

Please print or type in the unshaded areas only
 (fill-in areas are spaced for elite type, i.e. 12 character/inch).

FORM 3	DANGEROUS WASTE PERMIT APPLICATION	I. EPA/STATE I.D. NUMBER <table border="1" style="width:100%; text-align: center; border-collapse: collapse;"> <tr> <td>W</td><td>A</td><td>7</td><td>8</td><td>9</td><td>0</td><td>0</td><td>0</td><td>8</td><td>9</td><td>6</td><td>7</td> </tr> </table>	W	A	7	8	9	0	0	0	8	9	6	7
W	A	7	8	9	0	0	0	8	9	6	7			

FOR OFFICIAL USE ONLY

APPLICATION APPROVED	DATE RECEIVED <i>(mo., day, & yr.)</i>	COMMENTS
		Approved 08/18/00

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA/STATE I.D. Number, or if this is a revised application, enter your facility's EPA/STATE I.D. Number in Section I above.

<p>A. FIRST APPLICATION (place an "X" below and provide the appropriate date)</p> <p><input type="checkbox"/> 1. EXISTING FACILITY <i>(See instructions for definition of "existing" facility. Complete Item below.)</i></p> <table border="1" style="display: inline-table; margin-right: 20px;"> <tr><td>MO.</td><td>DAY</td><td>YEAR</td></tr> <tr><td>03</td><td>22</td><td>1943</td></tr> </table> <p><i>*FOR EXISTING FACILITIES, PROVIDE THE DATE (mo., day, & yr.) OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED (use the boxes to the left)</i></p> <p><i>*The date construction of the Hanford Facility commenced.</i></p>	MO.	DAY	YEAR	03	22	1943	<p><input type="checkbox"/> 2. NEW FACILITY <i>(Complete item below)</i></p> <table border="1" style="display: inline-table; margin-right: 20px;"> <tr><td>MO.</td><td>DAY</td><td>YEAR</td></tr> <tr><td> </td><td> </td><td> </td></tr> </table> <p>FOR NEW FACILITIES, PROVIDE THE DATE, (mo., day, & yr.) OPERATION BEGAN OR IS EXPECTED TO BEGIN</p>	MO.	DAY	YEAR			
MO.	DAY	YEAR											
03	22	1943											
MO.	DAY	YEAR											

B. REVISED APPLICATION *(place an "X" below and complete Section I above)*

1. FACILITY HAS AN INTERIM STATUS PERMIT 2. FACILITY HAS A FINAL PERMIT

III. PROCESS - CODES AND CAPACITIES

A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the (Section III-C).

B. PROCESS DESIGN CAPACITY - For each code entered in column A enter the capacity of the process.

1. AMOUNT - Enter the amount.

2. UNIT OF MEASURE - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PRO-CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	PROCESS	PRO-CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
Storage:			Treatment:		
CONTAINER (barrel, drum, etc.)	S01	GALLONS OR LITERS	TANK	T01	GALLONS PER DAY OR LITERS PER DAY
TANK	S02	GALLONS OR LITERS	SURFACE IMPOUNDMENT	T02	GALLONS PER DAY OR LITERS PER DAY
WASTE PILE	S03	CUBIC YARDS OR CUBIC METERS			
SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS	INCINERATOR	T03	TONS PER HOUR OR METRIC TONS PER HOUR; GALLONS PER HOUR OR LITERS PER HOUR
Disposal:			OTHER (Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided: Section III-C.)		
INJECTION WELL	D80	GALLONS OR LITERS			
LANDFILL	D81	ACRE-FEET <i>(the volume that would cover one acre to a depth of one foot) OR HECTARE-METER</i>			
LAND APPLICATION	D82	ACRES OR HECTARES			
OCEAN DISPOSAL	D83	GALLONS PER DAY OR LITERS PER DAY	T04	GALLONS PER DAY OR LITERS PER DAY	
SURFACE IMPOUNDMENT	D84	GALLONS OR LITERS			
UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE CODE
GALLONS	G	LITERS PER DAY	V	ACRE-FEET	A
LITERS	L	TONS PER HOUR	D	HECTARE-METER	F
CUBIC YARDS	Y	METRIC TONS PER HOUR	W	ACRES	B
CUBIC METERS	C	GALLONS PER HOUR	E	HECTARES	Q
GALLONS PER DAY	U	LITERS PER HOUR	H		

EXAMPLE FOR COMPLETING SECTION III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks; one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

A. PROCESS	B. PROCESS DESIGN CAPACITY
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LINE NUMBER	CODE (from list above)	1. AMOUNT (specify)	2. UNIT OF MEASURE (enter code)	FOR OFFICIAL USE ONLY			
X-1	S02	600	G				
X-2	T03	20	E				
1	S01	10,000	L				
2	T04	1,514	V				
3	S02	12,574	L				
4	T01	12,574	V				
5							
6							
7							
8							
9							
10							

C. SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESS (CODE "T04"). FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.

S01, T04, S02, T01

The 325 Harardous Waste Treatment Units (325 HWTUs) consist of the Shielded Analytical Laboratory (SAL) which includes Rooms 32, 200, 201, 202, and 203; the Hazardous Waste Treatment Unit (HWTU) encompassing Rooms 520 and 528 of the 325 Building, and the 325 Radioactive Liquid Waste Tank (RLWT) located in the southeast corner of the basement of the 325 Building. The 325 HWTUs began waste management operations in 1991 (SAL) and 1995 (HWTU). Up to 10,000 liters of dangerous and/or mixed waste may be stored in containers in the 325 HWTUs (S01). A maximum of 1514 liters of dangerous and/or mixed waste may be treated per day in containers in the 325 HWTUs (T04).

