

Environmental
Restoration
Program

ERID 068685

16-000362

Release Site Database Task 13 TA-11, 13, 16, 24, and 25

Los Alamos National Laboratory
Los Alamos, New Mexico

Preliminary Draft – Volume I

Prepared by
Roy F. Weston, Inc.

For
U.S. Department of Energy
Albuquerque Operations Office

Environmental Restoration Program
Technical Support Office
Los Alamos National Laboratory

August 1989



30829





5301 CENTRAL AVENUE, N.E.
SUITE 1000
ALBUQUERQUE, NM 87108
PHONE (505) 255-1445

August 14, 1989

University of California
Los Alamos National Laboratory
Attention: Dr. Kenneth Rea
Environmental Restoration Program
Technical Support Office
P.O. Box 1663, MS K-485
Los Alamos, NM 87545

RE: ER Program, LA
Task 13, TA-11, 13, 16, 24, and 25
Site Database
W.R.N. 89-0049-LA-9
Subcontract 9-XS8-0146R-1
RFW WO #2744-22-63

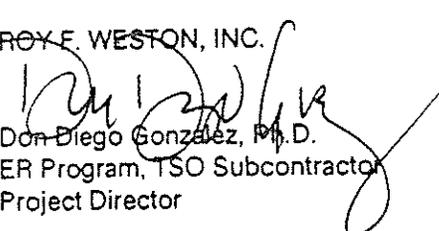
Dear Dr. Rea:

Enclosed for your review are three copies of the preliminary draft site database for Task AL-LA-13 (volumes I and II), including a summary of Task 13 sites and site types. This hard copy deliverable incorporates changes to database field content and format recently reviewed and approved by ER TSO. The site database annotated outline is included with the deliverable so reviewers may refer to annotations and examples for all 23 database fields.

Please direct any questions regarding this Task 13 deliverable to Rich Kilbury or me.

Sincerely,

ROYE WESTON, INC.

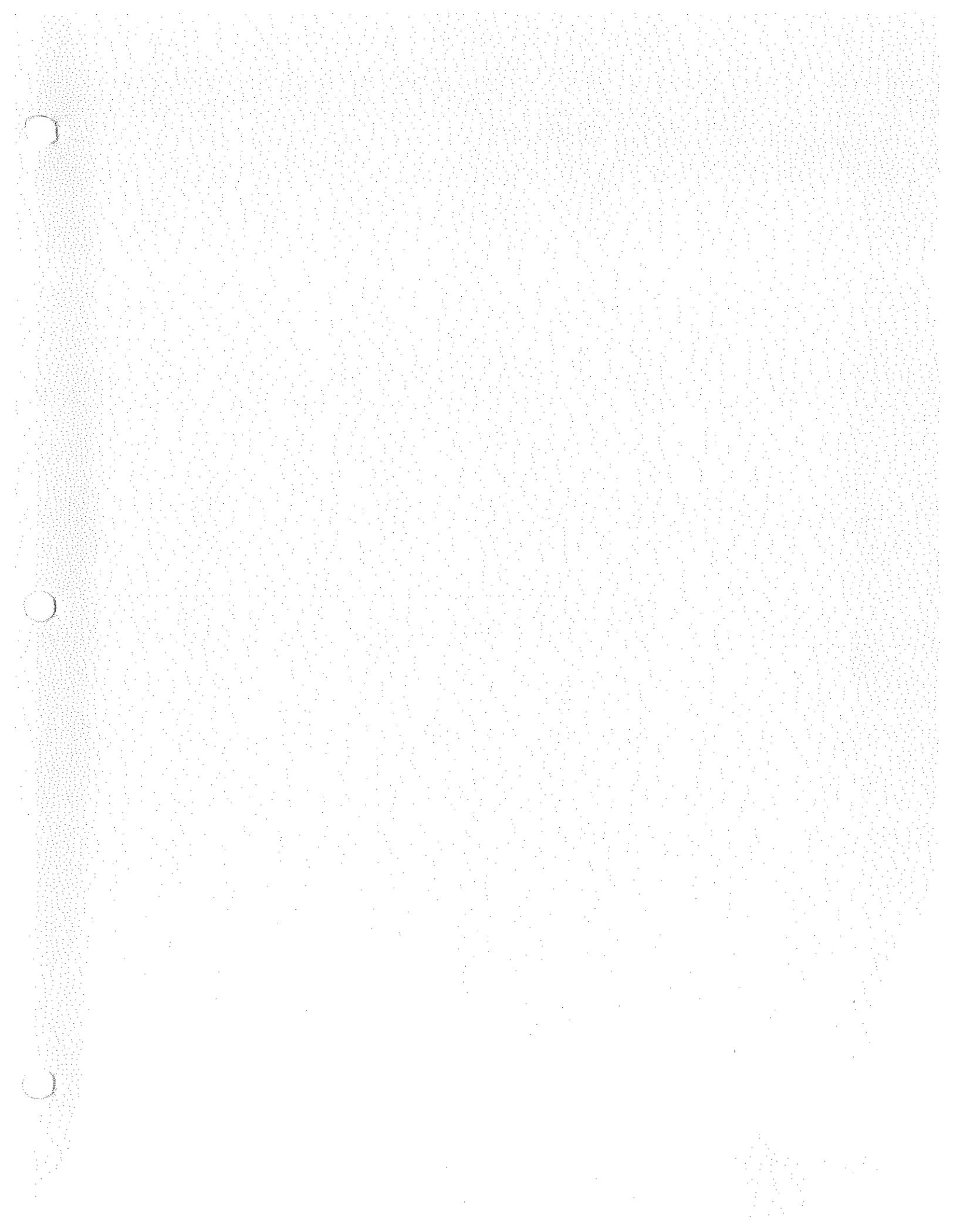

Don Diego Gonzalez, Ph.D.
ER Program, TSO Subcontractor
Project Director

RK/jem

Enclosure

pc: J. Wenzel
R. Gonzales
ER TSO File

LA7-31



Site Database Summary Report

Task Number	Release Site Descriptor	Installation Identifier	Alternative Identifier	Site Type	Rec. Num.
AL-LA-013	TA-16-01-001-0300	TA-16-5-300		Outfalls and any associated soil contamination.	190 ✓
AL-LA-013	TA-16-01-002-0306	TA-16-5-306		Outfall, drainline and any associated soil contamination.	191
AL-LA-013	TA-16-01-003-307a	TA-16-5-307a		Outfalls and any associated soil contamination.	192
AL-LA-013	TA-16-01-004-307b	TA-16-5-307b		Outfall and any associated soil contamination.	193
AL-LA-013	TA-16-01-005-307c	TA-16-5-307c		Outfall and any associated soil contamination.	194
AL-LA-013	TA-16-01-006-305a	TA-16-5-305a		Outfalls and any associated soil contamination.	195
AL-LA-013	TA-16-01-007-305b	TA-16-5-305b		Outfall, drainlines and any associated soil contamination.	196
AL-LA-013	TA-16-01-008-305c	TA-16-5-305c		Outfall and any associated soil contamination.	197
AL-LA-013	TA-16-01-009-303a	TA-16-5-303a		Outfalls and any associated soil contamination.	198
AL-LA-013	TA-16-01-010-303b	TA-16-5-303b		Outfall, drainlines and any associated soil contamination.	199
AL-LA-013	TA-16-01-011-303c	TA-16-5-303c		Outfall and any associated soil contamination.	200
AL-LA-013	TA-16-01-012-301a	TA-16-5-301a		Outfalls and any associated soil contamination.	201
AL-LA-013	TA-16-01-013-301b	TA-16-5-301b		Outfall and any associated soil contamination.	202
AL-LA-013	TA-16-01-014-301c	TA-16-5-301c		Outfall and any associated soil contamination.	203

Site Database Summary Report

Task Number	Release Site Descriptor	Installation Identifier	Alternative Identifier	Site Type	Rec. Num.
AL-LA-013	TA-16-01-015-308a	TA-16-5-308a		Outfall and any associated soil contamination.	204
AL-LA-013	TA-16-01-016-308b	TA-16-5-308b		Outfall and any associated soil contamination.	205
AL-LA-013	TA-16-01-017-0285	TA-16-5-285		Outfalls, drainline and any associated soil contamination.	206
AL-LA-013	TA-16-01-018-0283	TA-16-5-283		Outfalls and any associated soil contamination.	207
AL-LA-013	TA-16-01-019-0267	TA-16-5-267		Outfalls and any associated soil contamination.	208
AL-LA-013	TA-16-01-020-0265	TA-16-5-265		Outfall and any associated soil contamination.	209
AL-LA-013	TA-16-01-021-280a	TA-16-5-280a	RFA# 16.057	Outfalls and any associated soil contamination.	210
AL-LA-013	TA-16-01-022-280b	TA-16-5-280b		Outfalls and any associated soil contamination.	211
AL-LA-013	TA-16-01-023-0281	TA-16-5-281		Outfalls and any associated soil contamination.	212
AL-LA-013	TA-16-01-024-0225	TA-16-5-225		Outfall and any associated soil contamination.	213
AL-LA-013	TA-16-01-025-224a	TA-16-5-224a		Outfall and any associated soil contamination.	214
AL-LA-013	TA-16-01-026-224b	TA-16-5-224b		Outfall and any associated soil contamination.	215
AL-LA-013	TA-16-01-027-226a	TA-16-5-226a		Outfall and any associated soil contamination.	216
AL-LA-013	TA-16-01-028-226b	TA-16-5-226b		Outfall and any associated soil contamination.	217

Site Database Summary Report

Task Number	Release Site Descriptor	Installation Identifier	Alternative Identifier	Site Type	Rec. Num.
AL-LA-013	TA-16-01-029-0223	TA-16-5-223		Outfall and any associated soil contamination.	218
AL-LA-013	TA-16-01-030-0221	TA-16-5-221		Outfalls and any associated soil contamination.	219
AL-LA-013	TA-16-01-031-220a	TA-16-5-220a		Outfalls and any associated soil contamination.	220
AL-LA-013	TA-16-01-032-220b	TA-16-5-220b		Outfalls and any associated contamination.	221
AL-LA-013	TA-16-01-033-220c	TA-16-5-220c		Outfalls and any associated contamination.	222
AL-LA-013	TA-16-01-034-220d	TA-16-5-220d		Outfall, drainline and any associated soil contamination.	223
AL-LA-013	TA-16-01-035-220e	TA-16-5-220e		Outfall, drainline and any associated soil contamination.	224
AL-LA-013	TA-16-01-036-220f	TA-16-5-220f		Outfall, drainline and any associated soil contamination.	225
AL-LA-013	TA-16-01-040-0093	TA-16-5-93		Outfall and any associated soil contamination.	226
AL-LA-013	TA-16-01-041-0092	TA-16-5-92		Outfalls and any associated soil contamination.	227
AL-LA-013	TA-16-01-042-0091	TA-16-5-91		Outfalls and any associated soil contamination.	228
AL-LA-013	TA-16-01-043-090b	TA-16-5-90b		Outfalls and any associated soil contamination.	229
AL-LA-013	TA-16-01-044-090a	TA-16-5-90a		Outfalls and any associated soil contamination.	230

Site Database Summary Report

Task Number	Release Site Descriptor	Installation Identifier	Alternative Identifier	Site Type	Rec. Num.
AL-LA-013	TA-16-01-045-089b	TA-16-5-89b		Outfalls and any associated soil contamination.	231
AL-LA-013	TA-16-01-046-089a	TA-16-5-89a		Outfalls and any associated soil contamination.	232
AL-LA-013	TA-16-01-047-0098	TA-16-5-98		Outfalls and any associated soil contamination.	233
AL-LA-013	TA-16-01-048-0099	TA-16-5-99		Outfalls and any associated soil contamination.	234
AL-LA-013	TA-16-01-049-027a	TA-16-5-27a		Outfalls and any associated soil contamination.	235
AL-LA-013	TA-16-01-050-027b	TA-16-5-27b		Outfalls and any associated soil contamination.	236
AL-LA-013	TA-16-01-051-027c	TA-16-5-27c		Outfalls and any associated soil contamination.	237
AL-LA-013	TA-16-01-052-0177	TA-16-5-177		Outfall and any associated soil contamination.	238
AL-LA-013	TA-16-01-053-0026	TA-16-5-26		Outfalls and any associated soil contamination.	239
AL-LA-013	TA-16-01-055-0028	TA-16-5-28		Outfall, drain lines and any associated soil contamination.	240
AL-LA-013	TA-16-01-056-0025	TA-16-5-25		Outfall, drainline and any associated soil contamination.	241
AL-LA-013	TA-16-01-057-0024	TA-16-5-24		Outfall, drainline and any associated soil contamination.	242

Site Database Summary Report

Task Number	Release Site Descriptor	Installation Identifier	Alternative Identifier	Site Type	Rec. Num.
AL-LA-013	TA-16-01-058-0148	TA-16-5-148		Outfall, drainline and any associated soil contamination.	243
AL-LA-013	TA-16-01-059-0262	TA-16-5-262		Outfall and any associated soil contamination.	244
AL-LA-013	TA-16-02-001-0173	TA-16-8-0173	SWMU# 16-006a	Septic tank and any residual soil contamination.	245
AL-LA-013	TA-16-02-003-0177	TA-16-8-0177	SWMU# 16-005d	Septic tank and any associated soil contamination.	246
AL-LA-013	TA-16-05-001-089a	TA-16-3-89a	SWMU# 16-008a, RFA# 16.005	Pond and any associated soil contamination.	247
AL-LA-013	TA-16-05-002-031a	TA-16-3-31a	SWMU# 16-007, RFA# 16.001	Ponds and any associated soil contamination.	248
AL-LA-013	TA-16-05-003-031b	TA-16-3-31b	SWMU# 16-007, RFA# 16-002	Ponds and any associated soil contamination.	249
AL-LA-013	TA-16-05-004-0032	TA-16-3-32	SWMU# 16-007, RFA# 16.003	Ponds and any associated soil contamination.	250
AL-LA-013	TA-16-05-005-0033	TA-16-3-33	SWMU# 16-007, RFA# 16.004	Ponds and any associated soil contamination.	251
AL-LA-013	TA-16-05-006-089b	TA-16-3-89b	RFA# 16.006	Ponds and any associated soil contamination.	252
AL-LA-013	TA-16-08-001-0262	TA-16-08-262		Control tower and any residual soil contamination.	253
AL-LA-013	TA-16-08-002-0162	TA-16-01-162		Latrine and any residual soil contamination.	254
AL-LA-013	TA-16-08-007-0039	TA-16-01-39		Building and any residual soil contamination	255
AL-LA-013	TA-16-08-008-0040	TA-16-01-40		Building and any residual soil contamination	256
AL-LA-013	TA-16-08-009-0035	TA-16-01-35		Equipment room and any residual soil contamination.	257

Site Database Summary Report

Task Number	Release Site Descriptor	Installation Identifier	Alternative Identifier	Site Type	Rec. Num.
AL-LA-013	TA-16-08-010-0094	TA-16-01-94		Equipment building and any residual soil contamination.	258
AL-LA-013	TA-16-08-011-0150	TA-16-01-150		Hose house and any residual soil contamination.	259
AL-LA-013	TA-16-08-012-0028	TA-16-01-28		Building and any residual soil contamination.	260
AL-LA-013	TA-16-08-013-0024	TA-16-01-24		Laboratory and any residual soil contamination.	261
AL-LA-013	TA-16-08-014-0148	TA-16-01-148		Equipment building and any residual soil contamination.	262
AL-LA-013	TA-16-08-017-0521	TA-16-01-521		Tank stand any associated soil contamination.	263
AL-LA-013	TA-16-08-018-0183	TA-16-11-183		Storage area and any residual soil contamination.	264
AL-LA-013	TA-16-08-019-0185	TA-16-11-185		Storage area and any residual soil contamination.	265
AL-LA-013	TA-16-08-020-0186	TA-16-11-186		Storage area and any residual soil contamination.	266
AL-LA-013	TA-16-08-021-0187	TA-16-11-187		Storage area and any residual soil contamination.	267
AL-LA-013	TA-16-09-001-0261	TA-16-11-0261	SWMU# 16-012e	Storage area and any residual soil contamination.	268
AL-LA-013	TA-16-09-002-0263	TA-16-11-0263	SWMU# 16-012f	Storage area and any residual soil contamination.	269
AL-LA-013	TA-16-09-003-0302	TA-16-11-0302	SWMU# 16-012j	Storage area and any residual soil contamination.	270

Site Database Summary Report

Task Number	Release Site Descriptor	Installation Identifier	Alternative Identifier	Site Type	Rec. Num.
AL-LA-013	TA-16-09-004-0303	TA-16-11-0303	SWMU# 16-012k	Storage area and any residual soil contamination.	271
AL-LA-013	TA-16-09-005-0281	TA-16-11-0281	SWMU# 16-012g	Storage area and any residual soil contamination.	272
AL-LA-013	TA-16-09-006-0283	TA-16-11-0283	SWMU# 16-013b	Storage area and any residual soil contamination.	273
AL-LA-013	TA-16-09-007-0285	TA-16-11-0285	SWMU# 16-012h	Storage area and any residual soil contamination.	274
AL-LA-013	TA-16-09-015-0074	TA-16-01-74		Magazine and any residual soil contamination.	275
AL-LA-013	TA-16-09-016-0030	TA-16-01-30		Building and any residual soil contamination.	276
AL-LA-013	TA-16-09-017-0034	TA-16-01-34		Magazine and any associated soil contamination	277
AL-LA-013	TA-16-09-018-0300	TA-16-11-0300	SWMU# 16-012i, RFA# 16.007	Storage area and any residual soil contamination.	278
AL-LA-013	TA-16-09-019-0221	TA-16-11-0221	SWMU# 16-012a	Storage area and any residual soil contamination.	279
AL-LA-013	TA-16-09-020-0223	TA-16-11-0223	SWMU# 16-012b	Storage area and any residual soil contamination.	280
AL-LA-013	TA-16-09-021-0225	TA-16-11-0225	SWMU# 16-012c	Storage area and any residual soil contamination.	281
AL-LA-013	TA-16-10-001-0518	TA-16-11-0518	SWMU# 16-013a	Storage pad and any residual soil contamination.	282
AL-LA-013	TA-16-10-002-0519	TA-16-11-0519	SWMU# 16-013a	Storage drum and any associated soil contamination.	283

