	2	0.2	Utilities	Hazard
0-AJ1 Restrm	1103	9	6	14	54	420	bulbs 4	4	0.2	0.2	1	4	0.64	Utilities	Hazard
0-AJ1 Restrm	1103	9	6	14	54	420	wall box 5	1	1	0.25	1	3	0.75	Remove Equip.	Rad
0-AJ1 Restrm	1103	9	6	14	54	420	miscell.	2	1.5	2	1	4	24	Remove Equip.	Rad
0-AJ1 Restrm	1103	9	6	14	54	420	pipe	0.5	0.5	15	0.9	8	27	Utilities	Rad
0-AJ1 Restrm	1103	9	6	14	54	420	pipe lead	0.5	0.5	15	0.1	8	3	Utilities	Hazard
0-AJ1 Restrm	1103	9	6	14	54	420	duct	0.2	1	20	0.5	1	2	Utilities	Rad
0-AJ1 Restrm	1103	9	6	14	54	420	duct	0.2	1	20	0.5	1	2	Utilities	Rad
		9	6	14											
0-AJ1 Copy Rm	1102	9	6	14	54	420	lights 2	4	2	0.5	1	2	8	Utilities	Rad
0-AJ1 Copy Rm	1102	9	6	14	54	420	ballast 2	0.5	0.2	1	1	2	0.2	Utilities	Hazard
0-AJ1 Copy Rm	1102	9	6	14	54	420	bulbs 4	4	0.2	0.2	1	4	0.64	Utilities	Hazard
0-AJ1 Copy Rm	1102	9	6	14	54	420	copier	2	2	3.5	1	1	14	Remove Equip.	Rad
0-AJ1 Copy Rm	1102	9	6	14	54	420	ladder	1	2	4	1	1	8	Remove Equip.	Rad
0-AJ1 Copy Rm	1102	9	6	14	54	420	shelve	1	3	4	1	1	12	Remove Equip.	Rad
0-AJ1 Copy Rm	1102	9	6	14	54	420	tile	14	6	0.02	1	1	1.68	Utilities	Asbestos
0-AJ1 Copy Rm	1102	9	6	14	54	420	elec/tele box	2	1	2	1	3	12	Utilities	Rad
0-AJ1 Copy Rm	1102	9	6	14	54	420	pipe	0.5	0.5	10	0.9	1	2.25	Utilities	Rad
0-AJ1 Copy Rm	1102	9	6	14	54	420	pipe lead	0.5	0.5	10	0.1	1	0.25	Utilities	Hazard
0-AJ1 Copy Rm	1102	9	6	14	54	420	conduit	0.1	0.1	10	1	1	0.1	Utilities	Rad
0-AJ1 Copy Rm	1102	9	6	14	54	420	miscell	1.5	1.5	3	1	1	6.75	Remove Equip.	Rad
0-AJ1 Copy Rm	1102	9	6	14	54	420	duct	0.2	1	15	0.5	1	1.5	Utilities	Rad

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
0-AJ1 Copy Rm	1102	9	6	14	54	420	duct	0.2	1	15	0.5	1	1.5	Utilities	Rad
0-AJ1 Con Point	1105 L	27	11	11	297	836	lights 8	4	2	0.5	1	8	32	Utilities	Rad
0-AJ1 Con Point	1105 L	27	11	11	297	836	ballast 8	0.5	0.2	1	1	8	0.8	Utilities	Hazard
0-AJ1 Con Point	1105 L	27	11	11	297	836	bulbs 16	4	0.2	0.2	1	16	2.56	Utilities	Hazard
0-AJ1 Con Point	1105 L	27	11	11	297	836	file 3	2	1.5	6	1	3	54	Remove Equip.	Rad
0-AJ1 Con Point	1105 L	27	11	11	297	836	desks 2	5	1	3	1	2	30	Remove Equip.	Rad
0-AJ1 Con Point	1105 L	27	11	11	297	836	chair 4	0.5	2	3	1	4	12	Remove Equip.	Rad
0-AJ1 Con Point	1105 L	27	11	11	297	836	table	2	3	1	1	1	6	Remove Equip.	Rad
0-AJ1 Con Point	1105 L	27	11	11	297	836	shelves	3	1	5	1	2	30	Remove Equip.	Rad
0-AJ1 Con Point	1105 L	27	11	11	297	836	register	1	4	6	1	2	48	Utilities	Rad
0-AJ1 Con Point	1105 L	27	11	11	297	836	blinds 2	5	0.5	0.5	1	2	2.5	Remove Equip.	Rad
0-AJ1 Con Point	1105 L	27	11	11	297	836	pipe	0.5	0.5	30	0.9	1	6.75	Utilities	Rad
0-AJ1 Con Point	1105 L	27	11	11	297	836	pipe lead	0.5	0.5	30	0.1	1	0.75	Utilities	Hazard
0-AJ1 Con Point	1105 L	27	11	11	297	836	ceiling	27	11	0.2	1	1	59.4	Utilities	Rad
0-AJ1 Con Point	1105 L	27	11	11	297	836	tile	27	11	0.02	1	1	5.94	Utilities	Rad
0-AJ1 Con Point	1105 L	27	11	11	297	836	conduit	0.1	0.1	60	1	1	0.6	Utilities	Rad
0-AJ1 Con Point	1105 L	27	11	11	297	836	Rad Monitors	2	5	7	1	2	140	Remove Equip.	Rad
0-AJ1 Con Point	1105 L	27	11	11	297	836	miscell	2	2	7	1	1	28	Remove Equip.	Rad
0-AJ1 Con Point	1105 L	27	11	11	297	836	duct	0.2	1	15	0.5	1	1.5	Utilities	Rad
0-AJ1 Con Point	1105 L	27	11	11	297	836	duct	0.2	1	15	0.5	1	1.5	Utilities	Rad
0-AJ1 Ct Rm	1105 J	15	14	11	210	638	lights 6	4	2	0.5	1	6	24	Utilities	Free Release
0-AJ1 Ct Rm	1105 J	15	14	11	210	638	ballast 6	0.5	0.2	1	1	6	0.6	Utilities	Hazard
0-AJ1 Ct Rm	1105 J	15	14	11	210	638	bulbs 12	4	0.2	0.2	1	12	1.92	Utilities	Hazard
0-AJ1 Ct Rm	1105 J	15	14	11	210	638	Gas Bottles	1	1	6	1	5	30	Remove Equip.	Rad
0-AJ1 Ct Rm	1105 J	15	14	11	210	638	desks 2	5	1	3	1	2	30	Remove Equip.	Rad
0-AJ1 Ct Rm	1105 J	15	14	11	210	638	chair 6	0.5	2	3	1	6	18	Remove Equip.	Rad
0-AJ1 Ct Rm	1105 J	15	14	11	210	638	table	2	3	1	1	2	12	Remove Equip.	Rad
0-AJ1 Ct Rm	1105 J	15	14	11	210	638	Drums	2	2	5	1	5	100	Remove Equip.	Rad
0-AJ1 Ct Rm	1105 J	15	14	11	210	638	register	1	4	6	1	3	72	Utilities	Rad
0-AJ1 Ct Rm	1105 J	15	14	11	210	638	blinds 2	5	0.5	0.5	1	2	2.5	Remove Equip.	Rad
0-AJ1 Ct Rm	1105 J	15	14	11	210	638	pipe	0.5	0.5	20	0.9	1	4.5	Utilities	Rad
0-AJ1 Ct Rm	1105 J	15	14	11	210	638	pipe lead	0.5	0.5	20	0.1	1	0.5	Utilities	Hazard
0-AJ1 Ct Rm	1105 J	15	14	11	210	638	ceiling	15	14	0.2	1	1	42	Utilities	Rad
0-AJ1 Ct Rm	1105 J	15	14	11	210	638	tile	15	14	0.02	1	1	4.2	Utilities	Rad
0-AJ1 Ct Rm	1105 J	15	14	11	210	638	conduit	0.1	0.1	30	1	1	0.3	Utilities	Rad
0-AJ1 Ct Rm	1105 J	15	14	11	210	638	miscell	2	2	3	1	1	12	Remove Equip.	Rad
0-AJ1 Ct Rm	1105 J	15	14	11	210	638	duct	0.2	1	15	0.5	1	1.5	Utilities	Rad
0-AJ1 Ct Rm	1105 J	15	14	11	210	638	duct	0.2	1	15	0.5	1	1.5	Utilities	Rad
0-AJ1 Store Rm	1105 A	15	9	14	135	672	lights 4	4	2	0.5	1	4	16	Utilities	Rad
0-AJ1 Store Rm	1105 A	15	9	14	135	672	ballast 4	0.5	0.2	1	1	4	0.4	Utilities	Hazard
0-AJ1 Store Rm	1105 A	15	9	14	135	672	bulbs 8	4	0.2	0.2	1	8	1.28	Utilities	Hazard

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
0-AJ1 Store Rm	1105 A	15	9	14	135	672	Cabinets	4	2	7	1	4	224	Remove Equip.	Rad
0-AJ1 Store Rm	1105 A	15	9	14	135	672	Racks	2	6	7	1	2	168	Remove Equip.	Rad
0-AJ1 Store Rm	1105 A	15	9	14	135	672	register	1	4	6	1	3	72	Utilities	Rad
0-AJ1 Store Rm	1105 A	15	9	14	135	672	pipe	0.5	0.5	20	0.9	1	4.5	Utilities	Rad
0-AJ1 Store Rm	1105 A	15	9	14	135	672	pipe lead	0.5	0.5	20	0.1	1	0.5	Utilities	Hazard
0-AJ1 Store Rm	1105 A	15	9	14	135	672	ceiling	15	9	0.2	1	1	27	Utilities	Rad
0-AJ1 Store Rm	1105 A	15	9	14	135	672	tile	15	9	0.02	1	1	2.7	Utilities	Rad
0-AJ1 Store Rm	1105 A	15	9	14	135	672	conduit	0.1	0.1	30	1	1	0.3	Utilities	Rad
0-AJ1 Store Rm	1105 A	15	9	14	135	672	miscell	2	2	3	1	1	12	Remove Equip.	Rad
0-AJ1 Store Rm	1105 A	15	9	14	135	672	duct	0.2	1	15	0.5	1	1.5	Utilities	Rad
0-AJ1 Store Rm	1105 A	15	9	14	135	672	duct	0.2	1	15	0.5	1	1.5	Utilities	Rad
0-AJ1 Store Rm	1105 B thru I	105	23	14	2415	3584	lights 32	4	2	0.5	1	32	128	Utilities	Rad
0-AJ1 Store Rm	1105 B thru I	105	23	14	2415	3584	ballast 32	0.5	0.2	1	1	32	3.2	Utilities	Hazard
0-AJ1 Store Rm	1105 B thru I	105	23	14	2415	3584	bulbs 64	4	0.2	0.2	1	64	10.24	Utilities	Hazard
0-AJ1 Store Rm	1105 B thru I	105	23	14	2415	3584	berry cans	10	7	6	1	1	420	Remove Equip.	Rad
0-AJ1 Store Rm	1105 B thru I	105	23	14	2415	3584	pallets	5	4	4	1	5	400	Remove Equip.	Rad
0-AJ1 Store Rm	1105 B thru I	105	23	14	2415	3584	floor dry	7	4	3.5	1	1	98	Remove Equip.	Rad
0-AJ1 Store Rm	1105 B thru I	105	23	14	2415	3584	register	1	4	6	1	17	408	Utilities	Rad
0-AJ1 Store Rm	1105 B thru I	105	23	14	2415	3584	blinds	5	0.5	0.5	1	7	8.75	Remove Equip.	Rad
0-AJ1 Store Rm	1105 B thru I	105	23	14	2415	3584	drums	2	2	5	1	7	140	Remove Equip.	Rad
0-AJ1 Store Rm	1105 B thru I	105	23	14	2415	3584	Rad Monitor	2	5	7	1	1	70	Remove Equip.	Rad
0-AJ1 Store Rm	1105 B thru I	105	23	14	2415	3584	B-25	5	4	6	1	1	120	Remove Equip.	Rad
0-AJ1 Store Rm	1105 B thru I	105	23	14	2415	3584	racks	3	7	0.5	1	4	42	Remove Equip.	Rad
0-AJ1 Store Rm	1105 B thru I	105	23	14	2415	3584	bin	4	4	4	1	1	64	Remove Equip.	Rad
0-AJ1 Store Rm	1105 B thru I	105	23	14	2415	3584	carts	3	6	2	1	3	108	Remove Equip.	Rad
0-AJ1 Store Rm	1105 B thru I	105	23	14	2415	3584	tank	6	6	5	1	1	180	Remove Equip.	Rad
0-AJ1 Store Rm	1105 B thru I	105	23	14	2415	3584	cabinet	3	1	3	1	2	18	Remove Equip.	Rad
0-AJ1 Store Rm	1105 B thru I	105	23	14	2415	3584	vacuums	2	2	3	1	2	24	Remove Equip.	Rad
0-AJ1 Store Rm	1105 B thru I	105	23	14	2415	3584	transform	2	2	4	1	4	64	Utilities	Hazard
0-AJ1 Store Rm	1105 B thru I	105	23	14	2415	3584	conduit	0.1	0.1	20	1	20	4	Utilities	Rad
0-AJ1 Store Rm	1105 B thru I	105	23	14	2415	3584	pipe	0.5	0.5	20	0.9	20	90	Utilities	Rad
0-AJ1 Store Rm	1105 B thru I	105	23	14	2415	3584	pipe lead	0.5	0.5	20	0.1	20	10	Utilities	Hazard
0-AJ1 Store Rm	1105 B thru I	105	23	14	2415	3584	miscell	4	4	3	1	1	48	Remove Equip.	Rad
0-AJ1 Store Rm	1105 B thru I	105	23	14	2415	3584	HEPAs	5	3	4	1	9	540	Remove Equip.	Rad
0-AJ1 Store Rm	1105 B thru I	105	23	14	2415	3584	duct baskets	1	2	1	1	9	18	Remove Equip.	Rad
0-AJ1 Store Rm	1105 B thru I	105	23	14	2415	3584	sump	3	3	14	1	1	126	Utilities	Rad
0-AJ1 Store Rm	1105 B thru I	105	23	14	2415	3584	duct	0.2	3	90	1	1	54	Utilities	Rad
0-AJ1 Old Chem Lab	1106	25	26	14	650	1428	lights 13	4	2	0.5	1	13	52	Utilities	Rad
0-AJ1 Old Chem Lab	1106	25	26	14	650	1428	ballast 13	0.5	0.2	1	1	13	1.3	Utilities	Hazard
0-AJ1 Old Chem Lab	1106	25	26	14	650	1428	bulbs 26	4	0.2	0.2	1	26	4.16	Utilities	Hazard
0-AJ1 Old Chem Lab	1106	25	26	14	650	1428	bin	4	4	4	1	14	896	Remove Equip.	Rad
0-AJ1 Old Chem Lab	1106	25	26	14	650	1428	drums	2	2	5	1	2	40	Remove Equip.	Rad

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
0-AJ1 Old Chem Lab	1106	25	26	14	650	1428	Cabinet	3	2	6	1	1	36	Remove Equip.	Rad
0-AJ1 Old Chem Lab	1106	25	26	14	650	1428	tile	25	26	0.02	1	1	13	Utilities	asbestos
0-AJ1 Old Chem Lab	1106	25	26	14	650	1428	Lab Bench	11	2.5	3	1	4	330	Remove Equip.	Rad
0-AJ1 Old Chem Lab	1106	25	26	14	650	1428	shelves	4	3	7	1	4	336	Remove Equip.	Rad
0-AJ1 Old Chem Lab	1106	25	26	14	650	1428	pipe	0.5	0.5	280	0.9	1	63	Utilities	Rad
0-AJ1 Old Chem Lab	1106	25	26	14	650	1428	pipe lead	0.5	0.5	280	0.1	1	7	Utilities	Hazard
0-AJ1 Old Chem Lab	1106	25	26	14	650	1428	conduit	0.1	0.1	570	1	1	5.7	Utilities	Rad
0-AJ1 Old Chem Lab	1106	25	26	14	650	1428	miscell	2	2	4	1	1	16	Remove Equip.	Rad
0-AJ1 Old Chem Lab	1106	25	26	14	650	1428	Elec Boxes	0.5	1	2	1	4	4	Utilities	Rad
0-AJ1 Old Chem Lab	1106	25	26	14	650	1428	duct	0.2	1	80	1	1	16	Utilities	Rad
0-AJ1 Hot Storage	1106 A	18	6	14	108	672	lights 2	4	2	0.5	1	2	8	Utilities	Rad
0-AJ1 Hot Storage	1106 A	18	6	14	108	672	ballast 2	0.5	0.2	1	1	2	0.2	Utilities	Hazard
0-AJ1 Hot Storage	1106 A	18	6	14	108	672	bulbs 4	4	0.2	0.2	1	4	0.64	Utilities	Hazard
0-AJ1 Hot Storage	1106 A	18	6	14	108	672	tile	18	6	0.02	1	3	6.48	Utilities	Asbestos
0-AJ1 Hot Storage	1106 A	18	6	14	108	672	shelves	0.5	3	3	5	1	22.5	Remove Equip.	Rad
0-AJ1 Hot Storage	1106 A	18	6	14	108	672	shelves	3	9	18	1	1	486	Remove Equip.	Rad
0-AJ1 Hot Storage	1106 A	18	6	14	108	672	Elec Box	2	3	1	1	1	6	Utilities	Rad
0-AJ1 Hot Storage	1106 A	18	6	14	108	672	Elev Drain	0.5	0.5	10	1	1	2.5	Utilities	Hazard
0-AJ1 Hot Storage	1106 A	18	6	14	108	672	pipe	0.5	0.5	40	0.9	1	9	Utilities	Rad
0-AJ1 Hot Storage	1106 A	18	6	14	108	672	pipe lead	0.5	0.5	40	0.1	1	1	Utilities	Hazard
0-AJ1 Hot Storage	1106 A	18	6	14	108	672	miscell	2	3	2	1	2	24	Remove Equip.	Rad
0-AJ1 Hot Storage	1106 A	18	6	14	108	672	conduit	0.1	0.1	25	1	1	0.25	Utilities	Rad
0-AJ1 Hot Storage	1106 A	18	6	14	108	672	duct	0.2	1	10	0.5	1	1	Utilities	Rad
0-AJ1 Micro Rm	1122	18	24	14	432	1176	lights	4	2	0.5	1	6	24	Utilities	Rad
0-AJ1 Micro Rm	1122	18	24	14	432	1176	ballast	0.5	0.2	1	1	6	0.6	Utilities	Hazard
0-AJ1 Micro Rm	1122	18	24	14	432	1176	bulbs	4	0.2	0.2	1	12	1.92	Utilities	Hazard
0-AJ1 Micro Rm	1122	18	24	14	432	1176	ceiling	2	4	0.2	1	16	25.6	Utilities	Rad
0-AJ1 Micro Rm	1122	18	24	14	432	1176	Fume Hood	6	5	8	1	1	240	Utilities	Rad
0-AJ1 Micro Rm	1122	18	24	14	432	1176	Lab Bench	2.5	2.5	25	1	1	156.25	Utilities	Rad
0-AJ1 Micro Rm	1122	18	24	14	432	1176	NFS Enclos	24	0.5	9	1	1	108	Remove Equip.	Rad
0-AJ1 Micro Rm	1122	18	24	14	432	1176	Elec Box	0.5	4	1.5	1	1	3	Utilities	Rad
0-AJ1 Micro Rm	1122	18	24	14	432	1176	Elev Drain	0.5	0.5	10	1	1	2.5	Utilities	Hazard
0-AJ1 Micro Rm	1122	18	24	14	432	1176	pipe	0.5	0.5	200	0.9	1	45	Utilities	Rad
0-AJ1 Micro Rm	1122	18	24	14	432	1176	pipe lead	0.5	0.5	200	0.1	1	5	Utilities	Hazard
0-AJ1 Micro Rm	1122	18	24	14	432	1176	miscell	2	2	2	1	2	16	Remove Equip.	Rad
0-AJ1 Micro Rm	1122	18	24	14	432	1176	conduit	0.1	0.1	400	1	1	4	Utilities	Rad
0-AJ1 Micro Rm	1122	18	24	14	432	1176	duct	0.2	1	40	0.5	1	4	Utilities	Rad
0-AJ1 Micro Rm	1122 A	12	24	14	288	1008	lights 6	4	2	0.5	1	4	16	Utilities	Rad
0-AJ1 Micro Rm	1122 A	12	24	14	288	1008	bulbs 6	4	0.2	0.2	1	4	0.64	Utilities	Hazard
0-AJ1 Micro Rm	1122 A	12	24	14	288	1008	ceiling	12	24	0.2	1	16	921.6	Utilities	Rad
0-AJ1 Micro Rm	1122 A	12	24	14	288	1008	rack	3	0.5	5	1	1	7.5	Remove Equip.	Rad
0-AJ1 Micro Rm	1122 A	12	24	14	288	1008	Tables	2	5	1	1	4	40	Remove Equip.	Rad

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0-AJ1 Micro Rm	1122 A	12	24	14	288	1008	Lab Bench	2.5	2.5	21	1	1	131.25	Utilities	Rad
0-AJ1 Micro Rm	1122 A	12	24	14	288	1008	Jib Crane	1	1	25	1	1	25	Utilities	Rad
0-AJ1 Micro Rm	1122 A	12	24	14	288	1008	Cabinet	1.5	3	6	1	1	27	Remove Equip.	Rad
0-AJ1 Micro Rm	1122 A	12	24	14	288	1008	Counting Cave	3	4	4	1	1	48	Remove Equip.	Hazard
0-AJ1 Micro Rm	1122 A	12	24	14	288	1008	drum	2	2	5	1	1	20	Remove Equip.	Rad
0-AJ1 Micro Rm	1122 A	12	24	14	288	1008	pipe	0.5	0.5	100	0.9	1	22.5	Utilities	Rad
0-AJ1 Micro Rm	1122 A	12	24	14	288	1008	pipe lead	0.5	0.5	100	0.1	1	2.5	Utilities	Hazard
0-AJ1 Micro Rm	1122 A	12	24	14	288	1008	miscell	2	2	3	1	2	24	Remove Equip.	Rad
0-AJ1 Micro Rm	1122 A	12	24	14	288	1008	conduit	0.1	0.1	200	1	1	2	Utilities	Rad
0-AJ1 Micro Rm	1122 A	12	24	14	288	1008	duct	0.2	1	40	0.5	1	4	Utilities	Rad
0-AJ1 Mech Rm	1123	22	26	14	572	1344	cabinet	6	2	3	1	2	72	Remove Equip.	Rad
0-AJ1 Mech Rm	1123	22	26	14	572	1344	duct	0.2	1.5	26	1	4	31.2	Utilities	Rad
0-AJ1 Mech Rm	1123	22	26	14	572	1344	conduit	20	0.25	0.25	1	100	125	Utilities	Rad
0-AJ1 Mech Rm	1123	22	26	14	572	1344	pipe	0.5	0.5	30	0.9	75	506.25	Utilities	Rad
0-AJ1 Mech Rm	1123	22	26	14	572	1344	pipe asbestos	0.5	0.5	25	1	20	125	Utilities	Asbestos
0-AJ1 Mech Rm	1123	22	26	14	572	1344	pipe lead	0.5	0.5	30	22	75	12375	Utilities	Hazard
0-AJ1 Mech Rm	1123	22	26	14	572	1344	miscell.	2	2	4	1	1	16	Remove Equip.	Rad
0-AJ1 Mech Rm	1123	22	26	14	572	1344	lights merc	4	2	0.5	1	8	32	Utilities	Rad
0-AJ1 Mech Rm	1123	22	26	14	572	1344	ballast 8	0.5	0.2	1	1	8	0.8	Utilities	Hazard
0-AJ1 Mech Rm	1123	22	26	14	572	1344	bulbs 8	4	0.2	0.2	1	8	1.28	Utilities	Hazard
0-AJ1 Mech Rm	1123	22	26	14	572	1344	elec box	0.5	2	4	1	7	28	Utilities	Rad
0-AJ1 Mech Rm	1123	22	26	14	572	1344	elev drain	0.25	0.25	150	1	2	18.75	Utilities	Hazard
0-AJ1 Mech Rm	1123	22	26	14	572	1344	ladder	3	0.5	16	1	1	24	Remove Equip.	Rad
0-AJ1 Mech Rm	1123	22	26	14	572	1344	chiller	2	4	10	1	1	80	Utilities	Rad
0-AJ1 Mech Rm	1123	22	26	14	572	1344	tanks	2	2	6	1	4	96	Utilities	Rad
0-AJ1 Mech Rm	1123	22	26	14	572	1344	water pump	3	1	1	1	2	6	Utilities	Rad
0-AJ1 Mech Rm	1123	22	26	14	572	1344	rack	0.5	0.5	30	1	1	7.5	Remove Equip.	Rad
0-AJ1 Mech Rm	1123	22	26	14	572	1344	chair steps	2	2	2	1	2	16	Utilities	Rad
0-AJ1 Mech Rm	1123	22	26	14	572	1344	boiler	5	5	12	1	1	300	Utilities	Rad
0-AJ1 Mech Rm	1123	22	26	14	572	1344	boiler	1	0.5	0.25	1	500	62.5	Utilities	Hazard
0-AJ1 Mech Rm	1123	22	26	14	572	1344	water heater	1.5	1.5	5	1	1	11.25	Utilities	Rad
0-AJ1 Mech Rm	1123	22	26	14	572	1344	air comp	2	2	5	1	2	40	Utilities	Rad
0-AJ1 Bk Mach Rm	1121A	16	14	17	224	1020	pipe asbestos	80	0.5	0.5	1	1	20	Utilities	Asbestos
0-AJ1 Bk Mach Rm	1121A	16	14	17	224	1020	conduit	140	0.1	0.1	1	1	1.4	Utilities	Rad
0-AJ1 Bk Mach Rm	1121A	16	14	17	224	1020	pipe	100	0.25	0.25	1	0.9	5.625	Utilities	Rad
0-AJ1 Bk Mach Rm	1121A	16	14	17	224	1020	pipe lead	100	0.25	0.25	1	0.1	0.625	Utilities	Hazard
0-AJ1 Bk Mach Rm	1121A	16	14	17	224	1020	benches	32	3	3	1	1	288	Remove Equip.	Rad
0-AJ1 Bk Mach Rm	1121A	16	14	17	224	1020	cabinets	4	8	3	1	4	384	Remove Equip.	Rad
0-AJ1 Bk Mach Rm	1121A	16	14	17	224	1020	lights	4	2	1	1	3	24	Utilities	Rad
0-AJ1 Bk Mach Rm	1121A	16	14	17	224	1020	ballast	4	0.2	1	1	3	2.4	Utilities	Hazard
0-AJ1 Bk Mach Rm	1121A	16	14	17	224	1020	bulbs	4	0.2	0.2	1	12	1.92	Utilities	Hazard
0-AJ1 Bk Mach Rm	1121A	16	14	17	224	1020	ladder	25	2	2	1	1	100	Utilities	Rad

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0-AJ1 Bk Mach Rm	1121A	16	14	17	224	1020	miscell.	4	2	2	1	3	48	Remove Equip.	Rad
0-AJ1 Fan Mach Rm	1121B	14	12	17	168	884	pipe asbestos	360	0.5	0.5	1	1	90	Utilities	Asbestos
0-AJ1 Fan Mach Rm	1121B	14	12	17	168	884	duct	250	0.15	6	1	1	225	Utilities	Rad
0-AJ1 Fan Mach Rm	1121B	14	12	17	168	884	conduit	110	0.25	0.25	1	1	6.875	Utilities	Rad
0-AJ1 Fan Mach Rm	1121B	14	12	17	168	884	pipe	40	0.25	0.25	1	0.9	2.25	Utilities	Rad
0-AJ1 Fan Mach Rm	1121B	14	12	17	168	884	pipe lead	40	0.25	0.25	1	0.1	0.25	Utilities	Hazard
0-AJ1 Fan Mach Rm	1121B	14	12	17	168	884	elect box	2	2	0.5	1	2	4	Utilities	Rad
0-AJ1 Fan Mach Rm	1121B	14	12	17	168	884	HVAC unit	10	10	10	1	1	1000	Utilities	Rad
0-AJ1 Fan Mach Rm	1121B	14	12	17	168	884	lights	4	2	1	1	3	24	Utilities	Rad
0-AJ1 Fan Mach Rm	1121B	14	12	17	168	884	ballast 3	4	0.2	1	1	3	2.4	Utilities	Hazard
0-AJ1 Fan Mach Rm	1121B	14	12	17	168	884	bulbs	4	0.2	0.2	1	12	1.92	Utilities	Hazard
0-AJ1 LockerRm	1107	16	16	14	256	896	duct	16	0.3	5	0.5	2	24	Utilities	Rad
0-AJ1 LockerRm	1107	16	16	14	256	896	pipe	16	0.5	0.5	0.9	24	86.4	Utilities	Rad
0-AJ1 LockerRm	1107	16	16	14	256	896	pipe lead	16	0.5	0.5	0.1	24	9.6	Utilities	Hazard
0-AJ1 LockerRm	1107	16	16	14	256	896	miscell.	2	2	2	1	6	48	Remove Equip.	Rad
0-AJ1 LockerRm	1107	16	16	14	256	896	pipe asbestos	60	0.5	0.5	1	1	15	Utilities	Asbestos
0-AJ1 LockerRm	1107	16	16	14	256	896	tile asbestos	16	16	0.02	1	1	5.12	Utilities	Asbestos
0-AJ1 LockerRm	1107	16	16	14	256	896	lights	4	2	1	1	4	32	Utilities	Rad
0-AJ1 LockerRm	1107	16	16	14	256	896	ballast	0.5	0.2	1	1	4	0.4	Utilities	Hazard
0-AJ1 LockerRm	1107	16	16	14	256	896	bulbs	4	0.2	0.2	1	8	1.28	Utilities	Hazard
0-AJ1 LockerRm	1107	16	16	14	256	896	conduit	16	0.1	0.1	1	15	2.4	Utilities	Rad
0-AJ1 LockerRm	1107	16	16	14	256	896	elev drain	0.5	0.5	24	1	1	6	Utilities	Hazard
0-AJ1 LockerRm	1107	16	16	14	256	896	bench	7	3	0.5	1	1	10.5	Remove Equip.	Rad
0-AJ1 LockerRm	1107	16	16	14	256	896	chair	2	2	2	1	1	8	Remove Equip.	Rad
0-AJ1 LockerRm	1107	16	16	14	256	896	dispenser	2	0.25	2	1	2	2	Remove Equip.	Rad
0-AJ1 LockerRm	1107	16	16	14	256	896	locker	6.5	1.5	1	1	24	234	Remove Equip.	Rad
0-AJ1 LockerRm	1107	16	16	14	256	896	mirrors	3	2	0.1	1	2	1.2	Remove Equip.	Rad
0-AJ1 LockerRm	1107	16	16	14	256	896	partition	6	0.1	5	1	1	3	Remove Equip.	Rad
0-AJ1 LockerRm	1107	16	16	14	256	896	racks	7	3	1.5	1	6	189	Remove Equip.	Rad
0-AJ1Hot Men's Rm	1108	16	12	14	192	784	lights	4	2	0.5	1	3	12	Utilities	Rad
0-AJ1Hot Men's Rm	1108	16	12	14	192	784	ballast	0.5	0.2	1	1	3	0.3	Utilities	Hazard
0-AJ1Hot Men's Rm	1108	16	12	14	192	784	bulbs	4	0.2	0.2	1	6	0.96	Utilities	Hazard
0-AJ1Hot Men's Rm	1108	16	12	14	192	784	duct	30	1.5	0.2	1	1	9	Utilities	Rad
0-AJ1Hot Men's Rm	1108	16	12	14	192	784	tile	16	12	0.02	1	1	3.84	Utilities	Asbestos
0-AJ1Hot Men's Rm	1108	16	12	14	192	784	conduit	150	0.1	0.1	1	1	1.5	Utilities	Rad
0-AJ1Hot Men's Rm	1108	16	12	14	192	784	cart	3	2	1	1	4	24	Remove Equip.	Rad
0-AJ1Hot Men's Rm	1108	16	12	14	192	784	miscell.	2	2	2	1	7	56	Remove Equip.	Rad
0-AJ1Hot Men's Rm	1108	16	12	14	192	784	racks	3	2	7	1	5	210	Remove Equip.	Rad
0-AJ1Hot Men's Rm	1108	16	12	14	192	784	bins	3	2	2	1	2	24	Remove Equip.	Rad
0-AJ1Hot Men's Rm	1108	16	12	14	192	784	drum	5	2	2	1	1	20	Remove Equip.	Rad
0-AJ1Hot Men's Rm	1108	16	12	14	192	784	pipe	100	0.5	0.5	0.9	20	450	Utilities	Rad

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0-AJ1Hot Men's Rm	1108	16	12	14	192	784	pipe lead	100	0.5	0.5	0.1	1	2.5	Utilities	Hazard
0-AJ1Hot Men's Rm	1108	16	12	14	192	784	pipe asbestos	20	0.5	0.5	0.1	1	0.5	Utilities	Asbestos
0-AJ1Hot Men's Rm	1108	16	12	14	192	784	transform.	4	2	2	1	1	16	Utilities	Hazard
0-AJ1 Mach Shp	1121-1	34	29	17	986	2142	pipe asbestos	200	0.5	0.5	1	1	50	Utilities	Asbestos
0-AJ1 Mach Shp	1121-1	34	29	17	986	2142	pipe	25	0.5	0.5	0.9	38	213.75	Utilities	Rad
0-AJ1 Mach Shp	1121-1	34	29	17	986	2142	pipe lead	25	0.5	0.5	0.1	38	23.75	Utilities	Hazard
0-AJ1 Mach Shp	1121-1	34	29	17	986	2142	miscell	2	2	2	1	3	24	Remove Equip.	Rad
0-AJ1 Mach Shp	1121-1	34	29	17	986	2142	duct	87	0.1	1	1	1	8.7	Utilities	Hazard
0-AJ1 Mach Shp	1121-1	34	29	17	986	2142	duct	87	0.1	1	1	1	8.7	Utilities	Rad
0-AJ1 Mach Shp	1121-1	34	29	17	986	2142	conduit	500	0.1	0.1	1	1	5	Utilities	Rad
0-AJ1 Mach Shp	1121-1	34	29	17	986	2142	dock bumper	2	1	12	1	1	24	Remove Equip.	Rad
0-AJ1 Mach Shp	1121-1	34	29	17	986	2142	curtains wall items	1	1	1	1	200	200	Remove Equip.	Rad
0-AJ1 Mach Shp	1121-1	34	29	17	986	2142	sump	3	3	14	1	1	126	Utilities	Rad
0-AJ1 Mach Shp	1121-1	34	29	17	986	2142	benches	30	3	3	1	3	810	Remove Equip.	Rad
0-AJ1 Mach Shp	1121-1	34	29	17	986	2142	cabinet	4	3	8	1	10	960	Remove Equip.	Rad
0-AJ1 Mach Shp	1121-1	34	29	17	986	2142	cabinet	4	3	4	1	2	96	Remove Equip.	Hazard
0-AJ1 Mach Shp	1121-1	34	29	17	986	2142	lights	4	2	0.5	1	33	132	Utilities	Rad
0-AJ1 Mach Shp	1121-1	34	29	17	986	2142	ballast	0.5	0.2	1	1	33	3.3	Utilities	Hazard
0-AJ1 Mach Shp	1121-1	34	29	17	986	2142	bulbs	4	0.2	0.2	1	132	21.12	Utilities	Hazard
0-AJ1 Mach Shp	1121-1	34	29	17	986	2142	electrical boxes	2	0.5	4	1	4	16	Utilities	Rad
0-AJ1 Mach Shp	1121-1	34	29	17	986	2142	lathes & presses	10	3	12	1	7	2520	Remove Equip.	Rad
0-AJ1 Mach Shp	1121-1	34	29	17	986	2142	welders & grinders	3	3	3	1	3	81	Remove Equip.	Rad
0-AJ1 Mach Shp	1121-1	34	29	17	986	2142	stairs	5	4	4	1	3	240	Utilities	Rad
0-AJ1 Mach Shp	1121-1	34	29	17	986	2142	drums	5	2	2	1	3	60	Remove Equip.	Rad
0-AJ1 Mach Shp	1121-1	34	29	17	986	2142	toolbox	6	3	4	1	2	144	Remove Equip.	Rad
0-AJ1 Mach Shp	1121-1	34	29	17	986	2142	transform.	4	2	2	1	1	16	Utilities	Hazard
0-AJ1Ops HLC Side	1112-1	44	18	19	792	2356	lights	2	2	0.5	1	5	10	Utilities	Rad
0-AJ1Ops HLC Side	1112-1	44	18	19	792	2356	ballast	0.5	0.2	1	1	5	0.5	Utilities	Hazard
0-AJ1Ops HLC Side	1112-1	44	18	19	792	2356	bulbs	4	0.2	0.2	1	7	1.12	Utilities	Hazard
0-AJ1Ops HLC Side	1112-1	44	18	19	792	2356	pipe	100	0.5	0.5	0.9	12	270	Utilities	Rad
0-AJ1Ops HLC Side	1112-1	44	18	19	792	2356	pipe lead	100	0.5	0.5	0.1	12	30	Utilities	Hazard
0-AJ1Ops HLC Side	1112-1	44	18	19	792	2356	miscell.	2	2	2	1	3	24	Remove Equip.	Rad
0-AJ1Ops HLC Side	1112-1	44	18	19	792	2356	electrical boxes	1	2	2	1	14	56	Utilities	Rad
0-AJ1Ops HLC Side	1112-1	44	18	19	792	2356	tile asbestos	44	18	0.02	1	1	15.84	Utilities	Asbestos
0-AJ1Ops HLC Side	1112-1	44	18	19	792	2356	duct	15	0.5	5	1	1	37.5	Utilities	Rad
0-AJ1Ops HLC Side	1112-1	44	18	19	792	2356	conduit	100	0.1	0.1	1	10	10	Utilities	Rad
0-AJ1Ops HLC Side	1112-1	44	18	19	792	2356	tansformer	2	2	4	1	1	16	Utilities	Hazard
0-AJ1Ops HLC Side	1112-1	44	18	19	792	2356	chair	2	2	2	1	4	32	Remove Equip.	Rad
0-AJ1Ops HLC Side	1112-1	44	18	19	792	2356	desk	2.5	5	3.5	1	2	87.5	Remove Equip.	Rad
0-AJ1Ops HLC Side	1112-1	44	18	19	792	2356	NFS Enclos	5	4	10	1	1	200	Remove Equip.	Rad
0-AJ1Ops HLC Side	1112-1	44	18	19	792	2356	catwalk	3	3	25	1	1	225	Remove Equip.	Rad
0-AJ1Ops HLC Side	1112-1	44	18	19	792	2356	Stairs	8	3	3	1	1	72	Remove Equip.	Rad