Liquid dangerous and/or mixed waste is transferred to tank storage via gravity drain lines located in the SAL (which drain into tank TK-1) and in Room 528 [which drain directly to the radioactive liquid waste system (RLWS)]. Tank TK-1 is drained via a jet system into the RLWS then to the RLWT and is used to collect liquid dangerous and/or mixed waste. The RLWT transfers collected dangerous and/or mixed waste to a loadout station, where mobile containers are loaded to transfer the liquid dangerous and/or mixed waste to the Double-Shell Tank System. A maximum of 12,574 liters of dangerous and/or mixed waste may be stored in tanks in the 325 HWTUs (S02). A maximum of 12,574 liters of dangerous and/or mixed waste may be treated in tanks per day in the 325 HWTUs (T01).

Dangerous and/or mixed waste treatments are generally conducted as small bench-scale operations except for in-tank treatments. Treatment processes utilized at the 325 HWTUs may include the following:

T11 Molten salt destructor	T35 Centrifugation	T55 Electrodialysis
T12 Pyrolysis	T36 Clarification	T56 Electrolysis
T13 Wet air oxidation	T37 Coagulation	T57 Evaporation
T14 Calcination	T38 Decanting	T58 High gradient magnetic separation
T15 Microwave discharge	T39 Encapsulation	T59 Leaching
T18 Other thermal treatment	T40 Filtration	T60 Liquid ion exchange
T21 Chemical fixation	T41 Flocculation	T61 Liquid-liquid extraction
T22 Chemical oxidation	T42 Flotation	T62 Reverse osmosis
T23 Chemical precipitation	T43 Foaming	T63 Solvent recovery
T24 Chemical reduction	T44 Sedimentation	T64 Stripping
T25 Chlorination	T45 Thickening	T65 Sand filter
T26 Chlorinolysis	T46 Ultrafiltration	T66 Other removal technology
T27 Cyanide destruction	T47 Other separation technology	T67 Activated sludge
T28 Degradation	T48 Absorption-molecular sieve	T69 Aerobic tank
T29 Detoxification	T49 Activated carbon	T70 Anaerobic lagoon or tank
T30 Ion exchange	T50 Blending	T71 Composting
T31 Neutralization	T51 Catalysis	T74 Thickening filter
T32 Ozonation	T52 Crystallization	T75 Trickling filter
T33 Photolysis	T53 Dialysis	T77 Other biological treatment
T34 Other chemical treatment	T54 Distillation	

IV. DESCRIPTION OF DANGEROUS WASTES

A. DANGEROUS WASTE NUMBER - Enter the four digit number from Chapter 173-303 WAC for each listed dangerous waste you will handle. If you handle dangerous wastes which are not listed in Chapter 173-303 WAC, enter the four digit number(s) that describe the characteristics and/or the toxic contaminants of those dangerous wastes.

B. ESTIMATED ANNUAL QUANTITY - For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

C. UNIT OF MEASURE - For each quantity entered in column B enter the unit of measure code. Units of measurer which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE CODE		METRIC UNIT OF MEASURE CODE	
P	POUNDS	K	KILOGRAMS
T	TONS	M	METRIC TONS

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES

1. PROCESS CODES:

For listed dangerous waste: For each listed dangerous waste entered in column A select the code(s) from the list of process codes contained in Section III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed dangerous wastes: For each characteristic or toxic contaminant entered in Column A, select the code(s) from the list of process codes contained in Section III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed dangerous wastes that possess that characteristic or toxic contaminant.

Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: DANGEROUS WASTES DESCRIBED BY MORE THAN ONE DANGEROUS WASTE NUMBER - Dangerous wastes that can be described by more than one Waste Number shall be described on the form as follows:

- Select one of the Dangerous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
- In column A of the next line enter the other Dangerous Waste Number that can be used to describe the waste. In column D(2) on that line enter "Included with above" and make no other entries on that line.
- Repeat step 2 for each other Dangerous Waste Number that can be used to describe the dangerous waste.

EXAMPLE FOR COMPLETING SECTION IV (shown in line numbers X-1, X-2, X-3, and X-4 below) - A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO.	A. DANGEROUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES				
				1. PROCESS CODES (enter)			2. PROCESS DESCRIPTION (if a code is not entered in D(1))	
X-1	K054	900	P	T03	D80			
X-2	D002	400	P	T03	D80			
X-3	D001	100	P	T03	D80			
X-4	D002			T03	D80			included with above
1	D001	82,500*	K	S01	T04			Storage-Container/Treatment-Other
* 60,000 (S01); 22,500 (T04)								
2	D002		↓	↓	↓			↓
3	D003		↓	↓	↓			↓
4	D004		↓	↓	↓			↓
5	D005		↓	↓	↓			↓
6	D006		↓	↓	↓			↓
7	D007		↓	↓	↓			↓
8	D008		↓	↓	↓			↓
9	D009		↓	↓	↓			↓
10	D010		↓	↓	↓			↓
11	D011		↓	↓	↓			↓

12	D012		↓	↓	↓				↓
13	D013		↓	↓	↓				↓
14	D014		↓	↓	↓				↓
15	D015		↓	↓	↓				↓
16	D016		↓	↓	↓				↓
17	D017		↓	↓	↓				↓
18	D018		↓	↓	↓				↓
19	D019		↓	↓	↓				↓
20	D020		↓	↓	↓				↓
21	D021		↓	↓	↓				↓
22	D022		↓	↓	↓				↓
23	D023		↓	↓	↓				↓
24	D024		↓	↓	↓				↓
25	D025		↓	↓	↓				↓
26	D026		↓	↓	↓				↓
27	D027		↓	↓	↓				↓
28	D028		↓	↓	↓				↓
29	D029		↓	↓	↓				↓
30	D030		↓	↓	↓				↓
31	D031		↓	↓	↓				↓
32	D032		↓	↓	↓				↓
33	D033		↓	↓	↓				↓
34	D034		↓	↓	↓				↓
35	D035		↓	↓	↓				↓
36	D036		↓	↓	↓				↓
37	D037		↓	↓	↓				↓
38	D038		↓	↓	↓				↓
39	D039		↓	↓	↓				↓
40	D040		↓	↓	↓				↓
41	D041		↓	↓	↓				↓
42	D042		↓	↓	↓				↓
43	D043		↓	↓	↓				↓
44	F001		↓	↓	↓				↓
45	F002		↓	↓	↓				↓
46	F003		↓	↓	↓				↓
47	F004		↓	↓	↓				↓
48	F005		↓	↓	↓				↓
49	F027		↓	↓	↓				↓
50	F039		↓	↓	↓				↓
51	K011		↓	↓	↓				↓
52	K013		↓	↓	↓				↓
53	K048		↓	↓	↓				↓
54	K049		↓	↓	↓				↓
55	K050		↓	↓	↓				↓
56	K051		↓	↓	↓				↓
57	K052		↓	↓	↓				↓
58	P001		↓	↓	↓				↓
59	P002		↓	↓	↓				↓
60	P003		↓	↓	↓				↓
61	P004		↓	↓	↓				↓
62	P005		↓	↓	↓				↓
63	P006		↓	↓	↓				↓
64	P007		↓	↓	↓				↓