Site Database Summary Report

Task Number	Release Site Descriptor	Installation Identifier	Alternative Identifier	Site Type	Rec. Num.
AL-LA-013	TA-16-10-003-0520	TA-16-11-0520	SWMU# 16-013a	Not identified	284
AL-LA-013	TA-16-11-001-0306	TA-16-11-0306	SWMU# 16-012m	Storage area and any residual soil contamination.	285
AL-LA-013	TA-16-11-002-0304	TA-16-11-0304	SWMU# 16-012l	Storage and any residual soil contamination.	286
AL-LA-013	TA-16-13-001-0591	TA-16-14-591		Transformers and any associated soil contamination.	287
AL-LA-013	TA-16-13-002-0555	TA-16-14-555		Transformers and any associated soil contamination.	288
AL-LA-013	TA-16-13-003-0590	TA-16-14-590		Transformers and any associated soil contamination.	289
AL-LA-013	TA-16-13-004-0587	TA-16-14-587		Transformers and any associated soil contamination.	290
AL-LA-013	TA-16-13-005-0588	TA-16-14-588		Transformers and any associated soil contamination.	291
AL-LA-013	TA-16-13-006-0571	TA-16-14-571		Transformers and any associated soil contamination.	292
AL-LA-013	TA-16-13-007-0548	TA-16-14-548		Transformers and any associated soil contamination.	293
AL-LA-013	TA-16-13-008-0597	TA-16-14-597		Transformers and any associated soil contamination.	294
AL-LA-013	TA-16-13-009-0609	TA-16-14-609		Transformer and any associated soil contamination.	295
AL-LA-013	TA-16-13-010-0537	TA-16-14-537		Transformers and any associated soil contamination.	296

Site Database Summary Report

<u>Task Number</u>	<u>Release Site Descriptor</u>	<u>Installation Identifier</u>	<u>Alternative Identifier</u>	<u>Site Type</u>	<u>Rec. Num.</u>
AL-LA-013	TA-16-13-011-0572	TA-16-14-572		Transformers and any associated soil contamination.	297
AL-LA-013	TA-16-13-012-0610	TA-16-14-610		Transformers and any associated soil contamination.	298
AL-LA-013	TA-16-13-013-0595	TA-16-14-595		Transformers and any associated soil contamination.	299
AL-LA-013	TA-16-13-014-0553	TA-14-553		Transformers and any associated soil contamination.	300
AL-LA-013	TA-16-13-015-0575	TA-16-14-575		Transformer and any associated soil contamination.	301
AL-LA-013	TA-16-13-016-0576	TA-16-14-576		Transformers and any associated soil contamination.	302
AL-LA-013	TA-16-13-017-0514	TA-16-14-514		Transformer and any associated soil contamination.	303
AL-LA-013	TA-16-13-018-0608	TA-16-14-608		Transformer and any associated soil contamination.	304
AL-LA-013	TA-16-13-019-0567	TA-16-14-567		Transformers and any associated soil contamination.	305
AL-LA-013	TA-16-13-020-0536	TA-16-14-536		Transformer and any associated soil contamination.	306
AL-LA-013	TA-16-13-021-1330	TA-16-14-1330		Capacitor station and any associated soil contamination	307
AL-LA-013	TA-16-13-022-0558	TA-16-14-558		Transformers and any associated soil contamination.	308

Site Database Summary Report

Task Number	Release Site Descriptor	Installation Identifier	Alternative Identifier	Site Type	Rec. Num.
AL-LA-013	TA-16-13-023-0565	TA-16-14-565		Transformers and any associated soil contamination.	309
AL-LA-013	TA-16-13-024-0589	TA-16-14-589		Transformers and any associated soil contamination.	310
AL-LA-013	TA-16-13-025-0596	TA-16-14-596		Transformers and any associated soil contamination.	311
AL-LA-013	TA-16-13-026-0598	TA-16-14-598		Transformers and any associated soil contamination.	312
AL-LA-013	TA-16-13-027-0622	TA-16-14-622		Transformers and any associated soil contamination.	313
AL-LA-013	TA-16-13-028-0599	TA-16-14-599		Transformer and any associated soil contamination.	314
AL-LA-013	TA-16-15-001-1103	TA-16-01-1103		Oil switch and any associated soil contamination.	315
AL-LA-013	TA-16-15-002-0506	TA-16-01-506		Steam hole and any associated soil contamination.	316
AL-LA-013	TA-16-15-003-0508	TA-16-01-508		Water manhole and any associated soil contamination.	317
AL-LA-013	TA-16-15-004-0509	TA-16-01-509		Water manhole and any associated soil contamination.	318
AL-LA-013	TA-16-15-005-0510	TA-16-01-510		Switch box any associated soil contamination.	319
AL-LA-013	TA-16-15-008-1087	TA-16-01-1087		Steam manhole and any associated soil contamination.	320

Site Database Summary Report

Task Number	Release Site Descriptor	Installation Identifier	Alternative Identifier	Site Type	Rec. Num.
AL-LA-013	TA-16-15-009-1086	TA-16-01-1086		Steam manhole and any associated soil contamination.	321
AL-LA-013	TA-16-15-010-1102	TA-16-01-1102		Oil switch and any associated soil contamination.	322
AL-LA-013	TA-16-15-011-0524	TA-16-01-524		Electrical pit and any associated soil contamination.	323
AL-LA-013	TA-16-16-001-0031	TA-16-01-31		Building and any residual soil contamination.	324
AL-LA-013	TA-16-16-002-0032	TA-16-01-32		Building and any residual soil contamination.	325
AL-LA-013	TA-16-16-003-0033	TA-16-01-33		Building and any residual soil contamination.	326
AL-LA-013	TA-16-16-004-0095	TA-16-01-95		HE machining building and any residual soil contamination.	327
AL-LA-013	TA-16-16-005-0096	TA-16-01-96		HE machining building and any residual soil contamination.	328
AL-LA-013	TA-16-16-006-0097	TA-16-01-97		HE machining building and any residual soil contamination.	329
AL-LA-013	TA-16-16-007-0098	TA-16-01-98		HE machining building and any residual soil contamination.	330
AL-LA-013	TA-16-16-008-0025	TA-16-01-25		Buildings and any residual soil contamination.	331
AL-LA-013	TA-16-16-009-0026	TA-16-01-26		Buildings and any residual soil contamination.	332
AL-LA-013	TA-16-18-001-306a	TA-16-2-306a	SWMU# 16-003g	Sump and any associated soil contamination.	333
AL-LA-013	TA-16-18-002-306b	TA-16-2-306b	SWMU# 16-003g	Sump and any associated soil contamination.	334

Site Database Summary Report

Task Number	Release Site Descriptor	Installation Identifier	Alternative Identifier	Site Type	Rec. Num.
AL-LA-013	TA-16-18-003-304a	TA-16-2-304a	SWMU# 16-003f	Sump and any associated soil contamination.	335
AL-LA-013	TA-16-18-004-304b	TA-16-2-304b	SWMU# 16-003f	Sump and any associated soil contamination.	336
AL-LA-013	TA-16-18-005-302a	TA-16-2-302a	SWMU# 16-003e	Sump and any associated soil contamination.	337
AL-LA-013	TA-16-18-006-302b	TA-16-2-302b	SWMU# 16-003e	Sump and any associated soil contamination.	338
AL-LA-013	TA-16-18-007-300a	TA-16-2-300a	SWMU# 16-003d	Sump and any associated soil contamination.	339
AL-LA-013	TA-16-18-008-300b	TA-16-2-300b	SWMU# 16-003d	Sump and any associated soil contamination.	340
AL-LA-013	TA-16-18-009-301a	TA-16-2-301a	SWMU# 16-003s	Sump and any associated soil contamination.	341
AL-LA-013	TA-16-18-010-301b	TA-16-2-301b	SWMU# 16-003s	Sump and any associated soil contamination.	342
AL-LA-013	TA-16-18-011-303a	TA-16-2-303a	SWMU# 16-003r	Sump and any associated soil contamination.	343
AL-LA-013	TA-16-18-012-303b	TA-16-2-303b	SWMU# 16-003r	Sump and any associated soil contamination.	344
AL-LA-013	TA-16-18-013-305a	TA-16-2-305a	SWMU# 16-003q	Sump and any associated soil contamination.	345
AL-LA-013	TA-16-18-014-305b	TA-16-2-305b	SWMU# 16-003q	Sump and any associated soil contamination.	346
AL-LA-013	TA-16-18-015-0307	TA-16-2-307	SWMU# 16-003p	Sump and any associated soil contamination.	347
AL-LA-013	TA-16-18-016-0267	TA-16-2-267	SWMU# 16-003j	Sump and any associated soil contamination.	348
AL-LA-013	TA-16-18-017-0280	TA-16-2-280	SWMU# 16-003h	Sump and any associated soil contamination.	349
AL-LA-013	TA-16-18-018-093a	TA-16-2-93a		HE sump and any residual soil contamination.	350

Site Database Summary Report

Task Number	Release Site Descriptor	Installation Identifier	Alternative Identifier	Site Type	Rec. Num.
AL-LA-013	TA-16-18-019-093b	TA-16-2-93b		Industrial drain system and any residual soil contamination.	351
AL-LA-013	TA-16-18-020-092a	TA-16-2-92a		HE sump and any residual soil contamination.	352
AL-LA-013	TA-16-18-021-092b	TA-16-2-92b		HE sump and any residual soil contamination.	353
AL-LA-013	TA-16-18-022-091a	TA-16-2-91a		HE sumps and any residual soil contamination.	354
AL-LA-013	TA-16-18-023-091b	TA-16-2-91b		HE sump and any residual soil contamination.	355
AL-LA-013	TA-16-18-024-090a	TA-16-2-90a		HE sumps and any residual soil contamination.	356
AL-LA-013	TA-16-18-025-090b	TA-16-2-90b		HE sumps and any residual soil contamination.	357
AL-LA-013	TA-16-18-026-089a	TA-16-2-89a		HE sump and any residual soil contamination.	358
AL-LA-013	TA-16-18-027-089b	TA-16-2-89b		HE sump and any residual soil contamination.	359
AL-LA-013	TA-16-18-028-099a	TA-16-2-99a		HE sump and any residual soil contamination.	360
AL-LA-013	TA-16-18-029-099b	TA-16-2-99b		HE sump and any residual soil contamination.	361
AL-LA-013	TA-16-18-030-0095	TA-16-2-95		HE sump and any residual soil contamination.	362
AL-LA-013	TA-16-18-031-0096	TA-16-2-96		HE sump and any residual soil contamination.	363
AL-LA-013	TA-16-18-032-0097	TA-16-2-97		HE sump and any residual soil contamination.	364
AL-LA-013	TA-16-18-033-0098	TA-16-2-98		HE sump and any residual soil contamination.	365
AL-LA-013	TA-16-18-034-0025	TA-16-2-25		HE sump and any residual soil contamination.	366

Site Database Summary Report

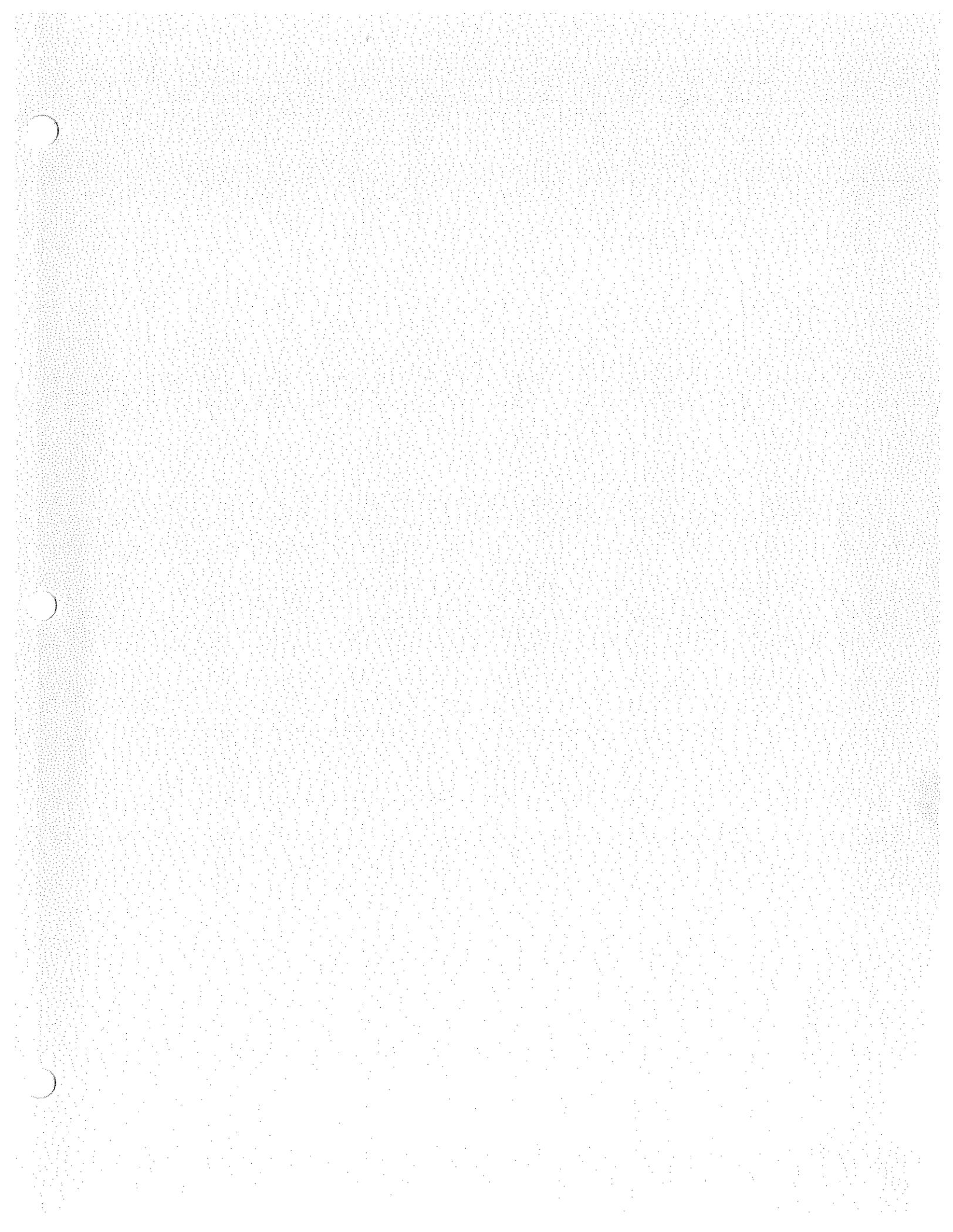
Task Number	Release Site Descriptor	Installation Identifier	Alternative Identifier	Site Type	Rec. Num.
AL-LA-013	TA-16-18-035-0026	TA-16-2-026		HE sump and any residual soil contamination.	367
AL-LA-013	TA-16-18-036-0024	TA-16-2-024		HE sump and any residual soil contamination.	368
AL-LA-013	TA-16-18-037-0148	TA-16-2-148		Sump and any residual soil contamination.	369
AL-LA-013	TA-16-18-038-0028	TA-16-2-028		Sump and any residual soil contamination.	370
AL-LA-013	TA-16-18-039-0100	TA-16-2-100		HE sump, drainlines and any associated soil contamination.	371
AL-LA-013	TA-16-18-042-0265	TA-16-2-265	SWMU# 16-003i	Sump and any associated soil contamination.	372
AL-LA-013	TA-16-18-043-0801	TA-16-2-0801	SWMU# 16-005m	HE manhole and any associated soil contamination.	373
AL-LA-013	TA-24-01-037-490a	TA-24-3-490a	RFA# 16.062	Drainline, outfall, and any residual soil contamination.	374
AL-LA-013	TA-24-01-038-490b	TA-24-3-490b		Open ditch and any residual soil contamination.	375
AL-LA-013	TA-24-01-039-0504	TA-24-3-504		Drainline, outfall, and any residual soil contamination.	376
AL-LA-013	TA-24-02-002-0504	TA-24-2-504	SWMU# 24-001a	Septic tank and any residual soil contamination.	377
AL-LA-013	TA-24-08-003-0490	TA-24-1-490		Laboratory and any residual soil contamination.	378
AL-LA-013	TA-24-08-004-0495	TA-24-1-495		Hutment and any residual soil contamination.	379
AL-LA-013	TA-24-08-005-0499	TA-24-1-499		Hutment and any residual soil contamination.	380

Site Database Summary Report

Task Number	Release Site Descriptor	Installation Identifier	Alternative Identifier	Site Type	Rec. Num.
AL-LA-013	TA-24-08-006-0500	TA-24-1-500		X-ray hutment and any residual soil contamination.	381
AL-LA-013	TA-24-09-008-0491	TA-24-1-491		Hutment and any residual soil contamination.	382
AL-LA-013	TA-24-09-009-0492	TA-24-1-492		Hutment and any residual soil contamination.	383
AL-LA-013	TA-24-09-010-0493	TA-24-1-493		Magazine and any residual soil contamination.	384
AL-LA-013	TA-24-09-011-0494	TA-24-1-494		Magazine and any residual soil contamination.	385
AL-LA-013	TA-24-09-012-0496	TA-24-1-496		Hutment and any residual soil contamination.	386
AL-LA-013	TA-24-09-013-0497	TA-24-1-497		Magazine and any residual soil contamination.	387
AL-LA-013	TA-24-09-014-0498	TA-24-1-498		Hutment and any residual soil contamination.	388
AL-LA-013	TA-24-18-040-0507	TA-24-2-507	SWMU# 24-001b	Sump pit and any residual soil contamination.	389
AL-LA-013	TA-25-01-054-515a	TA-25-3-515a	RFA# 16.062	Outfall and any residual soil contamination.	390
AL-LA-013	TA-25-01-060-515b	TA-25-2-515b		Drainline, outfall, and any residual soil contamination.	391
AL-LA-013	TA-25-02-004-0527	TA-25-2-527	SWMU# 25-002a	Septic tank and any associated soil contaminated.	392
AL-LA-013	TA-25-08-015-0522	TA-25-1-522		Building and any residual soil contamination.	393
AL-LA-013	TA-25-08-016-0517	TA-25-1-517		Equipment building and any residual soil contamination.	394
AL-LA-013	TA-25-15-006-0523	TA-25-1-523	SWMU# 25-001	Pump pit and any residual soil contamination.	395

Site Database Summary Report

Task Number	Release Site Descriptor	Installation Identifier	Alternative Identifier	Site Type	Rec. Num.
AL-LA-013	TA-25-15-007-0526	TA-25-2-526	SWMU# 25-002b	Pump pit and any residual soil contamination.	396
AL-LA-013	TA-25-18-041-0515	TA-25-2-515		Waste system including any residual soil contamination.	397



ER PROGRAM LANL SITE DATABASE
ANNOTATED FIELDS

underline denotes field title

() = field size

[] = example or annotation

- 1) Project Name: [ER Program] (40c)
- 2) Installation: [Los Alamos National Laboratory] (40c)
- 3) Site Name: [This field identifies a common name the site may be referred to, such as "Area C".] (40c)
- 4) Task Number: [AL-LA-10-1] (40c)
- 5) Phase I Heading: [TA15-1-CA-I-HW/RW(Firing Sites). The Phase I Heading will include the brief description of the site type that is found in the Phase I Report.] (60c)
- 6) Release Site Descriptor: [The ER Program Release Site Descriptor is entered in this field in the form: TA-AA-BB-CCC-DDDD. AA is the LANL Technical Area, BB is the standard LANL site type number, CCC is a number in consecutive site order, and DDDD is an associated LANL structure number. For example, TA-21-01-15-0054 represents the fifteenth outfall (BB = 01 for outfalls) at Technical Area 21 that is near or most logically associated with LANL structure number 54. The standard LANL site type list (BB subfield) is provided in hard copy.] (60c)
- 7) Installation Identifier: [This field designates a previously assigned RIP Site Descriptor. The format for this field is TA-21-2-3a. The TA-XX prefix is included. Brackets are omitted from this field so it can be searched and sorted.] (60c)
- 8) Alternative Identifier: [This field may identify a SWMU number, RFA number, or other identifier useful to the installation. For LANL release site databases, this field will identify a SWMU number if one exists. The format is "SWMU# XXXX". Users must obtain a current SWMU cross-reference list to cross reference sites that have been listed as SWMUs.] (25c)
- 9) Site Description: [This field contains a description of the site that will give the user a clear picture of what the site consists of and where it is located. For example: "This is the industrial waste outfall south of building 3 that drains from manhole 54 south to Los Alamos Canyon." Without question, this field must sufficiently address the nature of the site and its general location. Pertinent references contained in the Information Resources Field (see Field 23) should be cited in field 9 to refer the user to more detailed site information.] (254c)
- 10) Site Location: [This field offers a Y/N choice for designating whether the location is Surveyed, and also offers a 60-character field for the coordinate system name, units, and reference number (see field 23) for a map that illustrates site location (format: coordinate system/units/ref number such as LANL coordinates/feet/R XXA). North, south, east, and west coordinates, and elevation in feet above mean sea level are specified. If the site location has not been surveyed, the coordinates given in this field will consist of estimated coordinates taken from referenced engineering drawings or other mapping resources. Surveyed coordinates will

show accuracy to the nearest foot, tenth of a foot, or hundredth of a foot. Unsurveyed locations will be estimates to the nearest 100 or 50 feet, such as 450+00.]