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
0-AJ1Ops HLC Side	1112-1	44	18	19	792	2356	jib crane	40	1	1	1	1	40	Utilities	Rad
0-AJ1Ops HLC Side	1112-1	44	18	19	792	2356	laundry carts	4	4	5	1	4	320	Remove Equip.	Rad
0-AJ1Ops HLC Side	1112-1	44	18	19	792	2356	manipulator/parts	20	0.5	0.5	0.8	5	20	Remove Equip.	Rad
0-AJ1Ops HLC Side	1112-1	44	18	19	792	2356	manipulator/parts	20	0.5	0.5	0.2	5	5	Remove Equip.	Hazard
0-AJ1Ops HLC Side	1112-1	44	18	19	792	2356	table	3	6	1	1	1	18	Remove Equip.	Rad
0-AJ1Ops HLC Side	1112-1	44	18	19	792	2356	steel plates	2	4	3	1	1	24	Remove Equip.	Rad
0-AJ1Ops HLC Side	1112-1	44	18	19	792	2356	drums	2	2	5	1	2	40	Remove Equip.	Rad
0-AJ1Ops HLC Side	1112-1	44	18	19	792	2356	toolbox	2	5	4	1	1	40	Remove Equip.	Rad
0-AJ1Ops Front Cell	1112-2	24	18	34	432	2856	pipe	100	0.5	0.5	0.9	28	630	Utilities	Rad
0-AJ1Ops Front Cell	1112-2	24	18	34	432	2856	pipe lead	100	0.5	0.5	0.1	28	70	Utilities	Hazard
0-AJ1Ops Front Cell	1112-2	24	18	34	432	2856	pipe asbestos	30	0.5	0.5	1	13	97.5	Utilities	Asbestos
0-AJ1Ops Front Cell	1112-2	24	18	34	432	2856	tile asbestos	24	18	0.02	1	1	8.64	Utilities	Asbestos
0-AJ1Ops Front Cell	1112-2	24	18	34	432	2856	duct	10	1	0.2	1	20	40	Utilities	Rad
0-AJ1Ops Front Cell	1112-2	24	18	34	432	2856	stairs	64	3	3	1	1	576	Utilities	Rad
0-AJ1Ops Front Cell	1112-2	24	18	34	432	2856	conduit	50	0.1	0.1	1	41	20.5	Utilities	Rad
0-AJ1Ops Front Cell	1112-2	24	18	34	432	2856	cross beams	180	1	1	1	1	180	Utilities	Rad
0-AJ1Ops Front Cell	1112-2	24	18	34	432	2856	elev drains	40	0.5	0.5	1	1	10	Utilities	Hazard
0-AJ1Ops Front Cell	1112-2	24	18	34	432	2856	cabinets	6	1.5	3	1	2	54	Remove Equip.	Rad
0-AJ1Ops Front Cell	1112-2	24	18	34	432	2856	carts	1.5	3	1.5	1	2.5	16.875	Remove Equip.	Rad
0-AJ1Ops Front Cell	1112-2	24	18	34	432	2856	electric boxes	0.5	1	2	1	8	8	Utilities	Rad
0-AJ1Ops Front Cell	1112-2	24	18	34	432	2856	Transform	2	2	4	1	3	48	Utilities	Hazard
0-AJ1Ops Front Cell	1112-2	24	18	34	432	2856	heaters	6	6	2	1	3	216	Utilities	Rad
0-AJ1Ops Front Cell	1112-2	24	18	34	432	2856	HVAC unit	5	3	3	1	1	45	Utilities	Rad
0-AJ1Ops Front Cell	1112-2	24	18	34	432	2856	manipulator/parts	20	0.5	0.5	0.8	4	16	Remove Equip.	Rad
0-AJ1Ops Front Cell	1112-2	24	18	34	432	2856	manipulator/parts	20	0.5	0.5	0.2	4	4	Remove Equip.	Hazard
0-AJ1Ops Front Cell	1112-2	24	18	34	432	2856	wireway	1	1	120	1	1	120	Utilities	Rad
0-AJ1Ops Front Cell	1112-2	24	18	34	432	2856	substation	12	12	5	1	1	720	Utilities	Rad
0-AJ1Ops Front Cell	1112-2	24	18	34	432	2856	Garage springs	2	2	2	1	1	8	Utilities	Rad
0-AJ1Ops Front Cell	1112-2	24	18	34	432	2856	lights	2	2	0.5	1	10	20	Utilities	Rad
0-AJ1Ops Front Cell	1112-2	24	18	34	432	2856	ballast	0.5	0.2	1	1	10	1	Utilities	Hazard
0-AJ1Ops Front Cell	1112-2	24	18	34	432	2856	bulbs	4	0.2	0.2	1	20	3.2	Utilities	Hazard
0-AJ1Ops Front Cell	1112-2	24	18	34	432	2856	miscell.	2	2	2	1	3	24	Remove Equip.	Rad
0-AJ1Ops LLC Side	1112-3	42	18	19	756	2280	pipe asbestos	150	0.5	0.5	1	1	37.5	Utilities	Asbestos
0-AJ1Ops LLC Side	1112-3	42	18	19	756	2280	tile asbestos	42	18	0.02	1	1	15.12	Utilities	Asbestos
0-AJ1Ops LLC Side	1112-3	42	18	19	756	2280	stairs	21	2.5	1	1	1	52.5	Utilities	Rad
0-AJ1Ops LLC Side	1112-3	42	18	19	756	2280	conduit	30	0.1	0.1	1	59	17.7	Utilities	Rad
0-AJ1Ops LLC Side	1112-3	42	18	19	756	2280	cross beams	100	1	1	1	1	100	Utilities	Rad
0-AJ1Ops LLC Side	1112-3	42	18	19	756	2280	pipe lead	250	0.5	0.5	0.1	6	37.5	Utilities	Hazard
0-AJ1Ops LLC Side	1112-3	42	18	19	756	2280	pipe	250	0.5	0.5	0.9	6	337.5	Utilities	Rad
0-AJ1Ops LLC Side	1112-3	42	18	19	756	2280	chairs	2	2	2	1	3	24	Remove Equip.	Rad
0-AJ1Ops LLC Side	1112-3	42	18	19	756	2280	desk & tables	5	2.5	2.5	1	3	93.75	Remove Equip.	Rad
0-AJ1Ops LLC Side	1112-3	42	18	19	756	2280	electric boxes	1.5	1	1	1	25	37.5	Utilities	Rad

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0-AJ1Ops LLC Side	1112-3	42	18	19	756	2280	heater unit	4	5	4	1	1	80	Utilities	Rad
0-AJ1Ops LLC Side	1112-3	42	18	19	756	2280	instrument panel	7	1.5	3	1	1	31.5	Utilities	Rad
0-AJ1Ops LLC Side	1112-3	42	18	19	756	2280	lights	2	2	0.5	1	9	18	Utilities	Rad
0-AJ1Ops LLC Side	1112-3	42	18	19	756	2280	ballast	0.5	0.2	1	1	9	0.9	Utilities	Hazard
0-AJ1Ops LLC Side	1112-3	42	18	19	756	2280	bulbs	4	0.2	0.2	1	18	2.88	Utilities	Hazard
0-AJ1Ops LLC Side	1112-3	42	18	19	756	2280	manipultor	20	0.5	0.5	0.8	4	16	Remove Equip.	Rad
0-AJ1Ops LLC Side	1112-3	42	18	19	756	2280	manipultor	20	0.5	0.5	0.2	4	4	Remove Equip.	Hazard
0-AJ1Ops LLC Side	1112-3	42	18	19	756	2280	Transform	2	2	4	1	2	32	Utilities	Hazard
0-AJ1Ops LLC Side	1112-3	42	18	19	756	2280	Wireway	1	1	60	1	1	60	Utilities	Rad
0-AJ1Ops LLC Side	1112-3	42	18	19	756	2280	Tank Cart	2	2	5	1	1	20	Utilities	Rad
0-AJ1Ops LLC Side	1112-3	42	18	19	756	2280	ladder	20	2	2	1	2	160	Utilities	Rad
0-AJ1Ops LLC Side	1112-3	42	18	19	756	2280	miscell.	2	2	2	1	2	16	Remove Equip	Rad
0-AJ1Ops LLC Side	1112-3	42	18	19	756	2280	platform lift	3	5	1.5	1	6	135	Remove Equip	Rad
0-AJ1Ops LLC Side	1112-3	42	18	19	756	2280	unit heaters	5	3	3	1	2	90	Utilities	Rad
0-AJ1Ops MTC Side	1112-D	20	11	19	220	1178	pipe asbestos	40	0.5	0.5	1	1	10	Utilities	Asbestos
0-AJ1Ops MTC Side	1112-D	20	11	19	220	1178	pipe	50	0.5	0.5	0.9	1	11.25	Utilities	Rad
0-AJ1Ops MTC Side	1112-D	20	11	19	220	1178	pipe lead	50	0.5	0.5	0.1	1	1.25	Utilities	Hazard
0-AJ1Ops MTC Side	1112-D	20	11	19	220	1178	tile asbestos	20	11	0.02	1	1	4.4	Remove Equip.	Asbestos
0-AJ1Ops MTC Side	1112-D	20	11	19	220	1178	conduit	170	0.1	0.1	1	1	1.7	Utilities	Rad
0-AJ1Ops MTC Side	1112-D	20	11	19	220	1178	cross beams	190	1	1	1	1	190	Utilities	Rad
0-AJ1Ops MTC Side	1112-D	20	11	19	220	1178	elev drain	19	0.5	0.5	1	1	4.75	Utilities	Hazard
0-AJ1Ops MTC Side	1112-D	20	11	19	220	1178	Light	2	2	0.5	1	1	2	Utilities	Rad
0-AJ1Ops MTC Side	1112-D	20	11	19	220	1178	Ballast	0.5	0.2	1	1	1	0.1	Utilities	Hazard
0-AJ1Ops MTC Side	1112-D	20	11	19	220	1178	Bulbs	4	0.2	0.2	1	2	0.32	Utilities	Hazard
0-AJ1Ops MTC Side	1112-D	20	11	19	220	1178	herculite rolls	5	1.5	4	1	1	30	Remove Equip.	Rad
0-AJ1Ops MTC Side	1112-D	20	11	19	220	1178	manipultor	20	0.5	0.5	0.8	4	16	Remove Equip.	Rad
0-AJ1Ops MTC Side	1112-D	20	11	19	220	1178	manipultor	20	0.5	0.5	0.2	4	4	Remove Equip.	Hazard
0-AJ1Ops MTC Side	1112-D	20	11	19	220	1178	miscell.	2	2	2	1	2	16	Remove Equip.	Rad
0-AJ1Ops MTC Side	1112-D	20	11	19	220	1178	podium	4	1	1	1	1	4	Remove Equip.	Rad
0-AJ1Ops Stairwell	1112-A	5	5	14	25	280	tile asbestos	5	5	0.02	1	1	0.5	Utilities	Asbestos
0-AJ1Ops Stairwell	1112-A	5	5	14	25	280	miscell.	1	1	1	1	5	5	Remove Equip.	Rad
0-AJ1Ops Stairwell	1112-A	5	5	14	25	280	light	4	2	0.5	1	1	4	Utilities	Rad
0-AJ1Ops Stairwell	1112-A	5	5	14	25	280	ballast	0.5	0.2	1	1	1	0.1	Utilities	Hazard
0-AJ1Ops Stairwell	1112-A	5	5	14	25	280	bulbs 4	4	0.2	0.2	1	4	0.64	Utilities	Hazard
0-AJ1 Laundry	1112-B	9	9	14	81	504	pipe asbestos	24	0.5	0.5	1	1	6	Utilities	Asbestos
0-AJ1 Laundry	1112-B	9	9	14	81	504	tile asbestos	9	9	0.02	1	1	1.62	Utilities	Asbestos
0-AJ1 Laundry	1112-B	9	9	14	81	504	Coolers	2	3	2	1	4	48	Remove Equip.	Rad
0-AJ1 Laundry	1112-B	9	9	14	81	504	duct	6	0.5	0.5	1	1	1.5	Utilities	Rad
0-AJ1 Laundry	1112-B	9	9	14	81	504	conduit	70	0.1	0.1	1	1	0.7	Utilities	Rad
0-AJ1 Laundry	1112-B	9	9	14	81	504	pipe	50	0.5	0.5	0.9	1	11.25	Utilities	Rad
0-AJ1 Laundry	1112-B	9	9	14	81	504	pipe lead	50	0.5	0.5	0.1	1	1.25	Utilities	Hazard

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0-AJ1 Laundry	1112-B	9	9	14	81	504	elev drains	19	0.5	0.5	1	1	4.75	Utilities	Hazard
0-AJ1 Laundry	1112-B	9	9	14	81	504	hose racks	3	1	4	1	5	60	Remove Equip.	Rad
0-AJ1 Laundry	1112-B	9	9	14	81	504	register	3	0.5	3	1	1	4.5	Remove Equip.	Rad
0-AJ1 Laundry	1112-B	9	9	14	81	504	laundry & miscell.	2	2	4	1	4	64	Remove Equip.	Rad
0-AJ1 Laundry	1112-B	9	9	14	81	504	scale	2	3	1	1	1	6	Remove Equip.	Rad
0-AJ1 Laundry	1112-B	9	9	14	81	504	light	4	2	0.5	1	1	4	Utilities	Rad
0-AJ1 Laundry	1112-B	9	9	14	81	504	ballast	0.5	0.2	1	1	1	0.1	Utilities	Hazard
0-AJ1 Laundry	1112-B	9	9	14	81	504	bulbs	4	0.2	0.2	1	2	0.32	Utilities	Hazard
0-AJ1 Laundry	1112-B	9	9	14	81	504	Racks	2	3	8	1	2	96	Remove Equip.	Rad
0-AJ1 Laundry	1112-B	9	9	14	81	504	Bins	2	2	3	1	2	24	Remove Equip.	Rad
0-AJ1 MTCMez	1112	11	20	8	220	496	pipe asbestos	10	0.5	0.5	1	1	2.5	Utilities	Asbestos
0-AJ1 MTCMez	1112	11	20	8	220	496	duct	40	1	0.5	1	1	20	Utilities	Rad
0-AJ1 MTCMez	1112	11	20	8	220	496	conduit	260	0.1	0.1	1	1	2.6	Utilities	Rad
0-AJ1 MTCMez	1112	11	20	8	220	496	pipe	600	0.5	0.5	0.9	1	135	Utilities	Rad
0-AJ1 MTCMez	1112	11	20	8	220	496	pipe lead	600	0.5	0.5	0.1	1	15	Utilities	Hazard
0-AJ1 MTCMez	1112	11	20	8	220	496	elev drains	10	0.5	0.5	1	1	2.5	Utilities	Hazard
0-AJ1 MTCMez	1112	11	20	8	220	496	filter house	3	2	2	1	6	72	Remove Equip.	Rad
0-AJ1 MTCMez	1112	11	20	8	220	496	table	2	4	1	1	1	8	Remove Equip.	Rad
0-AJ1 MTCMez	1112	11	20	8	220	496	light	2	2	0.5	1	1	2	Utilities	Rad
0-AJ1 MTCMez	1112	11	20	8	220	496	ballast	0.5	0.2	1	1	1	0.1	Utilities	Hazard
0-AJ1 MTCMez	1112	11	20	8	220	496	bulbs	4	0.2	0.2	1	2	0.32	Utilities	Hazard
0-AJ1 MTCMez	1112	11	20	8	220	496	miscell	2	2	2	1	3	24	Remove Equip.	Rad
0-AJ1 MTCMez	1112	11	20	8	220	496	bracing	0.5	0.5	20	1	2	10	Utilities	Rad
0-AJ1 HLC Mezz	1112	28	30	8	840	928	pipe asbestos	10	0.5	0.5	1	1	2.5	Utilities	Asbestos
0-AJ1 HLC Mezz	1112	28	30	8	840	928	duct	100	1	0.1	1	1	10	Utilities	Rad
0-AJ1 HLC Mezz	1112	28	30	8	840	928	conduit	100	0.1	0.1	1	1	1	Utilities	Rad
0-AJ1 HLC Mezz	1112	28	30	8	840	928	pipe	150	0.5	0.5	0.9	1	33.75	Utilities	Rad
0-AJ1 HLC Mezz	1112	28	30	8	840	928	pipe lead	150	0.5	0.5	0.1	1	3.75	Utilities	Hazard
0-AJ1 HLC Mezz	1112	28	30	8	840	928	elev drains	5	0.5	0.5	1	2	2.5	Utilities	Hazard
0-AJ1 HLC Mezz	1112	28	30	8	840	928	boxes	1	2	2	1	26	104	Remove Equip.	Rad
0-AJ1 HLC Mezz	1112	28	30	8	840	928	HVAC	2	4	4	1	2	64	Utilities	Rad
0-AJ1 HLC Mezz	1112	28	30	8	840	928	filters	2	2	2	1	8	64	Utilities	Rad
0-AJ1 HLC Mezz	1112	28	30	8	840	928	light	2	2	0.5	1	6	12	Utilities	Rad
0-AJ1 HLC Mezz	1112	28	30	8	840	928	ballast	0.5	0.2	1	1	6	0.6	Utilities	Hazard
0-AJ1 HLC Mezz	1112	28	30	8	840	928	bulbs	4	0.2	0.2	1	12	1.92	Utilities	Hazard
0-AJ1 HLC Mezz	1112	28	30	8	840	928	miscell	2	2	2	1	3	24	Remove Equip.	Rad
0-AJ1 HLC Mezz	1112	28	30	8	840	928	hoist	2	0.5	1	1	1	1	Utilities	Rad
0-AJ1 HLC Mezz	1112	28	30	8	840	928	wireway	1	1	70	1	1	70	Utilities	Rad
0-AJ1 HLC Mezz	1112	28	30	8	840	928	cans of oil	2	2	1	1	3	12	Remove Equip.	Hazard
0-AJ1 HLC Mezz	1112	28	30	8	840	928	bracing	0.5	0.5	180	1	1	45	Utilities	Rad
0-AJ1Frt of HEC	1113	56	16	18	896	2592	pipe asbestos	80	0.5	0.5	1	1	20	Utilities	Asbestos

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0-AJ1Frt of HEC	1113	56	16	18	896	2592	pipe	220	0.5	0.5	0.9	1	49.5	Utilities	Rad
0-AJ1Frt of HEC	1113	56	16	18	896	2592	pipe lead	220	0.5	0.5	0.1	1	5.5	Utilities	Hazard
0-AJ1Frt of HEC	1113	56	16	18	896	2592	light merc	2	2	0.5	1	8	16	Utilities	Rad
0-AJ1Frt of HEC	1113	56	16	18	896	2592	ballast 8	0.5	0.2	1	1	8	0.8	Utilities	Hazard
0-AJ1Frt of HEC	1113	56	16	18	896	2592	bulbs	4	0.2	0.2	1	8	1.28	Utilities	Hazard
0-AJ1Frt of HEC	1113	56	16	18	896	2592	duct	50	40	0.1	1	1	200	Utilities	Rad
0-AJ1Frt of HEC	1113	56	16	18	896	2592	conduit	950	0.1	0.1	1	1	9.5	Utilities	Rad
0-AJ1Frt of HEC	1113	56	16	18	896	2592	elevated drains	18	0.5	0.5	1	1	4.5	Utilities	Hazard
0-AJ1Frt of HEC	1113	56	16	18	896	2592	drums	2	2	5	1	3	60	Remove Equip.	Rad
0-AJ1Frt of HEC	1113	56	16	18	896	2592	bottle cart	2	4	4	1	1	32	Remove Equip.	Hazard
0-AJ1Frt of HEC	1113	56	16	18	896	2592	transform	2	2	4	1	2	32	Utilities	Hazard
0-AJ1Frt of HEC	1113	56	16	18	896	2592	cross beams	200	1	1	1	1	200	Utilities	Rad
0-AJ1Frt of HEC	1113	56	16	18	896	2592	lead caves	1	2	2	1	3	12	Remove Equip.	Hazard
0-AJ1Frt of HEC	1113	56	16	18	896	2592	electrical boxes	2	2	1	1	30	120	Utilities	Rad
0-AJ1Frt of HEC	1113	56	16	18	896	2592	electronics cab	6	1.5	1.5	1	1	13.5	Utilities	Rad
0-AJ1Frt of HEC	1113	56	16	18	896	2592	manipultor	20	0.5	0.5	1	7	35	Remove Equip.	Rad
0-AJ1Frt of HEC	1113	56	16	18	896	2592	miscell.	2	2	2	1	3	24	Remove Equip.	Rad
0-AJ1Frt of HEC	1113	56	16	18	896	2592	table	3	2.5	5	1	6	225	Remove Equip.	Rad
0-AJ1 Decon Rm	1113-A	18	8	18	144	936	pipe asbestos	72	0.5	0.5	1	1	18	Utilities	Asbestos
0-AJ1 Decon Rm	1113-A	18	8	18	144	936	conduit	110	0.1	0.1	1	1	1.1	Utilities	Rad
0-AJ1 Decon Rm	1113-A	18	8	18	144	936	pipe	131	0.5	0.5	0.9	1	29.475	Utilities	Rad
0-AJ1 Decon Rm	1113-A	18	8	18	144	936	pipe lead	131	0.5	0.5	0.1	1	3.275	Utilities	Hazard
0-AJ1 Decon Rm	1113-A	18	8	18	144	936	lights	4	2	0.5	1	2	8	Utilities	Rad
0-AJ1 Decon Rm	1113-A	18	8	18	144	936	ballast	0.5	0.2	1	1	2	0.2	Utilities	Hazard
0-AJ1 Decon Rm	1113-A	18	8	18	144	936	bulbs	4	0.2	0.2	1	4	0.64	Utilities	Hazard
0-AJ1 Decon Rm	1113-A	18	8	18	144	936	Cabinet	1	4	4	1	1	16	Remove Equip.	Rad
0-AJ1 Decon Rm	1113-A	18	8	18	144	936	table	5	2.5	2.5	1	1	31.25	Remove Equip.	Rad
0-AJ1 Decon Rm	1113-A	18	8	18	144	936	miscell.	2	2	2	1	2	16	Remove Equip.	Rad
0-AJ1 Decon Rm	1113-A	18	8	18	144	936	shower	8	3	3	1	1	72	Remove Equip.	Rad
0-AJ1 Decon Rm	1113-A	18	8	18	144	936	sink	2	0.5	2	1	1	2	Remove Equip.	Rad
0-AJ1 HB Stairs	1113-B-8	20	8	68	160	3808	duct	8	1	6	1	1	48	Utilities	Rad
0-AJ1 HB Stairs	1113-B-8	20	8	68	160	3808	conduit	62	0.1	0.1	1	1	0.62	Utilities	Rad
0-AJ1 HB Stairs	1113-B-8	20	8	68	160	3808	pipe	16	0.5	0.5	0.9	1	3.6	Utilities	Rad
0-AJ1 HB Stairs	1113-B-8	20	8	68	160	3808	pipe lead	16	0.5	0.5	0.1	1	0.4	Utilities	Hazard
0-AJ1 HB Stairs	1113-B-8	20	8	68	160	3808	light	2	2	0.5	1	1	2	Utilities	Rad
0-AJ1 HB Stairs	1113-B-8	20	8	68	160	3808	ballast	0.5	0.2	1	1	1	0.1	Utilities	Hazard
0-AJ1 HB Stairs	1113-B-8	20	8	68	160	3808	bulbs	4	0.2	0.2	1	1	0.16	Utilities	Hazard
0-AJ1 HB Stairs	1113-B-8	20	8	68	160	3808	Drums	2	2	5	1	6	120	Remove Equip.	Rad
0-AJ1 HB Stairs	1113-B-8	20	8	68	160	3808	toolbox	4	3	2	1	1	24	Remove Equip.	Rad
0-AJ1 HB Stairs	1113-B-8	20	8	68	160	3808	stairs/misc	3	3	70	1	4	2520	Remove Equip.	Rad
01-AJ1 Fan Rm-1	1300	68	16	50	1088	8400	pipe asbestos	400	0.5	0.5	1	1	100	Utilities	Asbestos

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
01-AJ1 Fan Rm-1	1300	68	16	50	1088	8400	duct	625	2	0.2	1	1	250	Utilities	Rad
01-AJ1 Fan Rm-1	1300	68	16	50	1088	8400	conduit	50	0.25	0.25	1	21	65.625	Utilities	Rad
01-AJ1 Fan Rm-1	1300	68	16	50	1088	8400	pipe	50	0.5	0.5	0.9	48	540	Utilities	Rad
01-AJ1 Fan Rm-1	1300	68	16	50	1088	8400	pipe lead	50	0.5	0.5	0.1	48	60	Utilities	Hazard
01-AJ1 Fan Rm-1	1300	68	16	50	1088	8400	elevated drain	200	0.5	0.5	1	1	50	Utilities	Hazard
01-AJ1 Fan Rm-1	1300	68	16	50	1088	8400	wireway	80	1	1	1	1	80	Utilities	Rad
01-AJ1 Fan Rm-1	1300	68	16	50	1088	8400	ladder	40	2	2	1	7	1120	Utilities	Rad
01-AJ1 Fan Rm-1	1300	68	16	50	1088	8400	catwalk	40	2	3	1	7	1680	Utilities	Rad
01-AJ1 Fan Rm-1	1300	68	16	50	1088	8400	electric panels	5	1	2	1	25	250	Utilities	Rad
01-AJ1 Fan Rm-1	1300	68	16	50	1088	8400	fan motors	3	4	4	1	5	240	Utilities	Rad
01-AJ1 Fan Rm-1	1300	68	16	50	1088	8400	filter housing	3	4	2	1	3	72	Utilities	Rad
01-AJ1 Fan Rm-1	1300	68	16	50	1088	8400	heater	1	2	2	1	1	4	Utilities	Rad
01-AJ1 Fan Rm-1	1300	68	16	50	1088	8400	housing	8	4	4	1	1	128	Remove Equip.	Rad
01-AJ1 Fan Rm-1	1300	68	16	50	1088	8400	HVAC	7	5	6	1	2	420	Utilities	Rad
01-AJ1 Fan Rm-1	1300	68	16	50	1088	8400	miscell.	1	1	1	1	3	3	Remove Equip.	Rad
01-AJ1 Fan Rm-1	1300	68	16	50	1088	8400	pump	3	4	4	1	3	144	Utilities	Rad
01-AJ1 Fan Rm-2	1302	18	8	50	144	2600	conduit	60	0.1	0.1	1	1	0.6	Utilities	Rad
01-AJ1 Fan Rm-2	1302	18	8	50	144	2600	pipe	20	0.5	0.5	0.9	1	4.5	Utilities	Rad
01-AJ1 Fan Rm-2	1302	18	8	50	144	2600	pipe lead	20	0.5	0.5	0.1	1	0.5	Utilities	Hazard
01-AJ1 Fan Rm-2	1302	18	8	50	144	2600	railing	20	0.5	3	1	1	30	Utilities	Rad
01-AJ1 Fan Rm-2	1302	18	8	50	144	2600	filters	1	1	1	1	2	2	Remove Equip.	Rad
01-AJ1 Fan Rm-2	1302	18	8	50	144	2600	miscell.	1	1	1	1	1	1	Remove Equip.	Rad
0-AJ1 SE High Bay	1113-B-1	68	16	68	1088	11424	pipe asbestos	380	0.5	0.5	1	1	95	Utilities	Asbestos
0-AJ1 SE High Bay	1113-B-1	68	16	68	1088	11424	wall	7	1	22	1	1	154	Utilities	Rad
0-AJ1 SE High Bay	1113-B-1	68	16	68	1088	11424	conduit	680	0.1	0.1	1	1	6.8	Utilities	Rad
0-AJ1 SE High Bay	1113-B-1	68	16	68	1088	11424	sump	3	3	14	1	1	126	Utilities	Rad
0-AJ1 SE High Bay	1113-B-1	68	16	68	1088	11424	pipe	430	0.25	0.25	0.9	1	24.1875	Utilities	Rad
0-AJ1 SE High Bay	1113-B-1	68	16	68	1088	11424	pipe lead	430	0.25	0.25	0.1	1	2.6875	Utilities	Hazard
0-AJ1 SE High Bay	1113-B-1	68	16	68	1088	11424	racks	4	1	2	1	7	56	Remove Equip.	Rad
0-AJ1 SE High Bay	1113-B-1	68	16	68	1088	11424	cabinet	2	3	7	1	1	42	Remove Equip.	Rad
0-AJ1 SW High Bay	1113-B-1	68	16	68	1088	11424	Fridge	2	2	3	1	1	12	Remove Equip.	Rad
0-AJ1 SW High Bay	1113-B-1	68	16	68	1088	11424	lights merc	2	2	0.5	1	4	8	Utilities	Rad
0-AJ1 SW High Bay	1113-B-1	68	16	68	1088	11424	ballast 4	0.5	0.2	1	1	4	0.4	Utilities	Hazard
0-AJ1 SW High Bay	1113-B-1	68	16	68	1088	11424	bulbs 4	4	0.2	0.2	1	16	2.56	Utilities	Hazard
0-AJ1 SW High Bay	1113-B-1	68	16	68	1088	11424	Drums	2	2	5	1	20	400	Remove Equip.	Rad
0-AJ1 SW High Bay	1113-B-1	68	16	68	1088	11424	miscell.	2	2	2	1	4	32	Remove Equip.	Rad
0-AJ1 SW High Bay	1113-B-1	68	16	68	1088	11424	B-25	4	6	7	1	1	168	Remove Equip.	Rad
0-AJ1 SW High Bay	1113-B-1	68	16	68	1088	11424	lift	3	3	8	1	4	288	Remove Equip.	Rad
0-AJ1HB Wshrm Ft	1113-B-2	27	21	68	567	6528	conduit	280	0.1	0.1	1	1	2.8	Utilities	Rad
0-AJ1HB Wshrm Ft	1113-B-2	27	21	68	567	6528	pipe	80	0.5	0.5	0.9	1	18	Utilities	Rad
0-AJ1HB Wshrm Ft	1113-B-2	27	21	68	567	6528	pipe lead	80	0.5	0.5	0.1	1	2	Utilities	Hazard

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
0-AJ1HB Wshrm Ft	1113-B-2	27	21	68	567	6528	electric box	1	0.5	1	1	2	1	Utilities	Rad
0-AJ1HB Wshrm Ft	1113-B-2	27	21	68	567	6528	heater unit	2	3	3	1	1	18	Utilities	Rad
0-AJ1HB Wshrm Ft	1113-B-2	27	21	68	567	6528	lights merc	2	2	0.5	1	2	4	Utilities	Rad
0-AJ1HB Wshrm Ft	1113-B-2	27	21	68	567	6528	ballast 2	0.5	0.2	1	1	2	0.2	Utilities	Hazard
0-AJ1HB Wshrm Ft	1113-B-2	27	21	68	567	6528	bulbs	4	0.2	0.2	1	2	0.32	Utilities	Hazard
0-AJ1HB Wshrm Ft	1113-B-2	27	21	68	567	6528	Hercul roll	2	4	6	1	1	48	Remove Equip.	Rad
0-AJ1HB Wshrm Ft	1113-B-2	27	21	68	567	6528	miscell.	2	2	2	1	2	16	Remove Equip.	Rad
0-AJ1HB Wshrm N	1113-B-3	16	13	68	208	3944	duct	60	3	0.1	1	1	18	Utilities	Rad
0-AJ1HB Wshrm N	1113-B-3	16	13	68	208	3944	conduit	300	0.1	0.1	1	1	3	Utilities	Rad
0-AJ1HB Wshrm N	1113-B-3	16	13	68	208	3944	sump	3	3	14	1	1	126	Utilities	Rad
0-AJ1HB Wshrm N	1113-B-3	16	13	68	208	3944	pipe	150	0.5	0.5	0.9	1	33.75	Utilities	Rad
0-AJ1HB Wshrm N	1113-B-3	16	13	68	208	3944	pipe lead	150	0.5	0.5	0.1	1	3.75	Utilities	Hazard
0-AJ1HB Wshrm N	1113-B-3	16	13	68	208	3944	enclosure contents	10	16	1	5	1	800	Remove Equip.	Rad
0-AJ1HB Wshrm N	1113-B-3	16	13	68	208	3944	crane	30	6	15	1	1	2700	Utilities	Rad
0-AJ1HB Wshrm N	1113-B-3	16	13	68	208	3944	crane	20	10	25	1	1	5000	Utilities	Rad
0-AJ1HB Wshrm N	1113-B-3	16	13	68	208	3944	enclos crane	2	2	3	1	9	108	Remove Equip.	Rad
0-AJ1HB Wshrm N	1113-B-3	16	13	68	208	3944	Sonatol	10	3	4	1	1	120	Remove Equip.	Rad
0-AJ1HB Wshrm N	1113-B-3	16	13	68	208	3944	table	2	8	3	1	1	48	Remove Equip.	Rad
0-AJ1HB Wshrm N	1113-B-3	16	13	68	208	3944	chair	2	2	2	1	1	8	Remove Equip.	Rad
0-AJ1HB Wshrm N	1113-B-3	16	13	68	208	3944	desk	4	2	3	1	1	24	Remove Equip.	Rad
0-AJ1HB Wshrm N	1113-B-3	16	13	68	208	3944	bins	2	2	2	1	7	56	Remove Equip.	Rad
0-AJ1HB Wshrm N	1113-B-3	16	13	68	208	3944	miscell.	2	2	2	1	2	16	Remove Equip.	Rad
0-AJ1HB Frt Pool	1113-B-4	16	23	68	368	5304	conduit	500	0.1	0.1	1	1	5	Utilities	Rad
0-AJ1HB Frt Pool	1113-B-4	16	23	68	368	5304	sump	3	3	14	1	2	252	Utilities	Rad
0-AJ1HB Frt Pool	1113-B-4	16	23	68	368	5304	pipe	240	0.5	0.5	0.9	1	54	Utilities	Rad
0-AJ1HB Frt Pool	1113-B-4	16	23	68	368	5304	pipe lead	240	0.5	0.5	0.1	1	6	Utilities	Hazard
0-AJ1HB Frt Pool	1113-B-4	16	23	68	368	5304	beams	130	0.5	0.5	1	50	1625	Utilities	Rad
0-AJ1HB Frt Pool	1113-B-4	16	23	68	368	5304	beams & scrap	25	1	1	1	8	200	Utilities	Rad
0-AJ1HB Frt Pool	1113-B-4	16	23	68	368	5304	Pallets	2	2	2	1	2	16	Remove Equip.	Rad
0-AJ1HB Pool	1113-B-4	16	23	68	368	5304	liner curtains	2	2	10	1	7	280	Remove Equip.	Rad
0-AJ1HB Pool	1113-B-4	16	23	68	368	5304	pallets miscell	3	4	2	1	8	192	Remove Equip.	Rad
0-AJ1HB Pool	1113-B-4	16	23	68	368	5304	steel liner	10	1	10	1	11	1100	Remove Equip.	Rad
0-AJ1HB Frt Pool	1113-B-4	16	23	68	368	5304	drums	2	2	5	1	5	100	Remove Equip.	Rad
0-AJ1HB Frt Pool	1113-B-4	16	23	68	368	5304	crane basket	4	4	4	1	1	64	Remove Equip.	Rad
0-AJ1HB Frt Pool	1113-B-4	16	23	68	368	5304	electric boxes	2	0.5	1	1	1	1	Utilities	Rad
0-AJ1HB Frt Pool	1113-B-4	16	23	68	368	5304	heater unit	3	3	3	1	1	27	Utilities	Rad
0-AJ1HB Frt Pool	1113-B-4	16	23	68	368	5304	hook	10	10	10	1	1	1000	Utilities	Rad
0-AJ1HB Frt Pool	1113-B-4	16	23	68	368	5304	lights	2	2	0.5	1	16	32	Utilities	Rad
0-AJ1HB Frt Pool	1113-B-4	16	23	68	368	5304	ballast	0.5	0.2	1	1	16	1.6	Utilities	Hazard
0-AJ1HB Frt Pool	1113-B-4	16	23	68	368	5304	bulbs	4	0.2	0.2	1	16	2.56	Utilities	Hazard
0-AJ1HB Frt Pool	1113-B-4	16	23	68	368	5304	miscell.	1	1	1	1	3	3	Remove Equip.	Rad
0-AJ1HB Frt Pool	1113-B-4	16	23	68	368	5304	railing	60	0.1	3	1	1	18	Utilities	Rad

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
0-AJ1HB Frt Pool	1113-B-4	16	23	68	368	5304	rigging	6	3	3	1	1	54	Remove Equip.	Rad
0-AJ1HB Frt Pool	1113-B-4	16	23	68	368	5304	tornado covers	1.5	22	22	1	1	726	Utilities	Rad
0-AJ1HB North side	1113-B-5	88	20	68	1760	14688	duct	220	0.2	1	1	1	44	Utilities	Rad
0-AJ1HB North side	1113-B-5	39	20	68	780	8024	conduit	770	0.1	0.1	1	1	7.7	Utilities	Rad
0-AJ1HB North side	1113-B-5	39	20	68	780	8024	sump	3	3	14	1	1	126	Utilities	Rad
0-AJ1HB North side	1113-B-5	39	20	68	780	8024	pipe asbestos	60	0.5	0.5	0.5	1	7.5	Utilities	Asbestos
0-AJ1HB North side	1113-B-5	39	20	68	780	8024	pipe	700	0.5	0.5	0.5	1	87.5	Utilities	Rad
0-AJ1HB North side	1113-B-5	39	20	68	780	8024	pipe lead	700	0.5	0.5	0.5	1	87.5	Utilities	Hazard
0-AJ1HB North side	1113-B-5	39	20	68	780	8024	beams	80	0.5	0.5	1	6	120	Utilities	Rad
0-AJ1HB North side	1113-B-5	39	20	68	780	8024	drums	2	2	5	1	5	100	Remove Equip.	Rad
0-AJ1HB North side	1113-B-5	39	20	68	780	8024	electic panels	6	2	2	1	2	48	Utilities	Rad
0-AJ1HB North side	1113-B-5	39	20	68	780	8024	electric boxes	3	0.5	4	1	2	12	Utilities	Rad
0-AJ1HB North side	1113-B-5	39	20	68	780	8024	casks	5	5	5	1	2	250	Remove Equip.	Rad
0-AJ1HB North side	1113-B-5	39	20	68	780	8024	dufrane	10	10	12	1	1	1200	Remove Equip.	Rad
0-AJ1HB North side	1113-B-5	39	20	68	780	8024	ladders & lifts	10	0.5	2	1	4	40	Remove Equip.	Rad
0-AJ1HB North side	1113-B-5	39	20	68	780	8024	lights	2	2	0.5	1	10	20	Utilities	Rad
0-AJ1HB North side	1113-B-5	39	20	68	780	8024	ballast	0.5	0.2	1	1	10	1	Utilities	Hazard
0-AJ1HB North side	1113-B-5	39	20	68	780	8024	bulbs	4	0.2	0.2	1	10	1.6	Utilities	Hazard
0-AJ1HB North side	1113-B-5	39	20	68	780	8024	miscell.	2	2	2	1	7	56	Remove Equip.	Rad
0-AJ1HB North side	1113-B-5	39	20	68	780	8024	hoist	4	2	2	1	1	16	Utilities	Rad
0-AJ1HB North side	1113-B-5	39	20	68	780	8024	cabinet	2	3	6	1	1	36	Remove Equip.	Rad
0-AJ1HB North side	1113-B-5	39	20	68	780	8024	heater unit	3	3	3	1	2	54	Utilities	Rad
0-AJ1HB North side	1113-B-5	39	20	68	780	8024	toolbox	2	3	4	1	2	48	Remove Equip.	Rad
0-AJ1HB North side	1113-B-5	39	20	68	780	8024	manipulat. Stand	3	3	5	1	3	135	Remove Equip.	Rad
0-AJ1HB North side	1113-B-5	39	20	68	780	8024	manipulat	20	0.5	0.5	1	4	20	Remove Equip.	Rad
0-AJ1HB North side	1113-B-5	39	20	68	780	8024	pallet	3	4	6	1	3	216	Remove Equip.	Rad
0-AJ1HB North side	1113-B-5	39	20	68	780	8024	Hepa HVAC	6	4	7	1	2	336	Remove Equip.	Rad
0-AJ1 Bk Dock	1116	38	20	27	760	3132	Asbestos pipe	220	0.5	0.5	1	1	55	Utilities	Asbestos
0-AJ1 Bk Dock	1116	38	20	27	760	3132	duct	50	0.5	0.5	1	2	25	Utilities	Rad
0-AJ1 Bk Dock	1116	38	20	27	760	3132	conduit	450	0.1	0.1	1	2	9	Utilities	Rad
0-AJ1 Bk Dock	1116	38	20	27	760	3132	pipe	275	0.5	0.5	0.9	1	61.875	Utilities	Rad
0-AJ1 Bk Dock	1116	38	20	27	760	3132	pipe lead	275	0.5	0.5	0.1	1	6.875	Utilities	Hazard
0-AJ1 Bk Dock	1116	38	20	27	760	3132	elevat drain	30	0.5	0.5	1	3	22.5	Utilities	Hazard
0-AJ1 Bk Dock	1116	38	20	27	760	3132	Bins	2	2	3	1	3	36	Remove Equip.	Rad
0-AJ1 Bk Dock	1116	38	20	27	760	3132	B-25	4	6	7	1	1	168	Remove Equip.	Rad
0-AJ1 Bk Dock	1116	38	20	27	760	3132	transfer chutes	20	1	1	1	5	100	Utilities	Rad
0-AJ1 Bk Dock	1116	38	20	27	760	3132	Miscell	2	2	2	1	10	80	Remove Equip.	Rad
0-AJ1 Bk Dock	1116	38	20	27	760	3132	crane	10	8	4	1	1	320	Utilities	Rad
0-AJ1 Bk Dock	1116	38	20	27	760	3132	dolly	1	2	5	1	3	30	Remove Equip.	Rad
0-AJ1 Bk Dock	1116	38	20	27	760	3132	heaters	4	2.5	2.5	1	2	50	Utilities	Rad
0-AJ1 Bk Dock	1116	38	20	27	760	3132	jib crane	30	0.5	1	1	2	30	Utilities	Rad
0-AJ1 Bk Dock	1116	38	20	27	760	3132	light	4	2	0.5	1	8	32	Utilities	Rad