65	P008		↓	↓	↓				↓
66	P009		↓	↓	↓				↓
67	P010		↓	↓	↓				↓
68	P011		↓	↓	↓				↓
69	P012		↓	↓	↓				↓
70	P013		↓	↓	↓				↓
71	P014		↓	↓	↓				↓
72	P015		↓	↓	↓				↓
73	P016		↓	↓	↓				↓
74	P017		↓	↓	↓				↓
75	P018		↓	↓	↓				↓
76	P020		↓	↓	↓				↓
77	P021		↓	↓	↓				↓
78	P022		↓	↓	↓				↓
79	P023		↓	↓	↓				↓
80	P024		↓	↓	↓				↓
81	P026		↓	↓	↓				↓
82	P027		↓	↓	↓				↓
83	P028		↓	↓	↓				↓
84	P029		↓	↓	↓				↓
85	P030		↓	↓	↓				↓
86	P031		↓	↓	↓				↓
87	P033		↓	↓	↓				↓
88	P034		↓	↓	↓				↓
89	P036		↓	↓	↓				↓
90	P037		↓	↓	↓				↓
91	P038		↓	↓	↓				↓
92	P039		↓	↓	↓				↓
93	P040		↓	↓	↓				↓
94	P041		↓	↓	↓				↓
95	P042		↓	↓	↓				↓
96	P043		↓	↓	↓				↓
97	P044		↓	↓	↓				↓
98	P045		↓	↓	↓				↓
99	P046		↓	↓	↓				↓
100	P047		↓	↓	↓				↓
101	P048		↓	↓	↓				↓
102	P049		↓	↓	↓				↓
103	P050		↓	↓	↓				↓
104	P051		↓	↓	↓				↓
105	P054		↓	↓	↓				↓
106	P056		↓	↓	↓				↓
107	P057		↓	↓	↓				↓
108	P058		↓	↓	↓				↓
109	P059		↓	↓	↓				↓
110	P060		↓	↓	↓				↓
111	P062		↓	↓	↓				↓
112	P063		↓	↓	↓				↓
113	P064		↓	↓	↓				↓
114	P065		↓	↓	↓				↓
115	P066		↓	↓	↓				↓
116	P067		↓	↓	↓				↓
117	P068		↓	↓	↓				↓

118	P069		↓	↓	↓				↓
119	P070		↓	↓	↓				↓
120	P071		↓	↓	↓				↓
121	P072		↓	↓	↓				↓
122	P073		↓	↓	↓				↓
123	P074		↓	↓	↓				↓
124	P075		↓	↓	↓				↓
125	P076		↓	↓	↓				↓
126	P077		↓	↓	↓				↓
127	P078		↓	↓	↓				↓
128	P081		↓	↓	↓				↓
129	P082		↓	↓	↓				↓
130	P084		↓	↓	↓				↓
131	P085		↓	↓	↓				↓
132	P087		↓	↓	↓				↓
133	P088		↓	↓	↓				↓
134	P089		↓	↓	↓				↓
135	P092		↓	↓	↓				↓
136	P093		↓	↓	↓				↓
137	P094		↓	↓	↓				↓
138	P095		↓	↓	↓				↓
139	P096		↓	↓	↓				↓
140	P097		↓	↓	↓				↓
141	P098		↓	↓	↓				↓
142	P099		↓	↓	↓				↓
143	P101		↓	↓	↓				↓
144	P102		↓	↓	↓				↓
145	P103		↓	↓	↓				↓
146	P104		↓	↓	↓				↓
147	P105		↓	↓	↓				↓
148	P106		↓	↓	↓				↓
149	P108		↓	↓	↓				↓
150	P109		↓	↓	↓				↓
151	P110		↓	↓	↓				↓
152	P111		↓	↓	↓				↓
153	P112		↓	↓	↓				↓
154	P113		↓	↓	↓				↓
155	P114		↓	↓	↓				↓
156	P115		↓	↓	↓				↓
157	P116		↓	↓	↓				↓
158	P118		↓	↓	↓				↓
159	P119		↓	↓	↓				↓
160	P120		↓	↓	↓				↓
161	P121		↓	↓	↓				↓
162	P122		↓	↓	↓				↓
163	P123		↓	↓	↓				↓
164	P127		↓	↓	↓				↓
165	P128		↓	↓	↓				↓
166	P185		↓	↓	↓				↓
167	P188		↓	↓	↓				↓
168	P189		↓	↓	↓				↓
169	P190		↓	↓	↓				↓
170	P191		↓	↓	↓				↓