- 11) ER Program Phase: [This field identifies current site status and offers a Y/N choice for NFA (no further action), RFI (RCRA facility investigation), Interim Status, Detection Monitoring, Closure, PA/SI, RI Scoping, Reconnaissance Sampling, RI/FS, RD/RA, and Other. Currently most LANL sites are categorized in the RI Scoping or reconnaissance sampling phases. The 25-character "other" field allows the user to specify a program phase not listed.]
- 12) Program Phase Rationale: [This field explains why the site has been selected for a particular program phase in field number 11 above, and provides a reference to an information resource that will support the phase rationale. For example, if NFA is the selected program phase, this field should justify NFA by stating the reason why: "This outfall was sampled in November of 1988 and reported to be free of contamination, therefore no further action is warranted under the ER Program. See the Raw Data Report Issued by LANL dated February, 1989 (R 04R)." The recon sampling phase rationale may be given as "Phase I results (R 05R) indicate that the site should be investigated further as part of RI scoping."] (254c)
- 13) Current Operational Status: [This field offers a Y/N choice for "operational" and "Other". The purpose of this field is to indicate whether or not the site is currently operational and actively being used by LANL. LANL operating groups that currently use and occupy the site are listed in the 60-character "current owner/operating group" field. The 60-character "other" field will also allow the user to explain what portion or portions of a site are active or inactive if the entire site is not currently operational.]
- 14) Site Type: [This field offers an open character field to select the site type from the LANL standard site type list. The site type entered in field 14 is taken from the list of site type examples listed under each "BB" site type category.] (60c)
- 15) Potential Pathways: [This field offers a Y/N choice for soil-to-surface water, soil-to-biota, soil-to-groundwater, soil-to-air, surface water-to-biota, groundwater-to-biota, soil-to-vadose zone, vadose zone-to-groundwater, and also offers a 60-character "other" field. This field requires reasonable technical judgement with regard to expected or potential pathways that must be based on reported confirmation of contaminants at the site. If a potential pathway is selected, at least one contaminant in field 19 must be listed as field verified.]
- 16) Generic Waste Type: [This field offers a choice for hazardous (H), radioactive (R), mixed (M), and a 60-character "other" waste type. The purpose of this field is to classify site contaminants within a generic category, not within any strict regulatory definition. The selection of hazardous, radioactive, or mixed must be based on analytical results reported as part of a past LANL sampling program or ER Program sampling effort. If haz, rad, or mixed is selected in field 16, at least one contaminant listed in field 19 must be shown as field-verified.]
- 17) EPA Waste Characteristics: [This field offers a Y/N choice for the following EPA waste characteristics: toxic, corrosive, radioactive, persistent, soluble, infectious, flammable, ignitable, highly volatile, explosive, reactive, incompatible, "not applicable", or "other" (60c). Selected characteristics must be associated with confirmed contamination demonstrated by results from LANL or ER Program

sampling events. If an EPA waste characteristic is selected, at least one contaminant in field 19 must be listed as field verified.

Listed below are characteristics of some constituents generally common to LANL sites.

HE: explosive , reactive
Pu: persistent, toxic, rad
U: persistent, toxic, rad, soluble
H-3: soluble, rad
Cs: rad, persistent, soluble
I-129: rad, persistent, soluble
Co-60: rad
volatiles: toxic, flammable, ignitable
PCBs: toxic, persistent
Pesticides: toxic, soluble
oil/grease: toxic, flammable, ignitable
semivolatiles: toxic, soluble
heavy metals: toxic]

- 18) EPA Waste Type: [This field offers a Y/N choice for the following EPA waste types: sludge, oily waste, solvents, pesticides, other organic chemicals, inorganic chemicals, acids, bases, heavy metals, "not applicable", or "other" (60c). Selected waste types must be associated with confirmed contamination demonstrated by results from LANL or ER Program sampling events. If an EPA waste type is selected, at least one contaminant in field 19 must be listed as field verified.]
- 19) Specific Contaminants of Concern: [The user will select contaminants from the hard copy list of contaminants and enter an index number for selected contaminants. The database input screen will indicate whether each contaminant has a designated CAS number or local index number. The user will classify each data set as field-verified (V), Confirmed (C), or Unconfirmed (U). "Field verified" contaminants must be listed with a reference number that represents a data resource that reports the presence of that contaminant. "Confirmed" contaminants must be listed with a reference number associated with a report, memo, or other information resource that states or indicates the presence of the contaminant. "Unconfirmed" contaminants must be listed with a reference number associated with a report, memo, interview notes or other information resource that states or indicates the presence of the contaminant, based on the types of processes that have been conducted at the site, or other indirect evidence of contamination.]
- 20) Waste Quantities: [This field offers a Y/N choice for designating whether quantities are field measured for waste area, waste depth, and waste volume. The user will specify units for each quantity and provide the reference number (see field 23) that references a information resource containing measured or estimated waste quantities. Estimated waste quantities will be calculated from the LANL standard site quantity criteria.]
- 21) Major Chronological Events: [This field provides a screen for listing major chronological events and associated dates. These events may include site construction, sampling events, releases, decontamination, decommissioning, closure, ER Program site visits, or others. Each chronological event must be

listed with a reference number (see field 23) to associate the event with a report, memo, data set, or other information resource.] (36 lines of 120c)

- 22) Comments: [This field provides any other important knowledge about the status of the site that is not presented in fields 1 through 21 and 23. This should be a summary of one or two sentences that provides an overall picture of current site knowledge and conditions. An example of this summary is "Firing site B was used in the 1950's, decontaminated and decommissioned in 1967, and regraded. Although contamination may be found, it may originate from adjacent firing sites that have a hazard radius encompassing firing site B (R 12S)." As a minimum, this field must reflect all results of Phase I, RI scoping, or other ER Program activities at the site. Reference numbers should be given to direct the user to a complete reference in field 23 so the user can examine supporting documents.] (36 lines of 150c)
- 23) Information Resources: [Field 23 stores complete citations for all site information resources according to the following code: "R XXA", where "R" designates a reference, "XX" designates an unprioritized number assigned by the user to identify each reference, and "A" designates a lower case letter that represents the type of information resource according to the following table:

<u>Information Resource</u>	<u>"A"</u>
Engineering Drawings	e
Photographs	p
Interviews	i
Memos	m
Reports	r
Site Visits	s
Analytical Data	a
Other	o

Field 23 may hold up to a total of 100 information resources. Each information resource field will report the information in the following format:

Reference Number: R XXA, The reference number explained above is assigned by the user for each entered information resource. It may be used in fields 1 through 22 to refer to a particular information resource without requiring a complete citation. (5c)

Reference Type: This area identifies the reference type on hard copy database. It is reported automatically by reading and sorting the "A" character in the reference number above.

Title: A title or description of the information resource that will allow users to refer to the resource and find it at its storage location with reasonable effort. An example of a sufficient description is "ER Program site reconnaissance visit field notes for TA-15." (70c).

Author: A name or names of a person, institution, or agency that issued the information resource. (20c)

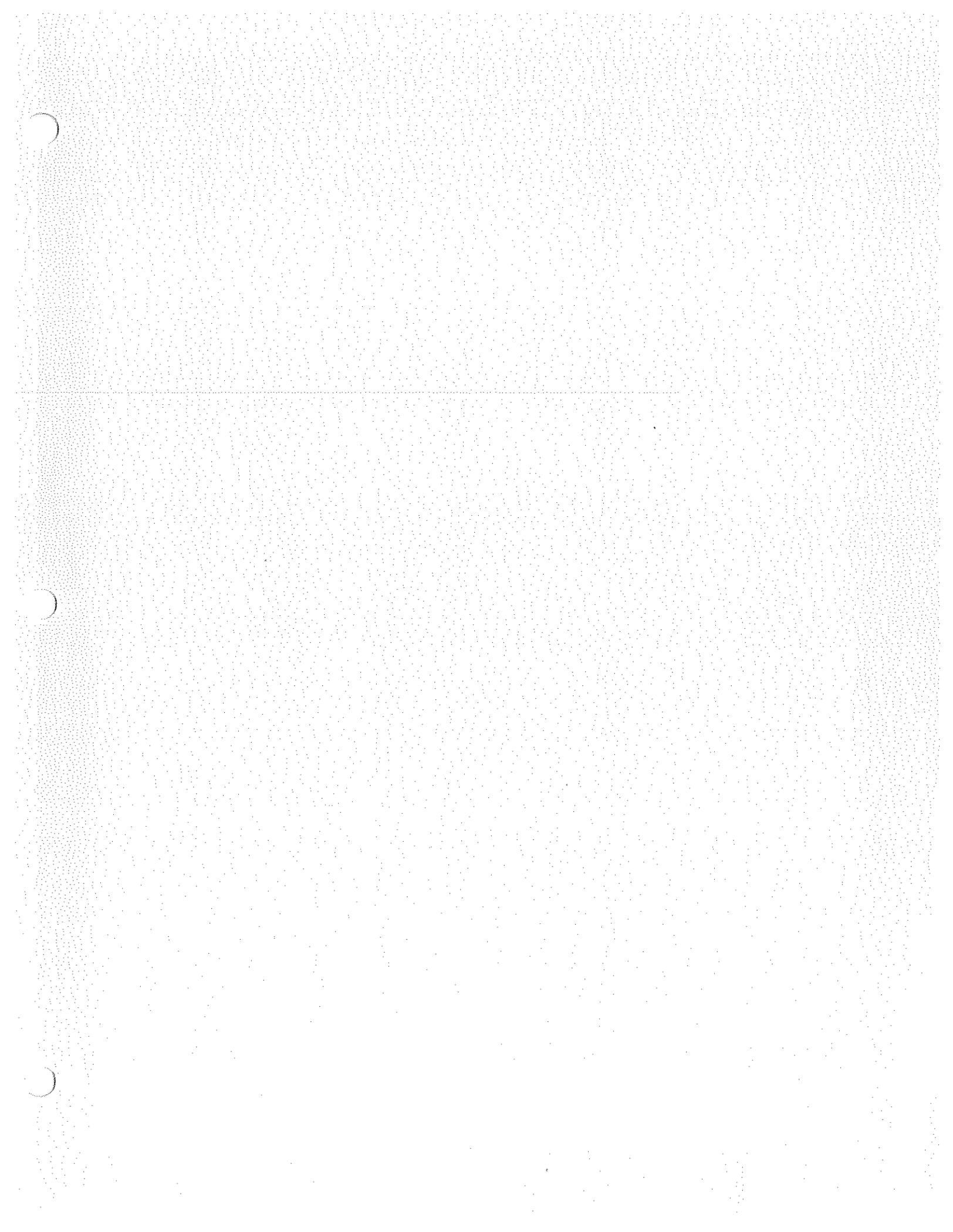
Date of Issue: The date of issue will be entered in the month/day/year format (mm/dd/yy); ranges of dates may be entered.] (17c)

Location: This subfield identifies the location where each information resource is physically stored, so that users may obtain and examine the resources if required. An example of a sufficient reference is "Field notebook 433, ER Program Document Control Files for TA-15, Roy F. Weston, Albuquerque, NM." (90c)

LANL STANDARD SITE TYPES - DATABASE FIELD 6, BB SUBFIELD
Revised 6/29/89

BB STANDARD LANL SITE TYPE

- 01 Outfalls: permitted, inactive, and associated soil contamination.
- 02 Septic systems: drainlines, ditches, tanks, manholes, overflow areas, leach fields, and associated soil contamination.
- 03 Industrial waste systems: drainlines, ditches, tanks, manholes, overflow areas, leach fields, and associated soil contamination.
- 04 Below-ground Liquid Impoundments: seepage pits, adsorption beds, filter beds, drying beds, and sludge beds.
- 05 Above-ground Liquid Impoundments: lagoons, liquid waste ponds, mud pits, and surface liquid storage facilities.
- 06 General Surface Soil Contamination: soil piles, berms, leak and spill contamination, stack releases, surface channel sediments, and storm drainage systems.
- 07 Above-ground Storage Facilities: tanks, silos, flasks, and liquid and solid material storage containers.
- 08 Structures: buildings, laboratories, offices, warehouses, reactors, treatment plants, and towers.
- 09 HE Storage Facilities: magazines, hutments
- 10 Abandoned Storage Areas: equipment, debris, containers, canyon-wall disposal areas.
- 11 Operational Storage Areas: equipment, debris, containers, canyon-wall disposal.
- 12 Subsurface Disposal Facilities: burial pits, material disposal areas, landfills, disposal shafts, dry wells, and holes.
- 13 PCB Storage Facilities: transformers, capacitors, or PCB storage areas or impoundments.
- 14 Personnel Safety Facilities or Equipment: gloveboxes, plenums, hoods, and general filter system apparatus.
- 15 Utility Systems: pipelines, ditches, manholes, and general utility system structures for water, gas, phone, or electric utilities.
- 16 HE Dispersion Areas or Facilities: firing sites, points, chambers, bunkers, personnel shelters, and associated surface or subsurface soil contamination.
- 17 HE Flash Areas: burn pits, pads, and incinerators.
- 18 HE Wash Areas: wash pits, wash pads, and wash areas.
- 19 Below-Ground Storage Facilities: underground petroleum or industrial waste storage tanks or vaults.
- 20 General Subsurface Soil Contamination: remnant contamination from past decontamination and decommissioning activities or structure removal.



1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-001-0300
7. Installation Identifier : TA-16-5-300
8. Alternative Identifier : Not identified
9. Site Description :
Common outfall for buildings 16-300, -302, 304, and -306 (300 common line). NPDES permit # EPA 05A058.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 47+50
West coordinate : 22+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfalls and any associated soil contamination.