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0-AJ1 Bk Dock	1116	38	20	27	760	3132	ballast	0.5	0.2	1	1	8	0.8	Utilities	Hazard
0-AJ1 Bk Dock	1116	38	20	27	760	3132	bulbs	4	0.2	0.2	1	16	2.56	Utilities	Hazard
0-AJ1 Bk Dock	1116	38	20	27	760	3132	monitor	3	2	2	1	1	12	Remove Equip.	Rad
0-AJ1 Frt Evap Rm	1118	22	11	27	242	1782	pipe asbestos	130	0.5	0.5	1	1	32.5	Utilities	Asbestos
0-AJ1 Frt Evap Rm	1118	22	11	27	242	1782	duct	60	0.5	0.5	1	1	15	Utilities	Rad
0-AJ1 Frt Evap Rm	1118	22	11	27	242	1782	conduit	480	0.1	0.1	1	1	4.8	Utilities	Rad
0-AJ1 Frt Evap Rm	1118	22	11	27	242	1782	pipe	280	0.5	0.5	0.9	1	63	Utilities	Rad
0-AJ1 Frt Evap Rm	1118	22	11	27	242	1782	pipe lead	280	0.5	0.5	0.1	1	7	Utilities	Hazard
0-AJ1 Frt Evap Rm	1118	22	11	27	242	1782	block	1.5	0.5	1	1	10	7.5	Remove Equip.	Rad
0-AJ1 Frt Evap Rm	1118	22	11	27	242	1782	box	4	1	3	1	2	24	Remove Equip.	Rad
0-AJ1 Frt Evap Rm	1118	22	11	27	242	1782	cart	3	3	2	1	1	18	Remove Equip.	Rad
0-AJ1 Frt Evap Rm	1118	22	11	27	242	1782	filter house	3	2	2.5	1	2	30	Utilities	Rad
0-AJ1 Frt Evap Rm	1118	22	11	27	242	1782	register	1	1	8	1	1	8	Utilities	Rad
0-AJ1 Frt Evap Rm	1118	22	11	27	242	1782	Gas Bottles	0.5	0.5	5	1	10	12.5	Utilities	Hazard
0-AJ1 Frt Evap Rm	1118	22	11	27	242	1782	lift	3	0.5	0.5	1	1	0.75	Remove Equip.	Rad
0-AJ1 Frt Evap Rm	1118	22	11	27	242	1782	light	4	2	0.5	1	2	8	Utilities	Rad
0-AJ1 Frt Evap Rm	1118	22	11	27	242	1782	ballast	0.5	0.2	1	1	2	0.2	Utilities	Hazard
0-AJ1 Frt Evap Rm	1118	22	11	27	242	1782	bulbs	4	0.2	0.2	1	4	0.64	Utilities	Hazard
0-AJ1 Frt Evap Rm	1118	22	11	27	242	1782	miscell.	1	1	1	1	2	2	Remove Equip.	Rad
0-AJ1 Frt Evap Rm	1118	22	11	27	242	1782	transformer	2	3	2	1	1	12	Utilities	Hazard
0-AJ1 Old Elec Shp	1119	37	16	12	592	1272	pipe asbestos	180	0.5	0.5	1	1	45	Utilities	Asbestos
0-AJ1 Old Elec Shp	1119	37	16	12	592	1272	conduit	750	0.1	0.1	1	1	7.5	Utilities	Rad
0-AJ1 Old Elec Shp	1119	37	16	12	592	1272	pipe	240	0.5	0.5	0.9	1	54	Utilities	Rad
0-AJ1 Old Elec Shp	1119	37	16	12	592	1272	pipe lead	240	0.5	0.5	0.1	1	6	Utilities	Hazard
0-AJ1 Old Elec Shp	1119	37	16	12	592	1272	elevated drains	32	0.25	0.25	1	1	2	Utilities	Hazard
0-AJ1 Old Elec Shp	1119	37	16	12	592	1272	air condit.	2.5	2.5	1.5	1	2	18.75	Remove Equip.	Rad
0-AJ1 Old Elec Shp	1119	37	16	12	592	1272	cabinets	6	1.5	3	1	8	216	Remove Equip.	Rad
0-AJ1 Old Elec Shp	1119	37	16	12	592	1272	chair	2	2	2	1	4	32	Remove Equip.	Rad
0-AJ1 Old Elec Shp	1119	37	16	12	592	1272	desk	4	2.5	2.5	1	3	75	Remove Equip.	Rad
0-AJ1 Old Elec Shp	1119	37	16	12	592	1272	electric boxes	1	0.5	1	1	7	3.5	Utilities	Rad
0-AJ1 Old Elec Shp	1119	37	16	12	592	1272	Gas Bottle	0.5	0.5	5	1	6	7.5	Remove Equip.	Hazard
0-AJ1 Old Elec Shp	1119	37	16	12	592	1272	register	24	1	0.5	1	1	12	Utilities	Rad
0-AJ1 Old Elec Shp	1119	37	16	12	592	1272	light	4	2	0.5	1	4	16	Utilities	Rad
0-AJ1 Old Elec Shp	1119	37	16	12	592	1272	ballast	0.5	0.2	1	1	4	0.4	Utilities	Hazard
0-AJ1 Old Elec Shp	1119	37	16	12	592	1272	bulbs	4	0.2	0.2	1	8	1.28	Utilities	Hazard
0-AJ1 Old Elec Shp	1119	37	16	12	592	1272	blinds	4	0.5	0.5	1	3	3	Remove Equip.	Rad
0-AJ1 Old Elec Shp	1119	37	16	12	592	1272	racks	7	2	3	1	1	42	Remove Equip.	Rad
0-AJ1 Old Elec Shp	1119	37	16	12	592	1272	bins	2	3	2	1	5	60	Remove Equip.	Rad
0-AJ1 Old Elec Shp	1119	37	16	12	592	1272	breath air	7	5	7	1	1	245	Remove Equip.	Rad
0-AJ1 Old Elec Shp	1119	37	16	12	592	1272	vacuum & miscell.	2	2	2	1	5	40	Remove Equip.	Rad
00-AJ1 Bsmt	1010	84	16	14	1344	2800	conduit	600	0.1	0.1	1	1	6	Utilities	Rad

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
00-AJ1 Bsmt	1010	84	16	14	1344	2800	asbstos pipe	150	0.5	0.5	1	1	37.5	Utilities	Asbestos
00-AJ1 Bsmt	1010	84	16	14	1344	2800	pipe	400	0.5	0.5	0.9	1	90	Utilities	Rad
00-AJ1 Bsmt	1010	84	16	14	1344	2800	pipe lead	400	0.5	0.5	0.1	1	10	Utilities	Hazard
00-AJ1 Bsmt	1010	84	16	14	1344	2800	elevated drain	90	0.5	0.5	1	1	22.5	Utilities	Hazard
00-AJ1 Bsmt	1010	84	16	14	1344	2800	chairs	2	2	2	1	4	32	Remove Equip.	Rad
00-AJ1 Bsmt	1010	84	16	14	1344	2800	desk	2.5	5	2.5	1	3	93.75	Remove Equip.	Rad
00-AJ1 Bsmt	1010	84	16	14	1344	2800	light	4	2	0.5	1	11	44	Utilities	Rad
00-AJ1 Bsmt	1010	84	16	14	1344	2800	ballast	0.5	0.2	1	1	11	1.1	Utilities	Hazard
00-AJ1 Bsmt	1010	84	16	14	1344	2800	bulbs	4	0.2	0.2	1	22	3.52	Utilities	Hazard
00-AJ1 Bsmt	1010	84	16	14	1344	2800	duct	250	1	0.1	1	1	25	Utilities	Rad
00-AJ1 Bsmt	1010	84	16	14	1344	2800	duct	250	1	0.1	1	1	25	Utilities	Asbestos
00-AJ1 Bsmt	1010	84	16	14	1344	2800	lead	0.5	4	7	1	2	28	Remove Equip.	Hazard
00-AJ1 Bsmt	1010	84	16	14	1344	2800	cabinet	7	1.5	4	1	3	126	Remove Equip.	Rad
00-AJ1 Bsmt	1010	84	16	14	1344	2800	carts	2	2	3	1	3	36	Remove Equip.	Rad
00-AJ1 Bsmt	1010	84	16	14	1344	2800	crane	2	7	4	1	1	56	Remove Equip.	Rad
00-AJ1 Bsmt	1010	84	16	14	1344	2800	drum	2	2	5	1	2	40	Remove Equip.	Rad
00-AJ1 Bsmt	1010	84	16	14	1344	2800	electric boxes	2	0.5	2	1	6	12	Utilities	Rad
00-AJ1 Bsmt	1010	84	16	14	1344	2800	HVAC Unit	5	5	5	1	1	125	Utilities	Rad
00-AJ1 Bsmt	1010	84	16	14	1344	2800	contam miscell	2	2	2	1	9	72	Remove Equip.	Rad
00-AJ1 Bsmt	1010	84	16	14	1344	2800	miscell	2	2	2	1	3	24	Remove Equip.	Rad
00-AJ1 Bsmt	1010	84	16	14	1344	2800	Ladder	1	0.5	10	1	1	5	Remove Equip.	Rad
00-AJ1 Bsmt	1010	84	16	14	1344	2800	shelves	7	1.5	4	1	2	84	Remove Equip.	Rad
00-AJ1 Bsmt	1010	84	16	14	1344	2800	sink	2	2	2	1	2	16	Utilities	Rad
00-AJ1 Bsmt	1010	84	16	14	1344	2800	sump	3	3	8	1	1	72	Utilities	Rad
HEC Cell Support	Mezz	48	19	38	912	5092	Rad-graph Equip	3	3	5	1	2	90	Remove Equip	Rad
HEC Cell Support	Mezz	48	19	38	912	5092	Railing	67	0.5	5	1	1	167.5	Utilities	Rad
HEC Cell Support	Mezz	48	19	38	912	5092	miscell	2	2	2	1	2	16	Remove Equip	Rad
HEC Cell Support	Cask Washdn	15	15	68	225	4080	Still	7	4	7	1	1	196	Remove Equip	Rad
HEC Cell Support	Cask Washdn	15	15	68	225	4080	Ladder	10	0.5	2	1	1	10	Remove Equip	Rad
HEC Cell Support	Cask Washdn	15	15	68	225	4080	Miscell	2	2	2	1	5	40	Remove Equip	Rad
HEC Cell Support	Cask Washdn	15	15	68	225	4080	bins	2	2	3	1	8	96	Remove Equip	Rad
HEC Cell Support	Cask Washdn	15	15	68	225	4080	HEC door	5	2	8	1	8	640	Remove Equip	Rad
HEC Cell Support	Pump Rm	29	28	17	812	1938	light	4	2	0.5	1	14	56	Utilities	Rad
HEC Cell Support	Pump Rm	29	28	17	812	1938	ballast	0.5	0.2	1	1	14	1.4	Utilities	Hazard
HEC Cell Support	Pump Rm	29	28	17	812	1938	bulbs	4	0.2	0.2	1	20	3.2	Utilities	Hazard
HEC Cell Support	Pump Rm	29	28	17	812	1938	conduit	150	0.1	0.1	1	1	1.5	Utilities	Rad
HEC Cell Support	Pump Rm	29	28	17	812	1938	pipe	100	0.5	0.5	0.9	1	22.5	Utilities	Rad
HEC Cell Support	Pump Rm	29	28	17	812	1938	pipe lead	100	0.5	0.5	0.1	1	2.5	Utilities	Hazard
HEC Cell Support	Pump Rm	29	28	17	812	1938	duct	80	1	0.1	1	1	8	Utilities	Rad
HEC Cell Support	Pump Rm	29	28	17	812	1938	Recirc. Hardware	10	4	4	1	1	160	Utilities	Rad
HEC Cell Support	Pump Rm	29	28	17	812	1938	NFS Enclose	12	3	10	1	1	360	Remove Equip	Rad
HEC Cell Support	Pump Rm	29	28	17	812	1938	Laundry Unit	7	5	7	1	1	245	Remove Equip	Rad

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
HEC Cell Support	Pump Rm	29	28	17	812	1938	HEPA Unit	2	2	4	1	1	16	Remove Equip	Rad
HEC Cell Support	Pump Rm	29	28	17	812	1938	1000 tank	7	7	7	1	1	343	Utilities	Rad
HEC Cell Support	Pump Rm	29	28	17	812	1938	railing	30	0.5	4	1	8	480	Utilities	Rad
HEC Cell Support	Pump Rm	29	28	17	812	1938	5000 tank	24	6	6	1	1	864	Utilities	Rad
HEC Cell Support	Pump Rm	29	28	17	812	1938	miscell	2	2	2	1	8	64	Remove Equip	Rad
HEC Cell Support	Cell and Wells	39	9	26	351	2496	light	2	2	0.5	1	14	28	Utilities	Rad
HEC Cell Support	Cell and Wells	39	9	26	351	2496	ballast	0.5	0.2	1	1	14	1.4	Utilities	Hazard
HEC Cell Support	Cell and Wells	39	9	26	351	2496	bulbs	1	0.2	0.2	1	14	0.56	Utilities	Hazard
HEC Cell Support	Cell and Wells	39	9	26	351	2496	conduit	150	0.1	0.1	1	1	1.5	Utilities	Rad
HEC Cell Support	Cell and Wells	39	9	26	351	2496	pipe	100	0.5	0.5	0.9	1	22.5	Utilities	Rad
HEC Cell Support	Cell and Wells	39	9	26	351	2496	pipe lead	100	0.5	0.5	0.1	1	2.5	Utilities	Hazard
HEC Cell Support	Cell and Wells	39	9	26	351	2496	lead windows	3	1	4	1	5	60	Utilities	Hazard
HEC Cell Support	Cell and Wells	39	9	26	351	2496	cell liner	100	0.5	16	1	1	800	Utilities	Rad
HEC Cell Support	Cell and Wells	39	9	26	351	2496	lead plugs	4	1	1	1	25	100	Utilities	Hazard
HEC Cell Support	Cell and Wells	39	9	26	351	2496	cranes	3	8	2	1	2	96	Utilities	Rad
HEC Cell Support	Cell and Wells	39	9	26	351	2496	cask	9	9	5	1	1	405	Remove Equip	Rad
HEC Cell Support	Cell and Wells	39	9	26	351	2496	table contents	20	9	0.5	1	1	90	Remove Equip	Rad
HEC Cell Support	Cell and Wells	39	9	26	351	2496	table	8	4	2	1	1	64	Remove Equip	Rad
HEC Cell Support	Cell and Wells	39	9	26	351	2496	drums	2	2	5	1	21	420	Remove Equip	Rad
HEC Cell Support	Cell and Wells	39	9	26	351	2496	ram	2	2	6	1	1	24	Remove Equip	Rad
HEC Cell Support	Cell and Wells	39	9	26	351	2496	basket	2	2	2	1	1	8	Remove Equip	Rad
HEC Cell Support	Cell and Wells	39	9	26	351	2496	ladder	2	0.5	10	1	1	10	Remove Equip	Rad
HEC Cell Support	Wells	39	9	26	351	2496	storage rack	1	1	12	1	4	48	Remove Equip	Rad
HEC Cell Support	Wells	39	9	26	351	2496	Fuel can	1	1	12	1	1	12	Remove Equip	Rad
HEC Cell Support	Wells	39	9	26	351	2496	canister	0.5	0.5	4	1	1	1	Remove Equip	Rad
HEC Cell Support	Cell and Wells	39	9	26	351	2496	berry cans	2	2	1	1	60	240	Remove Equip	Rad
HEC Cell Support	Cell and Wells	39	9	26	351	2496	miscell	2	2	2	1	10	80	Remove Equip	Rad
HLC/LLC Cell Sup	Low Level Subcell	15	6	9	90	378	Sump oil Miscell	1	0.5	1	1	4	2	Remove Equip	Hazard
HLC/LLC Cell Sup	High Lev Subcell	15	6	9	90	378	Filters	2	1	2	1	12	48	Remove Equip	Rad
HLC/LLC Cell Sup	subcells	15	6	9	90	378	lights	2	2	0.5	1	8	16	Utilities	Rad
HLC/LLC Cell Sup	subcells	15	6	9	90	378	ballasts	0.5	0.2	1	1	8	0.8	Utilities	Hazard
HLC/LLC Cell Sup	subcells	15	6	9	90	378	bulbs	1	0.2	0.2	1	8	0.32	Utilities	Hazard
HLC/LLC Cell Sup	Cell Door Pit	13	13	8	169	416	oil/water	13	13	1.5	1	1	253.5	Remove Equip	Hazard
HLC/LLC Cell Sup	HLC	18	8	12	144	624	Table Contents	9	8	3	1	1	216	Remove Equip	Rad
HLC/LLC Cell Sup	HLC	18	8	12	144	624	Table	18	8	0.5	1	1	72	Remove Equip	Rad
HLC/LLC Cell Sup	HLC	18	8	12	144	624	light	2	2	0.5	1	6	12	Utilities	Rad
HLC/LLC Cell Sup	HLC	18	8	12	144	624	ballast	0.5	0.2	1	1	6	0.6	Utilities	Hazard
HLC/LLC Cell Sup	HLC	18	8	12	144	624	bulbs	1	0.2	0.2	1	6	0.24	Utilities	Hazard
HLC/LLC Cell Sup	HLC	18	8	12	144	624	conduit	80	0.1	0.1	1	1	0.8	Utilities	Rad
HLC/LLC Cell Sup	HLC	18	8	12	144	624	pipe	20	0.5	0.5	0.9	1	4.5	Utilities	Rad
HLC/LLC Cell Sup	HLC	18	8	12	144	624	pipe lead	20	0.5	0.5	0.1	1	0.5	Utilities	Hazard
HLC/LLC Cell Sup	HLC	18	8	12	144	624	cell liner	60	0.5	16	1	1	480	Utilities	Rad

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
HLC/LLC Cell Sup	HLC	18	8	12	144	624	lead plugs	4	1	1	1	20	80	Utilities	Hazard
HLC/LLC Cell Sup	HLC	18	8	12	144	624	lead windows	3	1	4	1	4	48	Utilities	Hazard
HLC/LLC Cell Sup	HLC	18	8	12	144	624	SNM	2	0.5	0.5	1	13	6.5	Remove Equip	High Rad
HLC/LLC Cell Sup	HLC	18	8	12	144	624	lead shield	4	7	0.5	1	14	196	Remove Equip	Hazard
HLC/LLC Cell Sup	HLC	18	8	12	144	624	Boxes	1	1.5	2	1	3	9	Remove Equip	Rad
HLC/LLC Cell Sup	HLC	18	8	12	144	624	crane	2	2	1	1	1	4	Utilities	Rad
HLC/LLC Cell Sup	HLC	18	8	12	144	624	Stereo Viewer	2	1.5	6	1	1	18	Remove Equip	Rad
HLC/LLC Cell Sup	LLC	20	8	12	160	672	Table Contents	4	8	0.5	1	1	16	Remove Equip	Rad
HLC/LLC Cell Sup	LLC	20	8	12	160	672	Table	18	8	0.5	1	1	72	Remove Equip	Rad
HLC/LLC Cell Sup	LLC	20	8	12	160	672	light	2	2	0.5	1	6	12	Utilities	Rad
HLC/LLC Cell Sup	LLC	20	8	12	160	672	ballast	0.5	0.2	1	1	6	0.6	Utilities	Hazard
HLC/LLC Cell Sup	LLC	20	8	12	160	672	bulbs	1	0.2	0.2	1	6	0.24	Utilities	Hazard
HLC/LLC Cell Sup	LLC	20	8	12	160	672	conduit	80	0.1	0.1	1	1	0.8	Utilities	Rad
HLC/LLC Cell Sup	LLC	20	8	12	160	672	pipe	20	0.5	0.5	0.9	1	4.5	Utilities	Rad
HLC/LLC Cell Sup	LLC	20	8	12	160	672	pipe lead	20	0.5	0.5	0.1	1	0.5	Utilities	Hazard
HLC/LLC Cell Sup	LLC	20	8	12	160	672	cell liner	60	0.5	16	1	1	480	Utilities	Rad
HLC/LLC Cell Sup	LLC	20	8	12	160	672	lead plugs	4	1	1	1	20	80	Utilities	Hazard
HLC/LLC Cell Sup	LLC	20	8	12	160	672	lead windows	3	1	4	1	4	48	Utilities	Hazard
HLC/LLC Cell Sup	LLC	20	8	12	160	672	berry cans	2	2	1	1	111	444	Remove Equip	Rad
HLC/LLC Cell Sup	LLC	20	8	12	160	672	cask	1	1	5	1	1	5	Remove Equip	Rad
HLC/LLC Cell Sup	LLC	20	8	12	160	672	Turntable	1	1.5	1.5	1	1	2.25	Remove Equip	Rad
HLC/LLC Cell Sup	LLC	20	8	12	160	672	crane	2	2	1	1	1	4	Utilities	Rad
HLC/LLC Cell Sup	LLC	20	8	12	160	672	Standard	1	1	1	1	1	1	Remove Equip	Rad
CAA Support	MTC	39	9	26	351	2496	table	10	4	3	1	1	120	Remove Equip	Rad
CAA Support	MTC	39	9	26	351	2496	drums	2	2	5	1	8	160	Remove Equip	Rad
CAA Support	MTC	39	9	26	351	2496	contents table	2	4	4	1	1	32	Remove Equip	Rad
CAA Support	MTC	39	9	26	351	2496	miscell	2	2	2	1	4	32	Remove Equip	Rad
CAA Support	MTC	39	9	26	351	2496	vacuum	1	2	3	1	1	6	Remove Equip	Rad
CAA Support	MTC	39	9	26	351	2496	light	2	2	0.5	1	6	12	Utilities	Rad
CAA Support	MTC	39	9	26	351	2496	ballast	0.5	0.2	1	1	6	0.6	Utilities	Hazard
CAA Support	MTC	39	9	26	351	2496	bulbs	1	0.2	0.2	1	6	0.24	Utilities	Hazard
CAA Support	MTC	39	9	26	351	2496	conduit	80	0.1	0.1	1	1	0.8	Utilities	Rad
CAA Support	MTC	39	9	26	351	2496	duct	20	0.1	2	1	1	4	Utilities	Rad
CAA Support	MTC	39	9	26	351	2496	pipe	20	0.5	0.5	0.9	1	4.5	Utilities	Rad
CAA Support	MTC	39	9	26	351	2496	pipe lead	20	0.5	0.5	0.1	1	0.5	Utilities	Hazard
CAA Support	MTC	39	9	26	351	2496	lead plugs	4	1	1	1	5	20	Utilities	Hazard
CAA Support	MTC	39	9	26	351	2496	lead windows	3	1	4	1	4	48	Utilities	Hazard
CAA Support	Charpy	25	16	26	400	2132	compactor	3	4	10	1	1	120	Remove Equip	Rad
CAA Support	Charpy	25	16	26	400	2132	downdraft table	5	4	4	1	1	80	Remove Equip	Rad
CAA Support	Charpy	25	16	26	400	2132	contents holes	0.5	0.5	1.5	1	12	4.5	Remove Equip	Rad
CAA Support	Charpy	25	16	26	400	2132	miscell	2	2	2	1	8	64	Remove Equip	Rad
CAA Support	Charpy	25	16	26	400	2132	light	2	2	0.5	1	6	12	Utilities	Rad

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
CAA Support	Charpy	25	16	26	400	2132	ballast	0.5	0.2	1	1	6	0.6	Utilities	Hazard
CAA Support	Charpy	25	16	26	400	2132	bulbs	1	0.2	0.2	1	6	0.24	Utilities	Hazard
CAA Support	Charpy	25	16	26	400	2132	conduit	80	0.1	0.1	1	1	0.8	Utilities	Rad
CAA Support	Charpy	25	16	26	400	2132	pipe	20	0.5	0.5	0.9	1	4.5	Utilities	Rad
CAA Support	Charpy	25	16	26	400	2132	pipe lead	20	0.5	0.5	0.1	1	0.5	Utilities	Hazard
CAA Support	Charpy	25	16	26	400	2132	lead plugs	4	1	1	1	2	8	Utilities	Hazard
CAA Support	Charpy	25	16	26	400	2132	lead windows	3	1	4	1	2	24	Utilities	Hazard
CAA Support	Hot Equip Stor Rm	17	23	11	391	880	miscell	5	5	5	1	5	625	Remove Equip	Rad
CAA Support	Hot Equip Stor Rm	17	23	11	391	880	light	2	2	0.5	1	3	6	Utilities	Rad
CAA Support	Hot Equip Stor Rm	17	23	11	391	880	ballast	0.5	0.2	1	1	3	0.3	Utilities	Hazard
CAA Support	Hot Equip Stor Rm	17	23	11	391	880	bulbs	1	0.2	0.2	1	3	0.12	Utilities	Hazard
CAA Support	Hot Equip Stor Rm	17	23	11	391	880	conduit	80	0.1	0.1	1	1	0.8	Utilities	Rad
CAA Support	Hot Equip Stor Rm	17	23	11	391	880	duct	20	0.1	2	1	1	4	Utilities	Rad
CAA Support	Hot Equip Stor Rm	17	23	11	391	880	pipe	20	0.5	0.5	0.9	1	4.5	Utilities	Rad
CAA Support	Hot Equip Stor Rm	17	23	11	391	880	pipe lead	20	0.5	0.5	0.1	1	0.5	Utilities	Hazard
CAA Support	Old Back Dock	17	23	26	391	2080	B-25	4	7	5	1	1	140	Remove Equip	Rad
CAA Support	Old Back Dock	17	23	26	391	2080	miscell	2	2	2	1	4	32	Remove Equip	Rad
CAA Support	Old Back Dock	17	23	26	391	2080	light	2	2	0.5	1	20	40	Utilities	Rad
CAA Support	Old Back Dock	17	23	26	391	2080	ballast	0.5	0.2	1	1	20	2	Utilities	Hazard
CAA Support	Old Back Dock	17	23	26	391	2080	bulbs	1	0.2	0.2	1	20	0.8	Utilities	Hazard
CAA Support	Old Back Dock	17	23	26	391	2080	conduit	80	0.1	0.1	1	1	0.8	Utilities	Rad
CAA Support	Old Back Dock	17	23	26	391	2080	duct	20	0.1	2	1	1	4	Utilities	Rad
CAA Support	Old Back Dock	17	23	26	391	2080	pipe	20	0.5	0.5	0.9	1	4.5	Utilities	Rad
CAA Support	Old Back Dock	17	23	26	391	2080	pipe lead	20	0.5	0.5	0.1	1	0.5	Utilities	Hazard
CAA Support	CAA	39	45	26	1755	4368	Bookcase	1	3	6	1	1	18	Remove Equip	Rad
CAA Support	CAA	39	45	26	1755	4368	arm repair bench	9	2	5	1	8	720	Remove Equip	Rad
CAA Support	CAA	39	45	26	1755	4368	sabotage equip	4	8	12	1	1	384	Remove Equip	High Rad
CAA Support	CAA	39	45	26	1755	4368	buckets Hg	1.5	1	1	1	3	4.5	Remove Equip	Hazard
CAA Support	CAA	39	45	26	1755	4368	HEPA filters	2	2	16	1	1	64	Remove Equip	Rad
CAA Support	CAA	39	45	26	1755	4368	light	4	2	0.5	1	20	80	Utilities	Rad
CAA Support	CAA	39	45	26	1755	4368	ballast	0.5	0.2	1	1	20	2	Utilities	Hazard
CAA Support	CAA	39	45	26	1755	4368	bulbs	1	0.2	0.2	1	40	1.6	Utilities	Hazard
CAA Support	CAA	39	45	26	1755	4368	conduit	250	0.1	0.1	1	1	2.5	Utilities	Rad
CAA Support	CAA	39	45	26	1755	4368	Duct	80	0.1	2	1	1	16	Utilities	Rad
CAA Support	CAA	39	45	26	1755	4368	wet pit	3	4	6	1	1	72	Utilities	Rad
CAA Support	CAA	39	45	26	1755	4368	cell doors	7	1	7	1	3	147	Utilities	Rad
CAA Support	CAA	39	45	26	1755	4368	pipe	200	0.5	0.5	0.9	1	45	Utilities	Rad
CAA Support	CAA	39	45	26	1755	4368	pipe lead	200	0.5	0.5	0.1	1	5	Utilities	Hazard
CAA Support	CAA	39	45	26	1755	4368	wash cabinet	5	5	7	1	1	175	Utilities	Rad
CAA Support	CAA	39	45	26	1755	4368	jib crane	1	1	10	1	1	10	Utilities	Rad
CAA Support	CAA	39	45	26	1755	4368	crane and rail	1	1	60	1	1	60	Utilities	Rad
CAA Support	Evapor Rm	22	11	26	242	1716	Pan	4	5	2	1	1	40	Remove Equip	Rad
CAA Support	Evapor Rm	22	11	26	242	1716	Drum	2	2	5	1	3	60	Remove Equip	Rad

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
CAA Support	Evapor Rm	22	11	26	242	1716	heaters	2	3	1	1	4	24	Remove Equip	Rad
CAA Support	Evapor Rm	22	11	26	242	1716	Light	2	2	1	1	3	12	Utilities	Rad
CAA Support	Evapor Rm	22	11	26	242	1716	ballast	0.5	0.2	1	1	3	0.3	Utilities	Hazard
CAA Support	Evapor Rm	22	11	26	242	1716	bulbs	1	0.2	0.2	1	3	0.12	Utilities	Hazard
CAA Support	Evapor Rm	22	11	26	242	1716	conduit	80	0.1	0.1	1	1	0.8	Utilities	Rad
CAA Support	Evapor Rm	22	11	26	242	1716	duct	4	5	3	1	1	60	Utilities	Rad
CAA Support	Evapor Rm	22	11	26	242	1716	duct	25	0.1	2	1	1	5	Utilities	Rad
CAA Support	Evapor Rm	22	11	26	242	1716	pipe	20	0.5	0.5	0.9	1	4.5	Utilities	Rad
CAA Support	Evapor Rm	22	11	26	242	1716	pipe lead	20	0.5	0.5	0.1	1	0.5	Utilities	Hazard
CAA Support	WSS	50.5	43.5	22	2196.75	4136	Hoppers	8	8	6	1	14	5376	Remove Equip	Rad
CAA Support	WSS	22	11	26	242	1716	Drum	2	2	5	1	80	1600	Remove Equip	Rad
CAA Support	WSS	22	11	26	242	1716	B-25	4	7	5	1	1	140	Remove Equip	Rad
CAA Support	WSS	22	11	26	242	1716	Light	2	2	1	1	20	80	Utilities	Rad
CAA Support	WSS	22	11	26	242	1716	ballast	0.5	0.2	1	1	20	2	Utilities	Hazard
CAA Support	WSS	22	11	26	242	1716	bulbs	1	0.2	0.2	1	20	0.8	Utilities	Hazard
CAA Support	WSS	22	11	26	242	1716	conduit	80	0.1	0.1	1	1	0.8	Utilities	Rad
CAA Support	WSS	22	11	26	242	1716	pipe	20	0.5	0.5	0.9	1	4.5	Utilities	Rad
CAA Support	WSS	22	11	26	242	1716	pipe lead	20	0.5	0.5	0.1	1	0.5	Utilities	Hazard

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
JN-2 Ext.	PENT	22	19	12	418	984	heat exchange	7	3	4	1	1	84	Utilities	Rad
JN-2 Ext.	PENT	22	19	12	418	984	large duct	0.2	4	60	0.5	1	24	Utilities	Rad
JN-2 Ext.	PENT	22	19	12	418	984	large duct	0.2	4	60	0.5	1	24	Utilities	Rad
JN-2 Ext.	PENT	22	19	12	418	984	miscell.	3	1	5	1	1	15	Remove Equip.	Free Release
JN-2 Ext.	PENT	22	19	12	418	984	transform	2	3	3	0.5	1	9	Utilities	Hazard
JN-2 - 2nd	Land	8	9	30	72	1020	miscell.	3	1	5	0.5	1	7.5	Remove Equip.	Free Release
JN-2 - 2nd	Land	8	9	30	72	1020	miscell.	3	1	5	0.5	1	7.5	Remove Equip.	Free Release
JN-2 - 2nd	Land	8	9	30	72	1020	lights 6	4	2	0.5	1	6	24	Utilities	Rad
JN-2 - 2nd	Land	8	9	30	72	1020	ballast 6	0.5	0.2	1	1	6	0.6	Utilities	Rad
JN-2 - 2nd	Land	8	9	30	72	1020	bulbs 12	4	0.2	0.2	1	12	1.92	Utilities	Hazard
JN-2 - 2nd	Land	8	9	30	72	1020	register 2	1	6	4	1	2	48	Utilities	Rad
JN-2 - 2nd	Land	8	9	30	72	1020	chair	0.5	2	3	1	1	3	Remove Equip.	Free Release
JN-2 - 2nd	RstW	12.5	13.5	12	168.75	624	shower	1	1	7	1	1	7	Utilities	Rad
JN-2 - 2nd	RstW	12.5	13.5	12	168.75	624	toliet	2	2	7	1	1	28	Utilities	Rad
JN-2 - 2nd	RstW	12.5	13.5	12	168.75	624	sink 2	1	2	3	1	2	12	Utilities	Rad
JN-2 - 2nd	RstW	12.5	13.5	12	168.75	624	lockers 3	1	1.5	7	1	3	31.5	Remove Equip.	Free Release
JN-2 - 2nd	RstW	12.5	13.5	12	168.75	624	register	1	4	6	1	1	24	Utilities	Rad
JN-2 - 2nd	RstW	12.5	13.5	12	168.75	624	lights 2	4	2	0.5	1	2	8	Utilities	Rad
JN-2 - 2nd	RstW	12.5	13.5	12	168.75	624	ballast 2	0.5	0.2	1	1	2	0.2	Utilities	Hazard
JN-2 - 2nd	RstW	12.5	13.5	12	168.75	624	bulbs 4	4	0.2	0.2	1	4	0.64	Utilities	Hazard
JN-2 - 2nd	RstW	12.5	13.5	12	168.75	624	storage	4	4	3	1	1	48	Remove Equip.	Free Release
JN-2 - 2nd	RstW	12.5	13.5	12	168.75	624	wall box 5	1.5	1.5	2	1	5	22.5	Remove Equip.	Free Release
JN-2 - 2nd	RstW	12.5	13.5	12	168.75	624	miscell.	3	2	3	0.5	1	9	Remove Equip.	Free Release
JN-2 - 2nd	RstW	12.5	13.5	12	168.75	624	miscell.	3	2	3	0.5	1	9	Remove Equip.	Free Release
JN-2 - 2nd	RstW	12.5	13.5	12	168.75	624	pipe	0.5	0.5	20	0.9	1	4.5	Utilities	Rad
JN-2 - 2nd	RstW	12.5	13.5	12	168.75	624	pipe lead	0.5	0.5	20	0.1	1	0.5	Utilities	Hazard
JN-2 - 2nd	RstW	12.5	13.5	12	168.75	624	duct	0.2	1	20	0.5	1	2	Utilities	Rad
JN-2 - 2nd	RstW	12.5	13.5	12	168.75	624	duct	0.2	1	20	0.5	1	2	Utilities	Rad
JN-2 - 2nd	2203	21.5	21.5	12	462.25	1032	lights 13	4	2	0.5	1	13	52	Utilities	Rad
JN-2 - 2nd	2203	21.5	21.5	12	462.25	1032	ballast 13	0.5	0.2	1	1	13	1.3	Utilities	Hazard
JN-2 - 2nd	2203	21.5	21.5	12	462.25	1032	bulbs 26	4	0.2	0.2	1	26	4.16	Utilities	Hazard
JN-2 - 2nd	2203	21.5	21.5	12	462.25	1032	file 9	2	1.5	6	1	9	162	Remove Equip.	Free Release
JN-2 - 2nd	2203	21.5	21.5	12	462.25	1032	desk 7	5	2	3	1	7	210	Remove Equip.	Free Release
JN-2 - 2nd	2203	21.5	21.5	12	462.25	1032	chair 7	0.5	2	3	1	7	21	Remove Equip.	Free Release
JN-2 - 2nd	2203	21.5	21.5	12	462.25	1032	register 3	1	4	6	1	3	72	Utilities	Rad
JN-2 - 2nd	2203	21.5	21.5	12	462.25	1032	blinds 2	5	0.5	0.5	1	2	2.5	Remove Equip.	Free Release
JN-2 - 2nd	2203	21.5	21.5	12	462.25	1032	shelve 5	3	1	5	1	5	75	Remove Equip.	Free Release

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
JN-2 - 2nd	2203	21.5	21.5	12	462.25	1032	pipe	0.5	0.5	20	0.9	1	4.5	Utilities	Rad
JN-2 - 2nd	2203	21.5	21.5	12	462.25	1032	pipe lead	0.5	0.5	20	0.1	1	0.5	Utilities	Hazard
JN-2 - 2nd	2203	21.5	21.5	12	462.25	1032	tile	21.5	21.5	0.02	1	1	9.245	Utilities	Asbestos
JN-2 - 2nd	2203	21.5	21.5	12	462.25	1032	air cond	3	2	2	1	1	12	Utilities	Rad
JN-2 - 2nd	2203	21.5	21.5	12	462.25	1032	miscell	2	2	7	0.5	1	14	Remove Equip.	Free Release
JN-2 - 2nd	2203	21.5	21.5	12	462.25	1032	miscell	2	2	7	0.5	1	14	Remove Equip.	Free Release
JN-2 - 2nd	2206	23	11	12	253	816	blinds 2	5	0.5	0.5	1	2	2.5	Remove Equip.	Free Release
JN-2 - 2nd	2206	23	11	12	253	816	shelves 6	3	1	5	1	6	90	Remove Equip.	Free Release
JN-2 - 2nd	2206	23	11	12	253	816	lights 8	4	2	0.5	1	8	32	Utilities	Rad
JN-2 - 2nd	2206	23	11	12	253	816	ballast 8	0.5	0.2	1	1	8	0.8	Utilities	Hazard
JN-2 - 2nd	2206	23	11	12	253	816	bulbs 16	4	0.2	0.2	1	16	2.56	Utilities	Hazard
JN-2 - 2nd	2206	23	11	12	253	816	register	1	4	6	1	1	24	Utilities	Rad
JN-2 - 2nd	2206	23	11	12	253	816	files 7	2	1.5	6	1	7	126	Remove Equip.	Free Release
JN-2 - 2nd	2206	23	11	12	253	816	desk 2	5	2	3	1	2	60	Remove Equip.	Free Release
JN-2 - 2nd	2206	23	11	12	253	816	chair 2	0.5	2	3	1	2	6	Remove Equip.	Free Release
JN-2 - 2nd	2206	23	11	12	253	816	air cond.	3	2	2	1	1	12	Utilities	Rad
JN-2 - 2nd	2206	23	11	12	253	816	duct	0.2	4	18	0.5	1	7.2	Utilities	Rad
JN-2 - 2nd	2206	23	11	12	253	816	duct	0.2	4	18	0.5	1	7.2	Utilities	Rad
JN-2 - 2nd	2206	23	11	12	253	816	pipe	0.5	0.5	20	0.9	1	4.5	Utilities	Rad
JN-2 - 2nd	2206	23	11	12	253	816	pipe lead	0.5	0.5	20	0.1	1	0.5	Utilities	Hazard
JN-2 - 2nd	2206	23	11	12	253	816	boxes 10	1	1	1.5	1	10	15	Remove Equip.	Free Release
JN-2 - 2nd	2206	23	11	12	253	816	miscell	2	2	7	1	1	28	Remove Equip.	Free Release
JN-2 - 2nd	2207	23	11	12	253	816	blinds 2	5	0.5	0.5	1	2	2.5	Remove Equip.	Free Release
JN-2 - 2nd	2207	23	11	12	253	816	shelves 3	3	1	5	1	3	45	Remove Equip.	Free Release
JN-2 - 2nd	2207	23	11	12	253	816	lights 5	4	2	0.5	1	5	20	Utilities	Rad
JN-2 - 2nd	2207	23	11	12	253	816	ballast 5	0.5	0.2	1	1	5	0.5	Utilities	Hazard
JN-2 - 2nd	2207	23	11	12	253	816	bulbs 10	4	0.2	0.2	1	10	1.6	Utilities	Hazard
JN-2 - 2nd	2207	23	11	12	253	816	register	1	4	6	1	1	24	Utilities	Rad
JN-2 - 2nd	2207	23	11	12	253	816	files 3	2	1.5	6	1	3	54	Remove Equip.	Free Release
JN-2 - 2nd	2207	23	11	12	253	816	desk 5	5	2	3	1	5	150	Remove Equip.	Free Release
JN-2 - 2nd	2207	23	11	12	253	816	chair 5	0.5	2	3	1	5	15	Remove Equip.	Free Release
JN-2 - 2nd	2207	23	11	12	253	816	air cond.	3	2	2	1	1	12	Utilities	Rad
JN-2 - 2nd	2207	23	11	12	253	816	duct	0.2	4	18	0.5	1	7.2	Utilities	Rad
JN-2 - 2nd	2207	23	11	12	253	816	duct	0.2	4	18	0.5	1	7.2	Utilities	Rad
JN-2 - 2nd	2207	23	11	12	253	816	pipe	0.5	0.5	20	0.9	1	4.5	Utilities	Rad
JN-2 - 2nd	2207	23	11	12	253	816	pipe lead	0.5	0.5	20	0.1	1	0.5	Utilities	Hazard
JN-2 - 2nd	2207	23	11	12	253	816	miscell.	2	2	7	0.5	1	14	Remove Equip.	Free Release