171	P192		↓	↓	↓				↓
172	P194		↓	↓	↓				↓
173	P196		↓	↓	↓				↓
174	P197		↓	↓	↓				↓
175	P198		↓	↓	↓				↓
176	P199		↓	↓	↓				↓
177	P201		↓	↓	↓				↓
178	P202		↓	↓	↓				↓
179	P203		↓	↓	↓				↓
180	P204		↓	↓	↓				↓
181	P205		↓	↓	↓				↓
182	U001		↓	↓	↓				↓
183	U002		↓	↓	↓				↓
184	U003		↓	↓	↓				↓
185	U004		↓	↓	↓				↓
186	U005		↓	↓	↓				↓
187	U006		↓	↓	↓				↓
188	U007		↓	↓	↓				↓
189	U008		↓	↓	↓				↓
190	U009		↓	↓	↓				↓
191	U010		↓	↓	↓				↓
192	U011		↓	↓	↓				↓
193	U012		↓	↓	↓				↓
194	U014		↓	↓	↓				↓
195	U015		↓	↓	↓				↓
196	U016		↓	↓	↓				↓
197	U017		↓	↓	↓				↓
198	U018		↓	↓	↓				↓
199	U019		↓	↓	↓				↓
200	U020		↓	↓	↓				↓
201	U021		↓	↓	↓				↓
202	U022		↓	↓	↓				↓
203	U023		↓	↓	↓				↓
204	U024		↓	↓	↓				↓
205	U025		↓	↓	↓				↓
206	U026		↓	↓	↓				↓
207	U027		↓	↓	↓				↓
208	U028		↓	↓	↓				↓
209	U029		↓	↓	↓				↓
210	U030		↓	↓	↓				↓
211	U031		↓	↓	↓				↓
212	U032		↓	↓	↓				↓
213	U033		↓	↓	↓				↓
214	U034		↓	↓	↓				↓
215	U035		↓	↓	↓				↓
216	U036		↓	↓	↓				↓
217	U037		↓	↓	↓				↓
218	U038		↓	↓	↓				↓
219	U039		↓	↓	↓				↓
220	U041		↓	↓	↓				↓
221	U042		↓	↓	↓				↓
222	U043		↓	↓	↓				↓
223	U044		↓	↓	↓				↓

224	U045		↓	↓	↓				↓
225	U046		↓	↓	↓				↓
226	U047		↓	↓	↓				↓
227	U048		↓	↓	↓				↓
228	U049		↓	↓	↓				↓
229	U050		↓	↓	↓				↓
230	U051		↓	↓	↓				↓
231	U052		↓	↓	↓				↓
232	U053		↓	↓	↓				↓
233	U055		↓	↓	↓				↓
234	U056		↓	↓	↓				↓
235	U057		↓	↓	↓				↓
236	U058		↓	↓	↓				↓
237	U059		↓	↓	↓				↓
238	U060		↓	↓	↓				↓
239	U061		↓	↓	↓				↓
240	U062		↓	↓	↓				↓
241	U063		↓	↓	↓				↓
242	U064		↓	↓	↓				↓
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248	U071		↓	↓	↓				↓
249	U072		↓	↓	↓				↓
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251	U074		↓	↓	↓				↓
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253	U076		↓	↓	↓				↓
254	U077		↓	↓	↓				↓
255	U078		↓	↓	↓				↓
256	U079		↓	↓	↓				↓
257	U080		↓	↓	↓				↓
258	U081		↓	↓	↓				↓
259	U082		↓	↓	↓				↓
260	U083		↓	↓	↓				↓
261	U084		↓	↓	↓				↓
262	U085		↓	↓	↓				↓
263	U086		↓	↓	↓				↓
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265	U088		↓	↓	↓				↓
266	U089		↓	↓	↓				↓
267	U090		↓	↓	↓				↓
268	U091		↓	↓	↓				↓
269	U092		↓	↓	↓				↓
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271	U094		↓	↓	↓				↓
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275	U098		↓	↓	↓				↓
276	U099		↓	↓	↓				↓

277	U101		↓	↓	↓				↓
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279	U103		↓	↓	↓				↓
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281	U106		↓	↓	↓				↓
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283	U108		↓	↓	↓				↓
284	U109		↓	↓	↓				↓
285	U110		↓	↓	↓				↓
286	U111		↓	↓	↓				↓
287	U112		↓	↓	↓				↓
288	U113		↓	↓	↓				↓
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311	U136		↓	↓	↓				↓
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313	U138		↓	↓	↓				↓
314	U140		↓	↓	↓				↓
315	U141		↓	↓	↓				↓
316	U142		↓	↓	↓				↓
317	U143		↓	↓	↓				↓
318	U144		↓	↓	↓				↓
319	U145		↓	↓	↓				↓
320	U146		↓	↓	↓				↓
321	U147		↓	↓	↓				↓
322	U148		↓	↓	↓				↓
323	U149		↓	↓	↓				↓
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325	U151		↓	↓	↓				↓
326	U152		↓	↓	↓				↓
327	U153		↓	↓	↓				↓
328	U154		↓	↓	↓				↓
329	U155		↓	↓	↓				↓