15. Potential Pathways : Soil to surface water, Soil to air, Soil to biota, Soil to vadose zone, Surface water to biota

16. Generic Waste Type : Haz

17. EPA Waste Characteristics : Explosive, Reactive

18. EPA Waste Types : Other organic chemicals

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	V	ERP	HE	R05r
BARIUM, TOTAL	U	CAS	7440-39-3	R05r
OIL & GREASE BY GRAV	U	ERP	IOGGR	R05r
VOLATILES	U	ERP	VOL	R02m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-300's constructed	1953	R06m
•Soil samples collected	1972	R05r
•Soil samples collected	07/01/86	R04m
•Soil samples collected	07/21/86	R05m
•ER Program site visit	1988	R01s

22. Comments:

The ¹⁵ An outfall was identified on Engineering Drawing R871 (R01a), and 879 (R02e). The outfall is associated with drains from bldgs. 16-300, -302, -304, and -306. These buildings house the following operations: 300-inert mock-up development, 302-HE casting, 304 and 306-plastics development and production. ~~The outfall carries NPDES permit number EPA 05A058 and is listed as discharging HE effluent (R06e). In a letter from Voelz to Rosen dated 07/09/79, the building on the 300 line are noted to use HE (R01a).~~ Toluene diisocyanate, anthracene and octyl are also noted to be used in the various facilities as well as HE. (R01a, R03a, R04a). TA-16-306 is listed as a heavy user of solvents by Salgado (R02m). Solvents listed as being used at facilities on the line are as follows; acetone, chloroethene, and methylene chloride (R03m). TA-306 and 304 are also noted to discharge plastics, oil and solvents (R05a). TA-16-302 and 306 are listed as discharging small to moderate amounts of contaminants to the environment (R03m). Elevated acetone solubles and carbon tetrachloride solubles have been found in the 300 line common effluent outlet. These results are due to the plastics and solvents that were used in TA-16-306, and -304 (R05a). Soil samples taken near the outfall also indicate the presence of HE in the soils (R05a, R04a, R05m). The outfall at one time was exceeding NPDES permit levels due to comingling of HE and solvent wastes. To address the problem, a dry well was added to the system; however the dry well did not have sufficient capacity to handle the discharge. The dry well was later abandoned (R02a). ~~The outfall was located during the ER Program site reconnaissance visit (R01a).~~

23. Information Resources

Engineering Drawings

- Reference R01e
 - Title : ENG - R881
 - Author : LANL
 - Date : 1959
 - Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02e
 - Title : ENG - R879
 - Author : LANL
 - Date : 1959
 - Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03e
 - Title : Eng 7 Structures list
 - Author : LANL
 - Date : Unknown
 - Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : ER Program site photograph
Author : Roy F. Weston
Date : 06/23/88-06/26/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Letter to Herman Rosen
Author : Voelz
Date : 07/09/79
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Effluent Scope Committee
Author : Salgado
Date : 06/01/71 *16 - 000012*
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Group GMX-3 Effluents
Author : Panowski/Salgado
Date : 07/28/71
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : Analysis of soil samples for residual explosive from drainage ditches at sumps.
Author : Baytos
Date : 07/01/86
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R05m
Title : Analysis of soil samples for residual explosive from drainage ditches at sumps.
Author : Baytos
Date : 07/01/86
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : H-Division Monthly Report 1/20-2/20
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02r
Title : CEARP - Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03r
Title : H-Division Monthly Report 7/20-8/20
Author : LANL
Date : 1954
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R04r
Title : H-Division Monthly Report 11/20-12/20
Author : Baytos
Date : 1955
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R05r
Title : LA-4925
Author : Baytos
Date : 1972
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R06r
Title : Cross Index of NPDES Serial #'s to TA's of Discharge
Author : LANL
Date : 04/06/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 06/23/88-06/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

Analytical Data

- Reference R01a
Title : Cross Index of NPDES Serial #'s to TA's of Discharge
Author : LANL
Date : 04/06/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02a

Title : LA-4925

Author : Baytos

Date : 1972

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03a

Title : Analysis of soil samples for residual explosives from drainage ditches

Author : Baytos

Date : 07/21/86

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R04a

Title : Analysis of soil samples for residual explosives from drainage ditches

Author : Baytos

Date : 07/01/86

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/1-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-002-0306
7. Installation Identifier : TA-16-5-306
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from drain on southeast side of building 16-306, plastics research and development facility.
10. Site Location:
Coordinate system and units : LANL Coordinate System / feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 47+50
West coordinate : 24+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall, drainline and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R03m
BARIUM, TOTAL	U	CAS	7440-39-3	R03m
OIL & GREASE BY GRAV	U	ERP	10GGR	R02r
URANIUM, TOTAL	U	CAS	7440-61-1	R03m
VOLATILES	U	ERP	VOL	R02m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-306 constructed.	1953	R04m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

An outfall was identified on Engineering Drawing R871 (R01e). The outfall is associated with the drain from the south side of building 16-306, plastics research and production facility. A letter from Voelz to Rosen dated 07/09/79, suggests that TA-16-306 is a low health safety hazard as a result of the use of HE at the facility (R03m). An H Division reports monitoring for tolyene diisocyanate at TA-16-306 (R01r). The facility is listed as one of the largest users of solvents at TA-16 (R01m) and is also noted to discharge small to moderate amounts of hazardous constituents to the environment. Among those solvents used are: acetone, chlorothene, methylene chloride, and freon-PCA solvent (R02m). Along with solvents, oil and plastics are also noted as being discharged (R02r). The outfall was located during the ER Program reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R879
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : ER Program site photograph
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Effluent Scope Committee
Author : Salgado
Date : 06/01/71
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Group GMX-3 Effluent
Author : Panowski/Salgado
Date : 07/28/71
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Letter to Herman Rosen
Author : Voelz
Date : 07/09/79
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : ENG 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : H Division Monthly Report 01/20-02/20

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02r

Title : LA-4925

Author : Baytos

Date : 1972

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03r

Title : CEARP - Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-003-307a
7. Installation Identifier : TA-16-5-307a
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from two HE sumps at building 16-307, rest house.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 52+50
West coordinate : 25+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfalls and any associated soil contamination.

15. Potential Pathways : Soil to surface water, Soil to air, Soil to biota, Soil to vadose zone, Surface water to biota

16. Generic Waste Type : Haz

17. EPA Waste Characteristics : Explosive, Reactive

18. EPA Waste Types : Other organic chemicals

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	V	ERP	HE	R02m
BARIIUM, TOTAL	U	CAS	7440-39-3	R02m
VOLATILES	U	ERP	VOL	R01i

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-306 constructed	1953	R07m
•Soil samples collected	1974	R02m
•Soil samples collected	1975	R03m
•Soil samples collected	1976	R04m
•Soil samples collected	1977	R05m
•Soil samples collected	1985	R06m
•Soil samples collected	1988	R01s
•ER Program site reconnaissance visit	1988	R01S

22. Comments:

An outfall was identified on Engineering Drawing R885 (R01e). The outfall originates at building 16-307, rest house. The rest house has also housed a solvent disassembly tank used in removing HE from inert components (R01i). Soil samples from the outfall area have been analyzed for HE. An H-Division report mentions the use of anthracene at TA-16-307 (R01r). The outfall was identified during the ER Program site reconnaissance (R01s). TA-16-307 was also listed as discharging low to moderate amounts of hazardous constituents to the environment (R01m). Results from the analysis suggest the presence of both TNT, and RDX/HMX (R02m-R06m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R885
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : ER Program site photographs
Author : Roy F. Weston
Date : 06/23/88-06/26/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkison, WX-3, phone conversation
Author : Roy F. Weston
Date : 07/19/89
Location: Field notebook #69, ER Program document control system, Albuquerque, NM

Memos

- Reference R01m
Title : Group GMX-3 effluent
Author : Panowski/Salgado
Date : 07/28/71
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Analysis of soil sample for residual explosive from drainage ditch at sump
Author : Baytos
Date : 12/27/74
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03m
Title : Analysis of soil sample for residual explosive from drainage ditch at sump
Author : Baytos
Date : 12/30/75
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : Analysis of soil sample for residual explosive from drainage ditch at sump
Author : Baytos
Date : 12/16/76
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R05m
Title : Analysis of soil sample for residual explosive from drainage ditch at sump
Author : Baytos
Date : 01/20/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R06m
Title : Analysis of soil sample for residual explosive from drainage ditch... at sump
Author : Baytos
Date : 08/07/85
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R07m
Title : Eng 7 Structures list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : H-Division monthly report 01/20 - 02/20
Author : LANL
Date : 1955
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02r
Title : LA-4925
Author : Baytos
Date : 1972
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 06/23/88-06/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

Analytical Data

- Reference R01a
Title : Analysis of soil samples for residual explosives from drainage ditches at sump
Author : Baytos
Date : 12/27/74
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02a
Title : Analysis of soil samples for residual explosives from drainage ditches at sump
Author : Baytos
Date : 12/30/75
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03a
Title : Analysis of soil samples for residual explosives from drainage ditches at sump
Author : Baytos
Date : 12/16/76
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04a
Title : Analysis of soil samples for residual explosives from drainage ditches at sump
Author : Baytos
Date : 01/20/77
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R05a
Title : Analysis of soil samples for residual explosives from drainage ditches at sump
Author : Baytos
Date : 08/07/85
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R06a
Title : LA-4925
Author : Baytos
Date : 1972
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/1-HW/RW (Outfalls)
6. Release Site Descriptor : TA-16-01-004-307b
7. Installation Identifier : TA-16-5-307b
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from north side of building 16-307, a rest house.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 50+00
West coordinate : 27+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R02r
BARIUM, TOTAL	U	CAS	7440-39-3	R02r
VOLATILES	U	ERP	VOL	R01i

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-307 constructed.	1953	R02m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

An outfall was identified on Engineering drawing R879 (R01e), and R885 (R02e). The outfall originates from the north side of building 16-307, a rest house. The structure acts as a rest house for the plastics facilities and at one time housed a solvent disassembly tank used for removing HE from inert product (R01i). An H-Division report mentions the use of anthracene at TA-16-307 (R01r). TA-16-307 was also listed as discharging low to moderate amounts of hazardous constituents to the environment (R01m). The outfall was not located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R879

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02e

Title : ENG - R885

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

• Reference R01i

Title : Interview with Lynn Parkinson, WX-3, phone conversation

Author : Roy F. Weston

Date : 07/19/89

Location: Field notebook # 69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Group GMX-3 effluent

Author : Panowski/Salgado

Date : 07/28/71

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : H-Division monthly report 01/20 - 02/20

Author : LANL

Date : 1955

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-O/CA-A/I-HW/RW (Outfalls)
6. Release Site Descriptor : TA-16-01-005-307c
7. Installation Identifier : TA-16-5-307c
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from southeast corner of building 16-307, rest house.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 50+50
West coordinate : 27+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R02r
BARIUM, TOTAL	U	CAS	7440-39-3	R02r
VOLATILES	U	ERP	VOL	R01i

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-307 constructed.	1953	R02m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

An outfall was identified on Engineering drawing R879 (R01e), and R885 (R02e). The outfall originates from the north side of building 16-307, a rest house. The structure acts as a rest house for the plastics facilities and at one time housed a solvent disassembly tank used for removing HE from inert product (R01i). An H-Division report mentions the use of anthracene at TA-16-307 (R01r). TA-16-307 was also listed as discharging low to moderate amounts of hazardous constituents to the environment (R01m). The outfall was not located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R879
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02e
Title : ENG - R885
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkinson, WX-3, phone conversation
Author : Roy F. Weston
Date : 07/19/89
Location: Field notebook # 69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Group GMX-3 effluent
Author : Panowski/Salgado
Date : 07/28/71
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : H-Division monthly report 01/20 - 02/20 16-000225
Author : LANL
Date : 1955
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02r

Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-006-305a
7. Installation Identifier : TA-16-5-305a
8. Alternative Identifier : Not identified 16-026(c)
9. Site Description :
Outfall from building 16-305, rest house.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 47+50
West coordinate : 27+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfalls and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01r
BARIUM, TOTAL	U	CAS	7440-39-3	R01r
VOLATILES	U	ERP	VOL	R01r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-305 constructed	1953	R02m
•ER Program site recon visit	1988	R01s

22. Comments:

An outfall was identified on Engineering Drawing R869 (R01e). The outfall originates from building 16-305, rest house. The rest house serves TA-16-304 a plastics development and production facility. Either HE or solvents may have been stored at the site in the past. The outfall was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R869
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : ER Program site photograph
Author : Roy F. Weston
Date : 06/23/88-06/26/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Eng-7 Structures list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 06/23/88-06/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-007-305b
7. Installation Identifier : TA-16-5-305b
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from HE sumps at building 16-305.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 47+50
West coordinate : 24+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall, drainlines and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01i
BARIUM, TOTAL	U	CAS	7440-39-3	R01i

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-305 constructed.	1953	R01m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

An outfall was identified on Engineering drawing R879 (R01e). The outfall originates from the two HE sumps associated with building 16-305. TA-16-305 functions as an HE rest house for products used in the HE casting building TA-16-302 (R01i). The outfall was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R881
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : ER Program site photograph
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkinson, WX-3, Phone conversation
Author : Roy F. Weston
Date : 07/19/89
Location: Field Notebook #69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : LANL
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site investigation

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW/RW (Outfalls)
6. Release Site Descriptor : TA-16-01-008-305c
7. Installation Identifier : TA-16-5-305c
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from northeast side of building 16-305, a rest house.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 47+00
West coordinate : 28+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01i
BARIIUM, TOTAL	U	CAS	7440-39-3	R01i

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-305 constructed.	1953	R01m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

An outfall was identified on Engineering drawing R878 (R01e). The outfall originates from the northeast side of building 16-305, a rest house. Both HE and solvents are suspected of being stored at this site (R01i). The outfall was located during the ER Program site reconnaissance (R01s).

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-009-303a
7. Installation Identifier : TA-16-5-303a
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from building 16-303, rest house.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 45+00
West coordinate : 30+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfalls and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-303 constructed	1953	R01m
•ER Program site recon visit	1988	R01s

22. Comments:

An outfall was identified on Engineering Drawing R868 (R01e). The outfall originates from building 16-303, rest house. The rest house serves HE casting facility TA-16-302. The outfall was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R868
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : ER Program site photograph
Author : Roy F. Weston
Date : 06/23/88-06/26/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Eng 7 Structures list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 06/23/88-06/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-010-303b
7. Installation Identifier : TA-16-5-303b
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from two HE sumps at building 16-303.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 43+50
West coordinate : 31+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall, drainlines and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01i
BARIIUM, TOTAL	U	CAS	7440-39-3	R01i

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-303 constructed.	1953	R01m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

An outfall was identified on Engineering drawing R879 (R01e). The outfall originates from the two HE sumps associated with building 16-303. TA-16-303 functions as an HE rest house for products operated in the HE casting building TA-16-302 (R01i). The outfall was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R881
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : ER Program site photograph
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkinson, WX-3, Phone conversation
Author : Roy F. Weston
Date : 07/19/89
Location: Field Notebook #69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : LANL
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site investigation

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-O/CA-A/I-HW/RW (Outfalls)
6. Release Site Descriptor : TA-16-01-011-303c
7. Installation Identifier : TA-16-5-303c
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from south side of building 16-303, a rest house.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 43+50
West coordinate : 31+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01i
BARIUM, TOTAL	U	CAS	7440-39-3	R01i

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-303 constructed.	1953	R01m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

An outfall was identified on Engineering drawing R878 (R01e). The outfall originates from the south side of building 16-303, a rest house. HE is considered the primary material stored at the site based on the fact that HE casting operations are conducted at TA-16-302, the facility the rest house serves (R01i). The outfall was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R878
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : ER Program site photograph
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkinson, WX-3, phone conversation
Author : Roy F. Weston
Date : 07/19/89
Location: Field notebook # 69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-012-301a
7. Installation Identifier : TA-16-5-301a
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from building 16-301, rest house.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 42+00
West coordinate : 32+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfalls and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R02r
BARIUM, TOTAL	U	CAS	7440-39-3	R02r
VOLATILES	U	ERP	VOL	R01r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-301 constructed	1953	R02m
•ER Program site recon visit	1988	R01s

22. Comments:

An outfall was identified on Engineering Drawing R878 (R01e). The outfall originates from building 16-301, rest house. The rest house serves TA-16-300 inert mock-up facility. Either solvents or HE may have been stored at this site in the past. Other outfalls associated with the structure have been noted to be contaminated with HE and barium (R02r). TA-16-301 was sited as discharging small to moderate amounts of constituents to the environment (R01m). The outfall was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R878
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : ER Program Site photograph
Author : Roy F. Weston
Date : 06/23/88-06/26/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Group GMX-3 effluent
Author : Panowski/Salgado
Date : 07/28/71
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Eng 7 Structures list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02r

Title : Environmental studies at S-site

Author : LASL

Date : 1971

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 06/23/88-06/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-013-301b
7. Installation Identifier : TA-16-5-301b
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from two HE sumps at building 16-301.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 40+00
West coordinate : 34+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall and any associated soil contamination.

15. Potential Pathways : Soil to surface water, Soil to air, Soil to biota, Soil to vadose zone, Surface water to biota

16. Generic Waste Type : Haz

17. EPA Waste Characteristics : Toxic, Radioactive, Explosive

18. EPA Waste Types : Other organic chemicals, Heavy metals

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	V	ERP	HE	R02r
BARIUM, TOTAL	V	CAS	7440-39-3	R02r
VOLATILES	U	ERP	VOL	R01r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-301 constructed.	1953	R04m
•Soil sample collected.	1971	R01r
•Soil sample collected.	1972	R03r
•Soil sample collected.	1974	R02m
•Soil sample collected.	1975	R03m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

An outfall was identified on Engineering drawing R878 (R01e). The outfall originates from the two HE sumps associated with building 16-301, rest house. Since the rest house services TA-16-300, inert inert mock-up development facility, both HE and solvents may have been stored at the facility in the past. TA-16-301 was listed as discharging moderate to low amounts of hazardous constituents (R01m). Barium, TNT, and RDX-HMX have all been identified in soil samples taken near the outfall (R01r, R02r, R02m, R03m). The outfall was identified during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R878
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : ER Program site photograph
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Group GMX-3 effluents
Author : Panowski/Salgado
Date : 07/28/71
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Analysis of soil sample for residual explosives from drainage ditches and sumps
Author : Baytos
Date : 12/27/74
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Analysis of soil sample for residual explosives from drainage ditches and sumps
Author : Baytos
Date : 12/30/75
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02r
Title : Environmental studies at S-site
Author : LASL
Date : 08/20/71
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03r
Title : LA - 4925
Author : Baytos
Date : 1972
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #70, ER Program document control system, Roy F. Weston, Albuquerque, NM

Analytical Data

- Reference R01a
Title : Environmental studies at S-site
Author : LASL
Date : 08/20/71
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02a
Title : LA - 4925
Author : Baytos
Date : 1972
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03a
Title : Analysis of soil sample for residual explosive from drainage ditches at sump effluent
Author : Baytos
Date : 12/27/74
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R04a

Title : Analysis of soil sample for residual explosive from drainage ditches at sump effluent

Author : Baytos

Date : 12/27/74

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW/RW (Outfalls)
6. Release Site Descriptor : TA-16-01-014-301c
7. Installation Identifier : TA-16-5-301c
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from south side of building 16-301, a rest house.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 40+00
West coordinate : 34+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01i
BARIUM, TOTAL	U	CAS	7440-39-3	R01i
VOLATILES	U	ERP	VOL	R01i

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-301 constructed.	1953	R02m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

An outfall was identified on Engineering drawing R871 (R01e), and R878 (R02e). The outfall originates from the south side of building 16-301, which functions as a rest house. Based on activities conducted at TA-16-300, the facility the rest house serves, either solvents or HE may be stored at TA-16-301. TA-16-301 was listed as discharging low to moderate amounts of hazardous constituents to the environment (R01m). The outfall was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R871
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02e
Title : ENG - R878
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : ER Program
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkinson, WX-3, phone conversation
Author : Roy F. Weston
Date : 07/19/89
Location: Field notebook # 69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Group GMX-3 effluent
Author : Panowski/Salgado
Date : 07/28/71
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW/RW (Outfalls)
6. Release Site Descriptor : TA-16-01-015-308a
7. Installation Identifier : TA-16-5-308a
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from northeast corner of building 16-308, plastics facility.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 36+50
West coordinate : 34+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R02m
BARIUM, TOTAL	U	CAS	7440-39-3	R02m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-308 constructed.	1953	R02m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

This outfall originates from the northeast corner of building 16-308. The facility functioned as a drying house and for HE processing (R02m). TA-16-308 was listed as discharging low to moderate amounts of hazardous constituents to the environment (R01m). The outfall was located during the site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R871
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Group GMX-3 effluent
Author : Panowski/Salgado
Date : 07/28/71
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #70, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/1-RW/RW (Outfalls)
6. Release Site Descriptor : TA-16-01-016-308b
7. Installation Identifier : TA-16-5-308b
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from east side of building 16-308.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 36+50
West coordinate : 34+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R02m
BARIUM, TOTAL	U	CAS	7440-39-3	R02m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-308 constructed.	1953	R02m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

