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Appendix D-12A Building 332C Waste Accumulation Area

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APPENDIX D-12A

BUILDING 332C

WASTE ACCUMULATION AREA

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BUILDING 332C WASTE ACCUMULATION AREA

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APPENDIX D-12A

BUILDING 332C

WASTE ACCUMULATION AREA

D1. INTRODUCTION

This appendix is designed to provide information specific to the Building 332C Waste Accumulation Area (B-332C WAA), a waste storage area. This appendix is not designed to be used as a sole source of information. All general information that is not specific to the B-332C WAA is included in the Contingency Plan for Waste Accumulation Areas, dated July 2004, and should be referenced.

D1.1 General Information

Facility Name	Building 332C Waste Accumulation Area
Department/Program	Defense and Nuclear Technologies
Site Operator	Regents, University of California Lawrence Livermore National Laboratory P.O. Box 808 Livermore, CA 94551
EPA ID No.	CA2890012584
Location	7000 East Avenue Livermore, CA 94550
LLNL Contact	Dave Hiland Waste Accumulation Area Coordinator Lawrence Livermore National Laboratory P.O. Box 808 (L-361) Livermore, CA 94551 Ph: (925) 423-3163
Owner	U.S. Department of Energy (DOE) DOE National Nuclear Security Administration (NNSA) Livermore Site Office PO Box 808, L-293 Livermore, CA 94551-0808
DOE Contact	Dan Nakahara Assistant Manager Environmental Stewardship Division U.S. Department of Energy NNSA/Livermore Site Office Phone: (925) 423-8394

D2. WAA DESCRIPTION

D2.1 General Information

The B-332C WAA is located in the southwest quadrant of the LLNL Main Site (see **Figure D-1**), in Building 332, Room 1330. Hazardous and mixed wastes may be stored at the B-332C WAA for 90 days or less, until transferred to the appropriate Radioactive and Hazardous Waste Management (RHWM) facility or other permitted treatment, storage or disposal facility (TSDF). Radioactive waste may also be stored at the WAA. The design storage capacity of this WAA is 2,200 gallons.

D2.2 Physical Description

The B-332C WAA is inside B-332 in Room 1330. Room 1330 is a 16' x 19' room that is designated as a WAA in its entirety. The room is locked which prevents access from unauthorized personnel.

A telephone is located on the west wall inside the WAA (see **Figure D-2**). A fire extinguisher is located in the hall, south of the WAA, between Rooms 1332 and 1334. Spill kit supplies and personal protective equipment described in Section D4 are stored in the hallway as identified in **Figure D-2**. An emergency shower/eyewash is located north of Room 1330, in the hall next to Room 1338.

D2.3 Description of Waste Handled

Table D-1 lists the waste types typically stored in the B-332C WAA. This list is intended to alert personnel to the potential hazards in the WAA, but each situation should be evaluated based on the actual materials involved. Waste may be stored in DOT-approved containers ranging from 5-gallon cans to 55-gallon drums. Standard waste boxes (SWB) may also be stored in the WAA.

D3. RESPONSIBILITIES

The WAA Coordinator, WAA Operator, ES&H Team 1 Leader, Environmental Operations Group (EOG) Analyst, RHWM Technician, and ES&H Technician are responsible for providing information and assistance in the event of an emergency. ES&H Team 1 is the support team for the B-332C WAA. If additional support members are needed, the ES&H Team 1 Leader or EOG Analyst will notify those members. Program contacts and ES&H Team 1 contacts are listed in **Table D-2**.