330	U156		↓	↓	↓				↓
331	U157		↓	↓	↓				↓
332	U158		↓	↓	↓				↓
333	U159		↓	↓	↓				↓
334	U160		↓	↓	↓				↓
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336	U162		↓	↓	↓				↓
337	U163		↓	↓	↓				↓
338	U164		↓	↓	↓				↓
339	U165		↓	↓	↓				↓
340	U166		↓	↓	↓				↓
341	U167		↓	↓	↓				↓
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345	U171		↓	↓	↓				↓
346	U172		↓	↓	↓				↓
347	U173		↓	↓	↓				↓
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349	U176		↓	↓	↓				↓
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391	U222		↓	↓	↓				↓
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393	U225		↓	↓	↓				↓
394	U226		↓	↓	↓				↓
395	U227		↓	↓	↓				↓
396	U228		↓	↓	↓				↓
397	U234		↓	↓	↓				↓
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400	U237		↓	↓	↓				↓
401	U238		↓	↓	↓				↓
402	U239		↓	↓	↓				↓
403	U240		↓	↓	↓				↓
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432	U384		↓	↓	↓				↓
433	U385		↓	↓	↓				↓
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436	U389		↓	↓	↓				↓
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439	U392		↓	↓	↓				↓
440	U393		↓	↓	↓				↓
441	U394		↓	↓	↓				↓
442	U395		↓	↓	↓				↓
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444	U400		↓	↓	↓				↓
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446	U402		↓	↓	↓				↓
447	U403		↓	↓	↓				↓
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449	U407		↓	↓	↓				↓
450	U409		↓	↓	↓				↓
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452	U411		↓	↓	↓				↓
453	WT01		↓	↓	↓				↓
454	WT02		↓	↓	↓				↓
455	WP01		↓	↓	↓				↓
456	WP02		↓	↓	↓				↓
457	WP03		↓	↓	↓				↓
458	WSC2		↓	↓	↓				Included With Above
459	D001	80,000	K	S02	T01				Storage-Tank/Treatment-Tank
460	D002		↓	↓	↓				↓
461	D003		↓	↓	↓				↓
462	D004		↓	↓	↓				↓
463	D005		↓	↓	↓				↓
464	D006		↓	↓	↓				↓
465	D007		↓	↓	↓				↓
466	D008		↓	↓	↓				↓
467	D009		↓	↓	↓				↓
468	D010		↓	↓	↓				↓
469	D011		↓	↓	↓				↓
470	D018		↓	↓	↓				↓
471	D019		↓	↓	↓				↓
472	D022		↓	↓	↓				↓
473	D028		↓	↓	↓				↓
474	D029		↓	↓	↓				↓
475	D030		↓	↓	↓				↓
476	D033		↓	↓	↓				↓
477	D034		↓	↓	↓				↓
478	D035		↓	↓	↓				↓
479	D036		↓	↓	↓				↓
480	D038		↓	↓	↓				↓
481	D039		↓	↓	↓				↓
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483	D041		↓	↓	↓				↓
484	D043		↓	↓	↓				↓
485	WT01		↓	↓	↓				↓
486	WT02		↓	↓	↓				↓
487	WP01		↓	↓	↓				↓
488	WP02		↓	↓	↓				↓

VIII. FACILITY OWNER			
<input checked="" type="checkbox"/> A. If the facility owner is also the facility operator as listed in Section VII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.			
<input type="checkbox"/> B. If the facility owner is not the facility operator as listed in Section VII on Form 1, complete the following items:			
1. NAME OF FACILITY'S LEGAL OWNER			2. PHONE NO. (area code & no.)
3. STREET OR P.O. BOX	4. CITY OR TOWN	5. ST.	6. ZIP CODE
IX. OWNER CERTIFICATION			
<i>I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.</i>			
NAME (print or type)	SIGNATURE	DATE SIGNED	
Lloyd L. Piper, Acting Manager U.S. Department of Energy Richland Operations Office	LL Piper Revision 4 signed 06/30/97	06/29/2000	
X. OPERATOR CERTIFICATION			
<i>I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.</i>			
NAME (print or type)	SIGNATURE	DATE SIGNED	
SEE ATTACHMENT			

X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

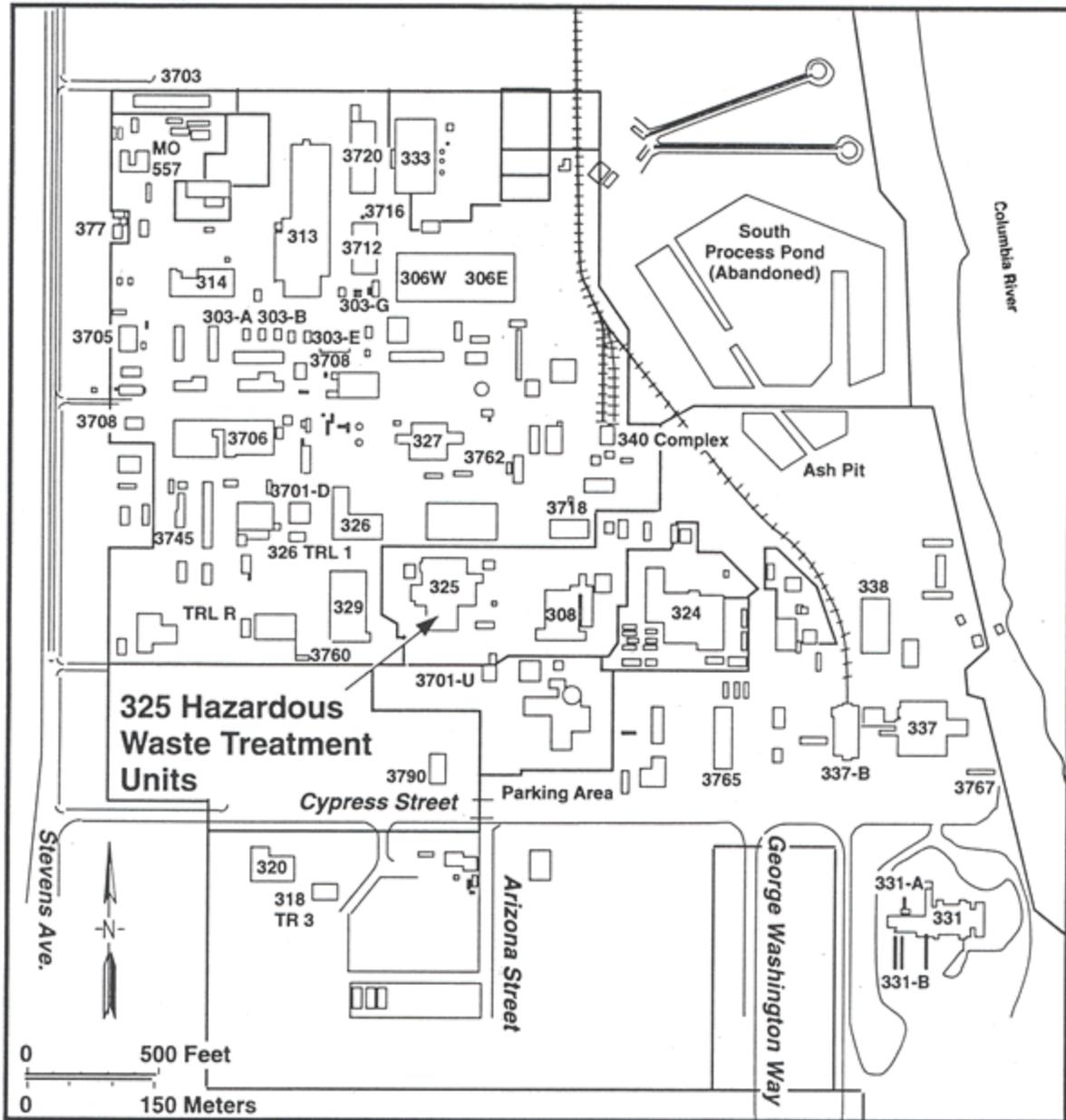
Lloyd L Piper (Revision 4 signed 06/30/97)
Owner/Operator
Lloyd L Piper, Acting Manager
U.S. Department of Energy
Richland Operations Office