This outfall originates from the northeast corner of building 16-308. The facility functioned as a drying house and for HE processing (R02m). TA-16-308 was listed as discharging low to moderate amounts of hazardous constituents to the environment (R01m). The outfall was located during the site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R871
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Group GMX-3 effluent
Author : Panowski/Salgado
Date : 07/28/71
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #70, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-017-0285
7. Installation Identifier : TA-16-5-285
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from southeast side of building 16-285, rest house.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 33+50
West coordinate : 37+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information the drain services a floor drain which receives condensate from utility compressors; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfalls, drainline and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-285 constructed.	1951	R01m
•ER Program site visit.	1988	R01s

22. Comments:

An outfall was identified on Engineering Drawing R870, and 871 (R01e,R02e). The outfall is associated with drain on the southeast side of building 16-285, rest house. The outfall feeds a floor drain in an isolated utility room which receives condensate from compressors (R01i). The outfall was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R870

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02e

Title : ENG - R871

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

• Reference R01p

Title : ER Program site photographs

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

• Reference R01i

Title : Interview with Lynn Parkinson, WX-3, phone conversation

Author : Roy F. Weston

Date : 07/21/89

Location: Field notebook #69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP - Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-O/CA-A/1-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-018-0283
7. Installation Identifier : TA-16-5-283
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from south side of building 16-283, rest house.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+50
West coordinate : 26+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
The outfall receives any condensate from compressors located in an isolated utility room, therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfalls and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-281 constructed.	1951	R01m
•ER Program site visit.	1988	R01s

22. Comments:

An outfall was identified on Engineering Drawing R872 (R01e). The outfall is associated with drain on the northeast corner of building 16-281 rest house. The drain receives only condensate from a compressor which is in an isolated utility room. The facility does not have any water utility (R01i). The outfall was not located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R862

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkinson, WX-3, Phone conversation
Author : Roy F. Weston
Date : 07/21/89
Location: Field notebook #69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Eng 7 Structure List
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP - Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 06/23/88-06/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW/RW (Outfalls)
6. Release Site Descriptor : TA-16-01-019-0267
7. Installation Identifier : TA-16-5-267
8. Alternative Identifier : Not identified 16-003(j)
9. Site Description :
Outfall from southeast corner of building 16-267. NPDES permit # EPA 05A057.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 27+50
West coordinate : 32+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfalls and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
BARIUM, TOTAL	U	CAS	7440-39-3	R03r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Structure constructed.	1951	R05m
•Soil samples collected at outfall.	08/07/85	R02m
•Soil samples collected at outfall.	07/01/86	R03m
•Soil samples collected at outfall.	07/21/86	R04m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

An outfall was identified on Engineering drawing R862 (R01e). The outfall originates from the northwest corner of building 16-267, the structure is listed as a rest house but functions as an in process assembly building (R01i). The associated outfall carries the NPDES permit # of EPA 05A057 and is listed as an HE discharge point (R03r). TA-16-267 was listed as discharging low to moderate amounts of hazardous constituents to the environment (R01m). Soil samples collected at the outfall were analyzed for the presence of TNT, HMX, and RDX. The results indicated that none of the compounds are present in the soil (R02m, R03m, R04m). The outfall was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R862
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : ER Program site photograph
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkinson, WX-3, phone conversation
Author : Roy F. Weston
Date : 07/19/89
Location: Field notebook # 69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Group GMX-3 effluent
Author : Panowski/Salgado
Date : 07/28/71
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Analysis of soil sample for residual explosive from drainage ditches at sumps
Author : Baytos
Date : 08/07/85
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03m
Title : Analysis of soil sample for residual explosive from drainage ditches at sumps
Author : Baytos
Date : 07/01/86
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : Analysis of soil sample for residual explosive from drainage ditches at sumps
Author : Baytos
Date : 07/21/86
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R05m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02r
Title : Cross index of NPDES serial #'s to TA's of discharge
Author : LANL
Date : 04/06/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01a
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #70, ER Program document control system, Roy F. Weston, Albuquerque, NM

Analytical Data

- Reference R01a
Title : Analysis of soil sample for residual explosive from drainage ditches at sumps
Author : Baytos
Date : 08/07/85
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02a
Title : Analysis of soil sample for residual explosive from drainage ditches at sumps
Author : Baytos
Date : 07/01/86
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03a
Title : Analysis of soil sample for residual explosive from drainage ditches at sumps
Author : Baytos
Date : 07/21/86
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R04a
Title : Cross index of NPDES serial #'s TA's of discharge
Author : LANL
Date : 04/06/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW/RW (Outfalls)
6. Release Site Descriptor : TA-16-01-020-0265
7. Installation Identifier : TA-16-5-265
8. Alternative Identifier : Not identified *SWMU 16-003(2)*
9. Site Description :
Outfall from drains on northwest corner of building 16-265. NPDES permit # 05A057.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 25+00
West coordinate : 35+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
VOLATILES	U	ERP	VOL	R01r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-265 constructed.	1951	R03m
•Soil samples collected at outfall.	1985	R02m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

An outfall was identified on Engineering drawing R862 (R01e). The outfall originates from the northwest corner of building 16-265. The structure is listed as a rest house but functions as an in process assembly building (R01i). An H-Division report mentions the use of vythene and chloromaleic anhydride at TA-16-265 (R01r). TA-16-265 was listed as discharging low to moderate amounts of hazardous constituents to the environment (R01m). Soil samples collected at the outfall were analyzed for the presence of TNT, HMX, and RDX. The results indicated that none of the compounds are present in the soil (R02m). The associated outfall carries the NPDES permit # of EPA 05A057 and is listed as an HE discharge point (R03r).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R862
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : ER Program site photograph
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkinson, WX-3, phone conversation
Author : Roy F. Weston
Date : 07/19/89
Location: Field notebook # 69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Group GMX-3 effluent
Author : Panowski/Salgado
Date : 07/28/71
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Analysis of soil sample for residual explosive from drainage ditches at sump
Author : Baytos
Date : 08/07/85
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : H-Division monthly report 09/20 - 10/20
Author : LANL
Date : 1955
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03r
Title : Cross index of NPDES serial #'s to TA's of discharge
Author : LANL
Date : 04/06/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #70, ER Program document control system, Roy F. Weston, Albuquerque, NM

Analytical Data

- Reference R01a
Title : Analysis of soil samples for residual explosives from drainage ditches at sump
Author : Baytos
Date : 08/07/85
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02a
Title : Cross index of NPDES serial #'s TA's of discharge
Author : LANL
Date : 04/06/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-O/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-021-280a
7. Installation Identifier : TA-16-5-280a
8. Alternative Identifier : RFA# 16.057
9. Site Description :
Outfall from northeast side of building 16-280. NPDES permit# EPA 05A061.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 27+50
West coordinate : 42+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfalls and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01r
BARIUM, TOTAL	U	CAS	7440-39-3	R01r
URANIUM, TOTAL	U	CAS	7440-61-1	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-280 constructed.	1951	R03m
•ER Program site reconnaissance visit.	1988	R01s

22. Comments:

An outfall was identified on Engineering Drawing R870 (R01e). The outfall is associated with a drain on the northwest side of building 16-280, HE physical inspection building. A letter from Voelz to Rosen dated 07/09/79 lists the structure as being a low health safety hazard as a result of the use of natural uranium, and D-38 at the facility (R01m). TA-16-280 was listed as discharging low to moderate amounts of contaminant to the environment (R02m). The outfall carries NPDES permit# ERA 05A061 and is listed as a HE outfall (R02r). The outfall was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R870

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

• Reference R01p

Title : ER Program site photographs

Author : Roy F. Weston

Date : 06/23/88-06/26/88

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Letter to Herman Rosen

Author : Voelz

Date : 07/09/79

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : Group GMX-3 Effluents

Author : Panowski/Salgado

Date : 07/28/71

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03m

Title : Eng 7 Structure List

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP - Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02r
Title : Cross Index of NPDES Serial #'s and TA's of Discharge
Author : LANL
Date : 04/06/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03r
Title : LANL RCRA facility assessment
Author : LANL
Date : 08/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 06/23/88-06/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

Analytical Data

- Reference R01a
Title : Cross Index of NPDES Serial #'s and TA's of Discharge
Author : LANL
Date : 04/06/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-022-280b
7. Installation Identifier : TA-16-5-280b
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from northwest side of building 16-280; includes manhole 16-802.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+00
West coordinate : 40+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfalls and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R03m
BARIUM, TOTAL	U	CAS	7440-39-3	R03m
URANIUM, TOTAL	U	CAS	7440-61-1	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-280 constructed.	1951	R03m
•ER Program site reconnaissance visit.	1988	R01s

22. Comments:

An outfall was identified on Engineering Drawing R870 (R01e). The outfall is associated with a drain on the northwest side of building 16-280, HE physical inspection building. A letter from Voelz to Rosen dated 07/09/79 lists the structure as being a low health safety hazard as a result of the use of natural uranium, and D-38 at the facility (R01m). TA-16-280 was listed as discharging low to moderate amounts of contaminant to the environment (R02m). HE is considered a contaminant of concern based on the HE inspection activities performed at the facility. The outfall was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R870
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : ER Program site photographs
Author : Roy F. Weston
Date : 06/23/88-06/26/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Letter to Herman Rosen
Author : Voelz
Date : 07/09/79
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Group GMX-3 Effluents
Author : Panowski/Salgado
Date : 07/28/71
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Eng 7 Structure List
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP - Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02r
Title : Cross Index of NPDES Serial #'s and TA's of Discharge
Author : LANL
Date : 04/06/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03r
Title : LANL RCRA facility assessment
Author : LANL
Date : 08/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 06/23/88-06/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-023-0281
7. Installation Identifier : TA-16-5-281
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from northeast corner of building 16-281, rest house.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 27+50
West coordinate : 27+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
The outfall recieves any condensate from compressors located in an isolated utility room; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfalls and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-281 constructed.	1951	R01m
•ER Program site visit.	1988	R01s

22. Comments:

An outfall was identified on Engineering Drawing R872 (R01e). The outfall is associated with drain on the northeast corner of building 16-281 rest house. The drain receives only condensate from a compressor which is in an isolated utility room. The facility does not have any water utility (R01i). The outfall was not located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R862

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkinson, WX-3, Phone conversation
Author : Roy F. Weston
Date : 07/21/89
Location: Field notebook #69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Eng 7 Structure List
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP - Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 06/23/88-06/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/1-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-024-0225
7. Installation Identifier : TA-16-5-225
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from south side of building 16-225, rest house.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 21+50
West coordinate : 46+50
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information the outfall serves only to drain condensate generated by compressors in an isolated utility room; therefore, no further action is warranted.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-225 constructed.	1952	R01m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

An outfall was identified on Engineering drawing R855 (R01e). The outfall originates from the north side of building 16-225, rest house for HE inspection facility. The outfall serves as a drain for condensate generated by compressors located in an isolated utility room. No water line services the facility (R01i). The outfall was not located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R855

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkinson, WX-3, phone conversation
Author : Roy F. Weston
Date : 07/19/89
Location: Field notebook # 69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW/RW (Outfalls)
6. Release Site Descriptor : TA-16-01-025-224a
7. Installation Identifier : TA-16-5-224a
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from northeast side of building 16-224, X-Ray facility.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 20+00
West coordinate : 47+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
RADIOHUCLIDES	U	ERP	RAD	R01r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-224 constructed.	1952	R01m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

An outfall was identified on Engineering drawing R855 (R01e) and 861 (R01e). The outfall originates from the northeast side of building 16-224, designated as an X-Ray facility for inspecting HE. The outfall was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R855

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02e

Title : ENG - R861

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

• Reference R01p

Title : ER Program site photograph

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : ENG 7 Structure List

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field Notebook #70, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-O/CA-A/1-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-026-224b
7. Installation Identifier : TA-16-5-224b
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from northwest corner of building 16-224, X-Ray facility.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 20+00
West coordinate : 47+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
RADIONUCLIDES	U	ERP	RAD	R01r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-224 constructed.	1952	R01m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

An outfall was identified on Engineering drawing R855 (R01e) and 861 (R01e). The outfall originates from the northeast side of building 16-224, designated as an X-Ray facility for inspecting HE. The outfall was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R855

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02e

Title : ENG - R861

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

• Reference R01p

Title : ER Program site photograph

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field Notebook #70, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-O/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-027-226a
7. Installation Identifier : TA-16-5-226a
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from south side of building 16-226, X-Ray facility.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 15+50
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
RADIONUCLIDES	U	ERP	RAD	R01r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-226 constructed.	1952	R01m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

An outfall was identified on Engineering drawing R855 (R01e) and 856 (R01e). The outfall originates from the south side of building 16-226, designated as an X-Ray facility for inspecting HE. The outfall was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R855

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02e

Title : ENG - R856

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

• Reference R01p

Title : ER Program site photograph

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field Notebook #70, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-O/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-028-226b
7. Installation Identifier : TA-16-5-226b
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from southwest corner of building 16-226.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 15+50
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
RADIONUCLIDES	U	ERP	RAD	R01r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-226 constructed.	1952	R01m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

An outfall was identified on Engineering drawing R855 (R01e) and 856 (R01e). The outfall originates from the south side of building 16-226, designated as an X-Ray facility for inspecting HE. The outfall was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R855

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02e

Title : ENG - R856

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

• Reference R01p

Title : ER Program site photograph

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field Notebook #70, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW/RW (Outfalls)
6. Release Site Descriptor : TA-16-01-029-0223
7. Installation Identifier : TA-16-5-223
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from north side of building 16-223, rest house.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 12+50
West coordinate : 49+50
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information the outfall serves only to drain condensate generated by compressors in an isolated utility room; therefore, no further action is warranted.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-223 constructed.	1952	R01m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

An outfall was identified on Engineering drawing R855 (R01e). The outfall originates from the north side of building 16-223, rest house for X-Ray inspection facility. The outfall serves as a drain for condensate generated by compressors located in an isolated utility room. No water line services the facility (R01i). The outfall was not located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R855

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkinson, WX-3, phone conversation
Author : Roy F. Weston
Date : 07/19/89
Location: Field notebook # 69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-030-0221
7. Installation Identifier : TA-16-5-221
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from drain on northeast side of building 16-221, rest house.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 13+50
West coordinate : 53+50
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
The outfall receives only condensate from compressors in an isolated utility room; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfalls and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-221 constructed.	1951	R01m
•ER Program site reconnaissance visit.	1988	R01s

22. Comments:

An outfall was identified on Engineering Drawing R855 (R01e). The outfall is associated with a drain on the northeast side of building 16-221 rest house. The outfall serves a floor drain which receives condensate from compressors located in an isolated utility room. No water services are available at the site (R01i). The outfall was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R855

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : ER Program site photograph
Author : Roy F. Weston
Date : 06/23/88-06/26/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkinson, WX-3 phone conversation
Author : Roy F. Weston
Date : 07/21/89
Location: Field notebook #69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Eng 7 Structure List
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 06/23/88-06/26/88
Location: Field Notebook #70, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-O/CA-A/1-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-031-220a
7. Installation Identifier : TA-16-5-220a
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from northeast corner of building 16-220, X-ray facility.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 17+50
West coordinate : 52+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfalls and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
RADIONUCLIDES	U	ERP	RAD	R01r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-220 constructed.	1952	R01m
•ER Program site reconnaissance visit.	1988	R01s

22. Comments:

An outfall was identified on Engineering Drawing R855 (R01e). The outfall is associated with a drain on the northeast corner of building 16-220 X-ray building. The outfall was not located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R855

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Eng 7 Structure List

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP - Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 06/23/88-06/26/88

Location: Field Notebook #70, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-032-220b
7. Installation Identifier : TA-16-5-220b
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from southeast side of building 16-220, X-ray facility.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 17+50
West coordinate : 52+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfalls and any associated contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
RADIONUCLIDES	U	ERP	RAD	R01r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-220 constructed.	1952	R01m
•ER Program site reconnaissance visit.	1988	R01s

22. Comments:

An outfall was identified on Engineering Drawing R855 (R01e). The outfall is associated with a drain on the southeast corner of building 16-220 X-ray building. The outfall was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R855

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

• Reference R01p

Title : ER Program site photograph

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Eng 7 Structure List

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 06/23/88-06/26/88

Location: Field Notebook #70, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-033-220c
7. Installation Identifier : TA-16-5-220c
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from east side of building 16-220, X-ray facility.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 17+50
West coordinate : 52+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfalls and any associated contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
RADIONUCLIDES	U	ERP	RAD	R01r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-220 constructed.	1952	R01m
•ER Program site reconnaissance visit.	1988	R01s

22. Comments:

An outfall was identified on Engineering Drawing R855 (R01e). The outfall is associated with a drain on the east side of building 16-220, X-ray building. The outfall was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R855

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : ER Program site photograph
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Eng 7 Structure List
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 06/23/88-06/26/88
Location: Field Notebook #70, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-034-220d
7. Installation Identifier : TA-16-5-220d
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from building 16-220, radiography facility. NPDES permit # EPA 04A070.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 17+50
West coordinate : 52+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall, drainline and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
RADIONUCLIDES	U	ERP	RAD	R01s

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-220 constructed.	1952	R01m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

Outfall identified during the ER Program site investigation (R01s) The outfall is associated with the building 16-220, X-Ray facility. The outfall carries permit # EPA 04A070 is listed as discharging non contact cooling water (R01r). At this time it is not known if this drain was ever used for another purpose.

23. Information Resources

Photographs

- Reference R01p
Title : ER Program site photograph
Author : Roy F. Weston
Date : 08/23/88-08/28/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : ENG 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : Cross Index of NPDES Serial #'s and TA's of Discharge
Author : LANL
Date : 04/06/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/28/88
Location: Field Notebook #70, ER Program document control system, Roy F. Weston, Albuquerque, NM

Analytical Data

- Reference R01a
Title : Cross Index of NPDES Serial #'s and TA's of Discharge
Author : LANL
Date : 04/06/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02a

Title : Radiation survey with micro R and beta/gamma detector

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-035-220e
7. Installation Identifier : TA-16-5-220e
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from building 16-220. NPDES permit # EPA 04A070.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 17+50
West coordinate : 52+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall, drainline and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
RADIONUCLIDES	U	ERP	RAD	R01s

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-220 constructed.	1952	R01m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

Outfall identified during the ER Program site investigation (R01s) The outfall is associated with the building 16-220, X-Ray facility. The outfall carries permit # EPA 04A070 is listed as discharging non contact cooling water (R01r). At this time it is not known if this drain was ever used for another purpose.