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
JN-2 - 2nd	2207	23	11	12	253	816	miscell.	2	2	7	0.5	1	14	Remove Equip.	Free Release
JN-2 - 2nd	2208	23	11	12	253	816	blinds 2	5	0.5	0.5	1	2	2.5	Remove Equip.	Free Release
JN-2 - 2nd	2208	23	11	12	253	816	shelves 4	3	1	5	1	4	60	Remove Equip.	Free Release
JN-2 - 2nd	2208	23	11	12	253	816	lights 6	4	2	0.5	1	6	24	Utilities	Rad
JN-2 - 2nd	2208	23	11	12	253	816	ballast 6	0.5	0.2	1	1	6	0.6	Utilities	Hazard
JN-2 - 2nd	2208	23	11	12	253	816	bulbs 12	4	0.2	0.2	1	12	1.92	Utilities	Hazard
JN-2 - 2nd	2208	23	11	12	253	816	register	1	4	6	1	1	24	Utilities	Rad
JN-2 - 2nd	2208	23	11	12	253	816	files 7	2	1.5	6	1	7	126	Remove Equip.	Free Release
JN-2 - 2nd	2208	23	11	12	253	816	desk 4	5	2	3	1	4	120	Remove Equip.	Free Release
JN-2 - 2nd	2208	23	11	12	253	816	chair 6	0.5	2	3	1	6	18	Remove Equip.	Free Release
JN-2 - 2nd	2208	23	11	12	253	816	air cond.	3	2	2	1	1	12	Utilities	Rad
JN-2 - 2nd	2208	23	11	12	253	816	duct	0.2	4	10	0.5	1	4	Utilities	Rad
JN-2 - 2nd	2208	23	11	12	253	816	duct	0.2	4	10	0.5	1	4	Utilities	Rad
JN-2 - 2nd	2208	23	11	12	253	816	pipe	0.5	0.5	20	0.9	1	4.5	Utilities	Rad
JN-2 - 2nd	2208	23	11	12	253	816	pipe	0.5	0.5	20	0.1	1	0.5	Utilities	Hazard
JN-2 - 2nd	2208	23	11	12	253	816	miscell.	2	2	7	0.5	1	14	Remove Equip.	Free Release
JN-2 - 2nd	2208	23	11	12	253	816	miscell.	2	2	7	0.5	1	14	Remove Equip.	Free Release
JN-2 - 2nd	2209	23	11	12	253	816	lights 6	4	2	0.5	1	6	24	Utilities	Rad
JN-2 - 2nd	2209	23	11	12	253	816	ballast 6	0.5	0.2	1	1	6	0.6	Utilities	Hazard
JN-2 - 2nd	2209	23	11	12	253	816	bulbs 12	4	0.2	0.2	1	12	1.92	Utilities	Hazard
JN-2 - 2nd	2209	23	11	12	253	816	cabinet 4	3	2.5	3	1	4	90	Remove Equip.	Free Release
JN-2 - 2nd	2209	23	11	12	253	816	lab cab 7	3	3	3	1	7	189	Remove Equip.	Free Release
JN-2 - 2nd	2209	23	11	12	253	816	lab bench	3	3	25	1	1	225	Utilities	Rad
JN-2 - 2nd	2209	23	11	12	253	816	lab bench	3	3	25	1	1	225	Utilities	Rad
JN-2 - 2nd	2209	23	11	12	253	816	fumehood	6	4.5	8	1	1	216	Utilities	Rad
JN-2 - 2nd	2209	23	11	12	253	816	shelf	5	1.5	8	1	1	60	Remove Equip.	Free Release
JN-2 - 2nd	2209	23	11	12	253	816	tile	23	11	0.02	1	1	5.06	Utilities	Rad
JN-2 - 2nd	2209	23	11	12	253	816	register	1	4	6	1	1	24	Utilities	Rad
JN-2 - 2nd	2209	23	11	12	253	816	duct	0.2	4	10	0.5	1	4	Utilities	Rad
JN-2 - 2nd	2209	23	11	12	253	816	duct	0.2	4	10	0.5	1	4	Utilities	Rad
JN-2 - 2nd	2209	23	11	12	253	816	pipe lead	0.5	0.5	20	0.1	1	0.5	Utilities	Hazard
JN-2 - 2nd	2209	23	11	12	253	816	pipe	0.5	0.5	20	0.9	1	4.5	Utilities	Rad
JN-2 - 2nd	2209	23	11	12	253	816	miscell.	2	2	2	0.5	1	4	Remove Equip.	Free Release
JN-2 - 2nd	2209	23	11	12	253	816	miscell.	2	2	2	0.5	1	4	Remove Equip.	Free Release
JN-2 - 2nd	Hall	80	8	12	640	2112	bus bar	1	1	75	1	1	75	Utilities	Rad
JN-2 - 2nd	Hall	80	8	12	640	2112	transform	2	3	4	1	2	48	Utilities	Hazard
JN-2 - 2nd	Hall	80	8	12	640	2112	lights 8	4	2	0.5	1	8	32	Utilities	Rad

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
JN-2 - 2nd	Hall	80	8	12	640	2112	ballast 8	0.5	0.2	1	1	8	0.8	Utilities	Hazard
JN-2 - 2nd	Hall	80	8	12	640	2112	bulbs 16	4	0.2	0.2	1	16	2.56	Utilities	Hazard
JN-2 - 2nd	Hall	80	8	12	640	2112	files 8	2	1.5	6	1	8	144	Remove Equip.	Free Release
JN-2 - 2nd	Hall	80	8	12	640	2112	desk 2	5	2	3	1	2	60	Remove Equip.	Free Release
JN-2 - 2nd	Hall	80	8	12	640	2112	tables 2	2	2	3	1	2	24	Remove Equip.	Free Release
JN-2 - 2nd	Hall	80	8	12	640	2112	Copier	3	4	5	1	1	60	Remove Equip.	Free Release
JN-2 - 2nd	Hall	80	8	12	640	2112	Acid Cabinet	7	1.5	5	1	1	52.5	Remove Equip.	Hazard
JN-2 - 2nd	Hall	80	8	12	640	2112	Hoist	3	2	2	1	1	12	Utilities	Rad
JN-2 - 2nd	2210	30.5	23	12	701.5	1284	blinds 4	5	0.5	0.5	1	4	5	Remove Equip.	Free Release
JN-2 - 2nd	2210	30.5	23	12	701.5	1284	shelves 5	3	1	5	1	5	75	Remove Equip.	Free Release
JN-2 - 2nd	2210	30.5	23	12	701.5	1284	lights 12	4	2	0.5	1	12	48	Utilities	Rad
JN-2 - 2nd	2210	30.5	23	12	701.5	1284	ballast 12	0.5	0.2	1	1	12	1.2	Utilities	Hazard
JN-2 - 2nd	2210	30.5	23	12	701.5	1284	bulbs 24	4	0.2	0.2	1	24	3.84	Utilities	Hazard
JN-2 - 2nd	2210	30.5	23	12	701.5	1284	files 4	2	1.5	6	1	4	72	Remove Equip.	Free Release
JN-2 - 2nd	2210	30.5	23	12	701.5	1284	partition 4	5	0.5	5	1	4	50	Remove Equip.	Free Release
JN-2 - 2nd	2210	30.5	23	12	701.5	1284	fridge	3	3	5	1	1	45	Remove Equip.	Free Release
JN-2 - 2nd	2210	30.5	23	12	701.5	1284	air cond. 2	3	2	2	1	2	24	Utilities	Rad
JN-2 - 2nd	2210	30.5	23	12	701.5	1284	duct	0.2	4	20	0.5	1	8	Utilities	Rad
JN-2 - 2nd	2210	30.5	23	12	701.5	1284	duct	0.2	4	20	0.5	1	8	Utilities	Rad
JN-2 - 2nd	2210	30.5	23	12	701.5	1284	pipe	0.5	0.5	20	0.9	1	4.5	Utilities	Rad
JN-2 - 2nd	2210	30.5	23	12	701.5	1284	pipe lead	0.5	0.5	20	0.1	1	0.5	Utilities	Hazard
JN-2 - 2nd	2210	30.5	23	12	701.5	1284	miscell.	2	2	7	0.5	1	14	Remove Equip.	Free Release
JN-2 - 2nd	2210	30.5	23	12	701.5	1284	miscell.	2	2	7	0.5	1	14	Remove Equip.	Free Release
JN-2 - 2nd	2210	30.5	23	12	701.5	1284	register 3	1	4	6	1	3	72	Utilities	Rad
JN-2 - 2nd	2212	36	27	12	972	1512	blinds 4	5	0.5	0.5	1	4	5	Remove Equip.	Free Release
JN-2 - 2nd	2212	36	27	12	972	1512	shelves 7	3	1	5	1	7	105	Remove Equip.	Free Release
JN-2 - 2nd	2212	36	27	12	972	1512	lights 15	4	2	0.5	1	15	60	Utilities	Rad
JN-2 - 2nd	2212	36	27	12	972	1512	ballast 15	0.5	0.2	1	1	15	1.5	Utilities	Hazard
JN-2 - 2nd	2212	36	27	12	972	1512	bulbs 30	4	0.2	0.2	1	30	4.8	Utilities	Hazard
JN-2 - 2nd	2212	36	27	12	972	1512	files 9	2	1.5	6	1	9	162	Remove Equip.	Free Release
JN-2 - 2nd	2212	36	27	12	972	1512	desk 7	5	2	3	1	7	210	Remove Equip.	Free Release
JN-2 - 2nd	2212	36	27	12	972	1512	chair 7	0.5	2	3	1	7	21	Remove Equip.	Free Release
JN-2 - 2nd	2212	36	27	12	972	1512	air cond. 2	3	2	2	1	2	24	Utilities	Rad
JN-2 - 2nd	2212	36	27	12	972	1512	duct	0.2	1.5	12	0.5	1	1.8	Utilities	Rad
JN-2 - 2nd	2212	36	27	12	972	1512	duct	0.2	1.5	12	0.5	1	1.8	Utilities	Rad
JN-2 - 2nd	2212	36	27	12	972	1512	pipe	0.5	0.5	20	0.9	1	4.5	Utilities	Rad
JN-2 - 2nd	2212	36	27	12	972	1512	pipe lead	0.5	0.5	20	0.1	1	0.5	Utilities	Hazard

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
JN-2 - 2nd	2212	36	27	12	972	1512	miscell.	2	2	7	1	1	28	Remove Equip.	Free Release
JN-2 - 2nd	2212	36	27	12	972	1512	register 2	1	4	6	1	2	48	Utilities	Rad
JN-2 - 2nd	2212	36	27	12	972	1512	tile	36	27	0.02	1	1	19.44	Utilities	Rad
JN-2 - 2nd	2212	36	27	12	972	1512	false ceiling	36	27	0.2	1	1	194.4	Utilities	Rad
JN-2 -1st	Vault	28	25	11	700	1166	lights 4	4	2	0.5	1	4	16	Utilities	Rad
JN-2 -1st	Vault	28	25	11	700	1166	ballast 4	0.5	0.2	1	1	4	0.4	Utilities	Hazard
JN-2 -1st	Vault	28	25	11	700	1166	bulbs 8	4	0.2	0.2	1	8	1.28	Utilities	Hazard
JN-2 -1st	Vault	28	25	11	700	1166	duct	0.2	1.5	21	1	1	6.3	Utilities	Rad
JN-2 -1st	Vault	28	25	11	700	1166	pipe	0.5	0.5	75	0.8	1	15	Utilities	Rad
JN-2 -1st	Vault	28	25	11	700	1166	pipe lead	0.5	0.5	75	0.2	1	3.75	Utilities	Hazard
JN-2 -1st	Vault	28	25	11	700	1166	miscell.	2	2	7	1	1	28	Remove Equip.	Free Release
JN-2 -1st	Vault	28	25	11	700	1166	register 1	1	4	6	1	1	24	Utilities	Rad
JN-2 -1st	Vault	28	25	11	700	1166	shelves 6	3	1	5	1	6	90	Remove Equip.	Rad
JN-2 -1st	Vault	28	25	11	700	1166	desk 3	5	2	3	1	3	90	Remove Equip.	Rad
JN-2 -1st	Vault	28	25	11	700	1166	chair 3	0.5	2	3	1	3	9	Remove Equip.	Rad
JN-2 -1st	Vault	28	25	11	700	1166	files 4	2	1.5	6	1	4	72	Remove Equip.	Rad
JN-2 -1st	Vault	28	25	11	700	1166	instrumnt	3	4	2	1	4	96	Remove Equip.	Rad
JN-2 -1st	Vault	28	25	11	700	1166	boxes	1.5	1.5	2	1	91	409.5	Remove Equip.	Rad
JN-2 -1st	Vault	28	25	11	700	1166	boxes	1.5	1.5	2	1	60	270	Remove Equip.	Rad
JN-2 -1st	alcove	38	10.5	11	399	1067	lights	4	2	0.5	1	4	16	Utilities	Rad
JN-2 -1st	alcove	38	10.5	11	399	1067	ballast	0.5	0.2	1	1	4	0.4	Utilities	Hazard
JN-2 -1st	alcove	38	10.5	11	399	1067	bulbs	4	0.2	0.2	1	8	1.28	Utilities	Hazard
JN-2 -1st	alcove	38	10.5	11	399	1067	tramsform	2	3	4	1	1	24	Utilities	Hazard
JN-2 -1st	alcove	38	10.5	11	399	1067	duct	0.2	1.5	10	1	1	3	Utilities	Rad
JN-2 -1st	alcove	38	10.5	11	399	1067	pipe	0.5	0.5	20	0.9	1	4.5	Utilities	Rad
JN-2 -1st	alcove	38	10.5	11	399	1067	pipe lead	0.5	0.5	20	0.1	1	0.5	Utilities	Hazard
JN-2 -1st	alcove	38	10.5	11	399	1067	miscell.	3.5	2	8	1	1	56	Remove Equip.	Rad
JN-2 -1st	alcove	38	10.5	11	399	1067	work bench	12	3.5	2	1	1	84	Remove Equip.	Rad
JN-2 -1st	alcove	38	10.5	11	399	1067	shelves	20	4	7	1	1	560	Remove Equip.	Rad
JN-2 -1st	alcove	38	10.5	11	399	1067	P-10 bottle	2	2	5	1	4	80	Remove Equip.	Hazard
JN-2 -1st	alcove	38	10.5	11	399	1067	boxes	1.5	1.5	2	1	72	324	Remove Equip.	Rad
JN-2 -1st	alcove	38	10.5	11	399	1067	files	2	1.5	6	1	1	18	Remove Equip.	Rad
JN-2 -1st	High Bay	32.5	10.5	48	341.25	4128	lights merc	1	2	1	1	10	20	Utilities	Rad
JN-2 -1st	High Bay	32.5	10.5	48	341.25	4128	ballast 10	0.5	0.2	0.5	1	10	0.5	Utilities	Hazard
JN-2 -1st	High Bay	32.5	10.5	48	341.25	4128	bulbs 10	4	0.2	0.2	1	10	1.6	Utilities	Hazard
JN-2 -1st	High Bay	32.5	10.5	48	341.25	4128	tramsform	2	3	4	1	1	24	Utilities	Hazard
JN-2 -1st	High Bay	32.5	10.5	48	341.25	4128	duct	0.2	2	250	1	1	100	Utilities	Rad
JN-2 -1st	High Bay	32.5	10.5	48	341.25	4128	pipe	0.5	0.5	20	0.9	1	4.5	Utilities	Rad
JN-2 -1st	High Bay	32.5	10.5	48	341.25	4128	pipe lead	0.5	0.5	20	0.1	1	0.5	Utilities	Hazard
JN-2 -1st	High Bay	32.5	10.5	48	341.25	4128	miscell.	4	4	8	1	1	128	Remove Equip.	Rad
JN-2 -1st	High Bay	32.5	10.5	48	341.25	4128	electrical	0.5	0.5	40	1	1	10	Utilities	Rad
JN-2 -1st	High Bay	32.5	10.5	48	341.25	4128	55-gal drums	2	2	5	1	4	80	Remove Equip.	Hazard
JN-2 -1st	High Bay	32.5	10.5	48	341.25	4128	pallets	4	4	3	1	8	384	Remove Equip.	Rad

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
JN-2 -1st	High Bay	32.5	10.5	48	341.25	4128	forklifts	4	10	7	1	4	1120	Remove Equip.	Rad
JN-2 -1st	High Bay	32.5	10.5	48	341.25	4128	bridge crane	2	43	3	1	1	258	Utilities	Rad
JN-2 -1st	High Bay	32.5	10.5	48	341.25	4128	Bertha Forklift	12	25	15	0.1	1	450	Remove Equip.	Rad
JN-2 -1st	High Bay	32.5	10.5	48	341.25	4128	Bertha Forklift	12	25	15	0.9	1	4050	Remove Equip.	Rad
JN-2 - 1st	Hall	80	8	13	640	2288	bus bar	1	1	75	1	1	75	Utilities	Rad
JN-2 - 1st	Hall	80	8	13	640	2288	transform	2	3	4	1	2	48	Utilities	Hazard
JN-2 - 1st	Hall	80	8	13	640	2288	lights 8	4	2	0.5	1	8	32	Utilities	Rad
JN-2 - 1st	Hall	80	8	13	640	2288	ballast 8	0.5	0.2	1	1	8	0.8	Utilities	Hazard
JN-2 - 1st	Hall	80	8	13	640	2288	bulbs 16	4	0.2	0.2	1	16	2.56	Utilities	Hazard
JN-2 - 1st	Hall	80	8	13	640	2288	cabinets	6	1.5	7	1	4	252	Remove Equip.	Rad
JN-2 - 1st	Hall	80	8	13	640	2288	Drink Fountain	1.5	1.5	5	1	1	11.25	Utilities	Rad
JN-2 - 1st	Hall	80	8	13	640	2288	register	1	4	6	1	1	24	Utilities	Rad
JN-2 - 1st	Hall	80	8	13	640	2288	miscell	2	2	2	1	2	16	Remove Equip.	Rad
JN-2 - 1st	Hall	80	8	13	640	2288	electrical	1	1	20	1	1	20	Utilities	Rad
JN-2 - 1st	2119	30	18.5	13	555	1261	blinds 8	5	0.5	0.5	1	8	10	Remove Equip.	Rad
JN-2 - 1st	2119	30	18.5	13	555	1261	work bench	2	6	3	1	12	432	Remove Equip.	Rad
JN-2 - 1st	2119	30	18.5	13	555	1261	lights 8	4	2	0.5	1	8	32	Utilities	Rad
JN-2 - 1st	2119	30	18.5	13	555	1261	ballast 8	0.5	0.2	1	1	8	0.8	Utilities	Hazard
JN-2 - 1st	2119	30	18.5	13	555	1261	bulbs 16	4	0.2	0.2	1	16	2.56	Utilities	Hazard
JN-2 - 1st	2119	30	18.5	13	555	1261	files 7	2	1.5	6	1	7	126	Remove Equip.	Rad
JN-2 - 1st	2119	30	18.5	13	555	1261	desk 3	5	2	3	1	3	90	Remove Equip.	Rad
JN-2 - 1st	2119	30	18.5	13	555	1261	chair 7	0.5	2	3	1	7	21	Remove Equip.	Rad
JN-2 - 1st	2119	30	18.5	13	555	1261	air cond.	3	2	2	1	2	24	Utilities	Rad
JN-2 - 1st	2119	30	18.5	13	555	1261	duct	0.2	1.5	15	0.5	1	2.25	Utilities	Rad
JN-2 - 1st	2119	30	18.5	13	555	1261	duct	0.2	1.5	15	0.5	1	2.25	Utilities	Rad
JN-2 - 1st	2119	30	18.5	13	555	1261	pipe	0.5	0.5	20	0.9	1	4.5	Utilities	Rad
JN-2 - 1st	2119	30	18.5	13	555	1261	pipe lead	0.5	0.5	20	0.1	1	0.5	Utilities	Hazard
JN-2 - 1st	2119	30	18.5	13	555	1261	miscell.	2	2	7	1	1	28	Remove Equip.	Rad
JN-2 - 1st	2119	30	18.5	13	555	1261	register 4	1	4	6	1	2	48	Utilities	Rad
JN-2 - 1st	2119	30	18.5	13	555	1261	cabinets	5	2	7	1	10	700	Remove Equip.	Rad
JN-2 - 1st	2119	30	18.5	13	555	1261	source well	10	6	4	1	1	240	Utilities	Rad
JN-2 - 1st	2101	9	30	13	270	1014	lights 4	4	2	0.5	1	4	16	Utilities	Rad
JN-2 - 1st	2101	9	30	13	270	1014	ballast 4	0.5	0.2	1	1	4	0.4	Utilities	Hazard
JN-2 - 1st	2101	9	30	13	270	1014	bulbs 8	4	0.2	0.2	1	8	1.28	Utilities	Hazard
JN-2 - 1st	2101	9	30	13	270	1014	files 32	2	1.5	6	1	32	576	Remove Equip.	Rad
JN-2 - 1st	2101	9	30	13	270	1014	desk 1	5	2	3	1	1	30	Remove Equip.	Rad
JN-2 - 1st	2101	9	30	13	270	1014	chair 1	0.5	2	3	1	1	3	Remove Equip.	Rad
JN-2 - 1st	2101	9	30	13	270	1014	duct	0.2	1.5	25	0.5	1	3.75	Utilities	Rad
JN-2 - 1st	2101	9	30	13	270	1014	duct	0.2	1.5	25	0.5	1	3.75	Utilities	Rad
JN-2 - 1st	2101	9	30	13	270	1014	pipe	0.5	0.5	20	0.9	1	4.5	Utilities	Free Release
JN-2 - 1st	2101	9	30	13	270	1014	pipe lead	0.5	0.5	20	0.1	1	0.5	Utilities	Hazard
JN-2 - 1st	2101	9	30	13	270	1014	miscell.	2	2	5	1	1	20	Remove Equip.	Rad
JN-2 - 1st	boiler	18.5	23	13	425.5	1079	cabinets	6	2	3	1	2	72	Remove Equip.	Rad
JN-2 - 1st	boiler	18.5	23	13	425.5	1079	duct	0.2	1.5	15	0.5	1	2.25	Utilities	Rad
JN-2 - 1st	boiler	18.5	23	13	425.5	1079	duct	0.2	1.5	15	0.5	1	2.25	Utilities	Rad
JN-2 - 1st	boiler	18.5	23	13	425.5	1079	pipe	0.5	0.5	200	0.9	1	45	Utilities	Rad
JN-2 - 1st	boiler	18.5	23	13	425.5	1079	pipe lead	0.5	0.5	200	0.1	1	5	Utilities	Hazard
JN-2 - 1st	boiler	18.5	23	13	425.5	1079	miscell.	2	2	5	1	1	20	Remove Equip.	Rad
JN-2 - 1st	boiler	18.5	23	13	425.5	1079	lights 7	4	2	0.5	1	7	28	Utilities	Rad
JN-2 - 1st	boiler	18.5	23	13	425.5	1079	ballast 7	0.5	0.2	1	1	7	0.7	Utilities	Hazard
JN-2 - 1st	boiler	18.5	23	13	425.5	1079	bulbs 14	4	0.2	0.2	1	14	2.24	Utilities	Hazard
JN-2 - 1st	boiler	18.5	23	13	425.5	1079	electrical	0.5	0.5	40	1	1	10	Utilities	Rad
JN-2 - 1st	boiler	18.5	23	13	425.5	1079	tanks	3	3	10	1	2	180	Utilities	Rad

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
JN-2 - 1st	boiler	18.5	23	13	425.5	1079	boiler	6	10	7	1	1	420	Utilities	Rad
JN-2 - 1st	boiler	18.5	23	13	425.5	1079	boiler	1	0.5	0.25	1	500	62.5	Utilities	Hazard
JN-2 - 1st	boiler	18.5	23	13	425.5	1079	water heater	1.5	1.5	5	1	1	11.25	Utilities	Rad
JN-2 - 1st	boiler	18.5	23	13	425.5	1079	air comp	5	3	4	1	1	60	Utilities	Rad
JN-2 - 1st	RstM	25	25	13	625	1300	shower	1	1	7	1	2	14	Utilities	Rad
JN-2 - 1st	RstM	25	25	13	625	1300	toliet	2	2	7	1	2	56	Utilities	Rad
JN-2 - 1st	RstM	25	25	13	625	1300	sink 3	1	2	3	1	3	18	Utilities	Rad
JN-2 - 1st	RstM	25	25	13	625	1300	lockers 9	1	1.5	7	1	9	94.5	Remove Equip.	Rad
JN-2 - 1st	RstM	25	25	13	625	1300	urinal	1	3	3	1	1	9	Utilities	Rad
JN-2 - 1st	RstM	25	25	13	625	1300	lights 5	4	2	0.5	1	5	20	Utilities	Rad
JN-2 - 1st	RstM	25	25	13	625	1300	ballast 5	0.5	0.2	1	1	5	0.5	Utilities	Hazard
JN-2 - 1st	RstM	25	25	13	625	1300	bulbs 10	4	0.2	0.2	1	10	1.6	Utilities	Hazard
JN-2 - 1st	RstM	25	25	13	625	1300	cabinets	3	1.5	6	1	4	108	Remove Equip.	Rad
JN-2 - 1st	RstM	25	25	13	625	1300	wall box 5	1.5	1.5	2	1	5	22.5	Remove Equip.	Rad
JN-2 - 1st	RstM	25	25	13	625	1300	miscell.	2	1.5	2	0.5	4	12	Remove Equip.	Rad
JN-2 - 1st	RstM	25	25	13	625	1300	miscell.	2	1.5	2	0.5	4	12	Remove Equip.	Rad
JN-2 - 1st	RstM	25	25	13	625	1300	pipe	0.5	0.5	25	0.9	14	78.75	Utilities	Rad
JN-2 - 1st	RstM	25	25	13	625	1300	pipe lead	0.5	0.5	25	0.1	14	8.75	Utilities	Hazard
JN-2 - 1st	RstM	25	25	13	625	1300	duct	0.2	1	20	0.5	1	2	Utilities	Rad
JN-2 - 1st	RstM	25	25	13	625	1300	duct	0.2	1	20	0.5	1	2	Utilities	Rad
JN-2 - 1st	Lab	60	25	13	1500	2210	detectors	3	3	5	1	6	270	Remove Equip.	Rad
JN-2 - 1st	Lab	60	25	13	1500	2210	lights 16	4	2	0.5	1	16	64	Utilities	Rad
JN-2 - 1st	Lab	60	25	13	1500	2210	ballast 16	0.5	0.2	1	1	16	1.6	Utilities	Hazard
JN-2 - 1st	Lab	60	25	13	1500	2210	bulbs 32	4	0.2	0.2	1	32	5.12	Utilities	Hazard
JN-2 - 1st	Lab	60	25	13	1500	2210	cabinet 4	3	2.5	3	1	4	90	Remove Equip.	Rad
JN-2 - 1st	Lab	60	25	13	1500	2210	lab cab	3	3	3	1	15	405	Remove Equip.	Rad
JN-2 - 1st	Lab	60	25	13	1500	2210	lab bench	3	3	45	1	1	405	Utilities	Rad
JN-2 - 1st	Lab	60	25	13	1500	2210	lab bench	3	3	20	1	1	180	Utilities	Rad
JN-2 - 1st	Lab	60	25	13	1500	2210	fumehood	6	4.5	8	1	5	1080	Utilities	Rad
JN-2 - 1st	Lab	60	25	13	1500	2210	shelf	5	1.5	8	1	10	600	Remove Equip.	Rad
JN-2 - 1st	Lab	60	25	13	1500	2210	tile	60	25	0.02	1	1	30	Utilities	Rad
JN-2 - 1st	Lab	60	25	13	1500	2210	register	1	4	6	1	1	24	Utilities	Rad
JN-2 - 1st	Lab	60	25	13	1500	2210	duct	0.2	4	90	0.8	1	57.6	Utilities	Rad
JN-2 - 1st	Lab	60	25	13	1500	2210	duct	0.2	4	89	0.2	1	14.24	Utilities	Rad
JN-2 - 1st	Lab	60	25	13	1500	2210	pipe lead	0.5	0.5	60	0.1	8	12	Utilities	Hazard
JN-2 - 1st	Lab	60	25	13	1500	2210	pipe	0.5	0.5	60	0.9	8	108	Utilities	Rad
JN-2 - 1st	Lab	60	25	13	1500	2210	miscell.	2	2	2	1	1	8	Remove Equip.	Rad
JN-2 - 1st	Lab	60	25	13	1500	2210	ovens	3	3	3	1	4	108	Remove Equip.	Rad
JN-2 - 1st	Lab	60	25	13	1500	2210	files 2	2	1.5	6	1	2	36	Remove Equip.	Rad
JN-2 - 1st	Lab	60	25	13	1500	2210	desk 8	5	2	3	1	8	240	Remove Equip.	Rad
JN-2 - 1st	Lab	60	25	13	1500	2210	chair 8	0.5	2	3	1	8	24	Remove Equip.	Rad
JN-2 - 1st	Lab	60	25	13	1500	2210	nit tanks	3	3	5	1	3	135	Remove Equip.	Rad

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
JN-3 - 2nd	RstW 3214	15	10	11.5	150	575	shower	1	1	7	1	1	7	Utilities	Rad
JN-3 - 2nd	RstW 3214	15	10	11.5	150	575	toliet	2	2	7	1	1	28	Utilities	Rad
JN-3 - 2nd	RstW 3214	15	10	11.5	150	575	sink	1	2	3	1	1	6	Utilities	Rad
JN-3 - 2nd	RstW 3214	15	10	11.5	150	575	lockers 3	1	1.5	7	1	3	31.5	Remove Equip.	Rad
JN-3 - 2nd	RstW 3214	15	10	11.5	150	575	register	1	4	6	1	1	24	Utilities	Rad
JN-3 - 2nd	RstW 3214	15	10	11.5	150	575	lights 2	4	2	0.5	1	2	8	Utilities	Rad
JN-3 - 2nd	RstW 3214	15	10	11.5	150	575	ballast 2	0.5	0.2	1	1	2	0.2	Utilities	Hazard
JN-3 - 2nd	RstW 3214	15	10	11.5	150	575	bulbs 4	4	0.2	0.2	1	4	0.64	Utilities	Hazard
JN-3 - 2nd	RstW 3214	15	10	11.5	150	575	couch	7	3	2	1	1	42	Remove Equip.	Rad
JN-3 - 2nd	RstW 3214	15	10	11.5	150	575	wall box 5	1.5	1.5	2	1	5	22.5	Remove Equip.	Rad
JN-3 - 2nd	RstW 3214	15	10	11.5	150	575	miscell.	3	2	3	0.5	1	9	Remove Equip.	Rad
JN-3 - 2nd	RstW 3214	15	10	11.5	150	575	miscell.	3	2	3	0.5	1	9	Remove Equip.	Rad
JN-3 - 2nd	RstW 3214	15	10	11.5	150	575	pipe	0.5	0.5	30	0.9	1	6.75	Utilities	Rad
JN-3 - 2nd	RstW 3214	15	10	11.5	150	575	pipe lead	0.5	0.5	30	0.1	1	0.75	Utilities	Hazard
JN-3 - 2nd	RstW 3214	15	10	11.5	150	575	duct	0.2	1	20	0.5	1	2	Utilities	Rad
JN-3 - 2nd	RstW 3214	15	10	11.5	150	575	duct	0.2	1	20	0.5	1	2	Utilities	Rad
JN-3 - 2nd	RstM 3217	20	15	11.5	300	805	shower	1	1	7	1	2	14	Utilities	Rad
JN-3 - 2nd	RstM 3217	20	15	11.5	300	805	toliet	2	2	7	1	2	56	Utilities	Rad
JN-3 - 2nd	RstM 3217	20	15	11.5	300	805	sink 3	1	2	3	1	3	18	Utilities	Rad
JN-3 - 2nd	RstM 3217	20	15	11.5	300	805	lockers 37	1	1.5	7	1	37	388.5	Remove Equip.	Rad
JN-3 - 2nd	RstM 3217	20	15	11.5	300	805	urinal	1	3	3	1	2	18	Utilities	Rad
JN-3 - 2nd	RstM 3217	20	15	11.5	300	805	lights 4	4	2	0.5	1	4	16	Utilities	Rad
JN-3 - 2nd	RstM 3217	20	15	11.5	300	805	ballast 4	0.5	0.2	1	1	4	0.4	Utilities	Hazard
JN-3 - 2nd	RstM 3217	20	15	11.5	300	805	bulbs 8	4	0.2	0.2	1	8	1.28	Utilities	Hazard
JN-3 - 2nd	RstM 3217	20	15	11.5	300	805	wall box 5	1.5	1.5	2	1	5	22.5	Remove Equip.	Rad
JN-3 - 2nd	RstM 3217	20	15	11.5	300	805	benches	5	0.5	2	1	3	15	Remove Equip.	Rad
JN-3 - 2nd	RstM 3217	20	15	11.5	300	805	miscell.	2	1.5	2	0.5	4	12	Remove Equip.	Rad
JN-3 - 2nd	RstM 3217	20	15	11.5	300	805	miscell.	2	1.5	2	0.5	4	12	Remove Equip.	Rad
JN-3 - 2nd	RstM 3217	20	15	11.5	300	805	pipe	0.5	0.5	15	0.9	8	27	Utilities	Rad
JN-3 - 2nd	RstM 3217	20	15	11.5	300	805	pipe lead	0.5	0.5	15	0.1	8	3	Utilities	Hazard
JN-3 - 2nd	RstM 3217	20	15	11.5	300	805	tank	3	3	6	1	1	54	Utilities	Rad
JN-3 - 2nd	RstM 3217	20	15	11.5	300	805	duct	0.2	1	20	0.5	1	2	Utilities	Rad
JN-3 - 2nd	RstM 3217	20	15	11.5	300	805	duct	0.2	1	20	0.5	1	2	Utilities	Rad
JN-3 - 2nd	3213	10.5	9	11.5	94.5	448.5	lights 2	4	2	0.5	1	2	8	Utilities	Rad
JN-3 - 2nd	3213	10.5	9	11.5	94.5	448.5	ballast 2	0.5	0.2	1	1	2	0.2	Utilities	Hazard
JN-3 - 2nd	3213	10.5	9	11.5	94.5	448.5	bulbs 4	4	0.2	0.2	1	4	0.64	Utilities	Hazard
JN-3 - 2nd	3213	10.5	9	11.5	94.5	448.5	file	2	1.5	6	1	1	18	Remove Equip.	Rad
JN-3 - 2nd	3213	10.5	9	11.5	94.5	448.5	tables 4	5	1	3	1	4	60	Remove Equip.	Rad
JN-3 - 2nd	3213	10.5	9	11.5	94.5	448.5	chair 11	0.5	2	3	1	11	33	Remove Equip.	Rad
JN-3 - 2nd	3213	10.5	9	11.5	94.5	448.5	register	1	4	6	1	1	24	Utilities	Rad
JN-3 - 2nd	3213	10.5	9	11.5	94.5	448.5	blinds 2	5	0.5	0.5	1	2	2.5	Remove Equip.	Rad

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
JN-3 - 2nd	3213	10.5	9	11.5	94.5	448.5	pipe	0.5	0.5	30	0.9	1	6.75	Utilities	Rad
JN-3 - 2nd	3213	10.5	9	11.5	94.5	448.5	pipe lead	0.5	0.5	30	0.1	1	0.75	Utilities	Hazard
JN-3 - 2nd	3213	10.5	9	11.5	94.5	448.5	miscell	2	2	7	0.5	1	14	Remove Equip.	Rad
JN-3 - 2nd	3213	10.5	9	11.5	94.5	448.5	miscell	2	2	7	0.5	1	14	Remove Equip.	Rad
JN-3 - 2nd	3213	10.5	9	11.5	94.5	448.5	duct	0.2	1	15	0.5	1	1.5	Utilities	Rad
JN-3 - 2nd	3213	10.5	9	11.5	94.5	448.5	duct	0.2	1	15	0.5	1	1.5	Utilities	Rad
JN-3 - 2nd	3212	10.5	9	11.5	94.5	448.5	lights 2	4	2	0.5	1	2	8	Utilities	Rad
JN-3 - 2nd	3212	10.5	9	11.5	94.5	448.5	ballast 2	0.5	0.2	1	1	2	0.2	Utilities	Hazard
JN-3 - 2nd	3212	10.5	9	11.5	94.5	448.5	bulbs 4	4	0.2	0.2	1	4	0.64	Utilities	Hazard
JN-3 - 2nd	3212	10.5	9	11.5	94.5	448.5	file 3	2	1.5	6	1	3	54	Remove Equip.	Rad
JN-3 - 2nd	3212	10.5	9	11.5	94.5	448.5	desks 3	5	1	3	1	3	45	Remove Equip.	Rad
JN-3 - 2nd	3212	10.5	9	11.5	94.5	448.5	chair 4	0.5	2	3	1	4	12	Remove Equip.	Rad
JN-3 - 2nd	3212	10.5	9	11.5	94.5	448.5	shelves 2	3	1	5	1	2	30	Remove Equip.	Rad
JN-3 - 2nd	3212	10.5	9	11.5	94.5	448.5	register	1	4	6	1	1	24	Utilities	Rad
JN-3 - 2nd	3212	10.5	9	11.5	94.5	448.5	blinds 2	5	0.5	0.5	1	2	2.5	Remove Equip.	Rad
JN-3 - 2nd	3212	10.5	9	11.5	94.5	448.5	pipe	0.5	0.5	30	0.9	1	6.75	Utilities	Rad
JN-3 - 2nd	3212	10.5	9	11.5	94.5	448.5	pipe lead	0.5	0.5	30	0.1	1	0.75	Utilities	Hazard
JN-3 - 2nd	3212	10.5	9	11.5	94.5	448.5	miscell	2	2	7	0.5	1	14	Remove Equip.	Rad
JN-3 - 2nd	3212	10.5	9	11.5	94.5	448.5	miscell	2	2	7	0.5	1	14	Remove Equip.	Rad
JN-3 - 2nd	3212	10.5	9	11.5	94.5	448.5	duct	0.2	1	15	0.5	1	1.5	Utilities	Rad
JN-3 - 2nd	3212	10.5	9	11.5	94.5	448.5	duct	0.2	1	15	0.5	1	1.5	Utilities	Rad
JN-3 - 2nd	3211	10.5	9	11.5	94.5	448.5	lights 2	4	2	0.5	1	2	8	Utilities	Rad
JN-3 - 2nd	3211	10.5	9	11.5	94.5	448.5	ballast 2	0.5	0.2	1	1	2	0.2	Utilities	Hazard
JN-3 - 2nd	3211	10.5	9	11.5	94.5	448.5	bulbs 4	4	0.2	0.2	1	4	0.64	Utilities	Hazard
JN-3 - 2nd	3211	10.5	9	11.5	94.5	448.5	file 1	2	1.5	6	1	1	18	Remove Equip.	Rad
JN-3 - 2nd	3211	10.5	9	11.5	94.5	448.5	desks 4	5	1	3	1	4	60	Remove Equip.	Rad
JN-3 - 2nd	3211	10.5	9	11.5	94.5	448.5	chair 4	0.5	2	3	1	4	12	Remove Equip.	Rad
JN-3 - 2nd	3211	10.5	9	11.5	94.5	448.5	shelves 1	3	1	5	1	1	15	Remove Equip.	Rad
JN-3 - 2nd	3211	10.5	9	11.5	94.5	448.5	partition	5	5	0.25	1	1	6.25	Remove Equip.	Rad
JN-3 - 2nd	3211	10.5	9	11.5	94.5	448.5	register	1	4	6	1	1	24	Utilities	Rad
JN-3 - 2nd	3211	10.5	9	11.5	94.5	448.5	blinds 2	5	0.5	0.5	1	2	2.5	Remove Equip.	Rad
JN-3 - 2nd	3211	10.5	9	11.5	94.5	448.5	pipe	0.5	0.5	30	0.9	1	6.75	Utilities	Rad
JN-3 - 2nd	3211	10.5	9	11.5	94.5	448.5	pipe lead	0.5	0.5	30	0.1	1	0.75	Utilities	Hazard
JN-3 - 2nd	3211	10.5	9	11.5	94.5	448.5	miscell	2	2	7	0.5	1	14	Remove Equip.	Rad
JN-3 - 2nd	3211	10.5	9	11.5	94.5	448.5	miscell	2	2	7	0.5	1	14	Remove Equip.	Rad
JN-3 - 2nd	3211	10.5	9	11.5	94.5	448.5	duct	0.2	1	15	0.5	1	1.5	Utilities	Rad
JN-3 - 2nd	3211	10.5	9	11.5	94.5	448.5	duct	0.2	1	15	0.5	1	1.5	Utilities	Rad
JN-3 - 2nd	3210	10.5	9	11.5	94.5	448.5	lights 2	4	2	0.5	1	2	8	Utilities	Rad
JN-3 - 2nd	3210	10.5	9	11.5	94.5	448.5	ballast 2	0.5	0.2	1	1	2	0.2	Utilities	Hazard
JN-3 - 2nd	3210	10.5	9	11.5	94.5	448.5	bulbs 4	4	0.2	0.2	1	4	0.64	Utilities	Hazard
JN-3 - 2nd	3210	10.5	9	11.5	94.5	448.5	file 2	2	1.5	6	1	2	36	Remove Equip.	Rad
JN-3 - 2nd	3210	10.5	9	11.5	94.5	448.5	desks 2	5	1	3	1	2	30	Remove Equip.	Rad