6/29/00
Date

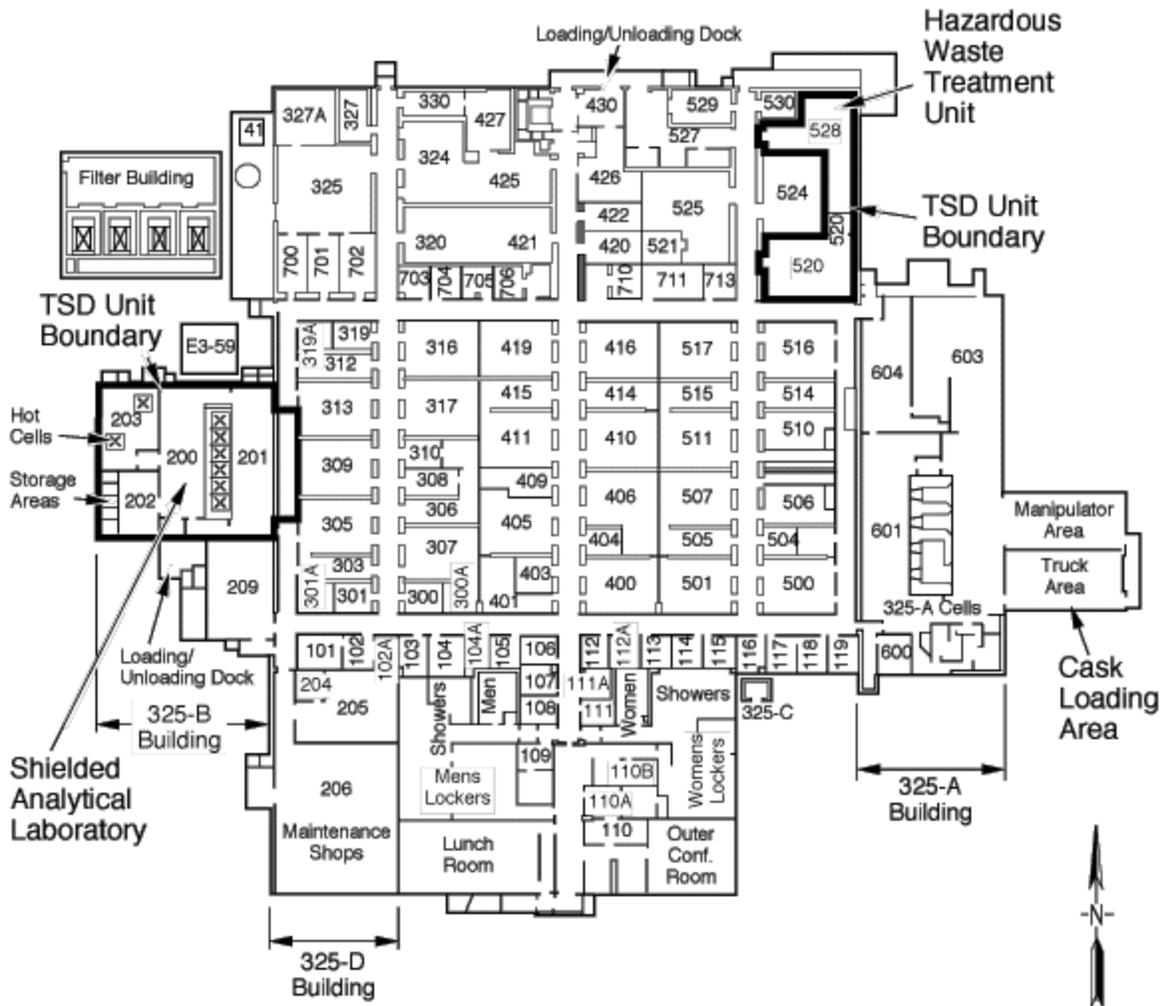
William J. Madia (Revision 4 signed 06/26/97)
Co-Operator
William J. Madia, Director
Pacific Northwest National Laboratory