23. Information Resources

Photographs

• Reference R01p

Title : ER Program site photograph

Author : Roy F. Weston

Date : 08/23/88-08/28/88

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : Cross Index of NPDES Serial #'s and TA's of Discharge

Author : LANL

Date : 04/06/88

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 08/23/88-08/28/88

Location: Field Notebook #70, ER Program document control system, Roy F. Weston, Albuquerque, NM

Analytical Data

• Reference R01a

Title : Cross Index of NPDES Serial #'s and TA's of Discharge

Author : LANL

Date : 04/06/88

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02a

Title : Radiation survey with micro R and beta/gamma detector

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-O/CA-A/1-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-036-220f
7. Installation Identifier : TA-16-5-220f
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from building 16-220 X-Ray inspection facility. NPDES permit # EPA 04A070.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 17+50
West coordinate : 52+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall, drainline and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
RADIONUCLIDES	U	ERP	RAD	R01s

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-220 constructed.	1952	R01m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

Outfall identified during the ER Program site investigation (R01s) The outfall is associated with the building 16-220, X-Ray facility. The outfall carries permit # EPA 04A070 is listed as discharging non contact cooling water (R01r). At this time it is not known if this drain was ever used for another purpose.

23. Information Resources

Photographs

• Reference R01p

Title : ER Program site photograph

Author : Roy F. Weston

Date : 08/23/88-08/28/88

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : Cross Index of NPDES Serial #'s and TA's of Discharge

Author : LANL

Date : 04/06/88

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 08/23/88-08/28/88

Location: Field Notebook #70, ER Program document control system, Roy F. Weston, Albuquerque, NM

Analytical Data

• Reference R01a

Title : Cross Index of NPDES Serial #'s and TA's of Discharge

Author : LANL

Date : 04/06/88

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02a

Title : Radiation survey with micro R and beta/gamma detector

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-O/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-040-0093
7. Installation Identifier : TA-16-5-93
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from southeast and northwest corners of building 16-93. Drain pipes meet in a single outfall. Drain from northwest corner of building 16-92 also meets with the single outfall. All three outfalls originate at HE sumps.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 26+50
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R04m
BARIUM, TOTAL	U	CAS	7440-39-3	R04m
GROSS BETA	U	ERP	1BETA	R06m
CYANIDE	U	CAS	57-12-5	R07m
METALS	U	ERP	METLS	R07m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
TA-16-226 constructed.	1952	R08m

22. Comments:

An outfall was identified on Engineering drawing R861 (R01e). The outfall serves three drain lines originating on the northeast and southeast corners of building 16-93 and northwest corner of building 16-92. TA-16-93 was initially used for machining HE but was later used as an electroplating shop. The industrial waste system consists of a sump and associated drain lines. The building was considered contaminated with HE (R04m) and toxic and chemical contamination from electroplating work (R07m). The building was found to be free of radioactive contamination (R05m); however, trace levels of beta emitters were found in water samples taken from a pond west of the site which receives effluent from TA-16-89 thru 93 (R06m). Building TA-16-92 functioned as an HE processing facility.

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R861
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : S-site demo. and rest. proj. to remove potential expl. hazards
Author : Tharp
Date : 02/11/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : S-site demo. and rest. proj. to remove potential expl. hazards
Author : Brooks
Date : 02/11/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Contamination survey: buildings and structures, TA-16
Author : Eng Dept
Date : 02/26/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : Contamination survey: buildings and structures, TA-16
Author : Courtright
Date : 03/03/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R05m
Title : Contamination survey: buildings and structures, TA-16
Author : Buckland
Date : 03/04/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R06m
Title : Contamination survey: buildings and structures, TA-16
Author : Kennedy
Date : 03/09/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R07m
Title : Contamination survey: buildings and structures, TA-16
Author : Mitchell
Date : 03/18/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R08m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-O/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-041-0092
7. Installation Identifier : TA-16-5-92
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from drain on east corner of building 16-92, former HE processing facility.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 26+00
West coordinate : 48+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfalls and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m
GROSS BETA	U	ERP	IBETA	R02m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1950	R04m
•ER Program site reconnaissance visit	1988	R01s

22. Comments:

An outfall was identified on Engineering Drawing R861 (R01e). The outfall is associated with a drain on the east corner of building 16-92 inspection building. HE is the considered the contaminant of primary concern based on past activities conducted at the site (R01m). A pond which received effluent from 16-89 thru 93 was found to have a trace of gross beta present (R02m). TA-16-92 was listed as discharging small to moderate amounts of contaminant to the environment (R03m). The outfall was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R861
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : ER Program site photograph
Author : Roy F. Weston
Date : 06/23/88-06/26/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : S-Site Demolition and Restoration Project to Remove Potential Explosive Hazards
Author : Thrap
Date : 02/11/70
Location: Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Contaminated Survey: Buildings and Structure, TA-16
Author : Kennedy
Date : 03/09/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Group GMS-3 Effluents
Author : Panowski/Salgado
Date : 07/28/71
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : Eng 7 Structure List
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 06/23/88-06/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-042-0091
7. Installation Identifier : TA-16-5-91
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from drains on east and southeast corners of building 16-91, former HE processing facility.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 27+00
West coordinate : 47+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfalls and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m
GROSS BETA	U	ERP	IBETA	R02m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1950	R03M

22. Comments:

An outfall was identified on Engineering Drawing R861 (R01e). The outfall is associated with a drains on the east and southeast corner of building 16-91 process building. A pond which received effluent from 16-89 thru 93 was found to have a trace of gross beta present (R02m). HE is considered a contaminant of concern based on past activities conducted at the site (R01m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R861

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : S-Site Demolition and Restoration Project to Remove Potential Explosive Hazards

Author : Thrap

Date : 02/11/79

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : Contaminated Survey: Buildings and Structure, TA-16

Author : Kennedy

Date : 03/09/70

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03m

Title : Eng 7 Structure List

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP - Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/1-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-043-090b
7. Installation Identifier : TA-16-5-90b
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from northeast corner of building 16-90, former HE processing facility.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 28+50
West coordinate : 46+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfalls and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m
GROSS BETA	U	ERP	IBETA	R02m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1950	R03m

22. Comments:

An outfall was identified on Engineering Drawing R861 (R01e). The outfall is associated with a drains on the northeast corner of building 16-90 process building. A pond which received effluent from 16-89 thru 93 was found to have a trace of gross beta present (R02m). HE is considered a contaminant of concern based on past activities conducted at the site (R01m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R861
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : S-Site Demolition and Restoration Project to Remove Potential Explosive Hazards
Author : Thrap
Date : 02/11/79
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Contaminated Survey: Buildings and Structure, TA-16
Author : Kennedy
Date : 03/09/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Eng 7 Structure List
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP - Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-044-090a
7. Installation Identifier : TA-16-5-90a
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from southeast corners of building 16-90, former HE processing facility.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 28+50
West coordinate : 46+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfalls and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m
GROSS BETA	U	ERP	IBETA	R02m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1950	R03m

22. Comments:

An outfall was identified on Engineering Drawing R861 (R01e). The outfall is associated with a drains on the southeast corner of building 16-90 process building. A pond which received effluent from 16-89 thru 93 was found to have a trace of gross beta present (R02m). HE is considered a contaminant of concern based on past activities conducted at the site (R01m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R861
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : S-Site Demolition and Restoration Project to Remove Potential Explosive Hazards
Author : Thrap
Date : 02/11/79
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Contaminated Survey: Buildings and Structure, TA-16
Author : Kennedy
Date : 03/09/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Eng 7 Structure List
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP - Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-045-089b
7. Installation Identifier : TA-16-5-89b
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from northeast corner of building 16-89, former HE processing facility.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+00
West coordinate : 44+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfalls and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m
GROSS BETA	U	ERP	IBETA	R02m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1950	R03m

22. Comments:

An outfall was identified on Engineering Drawing R861 (R01e) and 870 (R02e). The outfall is associated with a drains on the northeast corner of building 16-90 process building. A pond which received effluent from 16-89 thru 93 was found to have a trace of gross beta present (R02m). HE is considered a contaminant of concern based on past activities conducted at the site (R01m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R861
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : S-Site Demolition and Restoration Project to Remove Potential Explosive Hazards
Author : Thrap
Date : 02/11/79
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Contaminated Survey: Buildings and Structure, TA-16
Author : Kennedy
Date : 03/09/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Eng 7 Structure List
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP - Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-O/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-046-089a
7. Installation Identifier : TA-16-5-89a
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from southeast corner of building 16-89, former HE processing facility.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+50
West coordinate : 44+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfalls and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m
GROSS BETA	U	ERP	IBETA	R02m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1950	R03m

22. Comments:

An outfall was identified on Engineering Drawing R861 (R01e) and 870 (R02e). The outfall is associated with a drains on the northeast corner of building 16-90 process building. A pond which received effluent from 16-89 thru 93 was found to have a trace of gross beta present (R02m). HE is considered a contaminant of concern based on past activities conducted at the site (R01m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R861
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : S-Site Demolition and Restoration Project to Remove Potential Explosive Hazards
Author : Thrap
Date : 02/11/79
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Contaminated Survey: Buildings and Structure, TA-16
Author : Kennedy
Date : 03/09/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Eng 7 Structure List
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP - Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-047-0098
7. Installation Identifier : TA-16-5-98
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from building 16-95, 96, 97, and 98, former HE machining facilities.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 33+50
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfalls and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Facility constructed	1948	R02m
•Facility removed	1960	R02m

22. Comments:

An outfall was identified on Engineering Drawing R870 (R01e). The outfall is associated with drains on the east side of building 16-97, north side of building 16-96, west side of building 16-95, and west side of building 16-98, all former HE machining buildings. Each building has an associated sump from which the drain line discharges. HE is considered the contaminant of primary concern. The buildings were removed in 1960; however, the sumps and lines are not noted as removed (R02m). The structures are listed as being contaminated with HE prior to their removal (R01m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R870
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Return of Laboratory Structure
Author : Eng. Dept.
Date : 10/02/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Eng 7 Structure List
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP - Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-048-0099
7. Installation Identifier : TA-16-5-99
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from HE sumps at buidling 16-99, HE processing facility.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+00
West coordinate : 52+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated futher as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfalls and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•IA-16-99 constructed.	1949	R02m

22. Comments:

An outfall was identified on Engineering Drawing R860 and 861 (R01e,R02e) The outfall is associated with a drain on the south corner of building 16-99 former HE process facility. The sump is suspected to be contaminated with HE (R01m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R860

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02e

Title : ENG - R861

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : S-Site Demolition and Restoration Project to Remove Potential Explosive Hazards

Author : Thrap

Date : 02/11/70

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : Eng 7 Structure List

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP - Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-049-027a
7. Installation Identifier : TA-16-5-27a
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from two drains on south side of building 16-27, former HE melting and casing facility.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 51+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfalls and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-26 constructed	1945	R04m
•ER Program site visit	1988	R01s

22. Comments:

An outfall was identified on Engineering drawing R869 (R01e). The outfall is associated with two drains on the south side of building 16-27, former HE melting and casting building. The structure was found to be free of radioactive and toxic contamination (R02m, R03m) but was found to be contaminated with HE (R01m). The outfall was located during the ER Program site reconnaissance (R01s). The structure was noted to be used for storage.

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R869
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : ER Program site photograph
Author : Roy F. Weston
Date : 06/23/88-06/26/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Contamination Survey: Buildings and Structures, TA-16
Author : Courtright
Date : 03/03/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Contamination Survey: Buildings and Structures, TA-16
Author : Buckland
Date : 03/04/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Contamination Survey: Buildings and Structures, TA-16
Author : Mitchell
Date : 03/18/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : Eng 7 Structure List
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP - Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 06/23/88-06/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-050-027b
7. Installation Identifier : TA-16-5-27b
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from two drains on north side of building 16-27, former HE casting and melting facility.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 51+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfalls and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-26 constructed.	1945	R04m
•ER Program site visit.	1988	R01s

22. Comments:

An outfall was identified on Engineering drawing R869 (R01e). The outfall is associated with two drains on the south side of building 16-27, former HE melting and casting building. The structure was found to be free of radioactive and toxic contamination (R02m, R03m) but was found to be contaminated with HE (R01m). The outfall was located during the ER Program site reconnaissance (R01s). The structure was noted to be used for storage.

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R869
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Contamination Survey: Buildings and Structures, TA-16
Author : Courtwright
Date : 03/03/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Contamination Survey: Buildings and Structures, TA-16
Author : Buckland
Date : 03/04/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Contamination Survey: Buildings and Structures, TA-16
Author : Mitchell
Date : 03/18/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : Eng-7 Structure List
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP - Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 06/23/88-06/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-051-027c
7. Installation Identifier : TA-16-5-27c
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from building 16-27, former HE casting and melting facility.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 51+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfalls and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-27 constructed.	1945	R04m
•ER Program site visit.	1988	R01s

22. Comments:

An outfall was identified during the ER Program field reconnaissance (R01s). The outfall is associated with a drain from building 16-27 former HE melting and casting building. The structure was found to be free of radioactive and toxic contamination (R02m, R03m) but was found to be contaminated with HE (R01m). The structure is currently used for storage.

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R869
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Contamination Survey: Buildings and Structures, TA-16
Author : Courtright
Date : 03/03/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Contamination Survey: Buildings and Structures, TA-16
Author : Buckland
Date : 03/04/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Contamination Survey: Buildings and Structures, TA-16
Author : Mitchell
Date : 03/18/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : Eng 7 Structure List
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP - Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 06/23/88-06/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/1-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-052-0177
7. Installation Identifier : TA-16-5-177
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from septic tank 16-177 serving building 16-027, former HE casting facility.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 36+50
West coordinate : 51+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall and any associated soil contamination.

15. Potential Pathways : Soil to surface water, Soil to air, Soil to biota, Soil to vadose zone, Surface water to biota

16. Generic Waste Type : Haz

17. EPA Waste Characteristics : Explosive, Reactive

18. EPA Waste Types : Other organic chemicals

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	V	ERP	HE	R05m
BARIIUM, TOTAL	U	CAS	7440-39-3	R05m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Septic tank constructed.	1945	R06m
•Septic tank removed.	1968	R06m
•Contamination survey.	1970	R04m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

An outfall was identified on Engineering drawing R869 (R01e). The outfall originating from the septic tank serving building 16-027, melting and casting building. The building remains but is only used for storage. The possibility exists that industrial waste may have entered the sanitary sewer system by accident. TA-16-177 was found free of radioactive and toxic contamination but to be contaminated with HE (R02m, R04m). No sign of the tank or lines was noted during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R869
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : ER Program site photograph
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : S-site demo. and rest. proj. to removed potential explos. hazards.
Author : THARP
Date : 02/11/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Contamination survey: Buildings and structures survey, TA-16
Author : Buckland
Date : 03/04/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Contamination survey: Buildings and structures survey, TA-16
Author : Kennedy
Date : 03/09/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : Contamination survey: Buildings and structures survey, TA-16
Author : Mitchell
Date : 03/18/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R05m
Title : Contamination survey: Buildings and structures survey, TA-16
Author : Courtright
Date : 03/03/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R06m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #70, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-0/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-053-0026
7. Installation Identifier : TA-16-5-26
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from north corner of bldg. 16-26, former HE process building.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 37+00
West coordinate : 54+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfalls and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-26 constructed	1945	R02m
•TA-16-26 removed	1968	R02m

22. Comments:

An outfall was identified on Engineering Drawing R869 (R01e). The outfall is associated with a drain on the north side of building 16-26, former HE process building. HE is considered the contaminant of primary concern. TA-16-26 was removed along with its associated sump and drain lines in 1968 (R02m). The building was listed as having handled HE.

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R869

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Structures Removed from TA-16

Author : Blackwell

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP - Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02r

Title : Eng 7 Structure List

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-O/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-055-0028
7. Installation Identifier : TA-16-5-28
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from former cooling tower 16-28.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall, drain lines and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Cooling tower constructed.	1945	R02m
•Cooling tower removed.	1968	R02m

22. Comments:

The outfall originates from a former cooling tower 16-28. The tower, sump and drain was removed in 1968 (R02m). TA-16-28 is listed as not having handled, stored, or used any hazardous materials in the past (R01m). The drains are not shown on any engineering drawings. It is unknown at this time if any hazardous chemicals were ever added to cooling water to inhibit scale or algae growth.

23. Information Resources

Memos

• Reference R01m

Title : Structure removed from TA-16

Author : Blackwell

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : ENG 7 Structures list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-16-5-0/CA-A/I-HW/RW (Outfalls)
6. Release Site Descriptor : TA-16-01-056-0025
7. Installation Identifier : TA-16-5-25
8. Alternative Identifier : Not identified
9. Site Description :
Outfall originating from building 16-25. The outfall drains directly from a HE sump.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 55+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a remedial investigation scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall, drainline and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R03m
BARIIUM, TOTAL	U	CAS	7440-39-3	R03m
METALS	U	ERP	METLS	R01r
CYANIDE AMENABLE TO CHLORINATION	U	ERP	ICNAM	R01r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-25 constructed.		R01m
•TA-16-25 removed.		R01m

22. Comments:

A sump and industrial drain was identified from two memos. The waste system was noted to have been associated with TA-16-25, a former HE processing building. The building was noted to have been contaminated with HE (R03m). The building was also found to have HE in cracks in the floor and on the ground under the deteriorating floor (R02m). It has been noted that removal of the sump and drain was not completed along with the removal of TA-16-25 (R01m). It is uncertain if the job was completed at a later time. A drainage area near S 40, W 55 was noted to be HE contaminated as a result of the outfall (R03m). The building also was used in electroplating operation which utilized cyanide and sodium hydroxide in the operation (R01r).

23. Information Resources

Memos

- Reference R01m
Title : Eng 7 Structure List
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02m
Title : Future of S-Site
Author : Kistiakowsky
Date : 10/04/45
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03m
Title : Radiation Clearance of Old "S" and "T" Site Buildings
Author : Buckland
Date : 08/15/57
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R04m
Title : S-Site demolition and restoration project to remove potential explosive hazards
Author : Thrap
Date : 02/11/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R05m
Title : Structures Removed from IA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : H-Division Monthly Report 07/20-08/20
Author : LANL
Date : 1950
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-16-5-0/CA-A/1-HW/RW (Outfalls)
6. Release Site Descriptor : TA-16-01-057-0024
7. Installation Identifier : TA-16-5-24
8. Alternative Identifier : Not identified
9. Site Description :
Outfall originating from building 16-24. The outfall drains directly from a HE sump.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 55+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a remedial investigation scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall, drainline and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R02m
BARIIUM, TOTAL	U	CAS	7440-39-3	R02m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Laboratory constructed.	1946	R01m
•Laboratory removed.	1968	R01m

22. Comments:

An outfall was identified as being associated with TA-16-24, a former analytical laboratory and to have been removed with the building in 1968 (R01m). The associated building was listed as having used HE (R02m).