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
JN-3 - 2nd	3210	10.5	9	11.5	94.5	448.5	chair 2	0.5	2	3	1	2	6	Remove Equip.	Rad
JN-3 - 2nd	3210	10.5	9	11.5	94.5	448.5	shelves 2	3	1	5	1	2	30	Remove Equip.	Rad
JN-3 - 2nd	3210	10.5	9	11.5	94.5	448.5	register	1	4	6	1	1	24	Utilities	Rad
JN-3 - 2nd	3210	10.5	9	11.5	94.5	448.5	blinds 2	5	0.5	0.5	1	2	2.5	Remove Equip.	Rad
JN-3 - 2nd	3210	10.5	9	11.5	94.5	448.5	pipe	0.5	0.5	30	0.9	1	6.75	Utilities	Rad
JN-3 - 2nd	3210	10.5	9	11.5	94.5	448.5	pipe lead	0.5	0.5	30	0.1	1	0.75	Utilities	Hazard
JN-3 - 2nd	3210	10.5	9	11.5	94.5	448.5	miscell	2	2	7	0.5	1	14	Remove Equip.	Rad
JN-3 - 2nd	3210	10.5	9	11.5	94.5	448.5	miscell	2	2	7	0.5	1	14	Remove Equip.	Rad
JN-3 - 2nd	3210	10.5	9	11.5	94.5	448.5	duct	0.2	1	15	0.5	1	1.5	Utilities	Rad
JN-3 - 2nd	3210	10.5	9	11.5	94.5	448.5	duct	0.2	1	15	0.5	1	1.5	Utilities	Rad
JN-3 - 2nd	3218	20	14	11.5	280	782	lights 2	4	2	0.5	1	2	8	Utilities	Rad
JN-3 - 2nd	3218	20	14	11.5	280	782	ballast 2	0.5	0.2	1	1	2	0.2	Utilities	Hazard
JN-3 - 2nd	3218	20	14	11.5	280	782	bulbs 4	4	0.2	0.2	1	4	0.64	Utilities	Hazard
JN-3 - 2nd	3218	20	14	11.5	280	782	file 2	2	1.5	6	1	2	36	Remove Equip.	Rad
JN-3 - 2nd	3218	20	14	11.5	280	782	tables 7	5	2	1	1	7	70	Remove Equip.	Rad
JN-3 - 2nd	3218	20	14	11.5	280	782	chair 12	0.5	2	3	1	12	36	Remove Equip.	Rad
JN-3 - 2nd	3218	20	14	11.5	280	782	register 2	1	4	6	1	2	48	Utilities	Rad
JN-3 - 2nd	3218	20	14	11.5	280	782	blinds 2	5	0.5	0.5	1	2	2.5	Remove Equip.	Rad
JN-3 - 2nd	3218	20	14	11.5	280	782	fridge	4	3	7	1	1	84	Remove Equip.	Rad
JN-3 - 2nd	3218	20	14	11.5	280	782	pipe	0.5	0.5	12	0.9	4	10.8	Utilities	Rad
JN-3 - 2nd	3218	20	14	11.5	280	782	pipe lead	0.5	0.5	12	0.1	4	1.2	Utilities	Hazard
JN-3 - 2nd	3218	20	14	11.5	280	782	miscell	2	2	7	0.5	1	14	Remove Equip.	Rad
JN-3 - 2nd	3218	20	14	11.5	280	782	miscell	2	2	7	0.5	1	14	Remove Equip.	Rad
JN-3 - 2nd	3218	20	14	11.5	280	782	duct	0.2	2	30	0.5	1	6	Utilities	Rad
JN-3 - 2nd	3218	20	14	11.5	280	782	duct	0.2	2	30	0.5	1	6	Utilities	Rad
JN-3 - 2nd	3219	20	14	11.5	280	782	lights 4	4	2	0.5	1	4	16	Utilities	Rad
JN-3 - 2nd	3219	20	14	11.5	280	782	ballast 4	0.5	0.2	1	1	4	0.4	Utilities	Hazard
JN-3 - 2nd	3219	20	14	11.5	280	782	bulbs 8	4	0.2	0.2	1	8	1.28	Utilities	Hazard
JN-3 - 2nd	3219	20	14	11.5	280	782	benches	5	0.5	2	1	2	10	Remove Equip.	Rad
JN-3 - 2nd	3219	20	14	11.5	280	782	lockers 13	1	1.5	7	1	13	136.5	Remove Equip.	Rad
JN-3 - 2nd	3219	20	14	11.5	280	782	shelves	26	4	7	1	1	728	Remove Equip.	Rad
JN-3 - 2nd	3219	20	14	11.5	280	782	register	1	4	6	1	1	24	Utilities	Rad
JN-3 - 2nd	3219	20	14	11.5	280	782	blinds 2	5	0.5	0.5	1	2	2.5	Remove Equip.	Rad
JN-3 - 2nd	3219	20	14	11.5	280	782	pipe	0.5	0.5	25	0.9	1	5.625	Utilities	Rad
JN-3 - 2nd	3219	20	14	11.5	280	782	pipe lead	0.5	0.5	25	0.1	1	0.625	Utilities	Hazard
JN-3 - 2nd	3219	20	14	11.5	280	782	miscell	2	2	7	0.5	1	14	Remove Equip.	Rad
JN-3 - 2nd	3219	20	14	11.5	280	782	miscell	2	2	7	0.5	1	14	Remove Equip.	Rad
JN-3 - 2nd	3219	20	14	11.5	280	782	duct	0.2	1	20	0.5	1	2	Utilities	Rad
JN-3 - 2nd	3219	20	14	11.5	280	782	duct	0.2	1	20	0.5	1	2	Utilities	Rad
JN-3 - 2nd	3220	14	8	11.5	112	506	lights 2	4	2	0.5	1	2	8	Utilities	Rad
JN-3 - 2nd	3220	14	8	11.5	112	506	ballast 2	0.5	0.2	1	1	2	0.2	Utilities	Hazard
JN-3 - 2nd	3220	14	8	11.5	112	506	bulbs 4	4	0.2	0.2	1	4	0.64	Utilities	Hazard

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
JN-3 - 2nd	3220	14	8	11.5	112	506	file 3	2	1.5	6	1	3	54	Remove Equip.	Rad
JN-3 - 2nd	3220	14	8	11.5	112	506	wagons 4	2	4	2	1	4	64	Remove Equip.	Rad
JN-3 - 2nd	3220	14	8	11.5	112	506	chair 2	0.5	2	3	1	2	6	Remove Equip.	Rad
JN-3 - 2nd	3220	14	8	11.5	112	506	shelves 1	3	1	5	1	1	15	Remove Equip.	Rad
JN-3 - 2nd	3220	14	8	11.5	112	506	register	1	4	6	1	1	24	Utilities	Rad
JN-3 - 2nd	3220	14	8	11.5	112	506	blinds 2	5	0.5	0.5	1	2	2.5	Remove Equip.	Rad
JN-3 - 2nd	3220	14	8	11.5	112	506	pipe	0.5	0.5	30	0.9	1	6.75	Utilities	Rad
JN-3 - 2nd	3220	14	8	11.5	112	506	pipe lead	0.5	0.5	30	0.1	1	0.75	Utilities	Hazard
JN-3 - 2nd	3220	14	8	11.5	112	506	miscell	2	2	7	0.5	1	14	Remove Equip.	Rad
JN-3 - 2nd	3220	14	8	11.5	112	506	miscell	2	2	7	0.5	1	14	Remove Equip.	Rad
JN-3 - 2nd	3220	14	8	11.5	112	506	duct	0.2	1	10	0.5	1	1	Utilities	Rad
JN-3 - 2nd	3220	14	8	11.5	112	506	duct	0.2	1	10	0.5	1	1	Utilities	Rad
JN-3 - 2nd	Hall	80	8	11.5	640	2024	pipe	0.5	0.5	100	0.9	1	22.5	Utilities	Rad
JN-3 - 2nd	Hall	80	8	11.5	640	2024	pipe lead	0.5	0.5	100	0.1	1	2.5	Utilities	Hazard
JN-3 - 2nd	Hall	80	8	11.5	640	2024	transform	2	3	4	1	2	48	Utilities	Hazard
JN-3 - 2nd	Hall	80	8	11.5	640	2024	lights 5	4	2	0.5	1	5	20	Utilities	Rad
JN-3 - 2nd	Hall	80	8	11.5	640	2024	ballast 5	0.5	0.2	1	1	5	0.5	Utilities	Hazard
JN-3 - 2nd	Hall	80	8	11.5	640	2024	bulbs 10	4	0.2	0.2	1	10	1.6	Utilities	Hazard
JN-3 - 2nd	Hall	80	8	11.5	640	2024	lockers 10	1	1.5	7	1	10	105	Remove Equip.	Rad
JN-3 - 2nd	Hall	80	8	11.5	640	2024	shelves 4	3	2	7	1	4	168	Remove Equip.	Rad
JN-3 - 2nd	Hall	80	8	11.5	640	2024	desks 2	5	1	3	1	2	30	Remove Equip.	Rad
JN-3 - 2nd	Hall	80	8	11.5	640	2024	Drink Fountain	1.5	1.5	5	1	1	11.25	Utilities	Rad
JN-3 - 2nd	Hall	80	8	11.5	640	2024	register	1	4	6	1	1	24	Utilities	Rad
JN-3 - 2nd	Hall	80	8	11.5	640	2024	miscell	2	2	2	1	2	16	Remove Equip.	Rad
JN-3 - 2nd	Hall	80	8	11.5	640	2024	electrical	2	2	20	1	1	80	Utilities	Hazard
JN-3 - 1st	High Bay	70	46	15	3220	3480	lights 15	1	2	1	1	15	30	Utilities	Rad
JN-3 - 1st	High Bay	70	46	15	3220	3480	ballast 15	0.5	0.2	0.5	1	15	0.75	Utilities	Hazard
JN-3 - 1st	High Bay	70	46	15	3220	3480	bulbs 30	4	0.2	0.2	1	30	4.8	Utilities	Hazard
JN-3 - 1st	High Bay	70	46	15	3220	3480	tramsform	2	3	4	1	2	48	Utilities	Hazard
JN-3 - 1st	High Bay	70	46	15	3220	3480	duct	0.2	2	250	1	1	100	Utilities	Rad
JN-3 - 1st	High Bay	70	46	15	3220	3480	pipe	0.5	0.5	1660	0.9	1	373.5	Utilities	Rad
JN-3 - 1st	High Bay	70	46	15	3220	3480	pipe lead	0.5	0.5	1660	0.1	1	41.5	Utilities	Hazard
JN-3 - 1st	High Bay	70	46	15	3220	3480	miscell.	4	4	8	1	1	128	Remove Equip.	Rad
JN-3 - 1st	High Bay	70	46	15	3220	3480	electrical	0.5	0.5	40	1	4	40	Utilities	Rad
JN-3 - 1st	High Bay	70	46	15	3220	3480	cabinet	2	4	7	1	1	56	Remove Equip.	Hazard
JN-3 - 1st	High Bay	70	46	15	3220	3480	ladders	0.5	3	6	1	2	18	Remove Equip.	Rad
JN-3 - 1st	High Bay	42	23	15	966	1950	pipe	0.5	0.5	1000	0.9	1	225	Utilities	Rad
JN-3 - 1st	High Bay	42	23	15	966	1950	pipe lead	0.5	0.5	1000	0.1	1	25	Utilities	Hazard
JN-3 - 1st	High Bay	42	23	15	966	1950	miscell.	2	2	4	1	1	16	Remove Equip.	Rad
JN-3 - 1st	High Bay	42	23	15	966	1950	electrical	0.5	0.5	20	1	4	20	Utilities	Rad
JN-3 - 1st	Bioshield	26	43	30	1118	4140	structure	4140	1	8	1	1	33120	Structure	Rad
JN-3 - 1st	Reactor Pump	50	22	13	1100	1872	sump	3	3	3	1	1	27	Utilities	Rad
JN-3 - 1st	Reactor Pump	50	22	13	1100	1872	drum	2	2	5	1	1	20	Remove Equip.	Rad
JN-3 - 1st	Reactor Pump	50	22	13	1100	1872	lights 10	4	2	0.5	1	10	40	Utilities	Rad
JN-3 - 1st	Reactor Pump	50	22	13	1100	1872	ballast 10	0.5	0.2	1	1	10	1	Utilities	Hazard
JN-3 - 1st	Reactor Pump	50	22	13	1100	1872	bulbs 10	4	0.2	0.2	1	10	1.6	Utilities	Hazard
JN-3 - 1st	Reactor Pump	50	22	13	1100	1872	shelves	3	1	4	1	1	12	Remove Equip.	Rad

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
JN-3 - 1st	Reactor Pump	50	22	13	1100	1872	duct	0.2	1.5	15	1	1	4.5	Utilities	Rad
JN-3 - 1st	Reactor Pump	50	22	13	1100	1872	pipe	0.5	0.5	20	0.9	1	4.5	Utilities	Rad
JN-3 - 1st	Reactor Pump	50	22	13	1100	1872	pipe lead	0.5	0.5	20	0.1	1	0.5	Utilities	Hazard
JN-3 - 1st	Reactor Pump	50	22	13	1100	1872	miscell.	2	2	2	1	3	24	Remove Equip.	Rad
JN-3 - 1st	boiler	44	22	13	968	1716	cabinet	6	2	3	1	1	36	Remove Equip.	Rad
JN-3 - 1st	boiler	44	22	13	968	1716	duct	0.2	1.5	15	0.5	1	2.25	Utilities	Rad
JN-3 - 1st	boiler	44	22	13	968	1716	duct	0.2	1.5	15	0.5	1	2.25	Utilities	Rad
JN-3 - 1st	boiler	44	22	13	968	1716	pipe	0.5	0.5	1000	0.9	1	225	Utilities	Rad
JN-3 - 1st	boiler	44	22	13	968	1716	pipe lead	0.5	0.5	1000	0.1	1	25	Utilities	Hazard
JN-3 - 1st	boiler	44	22	13	968	1716	miscell.	2	2	5	1	1	20	Remove Equip.	Rad
JN-3 - 1st	boiler	44	22	13	968	1716	lights merc	4	2	0.5	1	8	32	Utilities	Rad
JN-3 - 1st	boiler	44	22	13	968	1716	ballast 8	0.5	0.2	1	1	8	0.8	Utilities	Hazard
JN-3 - 1st	boiler	44	22	13	968	1716	bulbs 8	4	0.2	0.2	1	8	1.28	Utilities	Hazard
JN-3 - 1st	boiler	44	22	13	968	1716	electrical	0.5	0.5	40	1	1	10	Utilities	Rad
JN-3 - 1st	boiler	44	22	13	968	1716	file 2	2	1.5	6	1	2	36	Remove Equip.	Rad
JN-3 - 1st	boiler	44	22	13	968	1716	desks 2	5	1	3	1	2	30	Remove Equip.	Rad
JN-3 - 1st	boiler	44	22	13	968	1716	chair 2	0.5	2	3	1	2	6	Remove Equip.	Rad
JN-3 - 1st	boiler	44	22	13	968	1716	boiler	6	10	7	1	1	420	Utilities	Rad
JN-3 - 1st	boiler	44	22	13	968	1716	boiler	1	0.5	0.25	1	500	62.5	Utilities	Hazard
JN-3 - 1st	boiler	44	22	13	968	1716	water heater	1.5	1.5	5	1	1	11.25	Utilities	Rad
JN-3 - 1st	boiler	44	22	13	968	1716	air comp	5	3	4	1	1	60	Utilities	Rad
JN-3 -2nd	3214	8	10	13	80	468	lights 2	4	2	0.5	1	2	8	Utilities	Rad
JN-3 -2nd	3214	8	10	13	80	468	ballast 2	0.5	0.2	1	1	2	0.2	Utilities	Hazard
JN-3 -2nd	3214	8	10	13	80	468	bulbs 4	4	0.2	0.2	1	4	0.64	Utilities	Hazard
JN-3 -2nd	3214	8	10	13	80	468	files 2	2	1.5	6	1	2	36	Remove Equip.	Rad
JN-3 -2nd	3214	8	10	13	80	468	desk 4	5	2	3	1	4	120	Remove Equip.	Rad
JN-3 -2nd	3214	8	10	13	80	468	chair 4	0.5	2	3	1	4	12	Remove Equip.	Rad
JN-3 -2nd	3214	8	10	13	80	468	duct	0.2	1.5	10	0.5	1	1.5	Utilities	Rad
JN-3 -2nd	3214	8	10	13	80	468	duct	0.2	1.5	10	0.5	1	1.5	Utilities	Rad
JN-3 -2nd	3214	8	10	13	80	468	pipe	0.5	0.5	20	0.9	1	4.5	Utilities	Rad
JN-3 -2nd	3214	8	10	13	80	468	pipe lead	0.5	0.5	20	0.1	1	0.5	Utilities	Hazard
JN-3 -2nd	3214	8	10	13	80	468	miscell.	2	2	2	1	1	8	Remove Equip.	Rad
JN-3 - 2nd	3214W	8	10	13	80	468	lights 2	4	2	0.5	1	2	8	Utilities	Rad
JN-3 - 2nd	3214W	8	10	13	80	468	ballast 2	0.5	0.2	1	1	2	0.2	Utilities	Hazard
JN-3 - 2nd	3214W	8	10	13	80	468	bulbs 4	4	0.2	0.2	1	4	0.64	Utilities	Hazard
JN-3 - 2nd	3214W	8	10	13	80	468	file 1	2	1.5	6	1	1	18	Remove Equip.	Rad
JN-3 - 2nd	3214W	8	10	13	80	468	cabinet	2	3	6	1	5	180	Remove Equip.	Rad
JN-3 - 2nd	3214W	8	10	13	80	468	register	1	4	6	1	1	24	Utilities	Rad
JN-3 - 2nd	3214W	8	10	13	80	468	blinds	5	0.5	0.5	1	1	1.25	Remove Equip.	Rad
JN-3 - 2nd	3214W	8	10	13	80	468	pipe	0.5	0.5	10	0.9	1	2.25	Utilities	Rad
JN-3 - 2nd	3214W	8	10	13	80	468	pipe lead	0.5	0.5	10	0.1	1	0.25	Utilities	Hazard
JN-3 - 2nd	3214W	8	10	13	80	468	miscell	2	2	4	1	1	16	Remove Equip.	Rad
JN-3 - 2nd	3214W	8	10	13	80	468	duct	0.2	1	10	0.5	1	1	Utilities	Rad
JN-3 - 2nd	3214W	8	10	13	80	468	duct	0.2	1	10	0.5	1	1	Utilities	Rad
JN-3 - 2nd	3215	24	10	13	240	884	lights 5	4	2	0.5	1	5	20	Utilities	Rad
JN-3 - 2nd	3215	24	10	13	240	884	ballast 5	0.5	0.2	1	1	5	0.5	Utilities	Hazard
JN-3 - 2nd	3215	24	10	13	240	884	bulbs 10	4	0.2	0.2	1	10	1.6	Utilities	Hazard
JN-3 - 2nd	3215	24	10	13	240	884	cabinet	2	3	6	1	1	36	Remove Equip.	Rad
JN-3 - 2nd	3215	24	10	13	240	884	shelves	1.5	4	4	1	2	48	Remove Equip.	Rad
JN-3 - 2nd	3215	24	10	13	240	884	desk 2	5	2	3	1	2	60	Remove Equip.	Rad

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
JN-3 - 2nd	3215	24	10	13	240	884	chair 2	0.5	2	3	1	2	6	Remove Equip.	Rad
JN-3 - 2nd	3215	24	10	13	240	884	fumehood	6	4.5	8	1	1	216	Utilities	Rad
JN-3 - 2nd	3215	24	10	13	240	884	55-gal drums	2	2	5	1	6	120	Remove Equip.	Rad
JN-3 - 2nd	3215	24	10	13	240	884	register	1	4	6	1	1	24	Utilities	Rad
JN-3 - 2nd	3215	24	10	13	240	884	blinds	5	0.5	0.5	1	2	2.5	Remove Equip.	Rad
JN-3 - 2nd	3215	24	10	13	240	884	pipe	0.5	0.5	150	0.9	1	33.75	Utilities	Rad
JN-3 - 2nd	3215	24	10	13	240	884	pipe lead	0.5	0.5	150	0.1	1	3.75	Utilities	Hazard
JN-3 - 2nd	3215	24	10	13	240	884	miscell	2	2	4	1	2	32	Remove Equip.	Rad
JN-3 - 2nd	3215	24	10	13	240	884	duct	0.2	1	10	0.5	1	1	Utilities	Rad
JN-3 - 2nd	3215	24	10	13	240	884	duct	0.2	1	10	0.5	1	1	Utilities	Rad
JN-3 - 2nd	3223	10	10	13	100	520	lights 2	4	2	0.5	1	2	8	Utilities	Rad
JN-3 - 2nd	3223	10	10	13	100	520	ballast 2	0.5	0.2	1	1	2	0.2	Utilities	Hazard
JN-3 - 2nd	3223	10	10	13	100	520	bulbs 4	4	0.2	0.2	1	4	0.64	Utilities	Hazard
JN-3 - 2nd	3223	10	10	13	100	520	desk 2	5	2	3	1	2	60	Remove Equip.	Rad
JN-3 - 2nd	3223	10	10	13	100	520	chair 2	0.5	2	3	1	2	6	Remove Equip.	Rad
JN-3 - 2nd	3223	10	10	13	100	520	cabinet	2	3	6	1	2	72	Remove Equip.	Rad
JN-3 - 2nd	3223	10	10	13	100	520	register	1	4	6	1	1	24	Utilities	Rad
JN-3 - 2nd	3223	10	10	13	100	520	blinds	5	0.5	0.5	1	1	1.25	Remove Equip.	Rad
JN-3 - 2nd	3223	10	10	13	100	520	pipe	0.5	0.5	10	0.9	1	2.25	Utilities	Rad
JN-3 - 2nd	3223	10	10	13	100	520	pipe lead	0.5	0.5	10	0.1	1	0.25	Utilities	Hazard
JN-3 - 2nd	3223	10	10	13	100	520	miscell	2	2	4	1	1	16	Remove Equip.	Rad
JN-3 - 2nd	3223	10	10	13	100	520	duct	0.2	1	10	0.5	1	1	Utilities	Rad
JN-3 - 2nd	3223	10	10	13	100	520	duct	0.2	1	10	0.5	1	1	Utilities	Rad
JN-3 - 2nd	High Bay	42	46	15	1932	2640	lights merc	1	2	1	1	30	60	Utilities	Rad
JN-3 - 2nd	High Bay	42	46	15	1932	2640	ballast 30	0.5	0.2	0.5	1	30	1.5	Utilities	Hazard
JN-3 - 2nd	High Bay	42	46	15	1932	2640	bulbs 30	4	0.2	0.2	1	30	4.8	Utilities	Hazard
JN-3 - 2nd	High Bay	42	46	15	1932	2640	tramsform	2	3	4	1	2	48	Utilities	Hazard
JN-3 - 2nd	High Bay	42	46	15	1932	2640	duct	0.2	2	250	1	1	100	Utilities	Rad
JN-3 - 2nd	High Bay	42	46	15	1932	2640	pipe	0.5	0.5	660	0.9	1	148.5	Utilities	Rad
JN-3 - 2nd	High Bay	42	46	15	1932	2640	pipe lead	0.5	0.5	660	0.1	1	16.5	Utilities	Hazard
JN-3 - 2nd	High Bay	42	46	15	1932	2640	miscell.	2	2	4	1	20	320	Remove Equip.	Rad
JN-3 - 2nd	High Bay	42	46	15	1932	2640	electrical	0.5	0.5	40	1	4	40	Utilities	Rad
JN-3 - 2nd	High Bay	42	46	15	1932	2640	55-gal drums	2	2	5	1	1	20	Remove Equip.	Rad
JN-3 - 2nd	High Bay	42	46	15	1932	2640	ladders	0.5	3	6	1	2	18	Remove Equip.	Rad
JN-3 - 2nd	High Bay	42	46	15	1932	2640	bridge crane	75	6	5	1	1	2250	Utilities	Rad
JN-3 - 2nd	3221	10	15	13	150	650	lights 2	4	2	0.5	1	2	8	Utilities	Rad
JN-3 - 2nd	3221	10	15	13	150	650	ballast 2	0.5	0.2	1	1	2	0.2	Utilities	Hazard
JN-3 - 2nd	3221	10	15	13	150	650	bulbs 4	4	0.2	0.2	1	4	0.64	Utilities	Hazard
JN-3 - 2nd	3221	10	15	13	150	650	desk 4	5	2	3	1	4	120	Remove Equip.	Rad
JN-3 - 2nd	3221	10	15	13	150	650	chair 5	0.5	2	3	1	5	15	Remove Equip.	Rad
JN-3 - 2nd	3221	10	15	13	150	650	cabinet	2	3	6	1	1	36	Remove Equip.	Rad
JN-3 - 2nd	3221	10	15	13	150	650	shelves	3	1.5	4	1	3	54	Remove Equip.	Rad

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
JN-3 - 2nd	3221	10	15	13	150	650	register	1	4	6	1	1	24	Utilities	Rad
JN-3 - 2nd	3221	10	15	13	150	650	blinds	5	0.5	0.5	1	1	1.25	Remove Equip.	Rad
JN-3 - 2nd	3221	10	15	13	150	650	pipe	0.5	0.5	800	0.9	1	180	Utilities	Rad
JN-3 - 2nd	3221	10	15	13	150	650	pipe lead	0.5	0.5	800	0.1	1	20	Utilities	Hazard
JN-3 - 2nd	3221	10	15	13	150	650	miscell	2	2	4	1	1	16	Remove Equip.	Rad
JN-3 - 2nd	3221	10	15	13	150	650	duct	0.2	3	30	1	1	18	Utilities	Rad
JN-3 - 2nd	3221	10	15	13	150	650	phone center	2	1	5	1	1	10	Utilities	Rad
JN-3 - 3rd	3301	24	10	13	240	884	lights 5	4	2	0.5	1	5	20	Utilities	Rad
JN-3 - 3rd	3301	24	10	13	240	884	ballast 5	0.5	0.2	1	1	5	0.5	Utilities	Hazard
JN-3 - 3rd	3301	24	10	13	240	884	bulbs 10	4	0.2	0.2	1	10	1.6	Utilities	Hazard
JN-3 - 3rd	3301	24	10	13	240	884	register	1	4	6	1	3	72	Utilities	Rad
JN-3 - 3rd	3301	24	10	13	240	884	blinds	5	0.5	0.5	1	1	1.25	Remove Equip.	Rad
JN-3 - 3rd	3301	24	10	13	240	884	pipe	0.5	0.5	50	0.9	1	11.25	Utilities	Rad
JN-3 - 3rd	3301	24	10	13	240	884	pipe lead	0.5	0.5	50	0.1	1	1.25	Utilities	Hazard
JN-3 - 3rd	3301	24	10	13	240	884	miscell	2	2	2	1	1	8	Remove Equip.	Rad
JN-3 - 3rd	3301	24	10	13	240	884	duct	0.2	3	10	1	1	6	Utilities	Rad
JN-3 - 3rd	3301	24	10	13	240	884	heater	1	2	2	1	1	4	Utilities	Rad
JN-3 - 3rd	3302	24	10	13	240	884	lights 5	4	2	0.5	1	5	20	Utilities	Rad
JN-3 - 3rd	3302	24	10	13	240	884	ballast 5	0.5	0.2	1	1	5	0.5	Utilities	Hazard
JN-3 - 3rd	3302	24	10	13	240	884	bulbs 10	4	0.2	0.2	1	10	1.6	Utilities	Hazard
JN-3 - 3rd	3302	24	10	13	240	884	register	1	4	6	1	3	72	Utilities	Rad
JN-3 - 3rd	3302	24	10	13	240	884	blinds	5	0.5	0.5	1	1	1.25	Remove Equip.	Rad
JN-3 - 3rd	3302	24	10	13	240	884	bins	5	5	6	1	5	750	Remove Equip.	Rad
JN-3 - 3rd	3302	24	10	13	240	884	hose	4	4	2	1	4	128	Remove Equip.	Rad
JN-3 - 3rd	3302	24	10	13	240	884	pipe	0.5	0.5	50	0.9	1	11.25	Utilities	Rad
JN-3 - 3rd	3302	24	10	13	240	884	pipe lead	0.5	0.5	50	0.1	1	1.25	Utilities	Hazard
JN-3 - 3rd	3302	24	10	13	240	884	miscell	2	2	2	1	1	8	Remove Equip.	Rad
JN-3 - 3rd	3302	24	10	13	240	884	duct	0.2	3	10	1	1	6	Utilities	Rad
JN-3	Landings	4	5	90	20	1620	miscell.	3	1	5	0.5	1	7.5	Remove Equip.	Rad
JN-3	Landings	4	5	90	20	1620	miscell.	3	1	5	0.5	1	7.5	Remove Equip.	Rad
JN-3	Landings	4	5	90	20	1620	lights 6	4	2	0.5	1	6	24	Utilities	Rad
JN-3	Landings	4	5	90	20	1620	ballast 6	0.5	0.2	1	1	6	0.6	Utilities	Hazard
JN-3	Landings	4	5	90	20	1620	bulbs 12	4	0.2	0.2	1	12	1.92	Utilities	Hazard
JN-3	Landings	4	5	90	20	1620	register 2	1	6	4	1	2	48	Utilities	Rad
JN-3 - 3rd	High Bay	42	46	15	1932	2640	lights 6	4	2	0.5	1	6	24	Utilities	Rad
JN-3 - 3rd	High Bay	42	46	15	1932	2640	ballast 6	0.5	0.2	1	1	6	0.6	Utilities	Hazard
JN-3 - 3rd	High Bay	42	46	15	1932	2640	bulbs 12	4	0.2	0.2	1	12	1.92	Utilities	Hazard
JN-3 - 3rd	High Bay	42	46	15	1932	2640	tramsform	2	3	4	1	3	72	Utilities	Hazard
JN-3 - 3rd	High Bay	42	46	15	1932	2640	duct	0.2	2	500	1	1	200	Utilities	Rad
JN-3 - 3rd	High Bay	42	46	15	1932	2640	pipe	0.5	0.5	250	0.9	1	56.25	Utilities	Rad
JN-3 - 3rd	High Bay	42	46	15	1932	2640	pipe lead	0.5	0.5	250	0.1	1	6.25	Utilities	Rad
JN-3 - 3rd	High Bay	42	46	15	1932	2640	miscell.	2	2	4	1	25	400	Remove Equip.	Rad
JN-3 - 3rd	High Bay	42	46	15	1932	2640	electrical	0.5	0.5	200	1	6	300	Utilities	Rad
JN-3 - 3rd	High Bay	42	46	15	1932	2640	55-gal drums	2	2	5	1	6	120	Remove Equip.	Rad
JN-3 - 3rd	High Bay	42	46	15	1932	2640	ladders	0.5	3	6	1	2	18	Remove Equip.	Rad
JN-3 - 3rd	High Bay	42	46	15	1932	2640	tent	100	0.5	10	1	1	500	Remove Equip.	Rad
JN-3 - 3rd	High Bay	42	46	15	1932	2640	toolboxes	5	2	5	1	4	200	Remove Equip.	Rad
JN-3 - 3rd	High Bay	42	46	15	1932	2640	registers	1	4	6	1	10	240	Utilities	Rad
JN-3 - 3rd	High Bay	42	46	15	1932	2640	jan closet	2	4	4	1	1	32	Utilities	Rad
JN-3 - 2nd	Annex	42	46	25	1932	4400	light sock	4	2	0.5	1	6	24	Utilities	Rad
JN-3 - 2nd	Annex	42	46	25	1932	4400	ballast 6	0.5	0.2	1	1	6	0.6	Utilities	Hazard
JN-3 - 2nd	Annex	42	46	25	1932	4400	bulbs 6	4	0.2	0.2	1	6	0.96	Utilities	Hazard
JN-3 - 2nd	Annex	42	46	25	1932	4400	tramsform	2	3	4	1	1	24	Utilities	Hazard
JN-3 - 2nd	Annex	42	46	25	1932	4400	lights 6	4	2	0.5	1	6	24	Utilities	Rad

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
JN-3 - 2nd	Annex	42	46	25	1932	4400	ballast 6	0.5	0.2	1	1	6	0.6	Utilities	Hazard
JN-3 - 2nd	Annex	42	46	25	1932	4400	bulbs 12	4	0.2	0.2	1	12	1.92	Utilities	Hazard
JN-3 - 2nd	Annex	42	46	25	1932	4400	duct	0.2	2	20	1	1	8	Utilities	Rad
JN-3 - 2nd	Annex	42	46	25	1932	4400	pipe	0.5	0.5	1200	0.9	1	270	Utilities	Rad
JN-3 - 2nd	Annex	42	46	25	1932	4400	pipe lead	0.5	0.5	1200	0.1	1	30	Utilities	Hazard
JN-3 - 2nd	Annex	42	46	25	1932	4400	miscell.	2	2	2	1	10	80	Remove Equip.	Rad
JN-3 - 2nd	Annex	42	46	25	1932	4400	electrical	0.5	0.5	1000	1	1	250	Utilities	Rad
JN-3 - 2nd	Annex	42	46	25	1932	4400	ladders	0.5	3	6	1	8	72	Remove Equip.	Rad
JN-3 - 2nd	Annex	42	46	25	1932	4400	pallets	3	4	2	1	7	168	Remove Equip.	Rad
JN-3 - 2nd	Annex	42	46	25	1932	4400	filters	2	2	3	1	7	84	Remove Equip.	Rad
JN-3 - 2nd	Annex	42	46	25	1932	4400	boxes	2	2	2	1	7	56	Remove Equip.	Rad
JN-3 - 2nd	Annex	42	46	25	1932	4400	cleaner	1	1	2	1	28	56	Remove Equip.	Rad
JN-3 - 2nd	Annex	42	46	25	1932	4400	toolboxes	3	5	5	1	2	150	Remove Equip.	Rad
JN-3 - 2nd	Annex	42	46	25	1932	4400	generator	4	12	7	1	1	336	Remove Equip.	Rad
JN-3 - 2nd	Annex	42	46	25	1932	4400	kubota	20	7	9	1	1	1260	Remove Equip.	Rad
JN-3 - 2nd	Annex	42	46	25	1932	4400	chair	0.5	2	3	1	3	9	Remove Equip.	Rad
JN-3 - 2nd	Annex	42	46	25	1932	4400	lift	3	4	7	1	1	84	Remove Equip.	Rad
JN-3 - 2nd	Annex	42	46	25	1932	4400	heaters	3	2	3	1	7	126	Utilities	Rad

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
JN-2	undergrnd drain	60	90	3	5400	N/A	4" vcp	400	0.33	0.33	1	1	43.56	Utilities	Rad
JN-3	undergrnd drain	110	75	3	8250	N/A	4" vcp	680	0.33	0.33	1	1	74.052	Utilities	Rad
JN-3 ADD	undergrnd drain	45	40	3	1800	N/A	4" vcp	72	0.33	0.33	1	1	7.8408	Utilities	Rad
JN-1 A	undergrnd drain	100	70	3	7000	N/A	4" vcp & ci	760	0.33	0.33	1	1	82.764	Utilities	Rad
JN-1 OFF	undergrnd drain	70	70	3	4900	N/A	4" vcp	188	0.33	0.33	1	1	20.4732	Utilities	Rad
JN-1 DOCK	undergrnd drain	70	40	3	2800	N/A	4" vcp	200	0.33	0.33	1	1	21.78	Utilities	Rad
JN-1 WSS	undergrnd drain	50	40	3	2000	N/A	4" vcp	0	0.33	0.33	1	1	0	Utilities	Rad
JN-1 B	undergrnd drain	80	70	3	5600	N/A	4" vcp & ci	232	0.33	0.33	1	1	25.2648	Utilities	Rad
JN-2	asbestos windows	60	90	N/A	5400	N/A	WINDOW	7	7	0.5	1	17.5	428.75	Utilities	Asbestos
JN-3	asbestos windows	135	75	N/A	10125	N/A	WINDOW	7	7	0.5	1	38.5	943.25	Utilities	Asbestos
JN-1	asbestos windows	330	70	N/A	23100	N/A	WINDOW	7	7	0.5	1	15	367.5	Utilities	Asbestos
Old Guard	asbestos windows	8	8	N/A	64	N/A	WINDOW	4	2.5	0.5	1	12	60	Utilities	Asbestos
JN-2	roof flashing	60	90	N/A	5400	N/A	Roof	384	2	0.1	1	1	76.8	Utilities	Hazard
JN-3	roof flashing	110	75	N/A	8250	N/A	Roof	570	2	0.1	1	1	114	Utilities	Hazard
JN-3 ADD	roof flashing	45	40	N/A	1800	N/A	Roof	170	2	0.1	1	1	34	Utilities	Hazard
JN-1 A	roof flashing	100	70	N/A	7000	N/A	Roof	400	2	0.1	1	1	80	Utilities	Hazard
JN-1 OFF	roof flashing	70	70	N/A	4900	N/A	Roof	280	2	0.1	1	1	56	Utilities	Hazard
JN-1 DOCK	roof flashing	70	40	N/A	2800	N/A	Roof	125	2	0.1	1	1	25	Utilities	Hazard
JN-1 B	roof flashing	80	70	N/A	5600	N/A	Roof	300	2	0.1	1	1	60	Utilities	Hazard
JN-2	Roof Equip	4	4	3	16	N/A	HVAC	4	4	3	1	3	144	Utilities	Rad
JN-2	Roof Equip	4	2	3	8	N/A	Blower	4	2	3	1	14	336	Utilities	Rad
JN-2	Roof Equip	4	1.25	1	5	N/A	Stack	4	1.25	1	1	31	155	Utilities	Rad
JN-2	Roof Equip	2	2	2	4	N/A	miscell	2	2	2	1	3	24	Utilities	Rad
JN-3	Roof Equip	120	0.1	1	12	N/A	Duct/ stacks	120	0.1	1	1	1	12	Utilities	Rad
JN-3	Roof Equip	4	3	3	12	N/A	Blower	4	3	3	1	10	360	Utilities	Rad
JN-3	Roof Equip	0	20	0.2	0.2	N/A	miscell	20	0.2	0.2	1	8	6.4	Utilities	Rad
JN-1 A	Roof Equip	11	5	5	55	N/A	HVAC	11	5	5	1	1	275	Utilities	Rad
JN-1 A	Roof Equip	50	0.1	1	5	N/A	duct	50	0.1	1	1	1	5	Utilities	Rad
JN-1 A	Roof Equip	3	3	3	9	N/A	Blowers	3	3	3	1	9	243	Utilities	Rad
JN-1	Roof Equip	20	8	8	160	N/A	HVAC	20	8	8	1	2	2560	Utilities	Rad
JN-1	Roof Equip	104	1	0.5	104	N/A	Piping	104	1	0.5	1	2	104	Utilities	Rad
JN-1	Roof Equip	3	3	3	9	N/A	Blowers	3	3	3	1	8	216	Utilities	Rad
JN-1	Roof Equip	2	6	0.2	12	N/A	Miscell walkways	2	6	0.2	1	9	21.6	Utilities	Rad
JN-1	Roof Equip	72	0.1	1	7.2	N/A	Duct	72	0.1	1	1	1	7.2	Utilities	Rad
JN-1	Roof Equip	4	2	1	8	N/A	Electric	4	2	1	1	4	32	Utilities	Rad
JN-1 B	Roof Equip	2	2	10	4	N/A	stack	2	0.2	10	1	1	4	Utilities	Rad
JN-1 B	Roof Equip	1.5	1.5	1	2.25	N/A	lights	1.5	1.5	1	1	4	9	Utilities	Rad
JN-1 B	Roof Equip	3	1	1	3	N/A	Cameras/ Evap	1	1	3	1	3	9	Utilities	Rad
JN-2 Perimeter	Land scape	12	4	3	48	N/A	shrubs	12	4	3	1	1	144	Demo	Non-Rad
JN-2 Perimeter	Land scape	20	6	7	120	N/A	shrubs	20	6	7	1	1	840	Demo	Non-Rad
JN-2 Perimeter	Land scape	5	3	4	15	N/A	trees	5	3	4	1	3	180	Demo	Non-Rad
JN-3 Perimeter	Land scape	20	6	7	120	N/A	shrubs	20	6	7	1	1	840	Demo	Non-Rad