6/23/00
Date

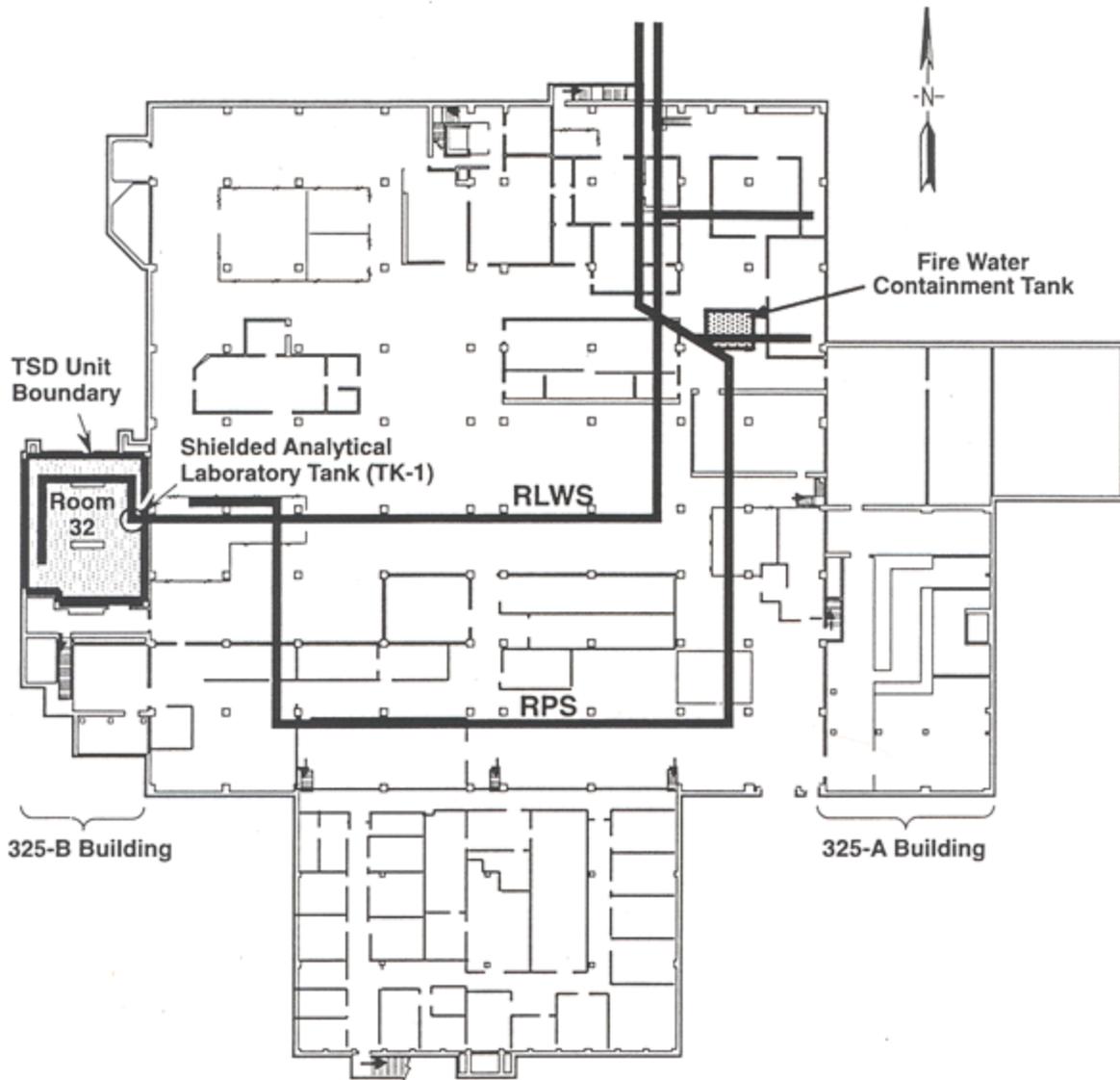
Location of the 325 Hazardous Waste Treatment Units in the 300 Area.



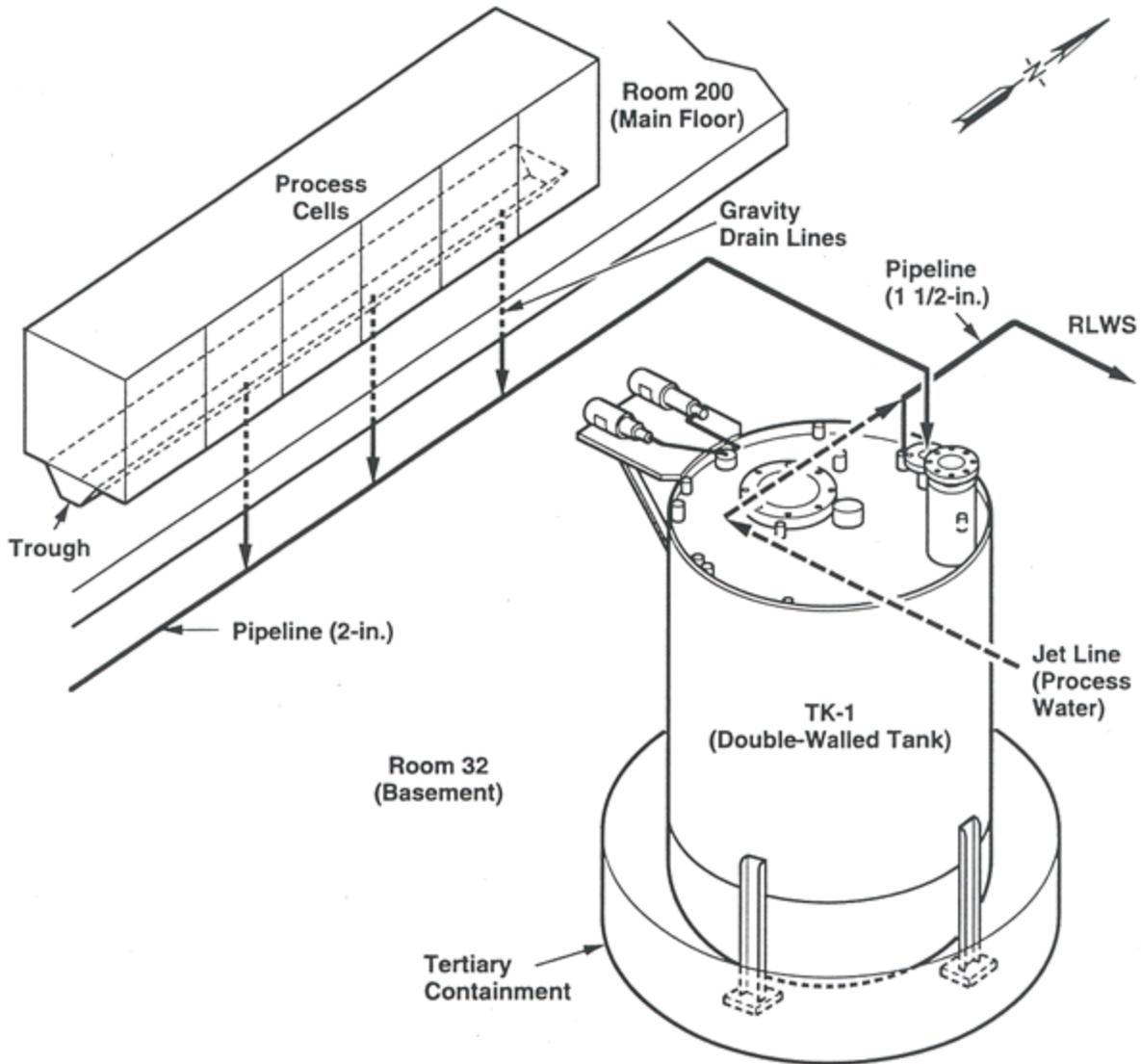
Location of the Hazardous Waste Treatment Unit and Shielded Analytical Laboratory (main floor).