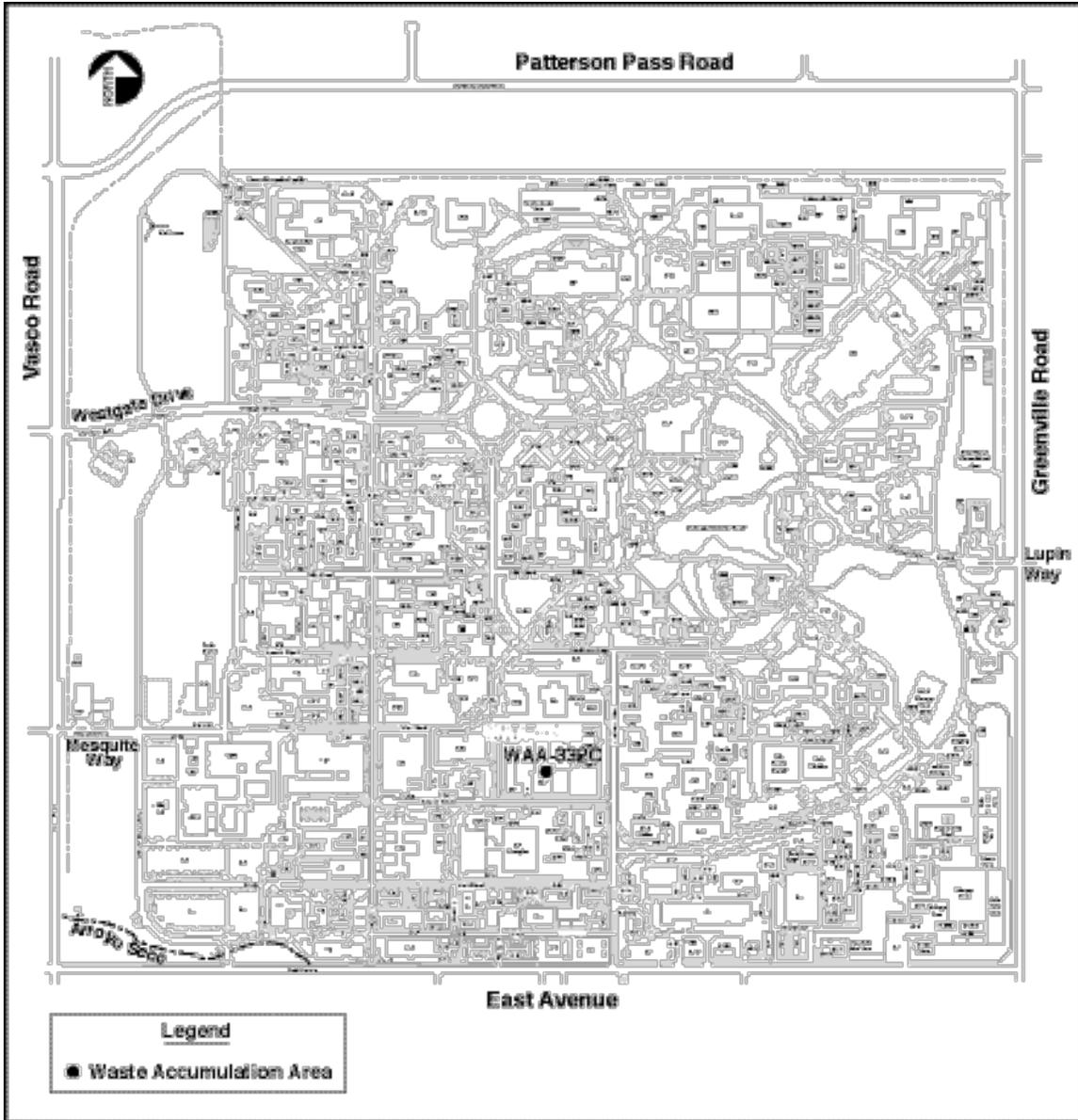


Figure D-1. Location of the Building 332C WAA at LLNL Main Site

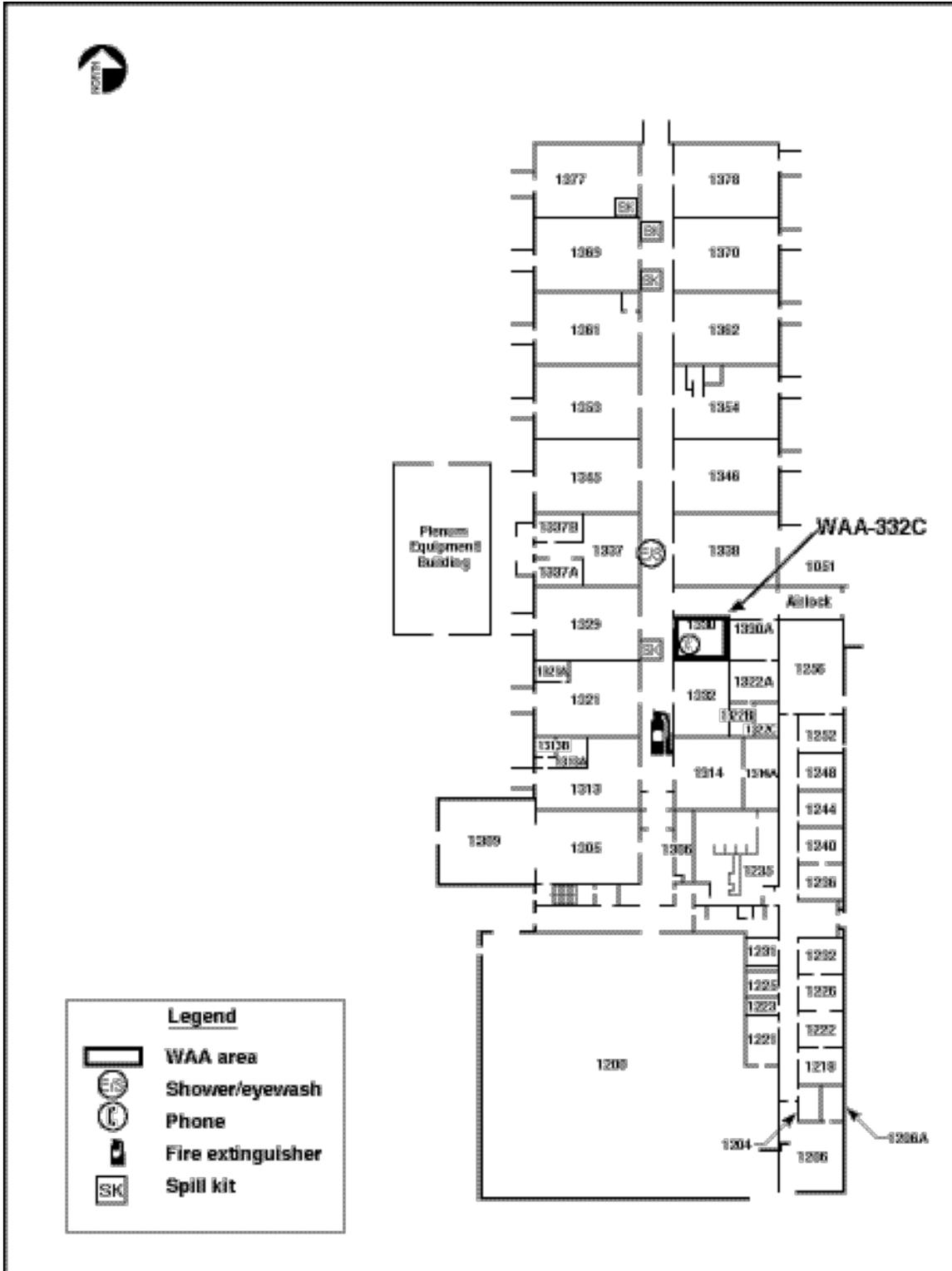


Figure D-2. The Building 332C WAA

Table D-1. Typical Wastes Stored in Building 332C WAA

Asbestos
Equipment with radioactive or mixed contamination
Laboratory waste (solidified aqueous and organic solutions)
Mixed laboratory trash (paper and plastic contaminated with metals and radioactivity)

Table D-2. Program Contacts and ES&H Team 1 Contacts

Contact	Name	Phone	Pager
WAA Coordinator	Dave Hiland	423-3163	61056
WAA Operator	Jeff Wilson	424-4189	63000
ES&H Team 1 Leader	Jim Mecozzi	423-3762	04024
EOG Analyst	Dawn Chase	423-9136	04257
RHWM Technician	Richard Clark	423-4076	01265
ES&H Technician	Bill Talbot	423-3402	05323

In an emergency, immediately notify the Alameda County Regional Emergency Communications Center at extension 911 or dial (925) 447-6880 if calling from off-site, cellular phone, or pay phone. If paging from off-site, cellular phone, or pay phone, dial (925) 423-7705 and pager number.

D4. EMERGENCY EQUIPMENT

D4.1 Emergency Equipment Available at the WAA

The B-332C WAA has spill kit supplies, a fire extinguisher, personal protective equipment, and decontamination equipment. Material Safety Data Sheets (MSDSs) are available at or near the WAA; they provide general information on chemical hazards and personal protective equipment needed to manage chemicals. MSDSs may indicate the emergency actions to