23. Information Resources

Memos

• Reference R01m

Title : Eng 7 Structure List

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : Structures Removed from TA-16

Author : Blackwell

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-16-5-0/CA-A/I-HW/RW (Outfalls)
6. Release Site Descriptor : TA-16-01-058-0148
7. Installation Identifier : TA-16-5-148
8. Alternative Identifier : Not identified
9. Site Description :
Outfall originating from building 16-148. The outfall drains directly from a HE sump.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 55+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a remedial investigation scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall, drainline and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R03m
BARIUM, TOTAL	U	CAS	7440-39-3	R03m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-148 constructed.	1950	R01m
•TA-16-148 removed.	1968	R01m

22. Comments:

An outfall was identified as being associated with TA-16-148, a former storage building and to have been removed with the building in 1968 (R01m). The associated building was listed as having stored HE (R03m), while being free of radioactive contamination (R02m).

23. Information Resources

Memos

• Reference R01m

Title : Eng 7 Structure List

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : Radiation Health Clearance of Surplus Laboratory Structures

Author : Blackwell

Date : 04/30/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03m

Title : Structures Removed from TA-16

Author : Blackwell

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-5-O/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-16-01-059-0262
7. Installation Identifier : TA-16-5-262
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from cooling tower 16-262, located near TA-16-260.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 20+00
West coordinate : 35+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-262 constructed.	1946	R01m
•TA-16-262 removed.	1957	R01m

22. Comments:

A outfall originates from the cooling tower 16-262. The primary contaminants of concern stem from possible chemicals used in the water to inhibit scale or algae growth; however, no such use of chemicals have been documented. The tower was removed in 1957. There is no indication that the industrial waste system was removed along with the structure (R01m).

23. Information Resources

Memos

• Reference R01m

Title : Eng 7 Structures list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-8-ST-A/I-HW/RW (Septic Tanks)
6. Release Site Descriptor : TA-16-02-001-0173
7. Installation Identifier : TA-16-8-0173
8. Alternative Identifier : SWMU# 16-006a
9. Site Description :
Septic system serving building 16-162, latrine. System includes tank and drain line.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 24+50
West coordinate : 47+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
based on available information no hazardous materials have ever been used at the site which the septic system serves; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Septic tank and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Septic tank constructed.	1949	R02m
•Septic tank removed.	1971	R02m

22. Comments:

Engineering drawing R861 (R01e) indicates the presence of a sanitary septic system serving TA-16-162, a latrine. The system was found to include a septic tank, and the associated drain lines. The tank has a capacity of 600 gal. and was abandoned in 1971 (R02m). In a memo by Blackwell TA-16-162 is listed as not having housed operations using hazardous substance (R01m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R861

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02e

Title : ENG - R5111 Revision 21

Author : LANL

Date : 08/12/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Structures remove from TA-16

Author : BLACKWELL

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : ENG 7 Structure list

Author : LANL

Date : Unkown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 1987

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02r

Title : SWMU Report

Author : LANL

Date : 1988

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-8-ST-A/I-HW/RW (Septic tanks)
6. Release Site Descriptor : TA-16-02-003-0177
7. Installation Identifier : TA-16-8-0177
8. Alternative Identifier : SWMU# 16-005d
9. Site Description :
Septic system serving building 16-27, former HE melting and casting building.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 36+50
West coordinate : 51+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Septic tank and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R02m
BARIIUM, TOTAL	U	CAS	7440-39-3	R02m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Septic tank installed.	1945	R05m
•Septic tank removed.	1968	R05m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

Engineering drawing R869 (R013e) indicates the presence of a sanitary septic system serving TA-16-27, former HE melting and casting building. The system was found to include a septic tank, associated drain lines, an outfall. The tank was constructed in 1945, removed in 1968, and was 10' x 6' x 4.6' in size (R05m). The possibility exists for industrial wastes to enter the sanitary septic system by accident. TA-16-27 was found to be free of radiation and toxic contamination (R03m, R04m) but was found to be contaminated with HE (R02m). The tank itself was found to be free of radioactive contamination prior to its removal (R01m). The tank was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R869
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : ER Program site photograph
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Radioactive contamination survey; S-site structures, TA-16
Author : Buckland
Date : 07/10/67
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Contamination survey; Buildings and structures, TA-16
Author : Courtright
Date : 03/03/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Contamination survey; Buildings and structures, TA-16
Author : Buckland
Date : 03/04/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : Contamination survey; Buildings and structures, TA-16
Author : Mitchell
Date : 03/18/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R05m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 1987

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02r

Title : SWMU Report

Author : LANL

Date : 1988

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site reconnaissance

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-3-SI-A/I-HW (Ponds)
6. Release Site Descriptor : TA-16-05-001-089a
7. Installation Identifier : TA-16-3-89a
8. Alternative Identifier : SWMU# 16-008a,RFA# 16.005
9. Site Description :
A former 100' x 250' unlined pond which received effluent from bldgs 89, 90, 91 and possibly 92 and 93, including any residual soil contamination.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 27+50
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Pond and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
CYANIDE AMENABLE TO CHLORINATION	U	ERP	ICNAM	R01r
METALS	U	ERP	METLS	R01r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Soil sampling in pond area.	1986	R01m

22. Comments:

An inactive pond received liquid waste from HE machining buildings TA-12-89, -90, and -91. ENG - R861 (R01e) shows drains from 92 HE processing building and 93 an electroplating facility draining to the north. Whether there was a pond here to collect plating wastes is not known. The employee remembers that a drainage ditch from 92 or 93 may have connected to the inactive pond. The pond has been inactive for 30 years (R01r). Soil from the pond area was recently sampled, with negative results for high explosive and barium (R01m). Chemicals associated with plating wastes were not included in the analysis (R01m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R861

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Analyses of soil for residual explosive from core samples taken at pond at TA-16-92

Author : Baytos

Date : 10/08/86

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02r

Title : SWMU report

Author : LANL

Date : 1988

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Analytical Data

• Reference R01a

Title : Analyses of soil for residual explosive from core samples taken at pond at TA-16-92

Author : Baytos

Date : 10/08/86

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-3-S1-A/I-HW (Ponds)
6. Release Site Descriptor : TA-16-05-002-031a
7. Installation Identifier : TA-16-3-31a
8. Alternative Identifier : SWMU# 16-007, RFA# 16.001
9. Site Description :
Impoundment associated with building 31. Site includes pond, line, drain in building 31, and any associated soil contamination.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+00
West coordinate : 47+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Ponds and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01r
BARIUM, TOTAL	U	CAS	7440-39-3	R01r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•He removed and ponds filled in	1967	R01r

22. Comments:

In considering ponds that may have contained high explosive, ENG - R134 (R01e) indicates four ponds to the northeast of TA-16-30, 31, 32, 33, 34. The 1940's aerial photo (R01p) shows that these ponds are full of liquid. Engineering drawings ENG - R861, R869, and R870 indicate that drains from explosives machining buildings 31, 32, and 33, drained into the ponds. A Laboratory employee who supervised the removal of the pond areas remembers that the ponds were contaminated with high explosives. The high explosives were removed before the ponds were filled and the area graded. It appears that barium levels may not have been determined at the time of decommissioning (R01r).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R134 Revision 7
Author : LANL
Date : 09/01/55
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02e
Title : ENG - R861
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : Areal Photos
Author : LANL
Date : 1940's
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02r
Title : SWMU report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03r
Title : LANL RCRA facility assignment
Author : LANL
Date : 08/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-3-SI-A/I-HW (Ponds)
6. Release Site Descriptor : TA-16-05-003-031b
7. Installation Identifier : TA-16-3-31b
8. Alternative Identifier : SWMU# 16-007, RFA# 16-002
9. Site Description :
Impoundment receiving effluent from buildings 31 and 32. Site includes pond, line, drain from the buildings, and any associated soil contamination.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+00
West coordinate : 47+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Ponds and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01r
BARIUM, TOTAL	U	CAS	7440-39-3	R01r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•HE removed and ponds filled in.	1967	R01r

22. Comments:

In considering ponds that may have contained high explosive, ENG - R134 (R01e) indicates four ponds to the northeast of TA-16-30, 31, 32, 33, 34. The 1940's aerial photo (R01p) shows that these ponds are full of liquid. Engineering drawings ENG - R861, R869, and R870 indicate that drains from explosives machining buildings 31, 32, and 33, drained into the ponds. A Laboratory employee who supervised the removal of the pond areas remembers that the ponds were contaminated with high explosives. The high explosives were removed before the ponds were filled and the area graded. It appears that barium levels may not have been determined at the time of decommissioning (R01r).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R134 Revision 7

Author : LANL

Date : 09/01/55

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02e

Title : ENG - R861

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

• Reference R01p

Title : Aerial Photos

Author : LANL

Date : 1940's

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02r

Title : SAMU report

Author : LANL

Date : 1988

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03r

Title : LANL RCRA facility assignment

Author : LANL

Date : 08/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-3-SI-A/I-HW (Ponds)
6. Release Site Descriptor : TA-16-05-004-0032
7. Installation Identifier : TA-16-3-32
8. Alternative Identifier : SWMU# 16-007, RFA# 16.003
9. Site Description :
Impoundment that receives effluent from buildings 32 and 33. Site includes pond, line, drain from the buildings, an any associated soil contamination.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+00
West coordinate : 47+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated futher as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Ponds and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01r
BARIUM, TOTAL	U	CAS	7440-39-3	R01r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•HE removed and ponds filled in.	1967	R01r

22. Comments:

In considering ponds that may have contained high explosive, ENG - R134 (R01e) indicates four ponds to the northeast of TA-16-30, 31, 32, 33, 34. The 1940's aerial photo (R01p) shows that these ponds are full of liquid. Engineering drawings ENG - R861, R869, and R870 indicate that drains from explosives machining buildings 31, 32, and 33, drained into the ponds. A Laboratory employee who supervised the removal of the pond areas remembers that the ponds were contaminated with high explosives. The high explosives were removed before the ponds were filled and the area graded. It appears that barium levels may not have been determined at the time of decommissioning (R01r).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R134 Revision 7
Author : LANL
Date : 09/01/55
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02e
Title : ENG - R861
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : Areal Photos
Author : LANL
Date : 1940's
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02r
Title : SWMU report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03r
Title : LANL RCRA facility assignment
Author : LANL
Date : 08/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-3-SI-A/I-HW (Ponds)
6. Release Site Descriptor : TA-16-05-005-0033
7. Installation Identifier : TA-16-3-33
8. Alternative Identifier : SWMU# 16-007, RFA# 16.004
9. Site Description :
Impoundment that receives effluent from building 16-33. Site includes pond, line, drain from building 16-33, and any associated soil contaminatio.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+00
West coordinate : 47+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated futher as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Ponds and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01r
BARIIUM, TOTAL	U	CAS	7440-39-3	R01r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•HE removed and ponds filled in.	1967	R01r

22. Comments:

In considering ponds that may have contained high explosive, ENG - R134 (R01e) indicates four ponds to the northeast of TA-16-30, 31, 32, 33, 34. The 1940's aerial photo (R01p) shows that these ponds are full of liquid. Engineering drawings ENG - R861, R869, and R870 indicate that drains from explosives machining buildings 31, 32, and 33, drained into the ponds. A Laboratory employee who supervised the removal of the pond areas remembers that the ponds were contaminated with high explosives. The high explosives were removed before the ponds were filled and the area graded. It appears that barium levels may not have been determined at the time of decommissioning (R01r).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R134 Revision 7
Author : LANL
Date : 09/01/55
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02e
Title : ENG - R861
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : Areal Photos
Author : LANL
Date : 1940's
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02r
Title : SWMU report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03r
Title : LANL RCRA facility assignment
Author : LANL
Date : 08/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-3-SI-A/I-HW (Ponds)
6. Release Site Descriptor : TA-16-05-006-089b
7. Installation Identifier : TA-16-3-89b
8. Alternative Identifier : RFA# 16.006
9. Site Description :
Former impoundment which received effluent from buildings 89, 90, and 91. Includes pond, line, drains, and any associated soil contamination.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+00
West coordinate : 42+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Ponds and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01r
BARIUM, TOTAL	U	CAS	7440-39-3	R01r
CYANIDE AMENABLE TO CHLORINATION	U	ERP	ICNAM	R01r
METALS	U	ERP	METLS	R01r
GROSS BETA ACTIVITY	U	ERP	GRBETA	R01m

20. Waste Quantities : Not identified

21. Chronological Events: Not identified

22. Comments:

In 1970 it was reported that the floor drains in buildings TA-16-89 through -93 emptied into a small earth tank/pond west of the buildings. A sample of water collected contained no detectable gross alpha emitters and only a trace of gross beta emitters (R01m). This pond is no longer in place, and data on its decommissioning have not yet been obtained (R01r). Buildings 89-92 functioned as HE machining facilities while TA-16-93 housed electroplating processes. An additional pond has also been located to the northeast of the same structure. Some uncertainty as to where the drainage from the different facilities discharged has been noted.

16-008(a), v. TSK 13 Rcd 247

23. Information Resources

Memos

- ✓ • Reference R01m
Title : Contamination survey: buildings and structures, TA-16
Author : Kennedy
Date : 03/09/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02r
Title : LANL RCRA facility assignment
Author : LANL
Date : 08/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-I-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-08-001-0262
7. Installation Identifier : TA-16-08-262 *AOE C-16-002*
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former cooling tower; removed 1957.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 20+00
West coordinate : 35+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Available information indicates that no hazardous materials have ever been used, handled, or stored at this site; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Control tower and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1945	R02m
•Building removed	1958	R02m

22. Comments:

Construction at TA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed(R01r). The structure is listed as not having used, handled, or stored any hazardous materials (R01m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R134 Revision 5

Author : LANL

Date : 06/05/53

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-1-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-08-002-0162
7. Installation Identifier : TA-16-01-162
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former latrine; removed 1971.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has been surveyed
South coordinate : 25+00
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Available information indicates that no hazardous materials have ever been used, handled, or stored at this site; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Latrine and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1945	R02m
•Building removed	1958	R02m

22. Comments:

Construction at TA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed(R01r). The structure is listed as not having used, handled, or stored any hazardous materials (R01m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R134 Revision 5

Author : LANL

Date : 06/05/53

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Structures removed from TA-16

Author : Blackwell

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-I-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-08-007-0039
7. Installation Identifier : TA-16-01-39
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former radiograph building; removed 1960. Its former location was approximately 50 ft west of TA-16-93.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has been surveyed
South coordinate : 27+50
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on negative results obtained from a final radiation survey performed prior to the removal of the structure, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Building and any residual soil contamination

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1944	R07m
•Structure found to have radioactive contamination	1957	R01m
•Found to be free of radioactive and toxic contamination	1959	R05m
•Building removed	1966	R07m

22. Comments:

Construction at IA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed by burning in the 1950's and 1960's. Noncombustible materials were disposed of at Mesita Del Buey or in the canyon north of the burning ground (R01r). Prior to the removal of the structure a radiation survey was performed which yielded the following results. Source cartridge carrier 10 mr/hr (C060), and spot on floor - 1 mr/hr (C060)(R01m). The site was cleaned up and resurveyed in 1966 and determined to be free of any radioactive contamination (R05m). Listings of hazardous materials used in conjunction with the building are given in Blackwell 1983 (R06m). Engineering records also indicate the structure was at one time equipped with a lead lined pit in the floor (R07m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R134 Revision 7
Author : LANL
Date : 09/01/55
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Radiation Health Clearance of Old "S" and "T" Site Buildings
Author : Buckland
Date : 08/15/57
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Return of Laboratory Structures
Author : Engineering Dept.
Date : 10/02/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Demolition of Buildings by Burning
Author : Wingfield
Date : 05/27/60
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : Demolition of Buildings by Fire
Author : Wingfield
Date : 01/29/60
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R05m
Title : Monitoring Results from Survey of Concrete Pads and Debris Following Burning of Superstructures
Author : Buckland
Date : 07/18/66
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R06m

Title : Structures removed from TA-16

Author : Blackwell

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R07m

Title : ENG 7 Structure List

Author : LANL

Date : 1958

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-1-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-08-008-0040
7. Installation Identifier : TA-16-01-40
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former radiograph building; removed 1960. Former location was approximately 50 ft west of TA-16-93.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 27+50
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on negative results obtained from a final radiation survey performed prior to the removal of the structure, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Building and any residual soil contamination

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1944	R07m
•Structure found to have radioactive contamination	1957	R01m
•Found to be free of radioactive and toxic contamination	1959	R05m
•Building removed	1966	R07m

22. Comments:

Construction at TA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed by burning in the 1950's and 1960's. Noncombustible materials were disposed of at Mesita Del Buey or in the canyon north of the burning ground (R01r). Prior to the removal of the structure a radiation survey was performed which yielded the following results. Source cartridge carrier 10 mr/hr (C060), and spot on floor - 1 mr/hr (C060)(R01m). The site was cleaned up and resurveyed in 1966 and determined to be free of any radioactive contamination (R05m). Listings of hazardous materials used in conjunction with the building are given in Blackwell 1983 (R06m). Engineering records also indicate the structure was at one time equipped with a lead lined pit in the floor (R07m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R134 Revision 7
Author : LANL
Date : 09/01/55
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Radiation Health Clearance of Old "S" and "T" Site Buildings
Author : Buckland
Date : 08/15/57
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Return of Laboratory Structures
Author : Engineering Dept.
Date : 10/02/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Demolition of Buildings by Burning
Author : Wingfield
Date : 05/27/60
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : Demolition of Buildings by Fire
Author : Wingfield
Date : 01/29/60
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R05m
Title : Monitoring Results from Survey of Concrete Pads and Debris Following Burning of Superstructures
Author : Buckland
Date : 07/18/66
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R06m

Title : Structures removed from TA-16

Author : Blackwell

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R07m

Title : ENG 7 Structure List

Author : LANL

Date : 1958

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-1-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-08-009-0035
7. Installation Identifier : TA-16-01-35
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former equipment room; removed 1960.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has been surveyed
South coordinate : 30+00
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information the only hazardous material ever present at the site was HE. Since the structure was removed by burning any residual explosive contamination would have been destroyed; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Equipment room and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1944	R06m
•Found to be free of radioactive and toxic contamination but contaminated with HE	1959	R01m
•Building removed	1960	R06m

22. Comments:

Construction at TA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed by burning in the 1950's and 1960's. Noncombustible materials were disposed of at Mesita Del Buey or in the canyon north of the burning ground.(R03m) The structure was determined to be free of radioactive and toxic contamination but contaminated with HE. (R02m,R01m) The only hazardous material listed as being handled at the site was HE (R05m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R134 Revision 7
Author : LANL
Date : 09/01/55
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Return of laboratory structures
Author : Eng. Dept.
Date : 10/02/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Radiation health clearance of surplus laboratory structures
Author : Blackwell
Date : 04/30/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Demolition of buildings by burning
Author : Wingfield
Date : 05/27/60
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : Demolition of buildings by fire
Author : Wingfield
Date : 01/29/60
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R05m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R06m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DCE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-I-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-08-010-0094
7. Installation Identifier : TA-16-01-94
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former equipment and control building; removed 1960.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information the only hazardous material ever present at the site was HE. Since the structure was removed by burning any residual explosive contamination would have been destroyed; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Equipment building and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1944	R06m
•Found to be free of radioactive and toxic contamination but contaminated with HE	1959	R01m
•Building removed	1960	R06m

22. Comments:

Construction at TA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed by burning in the 1950's and 1960's. Noncombustible materials were disposed of at Mesita Del Buey or in the canyon north of the burning ground.(R03m) The structure was determined to be free of radioactive and toxic contamination but contaminated with HE. (R01m) The only hazardous material listed as being handled at the site was HE (R05m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R134 Revision 7

Author : LANL

Date : 09/01/55

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Return of laboratory structures

Author : Eng. Dept.