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
JN-3 Perimeter	Land scape	4	4	4	16	N/A	shrubs	4	4	4	1	11	704	Demo	Non-Rad
JN-3 Perimeter	Land scape	5	3	4	15	N/A	trees	5	3	4	1	2	120	Demo	Non-Rad
JN-1 Perimeter	Land scape	30	3	3	90	N/A	shrubs	30	3	3	1	1	270	Demo	Non-Rad
JN-1 Perimeter	Land scape	30	3	3	90	N/A	shrubs	30	3	3	1	1	270	Demo	Non-Rad
JN-1 Perimeter	Land scape	40	3	4	120	N/A	shrubs	40	3	3	1	1	360	Demo	Non-Rad
JN-1 Perimeter	Land scape	5	3	4	15	N/A	trees	5	3	4	1	7	420	Demo	Non-Rad
JN-2	Demo	60	90	45	5400	13500	steel frame	5400	1	1	1	1	5400	Demo	Non-Rad
JN-2	Demo	60	90	45	5400	13500	concrete rubble	24705	1	1	1	1	24705	Demo	Non-Rad
JN-2	Demo	60	90	45	5400	13500	Masonary rubble	8775	1	1	1	1	8775	Demo	Non-Rad
JN-2	Demo	60	90	45	5400	13500	Wood scrap	506	0.5	8	1	1	2024	Demo	Non-Rad
JN-2	Demo	60	90	45	5400	13500	Miscell debris	45900	1	1	1	1	45900	Demo	Non-Rad
JN-2	Demo	60	90	45	5400	13500	Slab on grade	4730	1	1	1	1	4730	Demo	Non-Rad
JN-2	Demo	60	90	45	5400	13500	grade beam	2817	1.5	1.5	1	1	6338.25	Demo	Non-Rad
JN-2	Demo	60	90	45	5400	13500	wall and footer	2115	1	1	1	1	2115	Demo	Non-Rad
JN-2	Demo	60	90	45	5400	13500	footer columns	7968	1	1	1	1	7968	Demo	Non-Rad
JN-2	Demo	60	90	45	5400	13500	soil excavate	123466	1	1	1	1	123466	Demo	Non-Rad
JN-3	Demo	135	75	55	10125	23100	steel frame	5940	1	1	1	1	5940	Demo	Non-Rad
JN-3	Demo	135	75	55	10125	23100	concrete rubble	39000	1	1	1	1	39000	Demo	Non-Rad
JN-3	Demo	135	75	55	10125	23100	Masonary rubble	9720	1	1	1	1	9720	Demo	Non-Rad
JN-3	Demo	135	75	55	10125	23100	Wood scrap	1013	0.5	8	1	1	4052	Demo	Non-Rad
JN-3	Demo	135	75	55	10125	23100	Miscell debris	64800	1	1	1	1	64800	Demo	Non-Rad
JN-3	Demo	135	75	55	10125	23100	Slab on grade	25350	1	1	1	1	25350	Demo	Non-Rad
JN-3	Demo	135	75	55	10125	23100	grade beam	8012	1.5	1.5	1	1	18027	Demo	Non-Rad
JN-3	Demo	135	75	55	10125	23100	wall and footer	7652	1	1	1	1	7652	Demo	Non-Rad
JN-3	Demo	135	75	55	10125	23100	footer columns	8500	1	1	1	1	8500	Demo	Non-Rad
JN-3	Demo	135	75	55	10125	23100	soil excavate	180000	1	1	1	1	180000	Demo	Non-Rad
JN-1	Demo	330	70	55	23100	44000	steel frame	9234	1	1	1	1	9234	Demo	Non-Rad
JN-1	Demo	330	70	55	23100	44000	concrete rubble	29420	1	1	1	1	29420	Demo	Non-Rad
JN-1	Demo	330	70	55	23100	44000	Masonary rubble	15120	1	1	1	1	15120	Demo	Non-Rad
JN-1	Demo	330	70	55	23100	44000	Wood scrap	6291	0.5	8	1	1	25164	Demo	Non-Rad
JN-1	Demo	330	70	55	23100	44000	Miscell debris	71712	1	1	1	1	71712	Demo	Non-Rad
JN-1	Demo	330	70	55	23100	44000	Slab on grade	16792	1	1	1	1	16792	Demo	Non-Rad
JN-1	Demo	330	70	55	23100	44000	grade beam	15682	1.5	1.5	1	1	35284.5	Demo	Non-Rad
JN-1	Demo	330	70	55	23100	44000	wall and footer	8381	1	1	1	1	8381	Demo	Non-Rad
JN-1	Demo	330	70	55	23100	44000	footer columns	21357	1	1	1	1	21357	Demo	Non-Rad
JN-1	Demo	330	70	55	23100	44000	soil excavate	864000	1	1	1	1	864000	Demo	Non-Rad
Ext. Areas	Facilities	40	15	20	600	2200	JN-1 Sheep Sh	3200	1	1	1	1	3200	Demo	Rad
Ext. Areas	Facilities	40	14	10	560	1080	Storage trailer	2200	1	1	1	1	2200	Demo	Non-Rad
Ext. Areas	Facilities	8	8	10	64	320	O Guard House	384	1	1	1	1	384	Demo	Non-Rad
Ext. Areas	Facilities	40	14	10	560	1080	Dosimetry Trailer	2200	1	1	1	1	2200	Demo	Non-Rad
Ext. Areas	Facilities	8	4	5	32	120	JN-1 New Diesel	184	1	1	1	1	184	Decon	Free Release
Ext. Areas	Facilities	9	4	9	36	234	emerg gen JN-1	9	4	9	1	1	324	Decon	Free Release

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
Ext. Areas	Facilities	40	14	10	560	1080	Break Trailer	2200	1	1	1	1	2200	Decon	Free Release
Ext. Areas	Facilities	26	14	12	364	960	N. Well House	26	14	12	1	1	4368	Decon	Free Release
Ext. Areas	Facilities	18	12	8	216	480	JN-2 Sub Station	18	12	8	1	1	1728	Decon	Free Release
Ext. Areas	Facilities	6	6	5	36	120	JN-2 Transform	6	6	5	1	1	180	Decon	Free Release
Ext. Areas	Facilities	6	3	5	18	90	emerg gen JN-2	6	3	5	1	1	90	Decon	Free Release
Ext. Areas	Facilities	18	18	18	324	1296	JN-6 Gd House	18	18	18	1	1	5832	Decon	Free Release
Ext. Areas	Facilities	6	3	5	18	90	emerg gen JN-6	6	3	5	1	1	90	Decon	Free Release
Ext. Areas	Facilities	40	14	10	560	1080	Oth Trailers	2200	1	1	1	1	2200	Decon	Free Release
Ext. Areas	Facilities	20	8	10	160	560	Sea/Land	20	8	10	1	10	16000	Decon	Free Release
Ext. Areas	Facilities	16	7	9	112	414	Temp Sub JN-1	16	7	9	1	1	1008	Decon	Free Release
Ext. Areas	Facilities	10	6	7	60	224	Breath Air	10	6	7	1	1	420	Decon	Free Release
Ext. Areas	Facilities	120	36	0	4320	N/A	JN-1 Boneyard	90	24	6	1	1	12960	Decon	Free Release
Ext. Areas	Facilities	6	6	6	36	N/A	White HICS	6	6	6	1	24	5184	Decon	Free Release
Ext. Areas	Grounds	338	0.5	0.5	169	N/A	Aban Dis Pipe	338	3	8	1	1	8112	Demo	Rad
Ext. Areas	Grounds	60	40	1	2400	N/A	Abn Filt Bed	60	40	14	1	1	33600	Demo	Rad
Ext. Areas	Grounds	60	40	1	2400	N/A	Abn Mid Filt Bed	60	40	14	1	1	33600	Demo	Rad
Ext. Areas	Grounds	45	25	1	1125	N/A	Abn N Filt Bed	45	25	6	1	1	6750	Demo	Rad
Ext. Areas	Grounds	60	40	1	2400	N/A	Act Mid Filt Bed	60	40	6	1	1	14400	Demo	Rad
Ext. Areas	Grounds	45	25	1	1125	N/A	Act N Filt Bed	45	25	6	1	1	6750	Demo	Rad
Ext. Areas	Grounds	200	115	1	23000	N/A	JN-1 Apron	200	115	6	1	1	138000	Demo	Rad
Ext. Areas	Grounds	310	140	1	43400	N/A	JN-1 BK Cont	310	140	3	1	1	130200	Demo	Rad
Ext. Areas	Grounds	220	24	1	5280	N/A	JN-1 Frt Bldg	220	24	6	1	1	31680	Demo	Rad
Ext. Areas	Grounds	15	8	8	120	N/A	JN-1 tank Diesel	40	20	10	1	1	8000	Demo	Rad
Ext. Areas	Grounds	4	4	8	16	N/A	JN-1 Dil Sump	8	8	14	1	1	896	Demo	Rad
Ext. Areas	Grounds	160	0.5	0.5	80	N/A	JN-1 Lak Outfall In	160	2	3	1	1	960	Demo	Rad
Ext. Areas	Grounds	85	60	1	5100	N/A	JN-1 Lak Outfall	85	60	2	1	1	10200	Demo	Rad
Ext. Areas	Grounds	16	45	1	720	N/A	JNT-4 Pad	16	45	3	1	1	2160	Demo	Rad
Ext. Areas	Grounds	10	4	4	40	N/A	contam tank JN-2	12	6	8	1	1	576	Demo	Rad
Ext. Areas	Grounds	4	4	6	16	N/A	JN-2 delu tank	6	6	8	1	1	288	Demo	Rad
Ext. Areas	Grounds	15	8	8	120	N/A	JN-2 tank Diesel	20	15	15	1	1	4500	Demo	Rad
Ext. Areas	Grounds	20	15	1	300	N/A	JN-3 cool tower A	20	15	6	1	1	1800	Demo	Rad
Ext. Areas	Grounds	40	40	20	1600	N/A	JN-3 tank reactor	40	2	20	1	8	12800	Demo	Rad
Ext. Areas	Grounds	4	7	8	28	N/A	JN-3 San Sump	6	10	10	1	1	600	Demo	Rad
Ext. Areas	Grounds	40	40	1	1600	N/A	JN-4 tank area	40	40	8	1	1	12800	Demo	Rad
Ext. Areas	Grounds	8066	1	1	8066	N/A	Strm/San lines	8066	3	2	1	1	48396	Demo	Rad
Ext. Areas	Grounds	1000	30	1	30000	N/A	Road	1440	30	3	1	1	129600	Demo	Rad
Ext. Areas	Grounds	300	56	1	16800	N/A	JN-1 Frt Apron	300	56	2	1	1	33600	Demo	Rad
Ext. Areas	Grounds	620	800	1	496000	N/A	11.47 Ac soils	62	80	3	1	1	14880	Demo	Rad
Ext. Areas	Under Ground	1300	0.5	0.5	650	N/A	Elect Runs	1300	0.5	0.5	1	1	325	Demo	Non-Rad
Ext. Areas	Grounds	500	2	2	1000	N/A	Comm Runs	500	2	2	1	1	2000	Demo	Non-Rad
Ext. Areas	Grounds	600	0.75	0.75	450	N/A	Nitrogen Runs	600	0.75	0.75	1	1	337.5	Demo	Non-Rad
Ext. Areas	Grounds	1900	0.75	0.75	1425	N/A	Water Runs	1900	0.75	0.75	1	1	1068.75	Demo	Non-Rad

Bldg. #	Room	Room Length	Room Width	Room Height	Floor Sq. Ft.	Wall Sq. Ft.	Item Desc.	Item Length	Item Width	Item Hieght	Item Per Cent	Number of Items	Item Cu.Ft. Volume	Material Category	Waste Type
Ext. Areas	Grounds	1160	0.33	0.33	382.8	N/A	Gas Runs	1160	0.33	0.33	1	1	126.324	Demo	Non-Rad
Ext. Areas	Grounds	1760	0.5	0.5	880	N/A	Rainwtr Conduits	1760	0.5	0.5	1	1	440	Demo	Non-Rad
Ext. Areas	Grounds	1720	0.33	0.33	567.6	N/A	Fuel Oil	1720	0.33	0.33	1	1	187.308	Demo	Non-Rad
Ext. Areas	Grounds	0	0.75	0.75	0	N/A	Fire Water	0	(same as	Domestic	Water)	1	N/A	Demo	Non-Rad
Ext. Areas	Grounds	3	3	3	9	N/A	JN-10 Columns	3	3	3	1	142	3834	Demo	Non-Rad
Ext. Areas	Grounds	12	8	10	96	N/A	JN-10 San	12	8	10	1	1	960	Demo	Non-Rad
Ext. Areas	New Facilities	1000L.F.	@	$2 / S.F.	Plus Dig	N/A	JN-4 Road	Estimate	$50,000	N/A	N/A	N/A	N/A	Demo	Non-Rad
Ext. Areas	New Facilities	350L.F	@	$15/L.F.	N/A	N/A	JN-4 Gas	Estimate	$15,000	N/A	N/A	N/A	N/A	Demo	Non-Rad
Ext. Areas	New Facilities	200 L.F.	@	$30/L.F.	Plus Dig	N/A	Fire Water	Estimate	$10,000	N/A	N/A	N/A	N/A	Demo	Non-Rad
Ext. Areas	New Facilities	6000S.F.	@	$100/S.F.	Plus Dig	N/A	Waste Disposal Facility	Estimate	$800,000	N/A	N/A	N/A	N/A	Demo	Non-Rad
Ext. Areas	New Facilities	1000 L.F.	@	$30/L.F.	Plus Dig	N/A	JN-4 Pot Water	Estimate	$45,000	N/A	N/A	N/A	N/A	Demo	Non-Rad
Ext. Areas	New Facilities	N/A	N/A	N/A	N/A	N/A	Fuel Oil	Estimate	$0	N/A	N/A	N/A	N/A	Demo	Non-Rad

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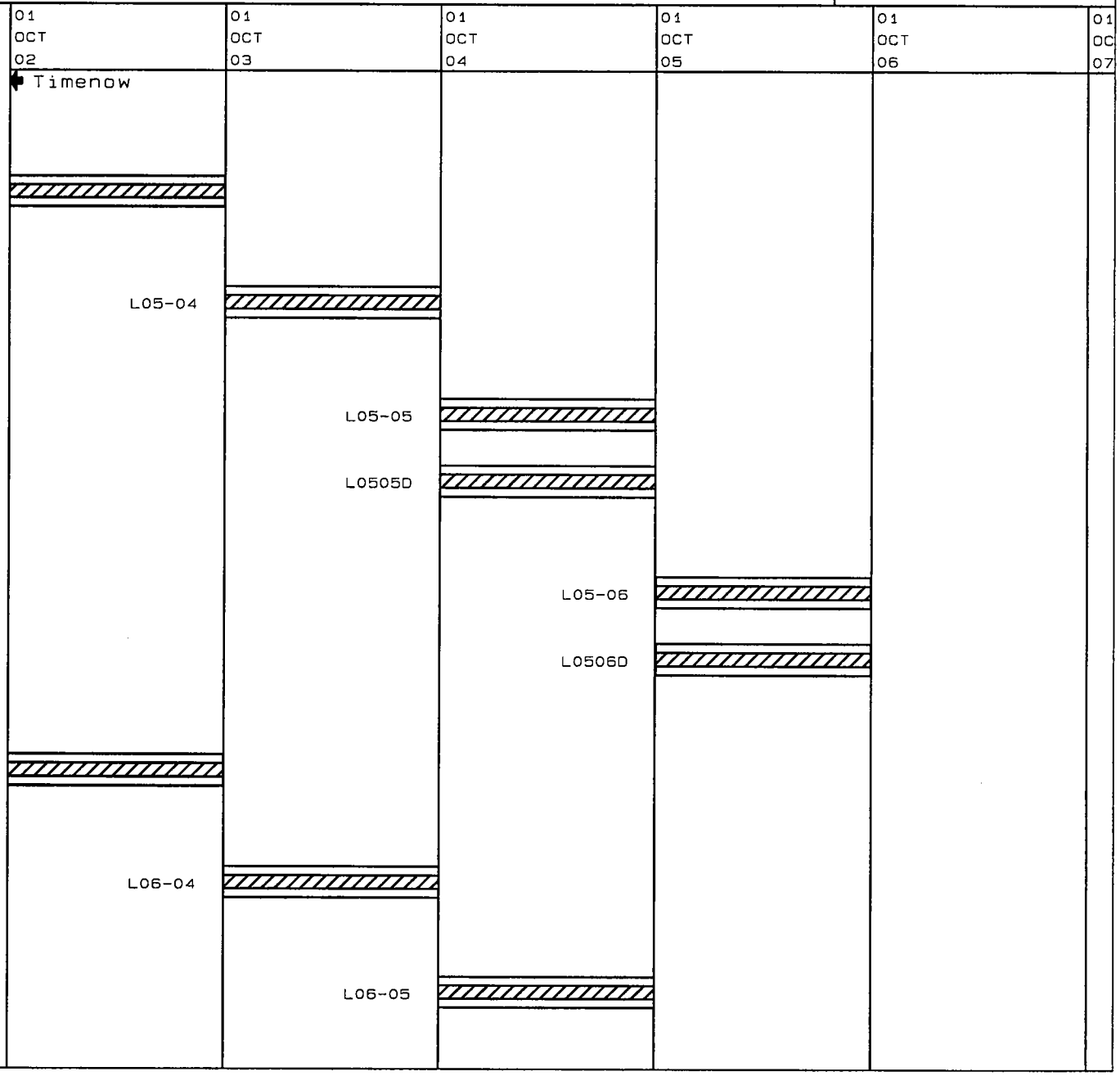
WORKPKG	BCOST	PCT	DU	RDU	BSTART	BFINISH	ESDATE	EFDATE
1.1.2.2. LLW WASTE DISPOSAL								
122-A03 : HANFORD PROCESSING AND DISPOSAL								
L05-03 Hanford Processing and Disposal								1
122-A03	$ 108856		252	252	01OCT02	29SEP03	01OCT02	29SEP03
122-A04 : HANFORD PROCESSING AND DISPOSAL								
L05-04 Hanford Processing and Disposal								1
122-A04	$ 98328		253	253	01OCT03	30SEP04	01OCT03	30SEP04
122-A05 : HANFORD PROCESSING AND DISPOSAL								
L05-05 Hanford Processing and Disposal								1
122-A05	$ 43904		252	252	01OCT04	30SEP05	01OCT04	30SEP05
L0505D JN-1 Demolition Waste: Hanford Processing and Disposal								1
122-A05	$ 134928		252	252	01OCT04	30SEP05	01OCT04	30SEP05
122-A06 : HANFORD PROCESSING AND DISPOSAL								
L05-06 Hanford Processing and Disposal								1
122-A06	$ 405		251	251	03OCT05	29SEP06	03OCT05	29SEP06
L0506D JN-1 Demolition Waste: Hanford Processing and Disposal								1
122-A06	$ 583477		251	251	03OCT05	29SEP06	03OCT05	29SEP06
122-B03 : ENVIROCARE PROCESSING AND DISPOSAL								
L06-03 Envirocare Processing and Disposal								1
122-B03	$ 1781715		252	252	01OCT02	29SEP03	01OCT02	29SEP03
122-B04 : ENVIROCARE PROCESSING AND DISPOSAL								
L06-04 Envirocare Processing and Disposal								1
122-B04	$ 2115088		253	253	01OCT03	30SEP04	01OCT03	30SEP04
122-B05 : ENVIROCARE PROCESSING AND DISPOSAL								
L06-05 Envirocare Processing and Disposal								1
122-B05	$ 605459		252	252	01OCT04	30SEP05	01OCT04	30SEP05



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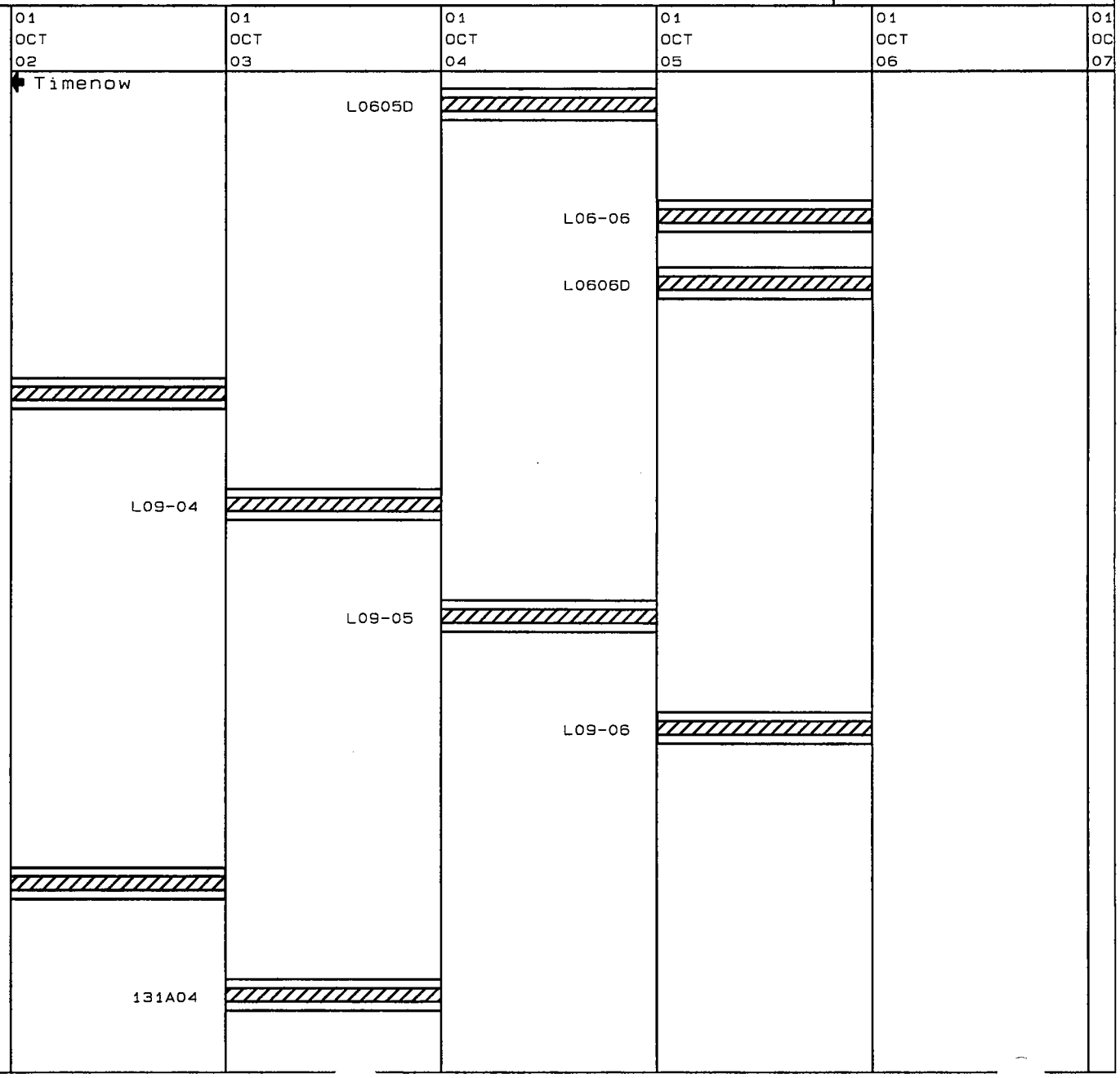
WORKPKG	BCOST	PCT	DU	RDU	BSTART	BFINISH	ESDATE	EFDATE
L0605D JN-1 Demolition Waste: Envirocare Processing and Disposal								1
122-B05	$ 824164		252	252	01OCT04	30SEP05	01OCT04	30SEP05
122-B06 : ENVIROCARE PROCESSING AND DISPOSAL								
L06-06 Envirocare Processing and Disposal								1
122-B06	$ 376186		251	251	03OCT05	29SEP06	03OCT05	29SEP06
L0606D JN-1 Demolition Waste: Envirocare Processing and Disposal								1
122-B06	$ 2243939		251	251	03OCT05	29SEP06	03OCT05	29SEP06
122-D03 : PERMA-FIX/DSSI PROCESSING AND DISPOSAL								
L09-03 Perma-Fix / DSSI Processing and Disposal								1
122-D03	$ 30000		252	252	01OCT02	29SEP03	01OCT02	29SEP03
122-D04 : PERMA-FIX/DSSI PROCESSING AND DISPOSAL								
L09-04 Perma-Fix / DSSI Processing and Disposal								1
122-D04	$ 0		253	253	01OCT03	30SEP04	01OCT03	30SEP04
122-D05 : PERMA-FIX/DSSI PROCESSING AND DISPOSAL								
L09-05 Perma-Fix / DSSI Processing and Disposal								1
122-D05	$ 0		252	252	01OCT04	30SEP05	01OCT04	30SEP05
122-D06 : PERMA-FIX/DSSI PROCESSING AND DISPOSAL								
L09-06 Perma-Fix / DSSI Processing and Disposal								1
122-D06	$ 750012		251	251	03OCT05	29SEP06	03OCT05	29SEP06
1.1.3.1. TRU & LLW WASTE COORDINATION								
131-A03 : FIELD OPERATIONS MANAGEMENT PLAN & DEVELOPMENT								
131A03 Field Operations Management Planning and Development								1
131-A03	$ 331074		252	252	01OCT02	29SEP03	01OCT02	29SEP03
131-A04 : FIELD OPERATIONS MANAGEMENT PLAN & DEVELOPMENT								
131A04 Field Operations Management Planning and Development								1
131-A04	$ 331074		253	253	01OCT03	30SEP04	01OCT03	30SEP04
131-A05 : FIELD OPERATIONS MANAGEMENT PLAN & DEVELOPMENT								



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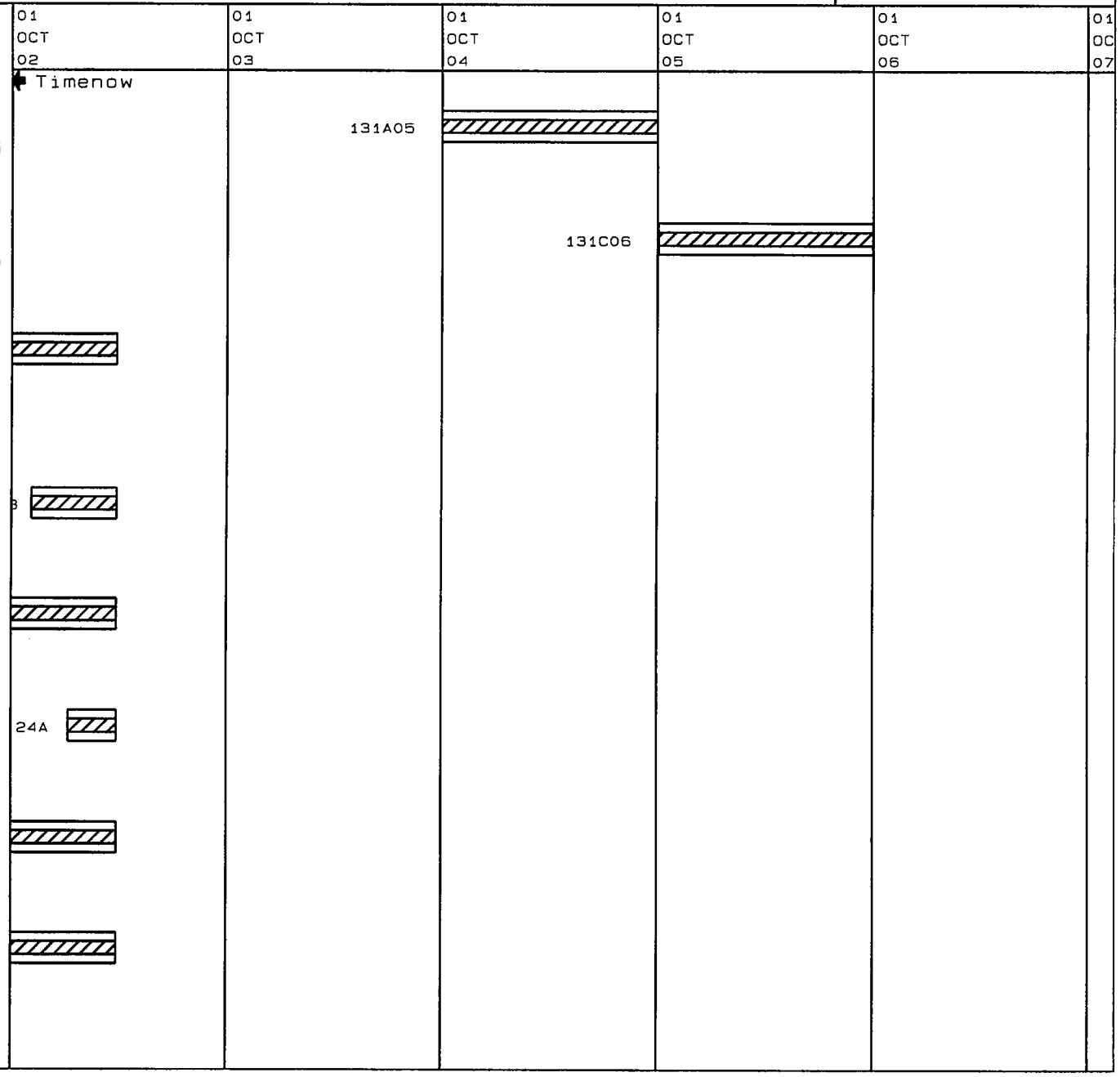
WORKPKG	BCOST	PCT	DU	RDU	BSTART	BFINISH	ESDATE	EFDATE	
131A05 Field Operations Management Planning and Development									1
131-A05	$ 331074		252	252	01OCT04	30SEP05	01OCT04	30SEP05	
131-A06 : FIELD OPERATIONS MANAGEMENT PLAN & DEVELOPMENT									
131C06 Field Operations Management Planning and Development									1
131-A06	$ 157627		251	251	03OCT05	29SEP06	03OCT05	29SEP06	
131-B01 : DEVELOP TRU PROGRAM									
W005A Characterize TRU Waste									1
131-B01	$ 55743		124	124	01OCT02	28MAR03	01OCT02	28MAR03	
1.1.3.2. TRU WASTE OPERATIONS									
132-B01 : PACKAGE TRU WASTE IN SONATOL BUILDING									
W006B Finish Packaging TRU Waste in Sonatol building									1
132-B01	$ 8578B		100	100	04NOV02	28MAR03	04NOV02	28MAR03	
132-B02 : TRU WASTE MANAGEMENT OF SHIPMENTS TO HANFORD									
W023A Finish TRU Waste Management for Shipments to Hanford									1
132-B02	$ 80410		124	124	01OCT02	28MAR03	01OCT02	28MAR03	
132-B04 : TRU PALLET LOADING									
W024A Finish Waste management operations support for loading pallets									1
132-B04	$ 47141		60	60	06JAN03	28MAR03	06JAN03	28MAR03	
132-B05 : DURATEK SUPPORT OF TRU SHIPMENTS TO HANFORD									
W020A Finish loading pallets into the 10-160B cask (including vendor sup									1
132-B05	$ 67389		124	124	01OCT02	28MAR03	01OCT02	28MAR03	
132-B06 : CASK TRANSPORT/SUPPORT TRUCK TO HANFORD									
W027A Finish transportation of TRU waste to Hanford									1
132-B06	$ 337705		124	124	01OCT02	28MAR03	01OCT02	28MAR03	
132-B07 : HANFORD SUPPORT OF TRU PROGRAM									



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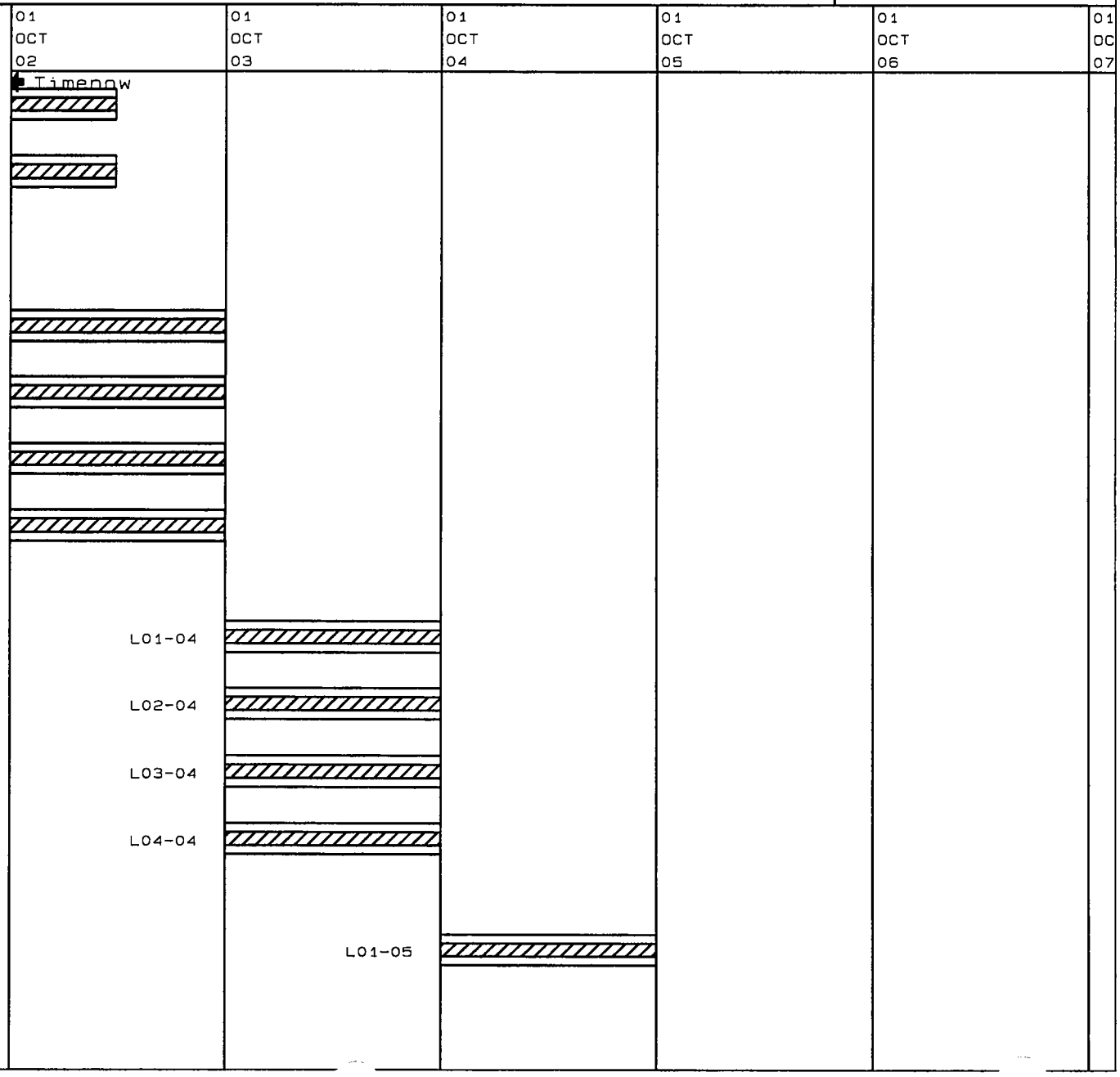
WORKPKG	BCOST	PCT	DU	RDU	BSTART	BFINISH	ESDATE	EFDATE
W050 Hanford: Review Profiles and Approve								1
132-B07	$ 107689		124	124	01OCT02	28MAR03	01OCT02	28MAR03
W051 Hanford: Unload Pallets from Trucks and Load Pallets into Vaults								1
132-B07	$ 80486		124	124	01OCT02	28MAR03	01OCT02	28MAR03
1.1.3.3. LLW WASTE OPERATIONS								
133-A03 : LLW WASTE OPERATIONS								
L01-03 Maintain Non-TRU Waste Programs								1
133-A03	$ 372338		252	252	01OCT02	29SEP03	01OCT02	29SEP03
L02-03 Accept.Process and Package LLW Waste								1
133-A03	$ 1041320		252	252	01OCT02	29SEP03	01OCT02	29SEP03
L03-03 Prepare Documents and Packages (LLW)								1
133-A03	$ 616872		252	252	01OCT02	29SEP03	01OCT02	29SEP03
L04-03 Ship LLW Waste								1
133-A03	$ 83590		252	252	01OCT02	29SEP03	01OCT02	29SEP03
133-A04 : LLW WASTE OPERATIONS								
L01-04 Maintain Non-TRU Waste Programs								1
133-A04	$ 372338		253	253	01OCT03	30SEP04	01OCT03	30SEP04
L02-04 Accept.Process and Package LLW Waste								1
133-A04	$ 571462		253	253	01OCT03	30SEP04	01OCT03	30SEP04
L03-04 Prepare Documents and Packages (LLW)								1
133-A04	$ 1559462		253	253	01OCT03	30SEP04	01OCT03	30SEP04
L04-04 Ship LLW Waste								1
133-A04	$ 157247		253	253	01OCT03	30SEP04	01OCT03	30SEP04
133-A05 : LLW WASTE OPERATIONS								
L01-05 Maintain Non-TRU Waste Programs								1
133-A05	$ 372338		252	252	01OCT04	30SEP05	01OCT04	30SEP05



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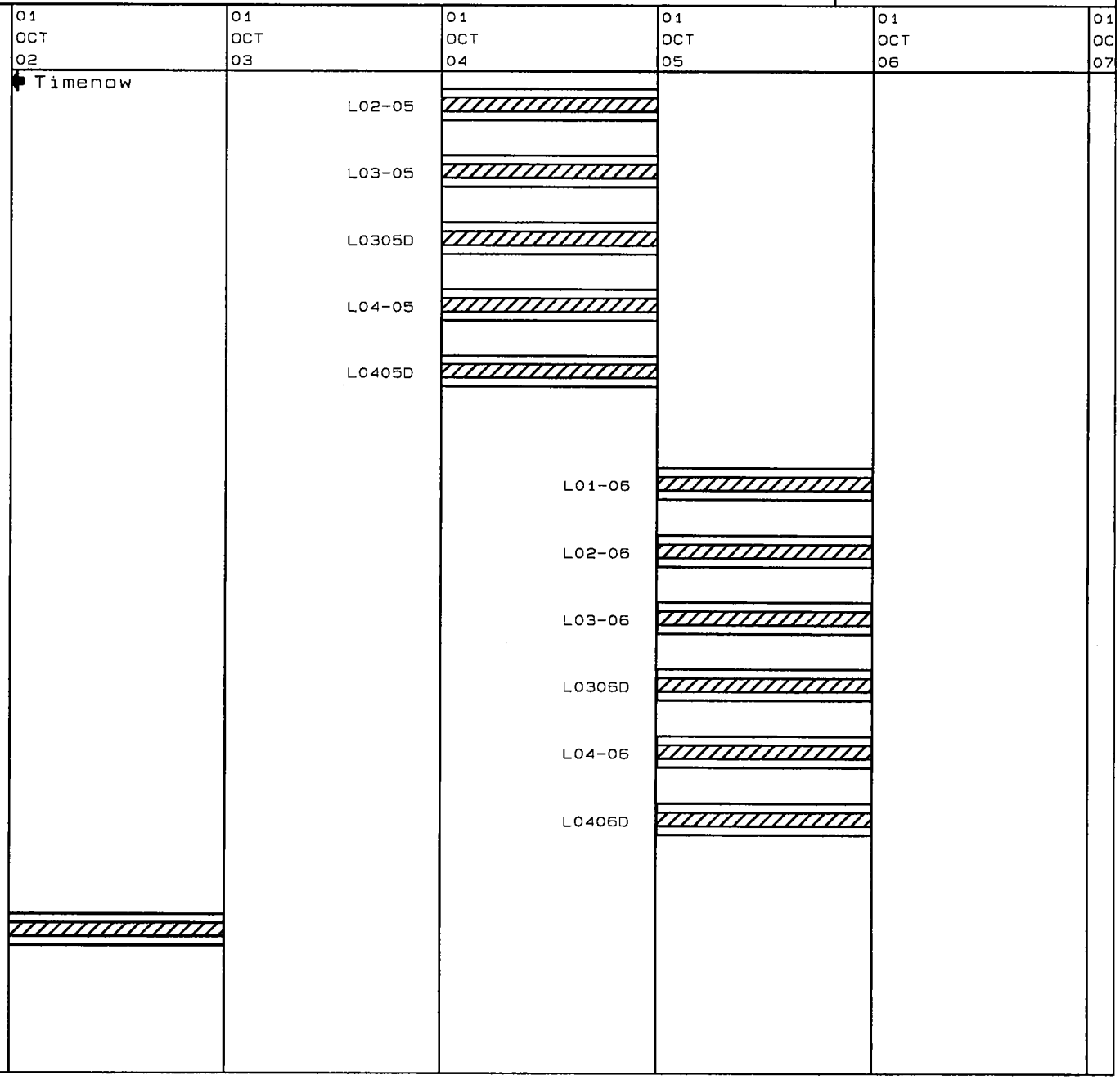
WORKPKG	BCOST	PCT	DU	RDU	BSTART	BFINISH	ESDATE	EFDATE
L02-05 Accept.Process and Package LLW Waste								1
133-A05	$ 263849		252	252	01OCT04	30SEP05	01OCT04	30SEP05
L03-05 Prepare Documents and Packages (LLW)								1
133-A05	$ 501040		252	252	01OCT04	30SEP05	01OCT04	30SEP05
L0305D JN-1 Demolition Waste: Prepare Documents and Packages (LLW)								1
133-A05	$ 645742		252	252	01OCT04	30SEP05	01OCT04	30SEP05
L04-05 Ship LLW Waste								1
133-A05	$ 18261		252	252	01OCT04	30SEP05	01OCT04	30SEP05
L0405D JN-1 Demolition Waste: Ship LLW Waste								1
133-A05	$ 90447		252	252	01OCT04	30SEP05	01OCT04	30SEP05
133-A06 : LLW WASTE OPERATIONS								
L01-06 Maintain Non-TRU Waste Programs								1
133-A06	$ 372338		251	251	03OCT05	29SEP06	03OCT05	29SEP06
L02-06 Accept.Process and Package LLW Waste								1
133-A06	$ 163853		251	251	03OCT05	29SEP06	03OCT05	29SEP06
L03-06 Prepare Documents and Packages (LLW)								1
133-A06	$ 933842		251	251	03OCT05	29SEP06	03OCT05	29SEP06
L0306D JN-1 Demolition Waste: Prepare Documents and Packages (LLW)								1
133-A06	$ 1729963		251	251	03OCT05	29SEP06	03OCT05	29SEP06
L04-06 Ship LLW Waste								1
133-A06	$ 87491		251	251	03OCT05	29SEP06	03OCT05	29SEP06
L0406D JN-1 Demolition Waste: Ship LLW Waste								1
133-A06	$ 239874		251	251	03OCT05	29SEP06	03OCT05	29SEP06
133-E03 : TRANSPORTATION OF WASTE TO DISPOSAL SITES								
L10-03 Transportation of Waste to Disposal Sites								1
133-E03	$ 369245		252	252	01OCT02	29SEP03	01OCT02	29SEP03
133-E04 : TRANSPORTATION OF WASTE TO DISPOSAL SITES								