be taken if personnel come in contact with the chemicals. The location, type, and quantity of spill kit supplies required for the operation of the B-332C WAA are listed in **Table D-3**. Other emergency equipment required in this area is listed in **Table D-4**. The location of emergency equipment is shown in **Figure D-2**.

Table D-3. Spill Kit Supplies

Supplies	Quantity	Use	Location
Polyethylene bags	2 each	Line drums and contain contaminated absorbent or other solid waste.	Hallway adjacent to Room 1369
Mop (antistatic)	1 each	Sweep absorbent material for placement in waste containers.	Inside WAA
Gloves—neoprene or nitrile	5 pairs	See Appendix A (“Personal Protective Equipment”) in the Contingency Plan for Waste Accumulation Areas, July 2004.	Spill kit in hallway adjacent to Room 1369
Tape—2-in. duct	1 roll	Seal protective suits, gloves, and containers.	Spill kit in hallway adjacent to Room 1369

Table D-4. Emergency Equipment

Equipment	Quantity	Use	Location
Eyewash	1 each	Flush eyes for 15 min.	South of WAA in hallway near Room 1362
Deluge shower	1 each	Flush exposed area for 15 min.	South of WAA in hallway near Room 1362
Type ABC fire extinguisher	2 each	Extinguish or control small electrical or flammable liquids fires. LLNL Fire Department must be called if a fire occurs.	Hallway near Room 1378

D4.2 Communication Equipment

A telephone is located on the west wall of Room 1330 in B-332. Other rooms and buildings in the area are also equipped with telephones.