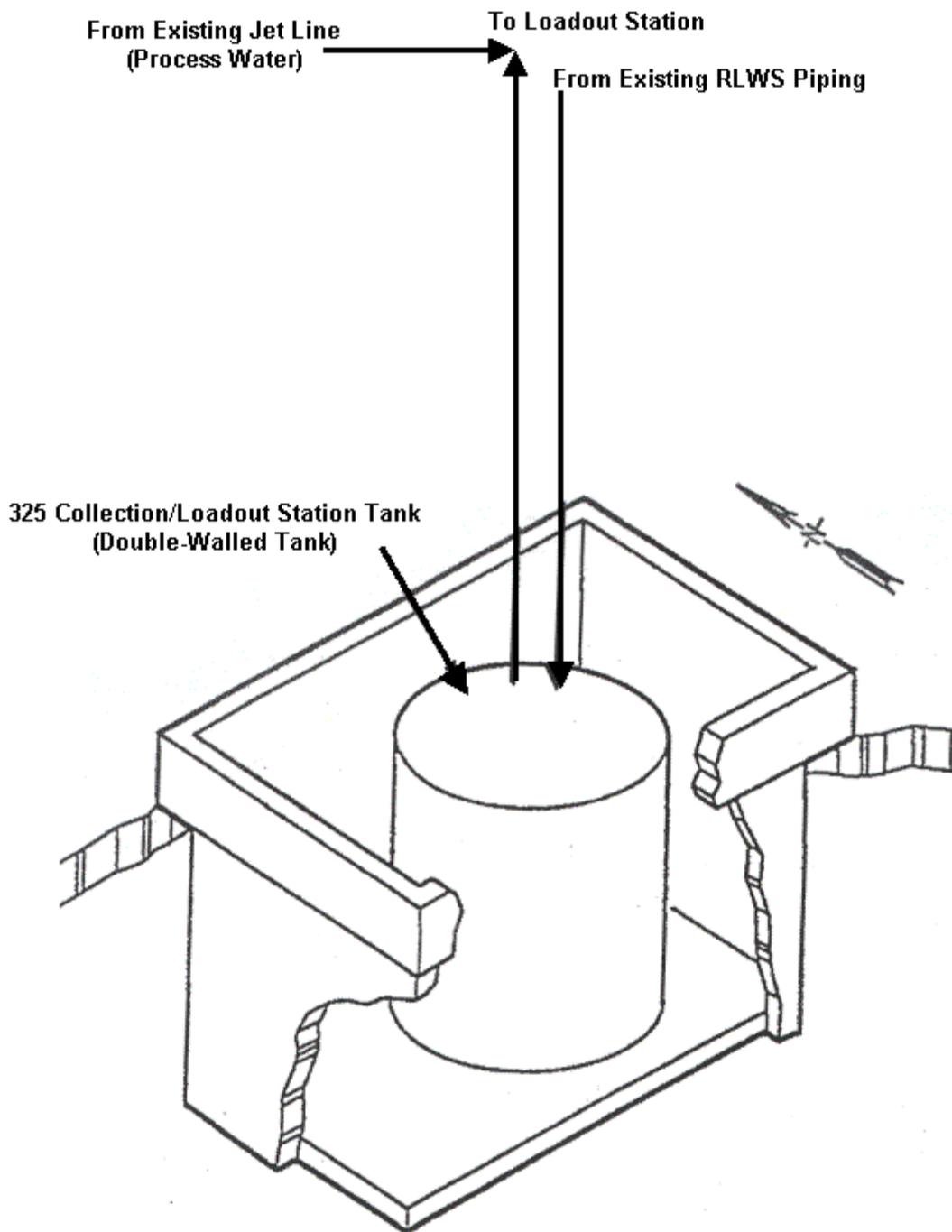
Location of Shielded Analytical Laboratory Tank in Room 32 and Location of 325 Collection/Loadout Station Tank (basement) of the 325 Building.



Shielded Analytical Laboratory Tank and Ancillary Piping



325 Collection/Loadout Station Tank.



325 HAZARDOUS WASTE TREATMENT UNITS



**325 Hazardous Waste Treatment Units
Room 528**

46°22'6.8"

119°16'42"

96010398-22CN
(PHOTO TAKEN 1996)

325 HAZARDOUS WASTE TREATMENT UNITS



**325 Hazardous Waste Treatment Units
Room 528**

46°22'6.8"

119°16'42"

96010398-20CN
(PHOTO TAKEN 1996)

325 HAZARDOUS WASTE TREATMENT UNITS



**325 Hazardous Waste Treatment Unit
Room 520**

**46°22'6.8"
119°16'42"**

**96010398-17CN
(PHOTO TAKEN 1996)**

325 HAZARDOUS WASTE TREATMENT UNITS



**Shielded Analytical Laboratory
Room 201**

**46°22'6.8"
119°16'42"**

96010398-16CN
(PHOTO TAKEN 1996)

325 HAZARDOUS WASTE TREATMENT UNITS