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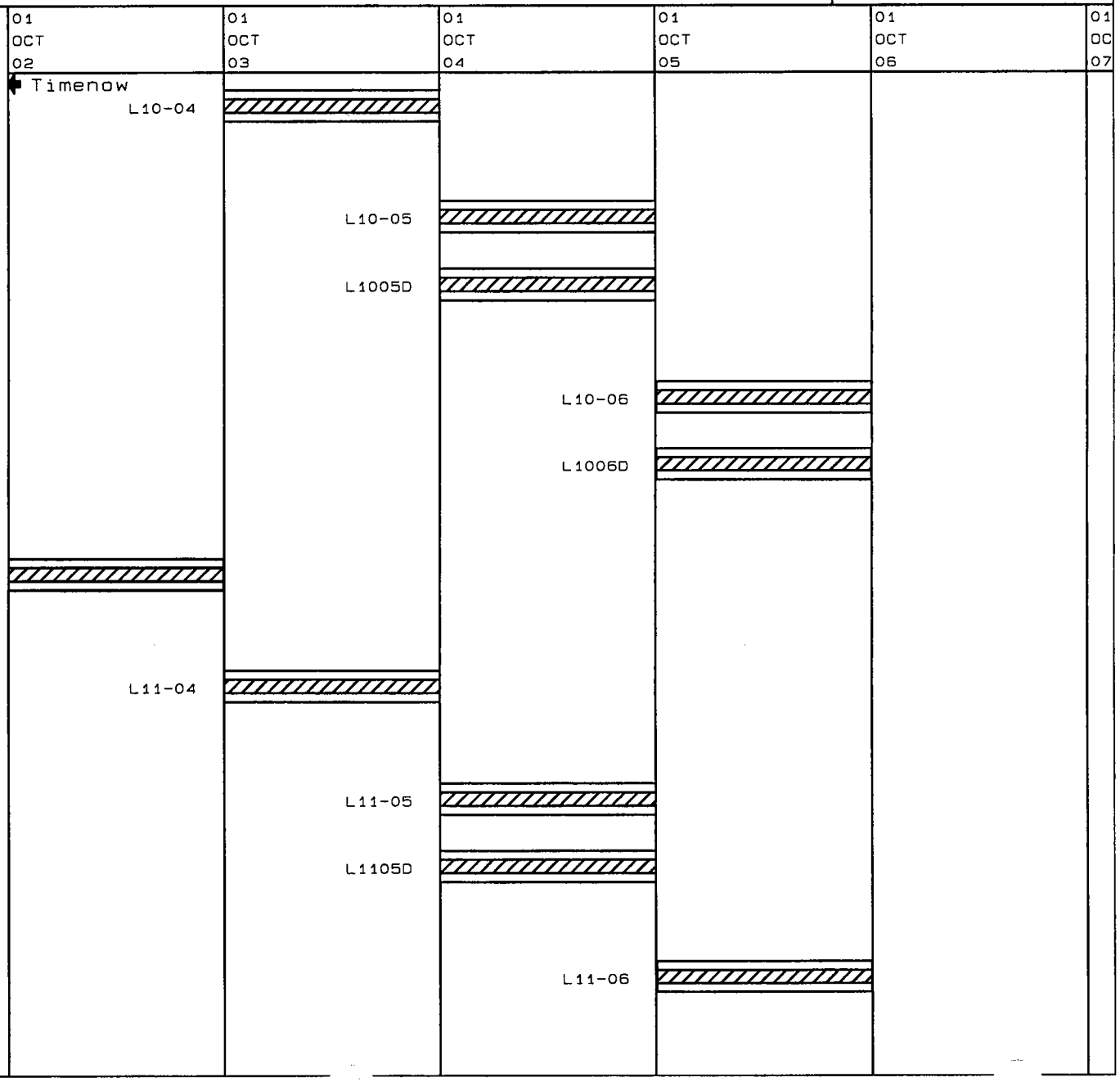
WORKPKG	BCOST	PCT	DU	RDU	BSTART	BFINISH	ESDATE	EFDATE
L10-04 Transportation of Waste to Disposal Sites								1
133-E04	$ 1517813		253	253	01OCT03	30SEP04	01OCT03	30SEP04
133-E05 : TRANSPORTATION OF WASTE TO DISPOSAL SITES								
L10-05 Transportation of Waste to Disposal Sites								1
133-E05	$ 863341		252	252	01OCT04	30SEP05	01OCT04	30SEP05
L1005D JN-1 Demolition Waste: Transportation of Waste to Disposal Sites								1
133-E05	$ 337082		252	252	01OCT04	30SEP05	01OCT04	30SEP05
133-E06 : TRANSPORTATION OF WASTE TO DISPOSAL SITES								
L10-06 Transportation of Waste to Disposal Sites								1
133-E06	$ 757612		251	251	03OCT05	29SEP06	03OCT05	29SEP06
L1006D JN-1 Demolition Waste: Transportation of Waste to Disposal Sites								1
133-E06	$ 942034		251	251	03OCT05	29SEP06	03OCT05	29SEP06
133-F03 : LLW DISPOSED IP/2/7A BOXES								
L11-03 LLW Disposed IP-2/7A Boxes								1
133-F03	$ 73226		252	252	01OCT02	29SEP03	01OCT02	29SEP03
133-F04 : LLW DISPOSED IP/2/7A BOXES								
L11-04 LLW Disposed IP-2/7A Boxes								1
133-F04	$ 28738		253	253	01OCT03	30SEP04	01OCT03	30SEP04
133-F05 : LLW DISPOSED IP/2/7A BOXES								
L11-05 LLW Disposed IP-2/7A Boxes								1
133-F05	$ 9779		252	252	01OCT04	30SEP05	01OCT04	30SEP05
L1105D JN-1 Demolition Waste: LLW Disposed IP-2/7A Boxes								1
133-F05	$ 18824		252	252	01OCT04	30SEP05	01OCT04	30SEP05
133-F06 : LLW DISPOSED IP/2/7A BOXES								
L11-06 LLW Disposed IP-2/7A Boxes								1
133-F06	$ 0		251	251	03OCT05	29SEP06	03OCT05	29SEP06



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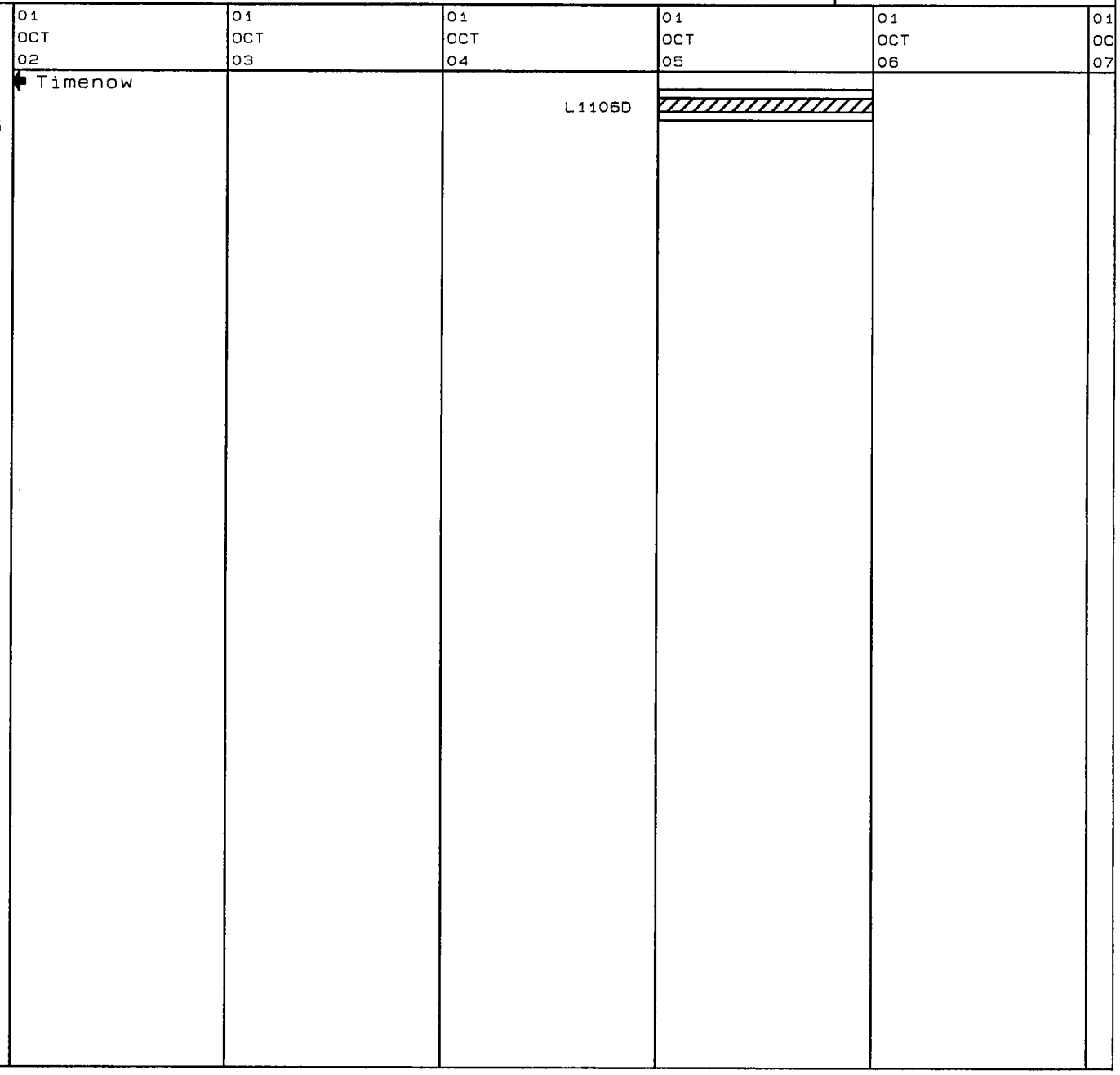
WORKPKG	BCOST	PCT	DU	RDU	BSTART	BFINISH	ESDATE	EFDATE
L1106D JN-1 Demolition Waste: LLW Disposed IP-2/7A Boxes								1
133-F06	$ 81569		251	251	03OCT05	29SEP06	03OCT05	29SEP06



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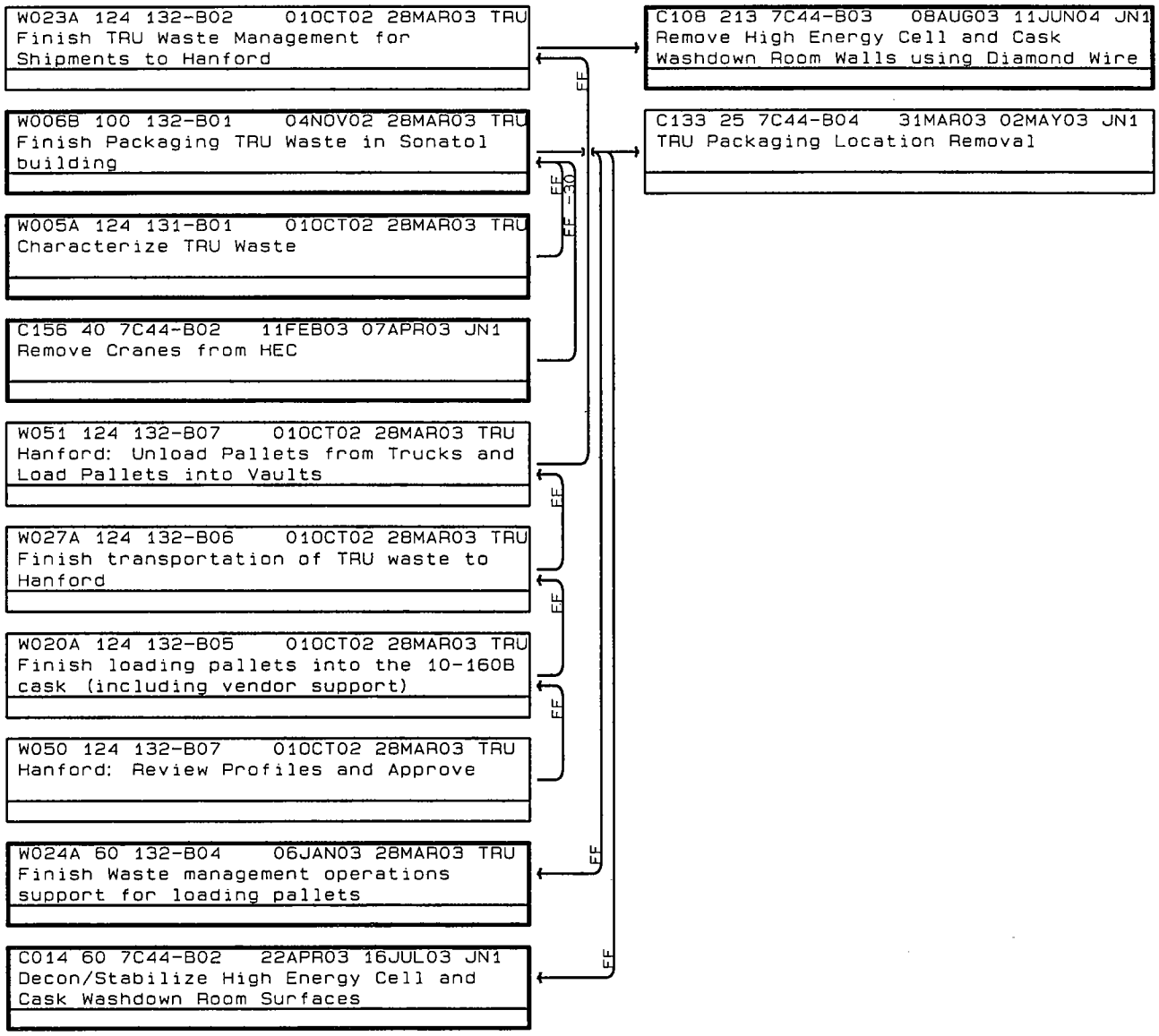

☒ **FY 03** ☒ **FY 04** ☒ **FY 05 Until JN-1 Demolition complete**

WBS Number: 131

Activity Number: 131A

Activity Title: Field Operations Management Planning and Development

Work Package Number: 131-A03, -A04, -A05

Work Package Title: Field Operations Management Planning and Development

Work Package Description: Programmatic oversight management of the BCLDP Field Operations activities necessary for the implementation of field activities including but not limited to characterization and waste management (e.g. TRU, LLW, and mixed waste) operations. These activities are required for the radiological release of Battelle facilities and grounds for unrestricted use.

Basis of Estimate

Strategy for Accomplishing Task: Provide programmatic management oversight of the characterization and waste management programs for the BCLDP; develop and conduct management oversight assessments of on-going activities; enhance communication between various BCLDP WBS elements; provide leadership and direction to operational staff; provide budgeting, as well as quality assurance audit support and response; project training; and interface with the DOE.

Applicable Requirements/Procedures:

1. Contract statement of work.

Input Descriptions:

1. N/A

Output Descriptions:

1. Management oversight assessment reports
2. Clerical support for field operations activities
3. Assure training requirements are met for the Field Operations staff
4. Integration of Field Operations activities

Assumptions:

1.

Estimated Resources Required to Plan the Work

Management (HBB):	Project meetings attendance – 6 hr/wk @ 50 wk/yr = 300 hr. Management surveillances/oversight - 10 hr/wk @ 50 wk/yr = 500 hr. Management assessments – 80 hr/assessment @ 2 assessment/yr = 160 hr. Field Operations integration – 16 hr/wk @ 50 wk/yr = 800 hr.
Secretary/Clerical: (HBS)	General support (i.e. filing, copying, etc.) – 16 hr/wk @ 50 wk/yr = 800 hr.

Labor Type	Code	Persons/Days/Hours
Manager/Senior Staff	HBB	N/A
Technical Advisors	HBTA	N/A
Project Manager/HP Manager	HBPM	N/A
Task Leader	HBTL	N/A
Secretary/Clerical	HBS	N/A
Support Professional	HBP	N/A
Bartlett Health Physics	HRH	N/A

Estimated Time to Perform the Task: Estimates represent a full year and will be constant until JN-1 is deconstructed.

Estimated Resources Required to Perform the Work

In the following table, for each appropriate labor type enter the # of Persons working on the activity, the # of Days (full or partial) they are involved, and the total # of Hours necessary to actually perform the work; e.g., 4/20/640

Labor Type	Code	Persons/Days/Hours	PPE/Laundry Group	Total Jumps
Program Manager	HBA			N/A
Manager/Senior Staff	HBB	1 / year / 1760		N/A
Technical Advisors	HBTA			N/A
Project Manager/HP Manager	HBPM			N/A
Task Leader	HBTL			N/A
Battelle Technician	HBT			N/A
Battelle Technician O/T	HBTO			N/A
RAL Staff	HBL			N/A
Support Professional	HBP			N/A
Secretary/Clerical	HBS	1 / year / 800		N/A
Decon Ops Hourly	HBH			N/A
BCO Support	HBCO			N/A
BCO Skilled Laborer	HCE			N/A
BCO Skilled Laborer O/T	HCEO			N/A
BCO Facility Manager	HCF			N/A
Bartlett Technician	HRD			N/A
Bartlett Maint Specialist	HRDS			N/A
Bartlett Health Physics	HRH			N/A
Bartlett Admin Support	HRA			N/A

Subcontract/Purchased Service: No extraordinary items anticipated.

Special Equipment/Material: No extraordinary items anticipated.

Comments/Explanations:

Basis of Estimate:

What is the estimator's experience? 15 years experience in operational planning and execution in both private industry and DOE projects.

What experience is directly related to BCLDP? 5 years of direct experience in D&D of nuclear facilities within the DOE complex.

Did we apply a complexity factor during our thought process? The estimate was based on prior experience conducting similar work on the BCLDP. No complexity factor was used.

Completed by: P. Weaver **Date:** 5/10/01 (Updated 6-10-02) **Rev. No.:** 0

☒ **FY 06 After Demolition Until Externals are Complete**

WBS Number: 131

Activity Number: 131C06

Activity Title: Field Operations Management Planning and Development

Work Package Number: 131-A06

Work Package Title: Field Operations Management Planning and Development

Work Package Description: Programmatic oversight management of the BCLDP Field Operations activities necessary for the implementation of field activities including but not limited to characterization and waste management (e.g. TRU, LLW, and mixed waste) operations. These activities are required for the radiological release of Battelle facilities and grounds for unrestricted use.

Basis of Estimate

Strategy for Accomplishing Task: Provide programmatic management oversight of the characterization and waste management programs for the BCLDP; develop and conduct management oversight assessments of on-going activities; enhance communication between various BCLDP WBS elements; provide leadership and direction to operational staff; provide budgeting, as well as quality assurance audit support and response; project training; and interface with the DOE.

Applicable Requirements/Procedures:

1. Contract statement of work.

Input Descriptions:

1. N/A

Output Descriptions:

1. Management oversight assessment reports
2. Clerical support for field operations activities
3. Assure training requirements are met for the Field Operations staff
4. Integration of Field Operations activities

Assumptions:

1.

Estimated Resources Required to Plan the Work

Management (HBB):	Project meetings attendance – 2 hr/wk @ 50 wk/yr = 100 hr. Management surveillances/oversight - 5 hr/wk @ 50 wk/yr = 250 hr. Management assessments – 80 hr/assessment @ 1 assessment/yr = 80 hr. Field Operations integration – 10 hr/wk @ 50 wk/yr = 500 hr.
Secretary/Clerical: (HBS)	General support (i.e. filing, copying, etc.) – 5 hr/wk @ 50 wk/yr = 250 hr.

Labor Type	Code	Persons/Days/Hours
Manager/Senior Staff	HBB	N/A
Technical Advisors	HBTA	N/A
Project Manager/HP Manager	HBPM	N/A
Task Leader	HBTL	N/A
Secretary/Clerical	HBS	N/A
Support Professional	HBP	N/A
Bartlett Health Physics	HRH	N/A

Estimated Time to Perform the Task: Estimates represent a full year and will be constant from the time JN-2 and JN-3 are removed until the external grounds are completed.

Estimated Resources Required to Perform the Work

In the following table, for each appropriate labor type enter the # of Persons working on the activity, the # of Days (full or partial) they are involved, and the total # of Hours necessary to actually perform the work; e.g., 4/20/640

Labor Type	Code	Persons/Days/Hours	PPE/Laundry Group	Total Jumps
Program Manager	HBA			N/A
Manager/Senior Staff	HBB	1 / year / 930		N/A
Technical Advisors	HBTA			N/A
Project Manager/HP Manager	HBPM			N/A
Task Leader	HBTL			N/A
Battelle Technician	HBT			N/A
Battelle Technician O/T	HBTO			N/A
RAL Staff	HBL			N/A
Support Professional	HBP			N/A
Secretary/Clerical	HBS	1 / year / 125		N/A
Decon Ops Hourly	HBH			N/A
BCO Support	HBCO			N/A
BCO Skilled Laborer	HCE			N/A
BCO Skilled Laborer O/T	HCEO			N/A
BCO Facility Manager	HCF			N/A
Bartlett Technician	HRD			N/A
Bartlett Maint Specialist	HRDS			N/A
Bartlett Health Physics	HRH			N/A
Bartlett Admin Support	HRA			N/A

Subcontract/Purchased Service: No extraordinary items anticipated.

Special Equipment/Material: No extraordinary items anticipated.

Comments/Explanations:

Basis of Estimate:

What is the estimator's experience? 15 years experience in operational planning and execution in both private industry and DOE projects.

What experience is directly related to BCLDP? 5 years of direct experience in D&D of nuclear facilities within the DOE complex.

Did we apply a complexity factor during our thought process? The estimate was based on prior experience conducting similar work on the BCLDP. No complexity factor was used.

Completed by: P. Weaver **Date:** 5/10/01 (Updated 6-10-02) **Rev. No.:** 0

☐ JN-1 ☐ JN-2 ☐ JN-3 ☐ Ext. Area ☐ Env. Mtr. ☐ Samples ☒ TRU/Waste ☐ Release Site

Activity No.: W005A **Work Pkg. No.:** 131-B01

Function Name: Characterize TRU Waste

Component Name: All West Jefferson North Site Areas

Function Description: Characterize BCLDP TRU wastes to provide the waste stream definitions necessary to allow packaging of TRU waste. Develop the acceptable knowledge (AK) base to support the TRU waste stream definitions.

Basis of Estimate

Strategy for Accomplishing Function: Contracted staff knowledgeable in TRU waste programs will be utilized to develop AK information through record reviews and staff interviews. This AK information will be used to define the various TRU waste streams and provide characterization information. Newly defined waste streams will be sampled to provide any information needed in addition to the AK.

Applicable Requirements/Procedures:

DD-93-04, 05; TCP-98-01, 01.1, 02, 02.1, 03, 03.1, 03.1.1, 03.1.2, 03.1.3, 05; PR-AP-17.1; QD-AP-4.1, 7.1, 15.1; TC-AP-03.1; TD-AP-2.0.

Input Descriptions:

1. TRU sample analysis results
2. Historical documentation

Output Descriptions:

1. AK basis for TRU waste streams
2. Characterized TRU waste

Assumptions:

1. Two "new" TRU waste stream will be identified in 2003 (samples will be collected under package TRU waste).
2. Two "waste stream discrepancies" will be identified in 2003.
3. There will not be any WIPP waste acceptance criteria changes that will require additional characterization efforts.

Estimated Time to Plan the Work (Including Review and Approval):

Estimated Resources Required to Plan the Work

In the following table, for each appropriate labor type enter the # of Persons involved in planning the activity, the # of Days (full or partial) they will be involved, and the total # of person-Hours necessary to plan the work, e.g., 2/5/36

Labor Type	Code	Persons/Days/Hours
Manager/Senior Staff	HBB	
Technical Advisors	HBTA	
Project Manager/HP Manager	HBPM	
Task Leader	HBTL	
Secretary/Clerical	HBS	
Support Professional	HBP	
Bartlett Health Physics	HRH	

Estimated Time to Perform the Work: six months.

Estimated Resources Required to Perform the Work

In the following table, for each appropriate labor type enter the # of Persons working on the activity, the # of Days (full or partial) they are involved, and the total # of Hours necessary to actually perform the work; the PPE/Laundry Group to be used during the performance of the work; and the Total # of Jumps; e.g., 4/20/640 *Group 1* *160*

Labor Type	Code	Persons/Days/Hours	PPE/Laundry Group	Total Jumps
Program Manager	HBA			
Manager/Senior Staff	HBB	1 / 60 / 60		
Technical Advisors	HBTA	1 / 60 / 60		
Project Manager/HP Manager	HBPM	1 / 60 / 60		
Task Leader	HBTL	1 / 60 / 60		
Battelle Technician	HBT			
Battelle Technician O/T	HBTO			
RAL Staff	HBL			
Support Professional	HBP			
Secretary/Clerical	HBS			
Decon Ops Hourly	HBH			
BCO Support	HBCO			
BCO Skilled Laborer	HCE			
BCO Skilled Laborer O/T	HCEO			
BCO Facility Manager	HCF			
Bartlett Technician	HRD			
Bartlett Maint Specialist	HRDS			
Bartlett Health Physics	HRH			
Bartlett Admin Support	HRA			

Subcontract/Purchased Service: Contracted TRU waste program specialist: $24,769 (275 hours @ $90.07/hr).

Special Equipment/Material:

Comments/Explanations:

Basis of Estimate:

What is the estimator's experience? 15 years experience in operational planning and execution in both private industry and DOE projects.

What experience is directly related to BCLDP? 5 years of direct experience in D&D of nuclear facilities within the DOE complex.

Did we apply a complexity factor during our thought process? The estimate was based on prior experience conducting similar work on the BCLDP. No complexity factor was used.

Completed by: P. Weaver **Date:** 5/10/01 (Revised 6-5-02) **Rev. No.:** 0

☐ JN-1 ☐ JN-2 ☐ JN-3 ☐ Ext. Area ☐ Env. Mtr. ☐ Samples ☒ TRU/Waste ☐ Release Site

Activity No.: W006B **Work Pkg. No.:** 132-B01

Function Name: Package TRU Waste

Component Name: All West Jefferson North Site Areas

Function Description: Receive TRU waste from the area of generation, package waste into anticipated shipping configuration, and transfer the packaged TRU waste to a location for storage until shipment.

Basis of Estimate

Strategy for Accomplishing Function: TRU waste will be received into the new packaging area for packaging. Packaging activities will include sorting into various TRU waste streams, inventorying each waste item, packaging into the anticipated shipping configuration, and video recording the entire sorting/packaging process. In order to minimize the amount of TRU waste for disposal, waste material with a good chance of being decontaminated to LLW will be sent to the LLW processing task.

Applicable Requirements/Procedures:

TRU WCP Manual (Plans and Procedures); DD-93-04, 05; DD-90-02; DD-93-04, 05; DD-98-04; HP-AP-1.0, 2.0, 5.0, 8.0, 10.0, 11.0, 15.0, 17.0; HP-OP-012, 018, 019, 201; HS-AP-4.0, 5.0; HS-OP-001; MA-AP-20.1; PR-AP-17.1; QD-AP-4.1, 5.2, 6.1, 7.1; RL-AP-1.0; RS-AP-1.0; RS-OP-002; TD-AP-2.0.

Input Descriptions:

1. TRU waste from areas of generation C079A (20) and C092 (60) and C156 (3)
2. Anticipated shipping configuration
3. TRU waste stream definitions

Output Descriptions:

1. Packaged TRU waste
2. Video log of all packaging activities
3. TRU waste packaging documentation
4. TCCP samples (one per year, for alpha/gamma spec and RCRA analysis)

Assumptions:

1. TRU waste will not need to be repackaged in the future.
2. If repackaging of TRU waste is required, it will be transferred to a DOE facility prior to shipment to WIPP.
3. Video log will provide sufficient information to the TRU receiving site such that TRU waste packages will not need to be reopened.
4. One "new" TRU waste streams will be identified in 2003, which will require samples to be collected.
5. TRU waste will not need to be NDA'd
6. TRU Waste will be stored in the JN-1 high bay.
7. TRU waste shipments to Hanford will start in FY-02

Estimated Time to Plan the Work (Including Review and Approval): 0 days (continuation of FY-02 work)

Estimated Resources Required to Plan the Work

In the following table, for each appropriate labor type enter the # of Persons involved in planning the activity, the # of Days (full or partial) they will be involved, and the total # of person-Hours necessary to plan the work, e.g., 2/5/36

Labor Type	Code	Persons/Days/Hours
Manager/Senior Staff	HBB	
Technical Advisors	HBTA	
Project Manager/HP Manager	HBPM	
Task Leader	HBTL	
Secretary/Clerical	HBS	
Support Professional	HBP	
Bartlett Health Physics	HRH	

Estimated Time to Perform the Work: 100 days total

Estimated Resources Required to Perform the Work

In the following table, for each appropriate labor type enter the # of Persons working on the activity, the # of Days (full or partial) they are involved, and the total # of Hours necessary to actually perform the work; the PPE/Laundry Group to be used during the performance of the work; and the Total # of Jumps; e.g., 4/20/640 Group 1 160

Receipt of TRU waste from area of generation – estimates are based on a 0-20 ft^3 "batch" basis. NOTE: Each batch will generate 7.5 ft^3 of compactable LLW.

Labor Type	Code	Persons/Days/Hours	PPE/Laundry Group	Total Jumps
Program Manager	HBA			
Manager/Senior Staff	HBB			
Technical Advisors	HBTA			
Project Manager/HP Manager	HBPM	2 / 1 / 2		
Task Leader	HBTL	1 / 1 / 4		
Battelle Technician	HBT	1 / 1 / 4		
Battelle Technician O/T	HBTO			
RAL Staff	HBL			
Support Professional	HBP			
Secretary/Clerical	HBS			
Decon Ops Hourly	HBH			
BCO Support	HBCO			
BCO Skilled Laborer	HCE			
BCO Skilled Laborer O/T	HCEO			
BCO Facility Manager	HCF			
Bartlett Technician	HRD	4 / 1 / 16	2 – III 1 - II	3
Bartlett Maint Specialist	HRDS	1 / 1 / 4		
Bartlett Health Physics	HRH	3 / 1 / 12	1 – III 1 - II	2
Bartlett Admin Support	HRA			

Packaging of TRU waste – estimates are based on a per 3 ft^3 basis. NOTE: Each 3 ft^3 TRU packaged will generate 5 ft^3 of compactable LLW.

Labor Type	Code	Persons/Days/Hours	PPE/Laundry Group	Total Jumps
Program Manager	HBA			
Manager/Senior Staff	HBB			
Technical Advisors	HBTA			
Project Manager/HP Manager	HBPM	2 / 1 / 2		
Task Leader	HBTL	1 / 1 / 4		
Battelle Technician	HBT	1 / 1 / 4		
Battelle Technician O/T	HBTO			
RAL Staff	HBL			
Support Professional	HBP			
Secretary/Clerical	HBS			
Decon Ops Hourly	HBH			
BCO Support	HBCO			
BCO Skilled Laborer	HCE			
BCO Skilled Laborer O/T	HCEO			
BCO Facility Manager	HCF			
Bartlett Technician	HRD	4 / 1 / 16	2 – III , 1 - II	3
Bartlett Maint Specialist	HRDS	1 / 1 / 2		
Bartlett Health Physics	HRH	3 / 1 / 6	1 – III , 1 - II	2
Bartlett Admin Support	HRA			
1 liner				

Transfer to storage – estimates are based on a per 13 ft^3 basis. Each transfer will generate 5 ft^3 of compactable LLW.

Labor Type	Code	Persons/Days/Hours	PPE/Laundry Group	Total Jumps
Program Manager	HBA			
Manager/Senior Staff	HBB			
Technical Advisors	HBTA			
Project Manager/HP Manager	HBPM	2 / 1 / 2		
Task Leader	HBTL	1 / 1 / 4		
Battelle Technician	HBT	1 / 1 / 4		
Battelle Technician O/T	HBTO			
RAL Staff	HBL			
Support Professional	HBP			
Secretary/Clerical	HBS			
Decon Ops Hourly	HBH			
BCO Support	HBCO			
BCO Skilled Laborer	HCE			
BCO Skilled Laborer O/T	HCEO			
BCO Facility Manager	HCF			
Bartlett Technician	HRD	5 / 1 / 20	2 – III, 1 – II	3
Bartlett Maint Specialist	HRDS	1 / 1 / 4		
Bartlett Health Physics	HRH	3 / 1 / 12	1 – III, 1 – II	2
Bartlett Admin Support	HRA			

P ackage TRU Waste Resource Summary

Project Manager	HBPM	76
Task leader	HBTL	154
Battelle Technician	HBT	154
Bartlett Technician	HRD	637
Bartlett Maintenance Specialist	HRDS	98
Bartlett Health Physics	HRH	293
Low level waste generated	WAC	202

Subcontract/Purchased Service: 1 TCLP Hi Rad @ $2,838 each sample analysis for hazardous constituents - $2,838.

Special Equipment/Material:

Comments/Explanations:

Basis of Estimate:

What is the estimator's experience? 15 years experience in operational planning and execution in both private industry and DOE projects.

What experience is directly related to BCLDP? 5 years of direct experience in D&D of nuclear facilities within the DOE complex.

Did we apply a complexity factor during our thought process? The estimate was based on prior experience conducting similar work on the BCLDP. No complexity factor was used.

Completed by: P. Weaver **Date:** 5/10/01 (Revised 6-5-02) **Rev. No.:** 0

☐ JN-1 ☐ JN-2 ☐ JN-3 ☐ Ext. Area ☐ Env. Mtr. ☐ Samples ☒ TRU/Waste ☐ Release Site

Activity No.: W020A **Work Pkg. No.:** 132-B05

Function Name: Finish loading pallets into the 10-160B cask (including vendor support)

Component Name: TRU Waste

Function Description: The 10-160B cask will be loaded with two pallets of TRU waste. After the pallets are loaded into the cask, a subcontractor will close the cask and complete all QA checks necessary per DOT.

Basis of Estimate

Strategy for Accomplishing Function: Pallets pre-loaded with TRU waste will be loaded into the 10-160B cask in preparation for shipment to Hanford. A subcontractor will then close the cask and perform all necessary QA checks require by DOT.

Applicable Requirements/Procedures:

TRU WCP Manual (Plans and Procedures); DD-93-04, 05; DD-90-02; DD-93-04, 05; DD-98-04; HP-AP-1.0, 2.0, 5.0, 8.0, 10.0, 11.0, 15.0, 17.0; HP-OP-012, 018, 019, 201; HS-AP-4.0, 5.0; HS-OP-001; MA-AP-20.1; PR-AP-17.1; QD-AP-4.1, 5.2, 6.1, 7.1; RL-AP-1.0; RS-AP-1.0; RS-OP-002; TD-AP-2.0.

Input Descriptions:

1. Packaged TRU waste containers loaded onto pallets

Output Descriptions:

1. Loaded 10-160B cask, ready for shipment

Assumptions:

1. TRU waste shipments to Hanford began in FY-02

Estimated Time to Plan the Work (Including Review and Approval): 0 days. Continuation of FY-02 work.

Estimated Resources Required to Plan the Work

In the following table, for each appropriate labor type enter the # of Persons involved in planning the activity, the # of Days (full or partial) they will be involved, and the total # of person-Hours necessary to plan the work, e.g., 2/5/36

Labor Type	Code	Persons/Days/Hours
Manager/Senior Staff	HBB	
Technical Advisors	HBTA	
Project Manager/HP Manager	HBPM	
Task Leader	HBTL	
Secretary/Clerical	HBS	
Support Professional	HBP	
Bartlett Health Physics	HRH	
	HBCO	

Estimated Time to Perform the Work: 6 months (including winter down time).

Estimated Resources Required to Perform the Work

In the following table, for each appropriate labor type enter the # of Persons working on the activity, the # of Days (full or partial) they are involved, and the total # of Hours necessary to actually perform the work; the PPE/Laundry Group to be used during the performance of the work; and the Total # of Jumps; e.g., 4/20/640 Group 1 160

Labor Type	Code	Persons/Days/Hours	PPE/Laundry Group	Total Jumps
Program Manager	HBA			
Manager/Senior Staff	HBB			
Technical Advisors	HBTA			
Project Manager/HP Manager	HBPM	2 / 8 / 32		
Task Leader	HBTL	1 / 8 / 64		
Battelle Technician	HBT	1 / 8 / 64		
Battelle Technician O/T	HBTO			
RAL Staff	HBL			
Support Professional	HBP			
Secretary/Clerical	HBS			
Decon Ops Hourly	HBH			
BCO Support	HBCO			
BCO Skilled Laborer	HCE			
BCO Skilled Laborer O/T	HCEO			
BCO Facility Manager	HCF			
Bartlett Technician	HRD	3 / 8 / 192		
Bartlett Maint Specialist	HRDS	1 / 8 / 16		
Bartlett Health Physics	HRH	3 / 8 / 192		
Bartlett Admin Support	HRA			
Asbestos Abate. Cntr.				

Subcontract/Purchased Service: Duratek cask QA 4 events @$8,500 → $35,955

Special Equipment/Material:

Comments/Explanations:

Basis of Estimate:

What is the estimator's experience? 15 years experience in operational planning and execution in both private industry and DOE projects.

What experience is directly related to BCLDP? 5 years of direct experience in D&D of nuclear facilities within the DOE complex.

Did we apply a complexity factor during our thought process? The estimate was based on prior experience conducting similar work on the BCLDP. No complexity factor was used.

Completed by: PJ Weaver **Date:** 6-5-02 **Rev. No.:** 0

☐ JN-1 ☐ JN-2 ☐ JN-3 ☐ Ext. Area ☐ Env. Mtr. ☐ Samples ☒ TRU/Waste ☐ Release Site

Activity No.: W023A **Work Pkg. No.:** 132-B02

Function Name: Finish TRU Waste Management for Shipments to Hanford

Component Name: TRU Waste

Function Description: This work package is for providing the interface with the Hanford Site necessary to complete TRU waste shipments. This includes completion of waste profiles, scheduling, and all other required coordination activities.

Basis of Estimate

Strategy for Accomplishing Function: BCLDP management will work closely with DOE and the Hanford Site to identify all necessary activities required to ship TRU waste. Each activity will be assigned and tracked to completion by the BCLDP TRU Waste Project Manager.

Applicable Requirements/Procedures:

TRU WCP Manual (Plans and Procedures); DD-93-04, 05; DD-90-02; DD-93-04, 05; DD-98-04; HP-AP-1.0, 2.0, 5.0, 8.0, 10.0, 11.0, 15.0, 17.0; HP-OP-012, 018, 019, 201; HS-AP-4.0, 5.0; HS-OP-001; MA-AP-20.1; PR-AP-17.1; QD-AP-4.1, 5.2, 6.1, 7.1; RL-AP-1.0; RS-AP-1.0; RS-OP-002; TD-AP-2.0.

Input Descriptions:

1. Characterization data for all packaged TRU waste.

Output Descriptions:

1. Approval to continue shipments of TRU waste to the Hanford Site.

Assumptions:

1. TRU waste shipments to Hanford began in FY-02
2. TRU waste will not be shipped during winter months.
3. 2 casks will be used for each shipping event.

Estimated Time to Plan the Work (Including Review and Approval):

Estimated Resources Required to Plan the Work

In the following table, for each appropriate labor type enter the # of Persons involved in planning the activity, the # of Days (full or partial) they will be involved, and the total # of person-Hours necessary to plan the work, e.g., 2/5/36

Labor Type	Code	Persons/Days/Hours
Manager/Senior Staff	HBB	
Technical Advisors	HBTA	
Project Manager/HP Manager	HBPM	
Task Leader	HBTL	
Secretary/Clerical	HBS	
Support Professional	HBP	
Bartlett Health Physics	HRH	
	HBCO	

Estimated Time to Perform the Work: 6 Months (includes winter stoppage of TRU shipments)

Estimated Resources Required to Perform the Work

In the following table, for each appropriate labor type enter the # of Persons working on the activity, the # of Days (full or partial) they are involved, and the total # of Hours necessary to actually perform the work; the PPE/Laundry Group to be used during the performance of the work; and the Total # of Jumps; e.g., 4/20/640 Group 1 160

Labor Type	Code	Persons/Days/Hours	PPE/Laundry Group	Total Jumps
Program Manager	HBA			
Manager/Senior Staff	HBB	1 / 90 / 72		
Technical Advisors	HBTA			
Project Manager/HP Manager	HBPM	2 / 90 /468		
Task Leader	HBTL	1 / 90 / 108		
Battelle Technician	HBT			
Battelle Technician O/T	HBTO			
RAL Staff	HBL			
Support Professional	HBP			
Secretary/Clerical	HBS			
Decon Ops Hourly	HBH			
BCO Support	HBCO			
BCO Skilled Laborer	HCE			
BCO Skilled Laborer O/T	HCEO			
BCO Facility Manager	HCF			
Bartlett Technician	HRD			
Bartlett Maint Specialist	HRDS			
Bartlett Health Physics	HRH			
Bartlett Admin Support	HRA			
Asbestos Abate. Cntr.				