D5. EVACUATION ROUTES AND ASSEMBLY POINT

Evacuation of the B-332C WAA is through the west doors. See **Figure D-3** for the location of the evacuation routes and assembly point. After evacuation, personnel should gather at the assembly point located east of Building 335 (see **Figure D-3**).

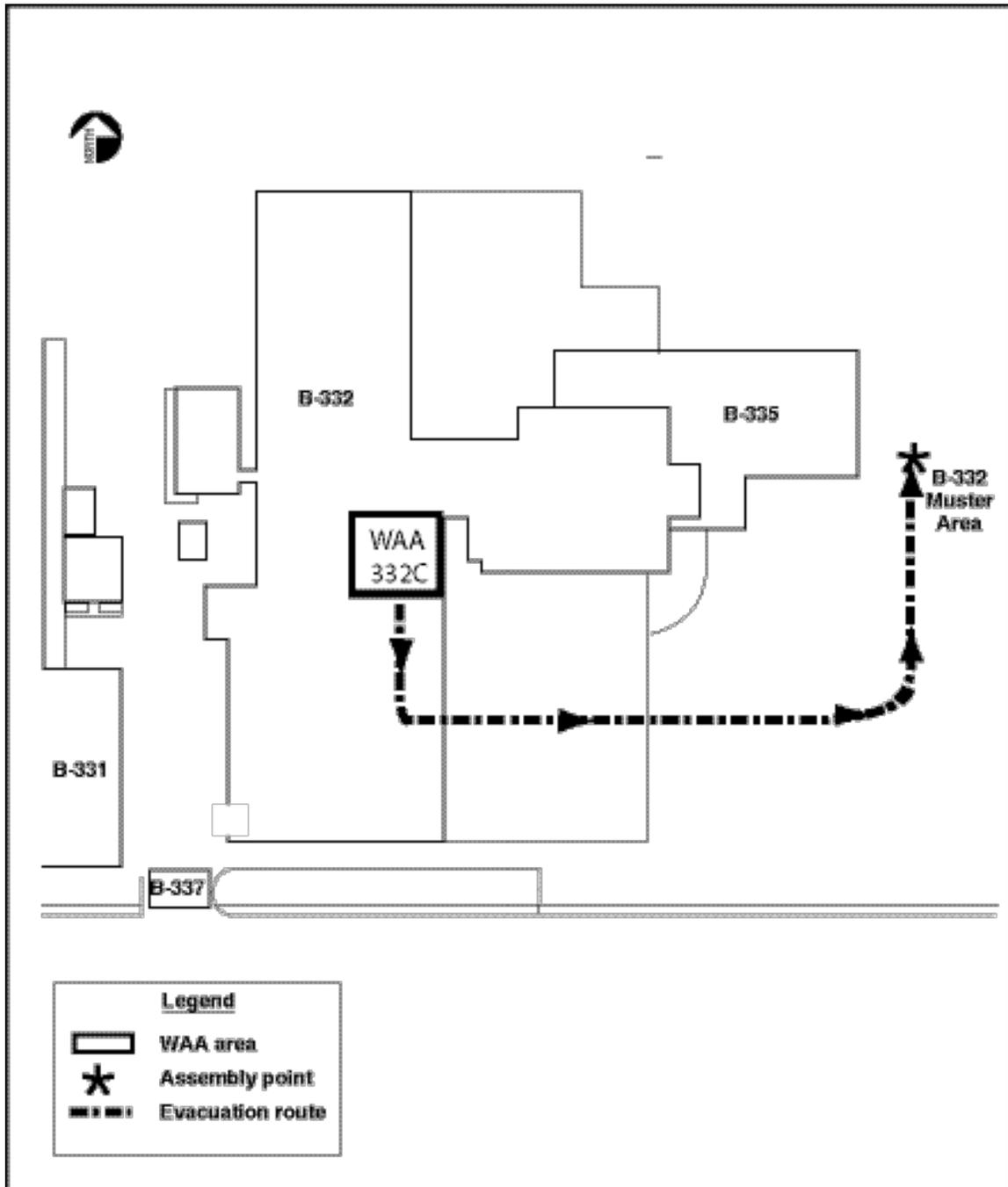


Figure D-3. The Building 332C WAA Evacuation Route