Subcontract/Purchased Service:

Special Equipment/Material:

Comments/Explanations:

Basis of Estimate:

What is the estimator's experience? 15 years experience in operational planning and execution in both private industry and DOE projects.

What experience is directly related to BCLDP? 5 years of direct experience in D&D of nuclear facilities within the DOE complex.

Did we apply a complexity factor during our thought process? The estimate was based on prior experience conducting similar work on the BCLDP. No complexity factor was used.

Completed by: PJ Weaver **Date:** 6-6-02 **Rev. No.:** 0

☐ JN-1 ☐ JN-2 ☐ JN-3 ☐ Ext. Area ☐ Env. Mtr. ☐ Samples ☒ TRU/Waste ☐ Release Site

Activity No.: W024A **Work Pkg. No.:** 132-B04

Function Name: Finish Waste Management Operations Support for Loading Pallets

Component Name: TRU Waste

Function Description: This activity is to load TRU waste drums on to 5-drum pallets and staging for shipment to Hanford.

Basis of Estimate

Strategy for Accomplishing Function: TRU waste drums will be grouped in sets of 5 to maximize the Pu content for each 10-160B shipment. Each group will be loaded onto a 5 drum pallet and staged for loading into the 10-160B cask for shipment to Hanford.

Applicable Requirements/Procedures:

TRU WCP Manual (Plans and Procedures); DD-93-04, 05; DD-90-02; DD-93-04, 05; DD-98-04; HP-AP-1.0, 2.0, 5.0, 8.0, 10.0, 11.0, 15.0, 17.0; HP-OP-012, 018, 019, 201; HS-AP-4.0, 5.0; HS-OP-001; MA-AP-20.1; PR-AP-17.1; QD-AP-4.1, 5.2, 6.1, 7.1; RL-AP-1.0; RS-AP-1.0; RS-OP-002; TD-AP-2.0.

Input Descriptions:

1. Packaged TRU waste drums ready for shipment to Hanford.

Output Descriptions:

1. 5 Drum pallets ready for loading into the 10-160B cask.

Assumptions:

1. TRU waste shipments to Hanford began in FY-02
2. The TRU drums were not contaminated on the outside during their time in storage.

Estimated Time to Plan the Work (Including Review and Approval): 0 days. This work is a continuation of work began in FY-02

Estimated Resources Required to Plan the Work

In the following table, for each appropriate labor type enter the # of Persons involved in planning the activity, the # of Days (full or partial) they will be involved, and the total # of person-Hours necessary to plan the work, e.g., 2/5/36

Labor Type	Code	Persons/Days/Hours
Manager/Senior Staff	HBB	
Technical Advisors	HBTA	
Project Manager/HP Manager	HBPM	
Task Leader	HBTL	
Secretary/Clerical	HBS	
Support Professional	HBP	
Bartlett Health Physics	HRH	
	HBCO	

Estimated Time to Perform the Work: 90 days (This includes the winter shutdown of TRU waste shipments)

Estimated Resources Required to Perform the Work

In the following table, for each appropriate labor type enter the # of Persons working on the activity, the # of Days (full or partial) they are involved, and the total # of Hours necessary to actually perform the work; the PPE/Laundry Group to be used during the performance of the work; and the Total # of Jumps; e.g., 4/20/640 Group 1 160

Labor Type	Code	Persons/Days/Hours	PPE/Laundry Group	Total Jumps
Program Manager	HBA			
Manager/Senior Staff	HBB			
Technical Advisors	HBTA			
Project Manager/HP Manager	HBPM	2 / 90 / 24		
Task Leader	HBTL	1 / 90 / 48		
Battelle Technician	HBT	1 / 90 / 48		
Battelle Technician O/T	HBTO			
RAL Staff	HBL			
Support Professional	HBP			
Secretary/Clerical	HBS			
Decon Ops Hourly	HBH			
BCO Support	HBCO			
BCO Skilled Laborer	HCE			
BCO Skilled Laborer O/T	HCEO			
BCO Facility Manager	HCF			
Bartlett Technician	HRD	2 / 90 / 96		
Bartlett Maint Specialist	HRDS	1 / 90 /12		
Bartlett Health Physics	HRH	2 / 90 / 96		
Bartlett Admin Support	HRA			
Asbestos Abate. Cntr.				

Subcontract/Purchased Service:

Special Equipment/Material: 5 drum pallets: 6 @ $4,558 each = $27,348

Comments/Explanations:

Basis of Estimate:

What is the estimator's experience? 15 years experience in operational planning and execution in both private industry and DOE projects.

What experience is directly related to BCLDP? 5 years of direct experience in D&D of nuclear facilities within the DOE complex.

Did we apply a complexity factor during our thought process? The estimate was based on prior experience conducting similar work on the BCLDP. No complexity factor was used.

Completed by: PJ Weaver **Date:** 6-6-02 **Rev. No.:** 0

☐ JN-1 ☐ JN-2 ☐ JN-3 ☐ Ext. Area ☐ Env. Mtr. ☐ Samples ☒ TRU/Waste ☐ Release Site

Activity No.: W027A **Work Pkg. No.:** 132-B06

Function Name: Finish Transportation of TRU Waste to Hanford

Component Name: TRU Waste

Function Description: TRU waste will be transported to the Hanford site using 10-160B casks.

Basis of Estimate

Strategy for Accomplishing Function: TRU waste will be transported to the Hanford Site using the 10-160B cask. In order to shorten the duration of the shipment effort, a second 10-160B cask will be leased to supplement the one owned by DOE. Transportation serviced will be coordinated by the WIPP transportation staff to ensure that all TRU protocols are followed. A support trailer will be contracted to transport cask equipment needed for loading/off-loading between the West Jefferson and Hanford Sites.

Applicable Requirements/Procedures:

TRU WCP Manual (Plans and Procedures); DD-93-04, 05; DD-90-02; DD-93-04, 05; DD-98-04; HP-AP-1.0, 2.0, 5.0, 8.0, 10.0, 11.0, 15.0, 17.0; HP-OP-012, 018, 019, 201; HS-AP-4.0, 5.0; HS-OP-001; MA-AP-20.1; PR-AP-17.1; QD-AP-4.1, 5.2, 6.1, 7.1; RL-AP-1.0; RS-AP-1.0; RS-OP-002; TD-AP-2.0.

Input Descriptions:

1. 10-160B cask loaded with TRU Waste ready for shipment

Output Descriptions:

1. TRU Waste shipped to Hanford

Assumptions:

1. TRU Waste shipments to Hanford began in FY-02

Estimated Time to Plan the Work (Including Review and Approval):

Estimated Resources Required to Plan the Work

In the following table, for each appropriate labor type enter the # of Persons involved in planning the activity, the # of Days (full or partial) they will be involved, and the total # of person-Hours necessary to plan the work, e.g., 2/5/36

Labor Type	Code	Persons/Days/Hours
Manager/Senior Staff	HBB	
Technical Advisors	HBTA	
Project Manager/HP Manager	HBPM	
Task Leader	HBTL	
Secretary/Clerical	HBS	
Support Professional	HBP	
Bartlett Health Physics	HRH	
	HBCO	

Estimated Time to Perform the Work: 0 days. Subcontracts will be managed under WBS W023A

Estimated Resources Required to Perform the Work

In the following table, for each appropriate labor type enter the # of Persons working on the activity, the # of Days (full or partial) they are involved, and the total # of Hours necessary to actually perform the work; the PPE/Laundry Group to be used during the performance of the work; and the Total # of Jumps; e.g., 4/20/640 Group 1 160

Labor Type	Code	Persons/Days/Hours	PPE/Laundry Group	Total Jumps
Program Manager	HBA			
Manager/Senior Staff	HBB			
Technical Advisors	HBTA			
Project Manager/HP Manager	HBPM			
Task Leader	HBTL			
Battelle Technician	HBT			
Battelle Technician O/T	HBTO			
RAL Staff	HBL			
Support Professional	HBP			
Secretary/Clerical	HBS			
Decon Ops Hourly	HBH			
BCO Support	HBCO			
BCO Skilled Laborer	HCE			
BCO Skilled Laborer O/T	HCEO			
BCO Facility Manager	HCF			
Bartlett Technician	HRD			
Bartlett Maint Specialist	HRDS			
Bartlett Health Physics	HRH			
Bartlett Admin Support	HRA			
Asbestos Abate. Cntr.				

Subcontract/Purchased Service:

10-160B Cask Rental: 90 days @ $1,500/day → $142,763
Transportation of 10-160B cask to Hanford: 8 Trips @ $21,724/trip = $173,792 (note: per trip cost based on verbal price quote from DOE Carlsbad)
Equipment Support Truck: 4 shipping events @ $5,288/event= $21,150

Special Equipment/Material:

Comments/Explanations:

Basis of Estimate:

What is the estimator's experience? 15 years experience in operational planning and execution in both private industry and DOE projects.

What experience is directly related to BCLDP? 5 years of direct experience in D&D of nuclear facilities within the DOE complex.

Did we apply a complexity factor during our thought process? The estimate was based on prior experience conducting similar work on the BCLDP. No complexity factor was used.

Completed by: PJ Weaver **Date:** 5-28-02 **Rev. No.:** 0

☐ JN-1 ☐ JN-2 ☐ JN-3 ☐ Ext. Area ☐ Env. Mtr. ☐ Samples ☒ TRU/Waste ☐ Release Site

Activity No.: W050 **Work Pkg. No.: 132-B07**

Function Name: Hanford: Review Profiles and Approve.

Component Name: TRU Waste

Function Description: This work package is for providing the funding to the Hanford Site for the review and approval of TRU waste profiles and data packages. This information will be in addition to the work completed in FY-02.

Basis of Estimate

Strategy for Accomplishing Function: BCLDP management will provide TRU waste profiles and data sheet packages to the Hanford Waste Acceptance Group for review/approval require to ship TRU waste to Hanford.

Applicable Requirements/Procedures:

TRU WCP Manual (Plans and Procedures); DD-93-04, 05; DD-90-02; DD-93-04, 05; DD-98-04; HP-AP-1.0, 2.0, 5.0, 8.0, 10.0, 11.0, 15.0, 17.0; HP-OP-012, 018, 019, 201; HS-AP-4.0, 5.0; HS-OP-001; MA-AP-20.1; PR-AP-17.1; QD-AP-4.1, 5.2, 6.1, 7.1; RL-AP-1.0; RS-AP-1.0; RS-OP-002; TD-AP-2.0.

Input Descriptions:

1. Characterization data for all packaged TRU waste.

Output Descriptions:

1. Approval to continue shipments of TRU waste to the Hanford Site.

Assumptions:

1. TRU waste shipments to Hanford began in FY-02
2. 12 cask loads of TRU waste were shipped to Hanford in FY-02..

Estimated Time to Plan the Work (Including Review and Approval):

Estimated Resources Required to Plan the Work

In the following table, for each appropriate labor type enter the # of Persons involved in planning the activity, the # of Days (full or partial) they will be involved, and the total # of person-Hours necessary to plan the work, e.g., 2/5/36

Labor Type	Code	Persons/Days/Hours
Manager/Senior Staff	HBB	
Technical Advisors	HBTA	
Project Manager/HP Manager	HBPM	
Task Leader	HBTL	
Secretary/Clerical	HBS	
Support Professional	HBP	
Bartlett Health Physics	HRH	
	HBCO	

Estimated Time to Perform the Work: 6 Months (includes winter stoppage of TRU shipments)

Estimated Resources Required to Perform the Work

In the following table, for each appropriate labor type enter the # of Persons working on the activity, the # of Days (full or partial) they are involved, and the total # of Hours necessary to actually perform the work; the PPE/Laundry Group to be used during the performance of the work; and the Total # of Jumps; e.g., 4/20/640 Group 1 160

Labor Type	Code	Persons/Days/Hours	PPE/Laundry Group	Total Jumps
Program Manager	HBA			
Manager/Senior Staff	HBB			
Technical Advisors	HBTA			
Project Manager/HP Manager	HBPM			
Task Leader	HBTL			
Battelle Technician	HBT			
Battelle Technician O/T	HBTO			
RAL Staff	HBL			
Support Professional	HBP			
Secretary/Clerical	HBS			
Decon Ops Hourly	HBH			
BCO Support	HBCO			
BCO Skilled Laborer	HCE			
BCO Skilled Laborer O/T	HCEO			
BCO Facility Manager	HCF			
Bartlett Technician	HRD			
Bartlett Maint Specialist	HRDS			
Bartlett Health Physics	HRH			
Bartlett Admin Support	HRA			
Asbestos Abate. Cntr.				

Subcontract/Purchased Service: Hanford Waste Acceptance Group: [Profile Review – 1 @ $21,573 each : Data Sheet Package Review 8 - $10,787 each] = $107,869

Special Equipment/Material:

Comments/Explanations:

Basis of Estimate:

What is the estimator's experience? 15 years experience in operational planning and execution in both private industry and DOE projects.

What experience is directly related to BCLDP? 5 years of direct experience in D&D of nuclear facilities within the DOE complex.

Did we apply a complexity factor during our thought process? The estimate was based on prior experience conducting similar work on the BCLDP. No complexity factor was used.

Completed by: PJ Weaver **Date:** 6-6-02 **Rev. No.:** 0

☐ JN-1 ☐ JN-2 ☐ JN-3 ☐ Ext. Area ☐ Env. Mtr. ☐ Samples ☒ TRU/Waste ☐ Release Site

Activity No.: W051 **Work Pkg. No.: 132-B07**

Function Name: Hanford: Unload Pallets from Trucks and Load Pallets into Vaults.

Component Name: TRU Waste

Function Description: This work package is for providing the funding to the Hanford Site for the receipt and off loading of TRU waste at the Hanford Site. This work will be in addition to the work completed in FY-02.

Basis of Estimate

Strategy for Accomplishing Function: BCLDP will transport BCLDP TRU waste to the Hanford Site in the 10-160B cask. The TRU waste will be off loaded at Hanford and stored until the WIPP facility can receive Re-handled waste.

Applicable Requirements/Procedures:

TRU WCP Manual (Plans and Procedures); DD-93-04, 05; DD-90-02; DD-93-04, 05; DD-98-04; HP-AP-1.0, 2.0, 5.0, 8.0, 10.0, 11.0, 15.0, 17.0; HP-OP-012, 018, 019, 201; HS-AP-4.0, 5.0; HS-OP-001; MA-AP-20.1; PR-AP-17.1; QD-AP-4.1, 5.2, 6.1, 7.1; RL-AP-1.0; RS-AP-1.0; RS-OP-002; TD-AP-2.0.

Input Descriptions:

1. Loaded 10-160B cask.

Output Descriptions:

1. BCLDP TRU waste stored at the Hanford Site.

Assumptions:

1. TRU waste shipments to Hanford began in FY-02
2. 12 cask loads of TRU waste were shipped to Hanford in FY-02..

Estimated Time to Plan the Work (Including Review and Approval):

Estimated Resources Required to Plan the Work

In the following table, for each appropriate labor type enter the # of Persons involved in planning the activity, the # of Days (full or partial) they will be involved, and the total # of person-Hours necessary to plan the work, e.g., 2/5/36

Labor Type	Code	Persons/Days/Hours
Manager/Senior Staff	HBB	
Technical Advisors	HBTA	
Project Manager/HP Manager	HBPM	
Task Leader	HBTL	
Secretary/Clerical	HBS	
Support Professional	HBP	
Bartlett Health Physics	HRH	
	HBCO	

Estimated Time to Perform the Work: 6 Months (includes winter stoppage of TRU shipments)

Estimated Resources Required to Perform the Work

In the following table, for each appropriate labor type enter the # of Persons working on the activity, the # of Days (full or partial) they are involved, and the total # of Hours necessary to actually perform the work; the PPE/Laundry Group to be used during the performance of the work; and the Total # of Jumps; e.g., 4/20/640 Group 1 160

Labor Type	Code	Persons/Days/Hours	PPE/Laundry Group	Total Jumps
Program Manager	HBA			
Manager/Senior Staff	HBB			
Technical Advisors	HBTA			
Project Manager/HP Manager	HBPM			
Task Leader	HBTL			
Battelle Technician	HBT			
Battelle Technician O/T	HBTO			
RAL Staff	HBL			
Support Professional	HBP			
Secretary/Clerical	HBS			
Decon Ops Hourly	HBH			
BCO Support	HBCO			
BCO Skilled Laborer	HCE			
BCO Skilled Laborer O/T	HCEO			
BCO Facility Manager	HCF			
Bartlett Technician	HRD			
Bartlett Maint Specialist	HRDS			
Bartlett Health Physics	HRH			
Bartlett Admin Support	HRA			
Asbestos Abate. Cntr.				

Subcontract/Purchased Service:

Hanford Waste Receipt Group: [Waste Receipt – 4 @ $11,759 per 2 casks] = $47,036
Waste storage costs for 25 drums @ $1,338/drum = $33,450

Special Equipment/Material:

Comments/Explanations:

Basis of Estimate:

What is the estimator's experience? 15 years experience in operational planning and execution in both private industry and DOE projects.

What experience is directly related to BCLDP? 5 years of direct experience in D&D of nuclear facilities within the DOE complex.

Did we apply a complexity factor during our thought process? The estimate was based on prior experience conducting similar work on the BCLDP. No complexity factor was used.

Completed by: PJ Weaver **Date:** 6-6-02 **Rev. No.:** 0

☐ JN-1 ☐ JN-2 ☐ JN-3 ☐ Ext. Area ☐ Env. Mtr. ☐ Samples ☒ TRU/Waste ☐ Release Site

Activity No.:, L01-03, L01-04, L01-05, L01-06

Work Pkg. No.: 133-A03, 133-A04, 133-A05, 133-A06

Function Name: Maintain Non-TRU Waste Programs

Component Name: All West Jefferson North Site Areas

Function Description: To maintain (and identify new, as needed) disposal options for the LLW generated from Battelle Columbus Laboratories Decommissioning Project activities. Prepare and submit waste related reports required by various disposal sites/regulatory agencies.

Basis of Estimate

Strategy for Accomplishing Function: Secure disposal pathways (multiple if possible) for the various LLW generated by the BCLDP. Maintain the management systems necessary for managing PCB's, recycled, construction, and hazardous waste streams. This includes coordinating waste pick-ups, weekly walkdowns, and necessary interfaces with disposal facilities.

Applicable Requirements/Procedures:

Waste Management Plans and Procedures Manual; Quality Assurance Manual; Quality Administrative Manual; Waste Acceptance Criteria (WAC) for the following Treatment/Storage/Disposal Facilities (TSDF's): Envirocare of Utah; Hanford Nuclear Facility (HNF); DD-93-04, 05; DD-98-04; PR-AP-17.1; QD-AP-4.1, 7.1; TD-AP-2.0.

Input Descriptions:

1. Waste acceptance criteria from disposal sites,
2. Sample results from waste generating activities,
3. Waste management checklists from work instructions
4. Projected waste volumes.

Output Descriptions:

1. Approved generator status at various disposal facilities,
2. Updated waste management procedures,
3. Waste certification program documentation for various treatment, storage, and disposal facilities,
4. Waste forecasting, waste generation, and waste minimization reports to various federal agencies, state agencies, and project functions.

Assumptions:

1. The BCLDP will maintain certified waste management programs for the various TSDF's.
2. The TSDF's will accept waste generated at the BCLDP for the life of the project.
3. The BCLDP will be able to meet future characterization and certification changes to the TSDF's WAC.
4. Waste management checklists are completed by the task generating the waste.
5. Samples are collected by the task generating the waste.
6. Non radioactive waste disposal costs are budgeted outside of the manage waste activities (i.e. BCO, task generating waste).
7. Resources included in Lowman baseline Excel spreadsheet.

Estimated Time to Plan the Work (Including Review and Approval): 0 days

Estimated Resources Required to Plan the Work

In the following table, for each appropriate labor type enter the # of Persons involved in planning the activity, the # of Days (full or partial) they will be involved, and the total # of person-Hours necessary to plan the work, e.g., 2/5/36

Labor Type	Code	Persons/Days/Hours
Manager/Senior Staff	HBB	
Technical Advisors	HBTA	
Project Manager/HP Manager	HBPM	
Task Leader	HBTL	
Secretary/Clerical	HBS	
Support Professional	HBP	
Bartlett Health Physics	HRH	

Estimated Time to Perform the Work: Per year.

Estimated Resources Required to Perform the Work

In the following table, for each appropriate labor type enter the # of Persons working on the activity, the # of Days (full or partial) they are involved, and the total # of Hours necessary to actually perform the work; the PPE/Laundry Group to be used during the performance of the work; and the Total # of Jumps; e.g., 4/20/640 Group 1 160

Estimates are on a per year basis.

Labor Type	Code	Persons/Days/Hours	PPE/Laundry Group	Total Jumps
Program Manager	HBA			
Manager/Senior Staff	HBB	1 /yr / 32		
Technical Advisors	HBTA	1 /yr / 160		
Project Manager/HP Manager	HBPM	2 /yr / 1822		
Task Leader	HBTL	1 /yr / 424		
Battelle Technician	HBT			
Battelle Technician O/T	HBTO			
RAL Staff	HBL			
Support Professional	HBP			
Secretary/Clerical	HBS	1 / yr / 160		
Decon Ops Hourly	HBH			
BCO Support	HBCO			
BCO Skilled Laborer	HCE			
BCO Skilled Laborer O/T	HCEO			
BCO Facility Manager	HCF			
Bartlett Technician	HRD			
Bartlett Maint Specialist	HRDS			
Bartlett Health Physics	HRH			
Bartlett Admin Support	HRA			

Subcontract/Purchased Service: Radio-assay services for non-destructive assay (NDA), real-time-radiography (RTR) services, and waste management on-site technical support services - $15,000. Contract waste management document specialist – $54,400 (640 hours/year @ $85.00/hour)

Special Equipment/Material:

Comments/Explanations:

Basis of Estimate:

What is the estimator's experience? 15 years experience in operational planning and execution in both private industry and DOE projects.

What experience is directly related to BCLDP? 5 years of direct experience in D&D of nuclear facilities within the DOE complex.

Did we apply a complexity factor during our thought process? The estimate was based on prior experience conducting similar work on the BCLDP. No complexity factor was used.

Completed by: P. Weaver / S Rank **Date:** 6/26/02 **Rev. No.:** 1

☐ JN-1 ☐ JN-2 ☐ JN-3 ☐ Ext. Area ☐ Env. Mtr. ☐ Samples ☒ TRU/Waste ☐ Release Site

Activity No.: L02-03, L02-04, L02-05, L02-06

Work Pkg. No.: 133-A03, 133-A04, 133-A05, 133-A06

Function Name: Accept, Process, and Package LLW Waste

Component Name: All West Jefferson North Site Areas

Function Description: To accept, process, and package radioactive low-level waste (LLW) generated as a result of the Battelle Columbus Laboratories Decommissioning Project.

Basis of Estimate

Strategy for Accomplishing Function: Provide LLW management information to waste generating activities to allow for proper packaging at the point of generation. Facilitate the disposal of and minimize the volume of LLW by segregating contaminated chemicals from uncontaminated chemicals and segregating drain lines containing chemical contamination via insitu characterization prior to removal. Minimize the volume of mixed waste by segregating hazardous components from non-hazardous components (i.e. drain line joints sealed with poured lead are segregated from the ductile iron piping).

Applicable Requirements/Procedures:

Waste Management Plans and Procedures Manual; Quality Assurance Manual, Quality Administrative Manual; Waste Acceptance Criteria (WAC) for the following Treatment/Storage/Disposal Facilities (TSDF's): Envirocare of Utah; Hanford Nuclear Facility (HNF); DD-90-02; DD-93-04, 05; DD-98-04; HP-AP-1.0, 2.0, 5.0, 8.0, 10.0; HP-OP-012, 018, 019; HS-AP-4.0, 5.0; HS-OP-001; MA-AP-20.1; PR-AP-17.1; QD-AP-4.1, 5.2, 6.1, 7.1; TD-AP-2.0.

Input Descriptions:

1. LLW for compaction and/or packaging
2. Drain lines for pipe processing
3. Disposal facility requirements

Output Descriptions:

1. Waste samples (one alpha/gamma spec for each 288 ft^3 of non-compactable; one sample for alpha/gamma spec for each 150 gal of processed water; and 0.25 sample for alpha/gamma spec and RCRA analysis for each 100 ft of pipe).
2. Containerized LLW for shipment
3. Mixed waste for disposal (from pipe processing)

Assumptions:

1. Waste packaging criteria will not change once waste is packaged.
2. See Lowman baseline and Lowman jn1 demo Excel spreadsheets for yearly resource values using production rates defined in this datasheet

Estimated Time to Plan the Work (Including Review and Approval): 0 days

Estimated Resources Required to Plan the Work

In the following table, for each appropriate labor type enter the # of Persons involved in planning the activity, the # of Days (full or partial) they will be involved, and the total # of person-Hours necessary to plan the work, e.g., 2/5/36

Labor Type	Code	Persons/Days/Hours
Manager/Senior Staff	HBB	
Technical Advisors	HBTA	
Project Manager/HP Manager	HBPM	
Task Leader	HBTL	
Secretary/Clerical	HBS	
Support Professional	HBP	
Bartlett Health Physics	HRH	

Estimated Time to Perform the Work: Continuous while the BCLDP is generating waste.

Estimated Resources Required to Perform the Work

In the following table, for each appropriate labor type enter the # of Persons working on the activity, the # of Days (full or partial) they are involved, and the total # of Hours necessary to actually perform the work; the PPE/Laundry Group to be used during the performance of the work; and the Total # of Jumps; e.g., 4/20/640 Group 1 160

Compaction of waste – estimates are on a per 74 ft^3 basis (i.e. costs to process 74 ft^3 of waste)
Note: Will generate 18.5 ft^3 of compacted waste for non compactable waste loading.

Labor Type	Code	Persons/Days/Hours	PPE/Laundry Group	Total Jumps
Program Manager	HBA			
Manager/Senior Staff	HBB			
Technical Advisors	HBTA			
Project Manager/HP Manager	HBPM			
Task Leader	HBTL	1 / 1 / 1		
Battelle Technician	HBT			
Battelle Technician O/T	HBTO			
RAL Staff	HBL			
Support Professional	HBP			
Secretary/Clerical	HBS			
Decon Ops Hourly	HBH			
BCO Support	HBCO			
BCO Skilled Laborer	HCE			
BCO Skilled Laborer O/T	HCEO			
BCO Facility Manager	HCF			
Bartlett Technician	HRD	2 / 1 / 10	2-III and 1-0	3
Bartlett Maint Specialist	HRDS	2 / 1 / 2		
Bartlett Health Physics	HRH	2 / 1 / 10	2-0	2
Bartlett Admin Support	HRA			

Non compactable waste loading – estimates are on a per 72 ft^3 basis (i.e. loading one B-25 box) Note: Will also generate 0.25 samples and 1 B-25 box for shipping.

Labor Type	Code	Persons/Days/Hours	PPE/Laundry Group	Total Jumps
Program Manager	HBA			
Manager/Senior Staff	HBB			
Technical Advisors	HBTA			
Project Manager/HP Manager	HBPM			
Task Leader	HBTL	1 / 1 / 3		
Battelle Technician	HBT			
Battelle Technician O/T	HBTO			
RAL Staff	HBL			
Support Professional	HBP			
Secretary/Clerical	HBS			
Decon Ops Hourly	HBH			
BCO Support	HBCO			
BCO Skilled Laborer	HCE			
BCO Skilled Laborer O/T	HCEO			
BCO Facility Manager	HCF			
Bartlett Technician	HRD	3 / 1 / 32	2 – 0 3 - III	5
Bartlett Maint Specialist	HRDS	1 / 1 / 3		
Bartlett Health Physics	HRH	2 / 1 / 20	2 – 0 1 - III	3
Bartlett Admin Support	HRA			

Water processing – estimates are on a per 150 gallon basis. Note: Will also generate 1 sample for alpha/gamma spec.

Labor Type	Code	Persons/Days/Hours	PPE/Laundry Group	Total Jumps
Program Manager	HBA			
Manager/Senior Staff	HBB			
Technical Advisors	HBTA			
Project Manager/HP Manager	HBPM			
Task Leader	HBTL	1 / 1 / 1		
Battelle Technician	HBT			
Battelle Technician O/T	HBTO			
RAL Staff	HBL			
Support Professional	HBP			
Secretary/Clerical	HBS			
Decon Ops Hourly	HBH			
BCO Support	HBCO			
BCO Skilled Laborer	HCE			
BCO Skilled Laborer O/T	HCEO			
BCO Facility Manager	HCF			
Bartlett Technician	HRD	2 / 1 / 8	III	2
Bartlett Maint Specialist	HRDS	1 / 1 / 1		
Bartlett Health Physics	HRH	2 / 1 / 4	1 – 0 1 -III	2
Bartlett Admin Support	HRA			

Pipe processing – estimates are on a per 100 feet of pipe basis. NOTE: Generates 33 ft^3 of non-compactable LLW and 1.5 ft^3 of mixed LLW. TCLP samples for offsite analyses .25 sample for alpha/gamma spec and RCRA analysis per 100 linear foot.

Labor Type	Code	Persons/Days/Hours	PPE/Laundry Group	Total Jumps
Program Manager	HBA			
Manager/Senior Staff	HBB			
Technical Advisors	HBTA			
Project Manager/HP Manager	HBPM			
Task Leader	HBTL	1 / 1 / 2		
Battelle Technician	HBT			
Battelle Technician O/T	HBTO			
RAL Staff	HBL			
Support Professional	HBP			
Secretary/Clerical	HBS			
Decon Ops Hourly	HBH			
BCO Support	HBCO			
BCO Skilled Laborer	HCE			
BCO Skilled Laborer O/T	HCEO			
BCO Facility Manager	HCF			
Bartlett Technician	HRD	3 / 1 / 32	II	3
Bartlett Maint Specialist	HRDS	1 / 1 / 2		
Bartlett Health Physics	HRH	1 / 1 / 8	II	1
Bartlett Admin Support	HRA			

Subcontract/Purchased Service:

Special Equipment/Material:

Comments/Explanations:

Basis of Estimate:

What is the estimator's experience? 15 years experience in operational planning and execution in both private industry and DOE projects.

What experience is directly related to BCLDP? 5 years of direct experience in D&D of nuclear facilities within the DOE complex.

Did we apply a complexity factor during our thought process? The estimate was based on prior experience conducting similar work on the BCLDP. No complexity factor was used.

Completed by: P Weaver / S Rank **Date:** 6/26/02 **Rev. No.** 1

☐ JN-1 ☐ JN-2 ☐ JN-3 ☐ Ext. Area ☐ Env. Mtr. ☐ Samples ☒ TRU/Waste ☐ Release Site

Activity No.: L03-03, L03-04, L03-05, L03-05D, L03-06, L03-06D

Work Pkg. No.: 133-A03, 133-A04, 133-A05, 133-A06

Function Name: Prepare Documents and Packages (LLW)

Component Name: All West Jefferson North Site Areas

Function Description: To prepare the radioactive low-level waste (LLW) shipping documentation and the waste packages for shipment.

Basis of Estimate

Strategy for Accomplishing Function: All shipping documentation will be prepared, and the LLW packages will be marked and labeled, and the carrier vehicle placarded, in accordance with all applicable Department of Transportation Regulations, applicable DOE Orders, facility Waste Acceptance Criteria, and BCLDP program documents.

The Waste Management Specialist/Task Leader for low-level waste will complete the shipment documentation per the disposal site acceptance criteria and by BCLDP procedures. The shipment documentation will be forwarded to the proper disposal site for review and approval. The disposal site sends approval documentation to the BCLDP approving the BCLDP to schedule waste shipment.

The Waste Management Specialist/Task Leader for low-level waste will complete the marking and labeling instructions and oversee this activity. The Health Physics group will assist Waste Management with a final check of the waste package closure devices, staging the waste packages for shipment, and completing the pre-shipment survey.

Applicable Requirements/Procedures:

Waste Management Plans and Procedures Manual; Quality Assurance Manual; Quality Administrative Manual; Waste Acceptance Criteria (WAC) for the following Treatment/Storage/Disposal Facilities (TSDF's): Envirocare of Utah; Hanford Nuclear Facility (HNF); DD-93-04, 05; HP-OP-019; HS-AP-5.0; HS-OP-001; PR-AP-17.1; QD-AP-4.1, 7.1; TD-AP-2.0.

Input Descriptions:

1. Packaged waste
2. Approved generator status at disposal sites

Output Descriptions:

1. Waste burial documents for the disposal facilities
2. Waste packages properly marked and labeled for shipment

Assumptions:

1. Labeling and marking requirements will not change after waste packages are marked and labeled.
2. See Lowman baseline and Lowman jn1 demo Excel spreadsheets for yearly resource values using production rates defined in this datasheet

Estimated Time to Plan the Work (Including Review and Approval):

Estimated Resources Required to Plan the Work

In the following table, for each appropriate labor type enter the # of Persons involved in planning the activity, the # of Days (full or partial) they will be involved, and the total # of person-Hours necessary to plan the work, e.g., 2/5/36

Labor Type	Code	Persons/Days/Hours
Manager/Senior Staff	HBB	
Technical Advisors	HBTA	
Project Manager/HP Manager	HBPM	
Task Leader	HBTL	
Secretary/Clerical	HBS	
Support Professional	HBP	
Bartlett Health Physics	HRH	

Estimated Time to Perform the Work: Continuous while the BCLDP is generating waste.

Estimated Resources Required to Perform the Work

In the following table, for each appropriate labor type enter the # of Persons working on the activity, the # of Days (full or partial) they are involved, and the total # of Hours necessary to actually perform the work; the PPE/Laundry Group to be used during the performance of the work; and the Total # of Jumps; e.g., 4/20/640 *Group 1* *160*

Shipments to Envirocare are based on 900 ft^3 of packaged waste (i.e. 10 loaded B-25 boxes). Soil and oversize loads to Envirocare are based on a 4:1 efficiency factor.

Labor Type	Code	Persons/Days/Hours	PPE/Laundry Group	Total Jumps
Program Manager	HBA			
Manager/Senior Staff	HBB			
Technical Advisors	HBTA	1 / 5 / 18		
Project Manager/HP Manager	HBPM	1 / 1 / 15		
Task Leader	HBTL	1 / 5 / 30		
Battelle Technician	HBT			
Battelle Technician O/T	HBTO			
RAL Staff	HBL			
Support Professional	HBP			
Secretary/Clerical	HBS			
Decon Ops Hourly	HBH			
BCO Support	HBCO			
BCO Skilled Laborer	HCE			
BCO Skilled Laborer O/T	HCEO			
BCO Facility Manager	HCF			
Bartlett Technician	HRD	2 / 5 / 16		
Bartlett Maint Specialist	HRDS	1 / 5 / 8		
Bartlett Health Physics	HRH	1 / 5 / 8		
Bartlett Admin Support	HRA			

Shipments to Hanford – Estimates are based on 900 ft^3 of packaged waste (i.e. 10 loaded B-25 boxes)

Labor Type	Code	Persons/Days/Hours	PPE/Laundry Group	Total Jumps
Program Manager	HBA			
Manager/Senior Staff	HBB			
Technical Advisors	HBTA	1 / 5 / 18		
Project Manager/HP Manager	HBPM	1 / 15 / 30		
Task Leader	HBTL	1 / 15 / 60		
Battelle Technician	HBT			
Battelle Technician O/T	HBTO			
RAL Staff	HBL			
Support Professional	HBP			
Secretary/Clerical	HBS			
Decon Ops Hourly	HBH			
BCO Support	HBCO			
BCO Skilled Laborer	HCE			
BCO Skilled Laborer O/T	HCEO			
BCO Facility Manager	HCF			
Bartlett Technician	HRD	2 / 5 / 16		
Bartlett Maint Specialist	HRDS	1 / 5 / 8		
Bartlett Health Physics	HRH	1 / 5 / 8		
Bartlett Admin Support	HRA			

Subcontract/Purchased Service:

Special Equipment/Material: Marking and labeling supplies.

Comments/Explanations:

Basis of Estimate:

What is the estimator's experience? 15 years experience in operational planning and execution in both private industry and DOE projects.

What experience is directly related to BCLDP? 5 years of direct experience in D&D of nuclear facilities within the DOE complex.

Did we apply a complexity factor during our thought process? The estimate was based on prior experience conducting similar work on the BCLDP. No complexity factor was used.

Completed by: P. Weaver / S Rank **Date:** 6/26/02 **Rev. No.:** 1

☐ JN-1 ☐ JN-2 ☐ JN-3 ☐ Ext. Area ☐ Env. Mtr. ☐ Samples ☒ TRU/Waste ☐ Release Site

Activity No.: L04-03, L04-04, L04-05, L04-05D, L04-06, L04-06D

Work Pkg. No.: 133-A03, 133-A04, 133-A05, 133-A06

Function Name: Ship LLW Waste

Component Name: All West Jefferson North Site Areas

Function Description: Ship radioactive low-level waste (LLW) generated as a result of the Battelle Columbus Laboratories Decommissioning Project.

Basis of Estimate

Strategy for Accomplishing Function: LLW will be shipped and tracked enroute to all TSDF's in accordance with all applicable Department of Transportation Regulations, applicable DOE Orders, and BCLDP program documents. The Transportation Specialist will conduct a pre-shipment safety briefing for the carrier/driver and Waste Management and Health Physics staff. The transport vehicle will be loaded with the waste packages and the Health Physics technician will complete a shipment survey. The Emergency Response Information will be distributed and with the Health Physics radiological survey release, the carrier leaves the site. All Emergency Response requirements per 49 CFR 172 subpart G are met until the shipment arrives at the disposal site. The Waste Management Specialist for low-level waste will be available for acceptance issues until the disposal site inspects the waste and accepts the shipment.

Applicable Requirements/Procedures:

DD-90-02; DD-93-04, 07, 11; HP-AP-1.0, 2.0, 5.0; HP-OP-019; HS-AP-2.0, 4.0, 5.0; HS-OP-001; PR-AP-17.1; SM-OP-001; TD-AP-2.0; TR-OP-002, 003, 005, 006.

Input Descriptions:

1. Packaged waste properly marked and labeled for shipment
2. Disposal facility burial documents
3. Disposal facility authorization to transport

Output Descriptions:

1. Shipped LLW

Assumptions:

1. Disposal facilities will be available to accept LLW
2. See Lowman baseline and Lowman jn1 demo Excel spreadsheets for yearly resource values using production rates defined in this datasheet

Estimated Time to Plan the Work (Including Review and Approval): 0 days

Estimated Resources Required to Plan the Work

In the following table, for each appropriate labor type enter the # of Persons involved in planning the activity, the # of Days (full or partial) they will be involved, and the total # of person-Hours necessary to plan the work, e.g., 2/5/36

Labor Type	Code	Persons/Days/Hours
Manager/Senior Staff	HBB	
Technical Advisors	HBTA	
Project Manager/HP Manager	HBPM	
Task Leader	HBTL	
Secretary/Clerical	HBS	
Support Professional	HBP	
Bartlett Health Physics	HRH	

Estimated Time to Perform the Work: One day

Estimated Resources Required to Perform the Work

In the following table, for each appropriate labor type enter the # of Persons working on the activity, the # of Days (full or partial) they are involved, and the total # of Hours necessary to actually perform the work; the PPE/Laundry Group to be used during the performance of the work; and the Total # of Jumps; e.g., 4/20/640 Group 1 160

Estimates are based on 900 ft^3 of packaged waste (i.e. 1 truck load)

Labor Type	Code	Persons/Days/Hours	PPE/Laundry Group	Total Jumps
Program Manager	HBA			
Manager/Senior Staff	HBB			
Technical Advisors	HBTA			
Project Manager/HP Manager	HBPM	1 / 1 / 2		
Task Leader	HBTL	1 / 1 / 4		
Battelle Technician	HBT			
Battelle Technician O/T	HBTO			
RAL Staff	HBL			
Support Professional	HBP			
Secretary/Clerical	HBS			
Decon Ops Hourly	HBH			
BCO Support	HBCO			
BCO Skilled Laborer	HCE			
BCO Skilled Laborer O/T	HCEO			
BCO Facility Manager	HCF			
Bartlett Technician	HRD	2 / 1 / 8		
Bartlett Maint Specialist	HRDS	1 / 1 / 2		
Bartlett Health Physics	HRH	1 / 1 / 4		
Bartlett Admin Support	HRA			

Subcontract/Purchased Service: Contracts for various motor carriers approved for DOE waste shipments per the DOE sponsored Motor Carrier Evaluation Program.

Special Equipment/Material: IP2 sea/land containers

Comments/Explanations:

Basis of Estimate:

What is the estimator's experience? 15 years experience in operational planning and execution in both private industry and DOE projects.

What experience is directly related to BCLDP? 5 years of direct experience in D&D of nuclear facilities within the DOE complex.

Did we apply a complexity factor during our thought process? The estimate was based on prior experience conducting similar work on the BCLDP. No complexity factor was used.

Completed by: P. Weaver **Date:** 5/10/01 **Rev. No.:** 0