Date : 10/02/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : Radiation health clearance of surplus laboratory structures

Author : Blackwell

Date : 04/30/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03m

Title : Demolition of buildings by burning

Author : Wingfield

Date : 05/27/60

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R04m

Title : Demolition of buildings by fire

Author : Wingfield

Date : 01/29/60

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R05m

Title : Structures removed from TA-16

Author : Blackwell

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R06m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-1-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-08-011-0150
7. Installation Identifier : TA-16-01-150
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former hose house; removed 1958..
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has been surveyed
South coordinate : 35+00
West coordinate : 55+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Available information indicates that no hazardous materials have ever been used, handled, or stored at this site; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Hose house and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1945	R02m
•Building removed	1958	R02m

22. Comments:

Construction at TA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed(R01r). The structure is listed as not having used, handled, or stored any hazardous materials (R01m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R134 Revision 5

Author : LANL

Date : 06/05/53

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Structures removed from TA-16

Author : Blackwell

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-I-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-08-012-0028
7. Installation Identifier : TA-16-01-28
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former water cooling tower; removed 1968.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has been surveyed
South coordinate : 35+00
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Available information indicates that no hazardous materials were ever used, or stored at this site; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Building and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed.	1945	R02m
•Building removed.	1968	R02m

22. Comments:

Construction at TA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed (R01r). The structure was listed as never handling or using any hazardous materials in conjunction with past activities (R01m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R134 Revision 7

Author : LANL

Date : 09/01/55

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02m
Title : ENG 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-I-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-08-013-0024
7. Installation Identifier : TA-16-01-24
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former analytical laboratory; removed 1961.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 55+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information HE is the only contaminant of concern. Removal of the structure was conducted by burning which would have destroyed any residual HE; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Laboratory and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed.	1944	R02m
•Building removed by burning.	1961	R02m

22. Comments:

Construction at IA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed by burning in the 1950's and 1960's. Noncombustible materials were disposed of at Mesita Del Buey or in the canyon north of the burning ground (R01r). The only hazardous material listed as being handled at this site is HE (R01m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R134 Revision 7

Author : LANL

Date : 09/01/55

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02m
Title : ENG 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-I-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-08-014-0148
7. Installation Identifier : TA-16-01-148
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former equipment building; removed 1968.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 55+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information no hazardous materials have ever been used, handled, or stored at the site; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Equipment building and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed.	1950	R03m
•Found to be free of radioactive contamination.	1959	R01m
•Building removed.	1968	R03m

22. Comments:

Construction at TA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed (R01r). The structure was surveyed and determined to be free of radioactive contamination (R01m). The structure is listed as never having stored, used, or handled any hazardous materials (R02m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R134 Revision 5

Author : LANL

Date : 06/05/53

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Radiation health clearance of surplus laboratory structures

Author : Blackwell

Date : 04/30/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : Structures removed from TA-16

Author : Blackwell

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-I-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-08-017-0521
7. Installation Identifier : TA-16-01-521
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former tank stand; removed 1968.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 37+50
West coordinate : 42+50
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information no hazardous material have ever been used, handled, or stored at this site; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Tank stand any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1944	R02m
•Building removed	1968	R02m

22. Comments:

Construction at TA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed (R01r). The structure is listed as not having used, stored, or handled any hazardous wastes (R01m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R134 Revision 5

Author : LANL

Date : 06/05/53

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Structures removed from TA-16

Author : Blackwell

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-11-CA-A-HW (Storage Areas)
6. Release Site Descriptor : TA-16-08-018-0183
7. Installation Identifier : TA-16-11-183
8. Alternative Identifier : Not identified
9. Site Description :
Drum storage area removed in 1968.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+00
West coordinate : 55+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Storage area and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
VOLATILES	U	ERP	VOL	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed.	1945	R02m
•Building removed.	1967	R02m

22. Comments:

Drum storage area removed in 1968. Structure is listed as having stored various chemicals (R01m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R134 Revision 5

Author : LANL

Date : 06/05/53

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Structures removed from TA-16

Author : Blackwell

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : ENG 7 Structure list

Author : LANL

Date : Unkwown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-11-CA-A-HW (Storage Areas)
6. Release Site Descriptor : TA-16-08-019-0185
7. Installation Identifier : TA-16-11-185
8. Alternative Identifier : Not identified
9. Site Description :
Drum storage area abandoned in place 1960.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Storage area and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
VOLATILES	U	ERP	VOL	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed.	1948	R02m
•Building abandoned in place.	1960	R02m

22. Comments:

Drum storage area for abandoned in place 1960. This structure is listed as storing various chemicals (R01m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R134 Revision 5

Author : LANL

Date : 06/05/53

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02m
Title : ENG 7 Structure list
Author : LANL
Date : Unkown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-11-CA-A-HW (Storage Areas)
6. Release Site Descriptor : TA-16-08-020-0186
7. Installation Identifier : TA-16-11-186
8. Alternative Identifier : Not identified
9. Site Description :
Drum storage abandoned in place 1960.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+00
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Storage area and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
VOLATILES	U	ERP	VOL	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed.	1945	R02m
•Building abandoned in place.	1960	R02m

22. Comments:

Drum storage area abandoned in place 1960. This structure is listed as storing various chemicals (R01m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R134 Revision 5

Author : LANL

Date : 06/05/53

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Structures removed from TA-16

Author : Blackwell

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : ENG 7 Structure list

Author : LANL

Date : Unkwown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-11-CA-A-HW (Storage Areas)
6. Release Site Descriptor : TA-16-08-021-0187
7. Installation Identifier : TA-16-11-187
8. Alternative Identifier : Not identified
9. Site Description :
Drum storage area removed.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+00
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Storage area and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
VOLATILES	U	ERP	VOL	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed.	1945	R02m
•Building removed.	Unknown	R02m

22. Comments:

Drum storage area removed prior to 1961 (R02m). Structure is listed as storing various chemicals (R01m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R134 Revision 5

Author : LANL

Date : 06/05/53

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-11-CA-A-HW (Storage Areas)
6. Release Site Descriptor : TA-16-09-001-0261
7. Installation Identifier : TA-16-11-0261
8. Alternative Identifier : SWMU# 16-012e
9. Site Description :
Container storage area, rest house.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 17+50
West coordinate : 37+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-11
14. Site Type : Storage area and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01r
BARIUM, TOTAL	U	CAS	7440-39-3	R01r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•ER Program site reconnaissance.	1988	R01s

22. Comments:

TA-16-261 functions as a rest house of HE before and after machining activities (R01i). There have been no known releases from the storage area (R01r). No outdoor storage was noted during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R5111 Revision 21

Author : LANL

Date : 06/05/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkinson, WX-3, phone conversation
Author : Roy F. Weston
Date : 07/19/89
Location: Field Notebook #69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : ENG 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : SWMU Report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-11-CA-A-HW (Storage Areas)
6. Release Site Descriptor : TA-16-09-002-0263
7. Installation Identifier : TA-16-11-0263
8. Alternative Identifier : SWMU# 16-012f
9. Site Description :
Container storage area, rest house.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 20+00
West coordinate : 35+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-11
14. Site Type : Storage area and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01i
BARIUM, TOTAL	U	CAS	7440-39-3	R01i

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•ER Program site reconnaissance.	1988	R01s

22. Comments:

TA-16-263 functions as a rest house of HE before and after machining activities (R01i). There have been no known releases from the storage area (R01r). No outdoor storage was noted during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R5111 Revision 21

Author : LAWL

Date : 06/05/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkinson, WX-3, phone conversation
Author : Roy F. Weston
Date : 07/19/89
Location: Field Notebook #69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : ENG 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : SWMU Report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-11-CA-A-HW (Storage Areas)
6. Release Site Descriptor : TA-16-09-003-0302
7. Installation Identifier : TA-16-11-0302
8. Alternative Identifier : SWHU# 16-012j
9. Site Description :
Container storage area, satellite.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 40+00
West coordinate : 30+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Storage area and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01i
BARIUM, TOTAL	U	CAS	7440-39-3	R01i
VOLATILES	U	ERP	VOL	R01i

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•ER Program site reconnaissance.	1988	R01s

22. Comments:

Based on operations conducted at TA-16-302, (HE casting) either solvents or HE may be stored at this facility (R01i). There have been no known releases from the storage area (R01r). No outdoor storage was noted during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R5111 Revision 21
Author : LANL
Date : 06/05/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkinson, WX-3, phone conversation
Author : Roy F. Weston
Date : 07/19/89
Location: Field Notebook #69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : ENG 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : SWMU Report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-11-CA-A-HW (Storage Areas)
6. Release Site Descriptor : TA-16-09-004-0303
7. Installation Identifier : TA-16-11-0303
8. Alternative Identifier : SWMU# 16-012k
9. Site Description :
Container storage area, rest house.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 45+00
West coordinate : 30+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Storage area and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01i
BARIUM, TOTAL	U	CAS	7440-39-3	R01i

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•ER Program site reconnaissance.	1988	R01s

22. Comments:

TA-16-303 functions as a rest house for HE used at the HE casting facility TA-16-302 (R01i). There have been no known releases from the storage area (R01r). No outdoor storage was noted during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R5111 Revision 21

Author : LANL

Date : 06/05/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkinson, WX-3, phone conversation
Author : Roy F. Weston
Date : 07/19/89
Location: Field Notebook #69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : ENG 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : SWMU Report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-11-CA-A-HW (Storage Areas)
6. Release Site Descriptor : TA-16-09-005-0281
7. Installation Identifier : TA-16-11-0281
8. Alternative Identifier : SWMU# 16-012g
9. Site Description :
Container storage area, rest house.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 27+50
West coordinate : 40+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Storage area and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01i
BARIUM, TOTAL	U	CAS	7440-39-3	R01i

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•ER Program site reconnaissance.	1988	R01s

22. Comments:

TA-16-281 functions as a rest house for HE before and after physical inspection (R01i). There have been no known releases from the storage area (R01r). No outdoor storage was noted during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R5111 Revision 21

Author : LANL

Date : 06/05/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkinson, WX-3, phone conversation
Author : Roy F. Weston
Date : 07/19/89
Location: Field Notebook #69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : ENG 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : SWMU Report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-11-CA-A-HW (Storage Areas)
6. Release Site Descriptor : TA-16-09-006-0283
7. Installation Identifier : TA-16-11-0283
8. Alternative Identifier : SWMU# 16-013b
9. Site Description :
Storage area for scrap HE and uranium.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+00
West coordinate : 35+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Storage area and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01r
BARIUM, TOTAL	U	CAS	7440-39-3	R01r
URANIUM, TOTAL		CAS	7440-61-1	R01i

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•ER Program site reconnaissance.	1988	R01s

22. Comments:

TA-16-283 was a container storage area for scrap HE, but the drums have been removed and the building has been turned into a museum. No known releases have occurred (R01r). In an interview with Lynn Parkinson it was learned that the structure currently stores uranium components (R01i). No outdoor storage was noted during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R5111 Revision 21
Author : LANL
Date : 06/05/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkinson, WX-3, phone conversation
Author : Roy F. Weston
Date : 07/19/89
Location: Field Notebook #69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : ENG 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : SWMU Report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-11-CA-A-HW (Storage Areas)
6. Release Site Descriptor : TA-16-09-007-0285
7. Installation Identifier : TA-16-11-0285
8. Alternative Identifier : SWMU# 16-012h
9. Site Description :
Container storage area, rest house.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 40+00
West coordinate : 35+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Storage area and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01i
BARIUM, TOTAL	U	CAS	7440-39-3	R01i

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•ER Program site reconnaissance.	1988	R01s

22. Comments:

TA-16-285 functions as a rest house for HE before and after physical inspection (R01i). There have been no known releases from the storage area (R01r). No outdoor storage was noted during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R5111 Revision 21

Author : LANL

Date : 06/05/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkinson, WX-3, phone conversation
Author : Roy F. Weston
Date : 07/19/89
Location: Field Notebook #69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : ENG 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : SWMU Report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-1-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-09-015-0074
7. Installation Identifier : TA-16-01-74
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former magazine; removed 1960.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+00
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information the only hazardous material ever present at the site was HE. Since the structure was removed by burning any residual explosive contamination would have been destroyed; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Magazine and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1944	R06m
•Found to be free of radioactive and toxic contamination but contaminated with HE	1959	R01m
•Building removed	1960	R06m

22. Comments:

Construction at TA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed by burning in the 1950's and 1960's. Noncombustible materials were disposed of at Mesita Del Buey or in the canyon north of the burning ground.(R03m) The structure was determined to be free of radioactive and toxic contamination but contaminated with HE. (R01m) The only hazardous material listed as being handled at the site was HE (R05m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R134 Revision 7
Author : LANL
Date : 09/01/55
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Return of laboratory structures
Author : Eng. Dept.
Date : 10/02/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Radiation health clearance of surplus laboratory structures
Author : Blackwell
Date : 04/30/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Demolition of buildings by burning
Author : Wingfield
Date : 05/27/60
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : Demolition of buildings by fire
Author : Wingfield
Date : 01/29/60
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R05m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R06m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-I-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-09-016-0030
7. Installation Identifier : TA-16-01-30
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former magazine; removed 1960.
10. Site Location:
Coordinate system and units : LANL Coordinate System / feet
The site has been surveyed
South coordinate : 30+00
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information the only hazardous material ever present at the site was HE. Since the structure was removed by burning any residual explosive contamination would have been destroyed; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Building and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1944	R06m
•Found to be free of radioactive and toxic contamination but contaminated with HE	1959	R01m
•Building removed	1960	R06m

22. Comments:

Construction at TA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed by burning in the 1950's and 1960's. Noncombustible materials were disposed of at Mesita Del Buey or in the canyon north of the burning ground.(R03m) The structure was determined to be free of radioactive and toxic contamination but contaminated with HE. (R02m,R01m) The only hazardous material listed as being handled at the site was HE (R05m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R134 Revision 7

Author : LANL

Date : 09/01/55

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Return of laboratory structures

Author : Eng. Dept.

Date : 10/02/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : Radiation health clearance of surplus laboratory structures

Author : Blackwell

Date : 04/30/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03m

Title : Demolition of buildings by burning

Author : Wingfield

Date : 05/27/60

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R04m

Title : Demolition of buildings by fire

Author : Wingfield

Date : 01/29/60

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R05m

Title : Structures removed from TA-16

Author : Blackwell

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R06m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-I-HW/RW (RAZED BUILDINGS)
6. Release Site Descriptor : TA-16-09-017-0034
7. Installation Identifier : TA-16-01-34
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former magazine; removed 1960.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+00
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information HE is the only contaminant of concern associated with the site since the structure was removed by burning any residual HE would have been destroyed, therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Magazine and any associated soil contamination

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1944	R06m
•Found to be free of radioactive and toxic contamination but contaminated with HE.	1959	R01m
•Building removed by removing	1960	R06m

22. Comments:

Construction at TA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed by burning in the 1950's and 1960's. Noncombustible materials were disposed of at Mesita Del Buey or in the canyon north of the burning ground (R03m). The structure was determined to be free of radioactive and toxic contamination but contaminated with HE (R01m, R02m). HE is listed as the only hazardous substance ever handled, stored, or used at the site (R05m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R134 Revision 7

Author : LANL

Date : 09/01/55

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Return of laboratory structures

Author : ENG. DEPT.

Date : 10/02/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : Radiation health clearance of surplus laboratory structures

Author : BLACKWELL

Date : 04/30/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03m

Title : Demolition of buildings by burning

Author : WINGFIELD

Date : 05/27/60

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R04m

Title : Demolition of buildings by fire

Author : WINGFIELD

Date : 01/29/60

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R05m

Title : Structures removed from TA-16

Author : BLACKWELL

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R06m

Title : ENG 7 Structure List

Author : LANL

Date : Unkwown

Location: ER Program docuement control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1 report

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-11-CA-A-HW (Storage Areas)
6. Release Site Descriptor : TA-16-09-018-0300
7. Installation Identifier : TA-16-11-0300
8. Alternative Identifier : SWMU# 16-012i,RFA# 16.007
9. Site Description :
Container storage area, satellite.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 30+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Storage area and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01i
BARIUM, TOTAL	U	CAS	7440-39-3	R01i
VOLATILES	U	ERP	VOL	R01i

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•ER Program site reconnaissance.	1988	R01s

22. Comments:

Based on operations conducted at TA-16-300, (production of inert mock-ups) either solvents or HE may be stored at this facility (R01i). There have been no known releases from the storage area (R01r). No outdoor storage was noted during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R5111 Revision 21
Author : LANL
Date : 06/05/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkinson, WX-3, phone conversation
Author : Roy F. Weston
Date : 07/19/89
Location: Field Notebook #69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : ENG 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : SWMU Report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02r
Title : LANL RCRA facility assessment
Author : LANL
Date : 08/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-11-CA-A-HW (Storage Areas)
6. Release Site Descriptor : TA-16-09-019-0221
7. Installation Identifier : TA-16-11-0221
8. Alternative Identifier : SWMU# 16-012a
9. Site Description :
Active container storage area, rest house.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 15+00
West coordinate : 55+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Storage area and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01r
BARIUM, TOTAL	U	CAS	7440-39-3	R01r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Structure constructed.	1952	R01m
•ER Program Site Reconnaissance.	1988	R01s

22. Comments:

TA-16-221 functions as a rest house for HE product before and after X-ray inspection (R01i). The site was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R5111 Revision 21

Author : LANL

Date : 06/05/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkinson, WX-3, phone conversation
Author : Roy F. Weston
Date : 07/19/89
Location: Field Notebook #69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : ENG 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : SWMU Report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-11-CA-A-HW (Storage Areas)
6. Release Site Descriptor : TA-16-09-020-0223
7. Installation Identifier : TA-16-11-0223
8. Alternative Identifier : SWMU# 16-012b
9. Site Description :
Container storage area, rest house.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 17+00
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Storage area and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01i
BARIUM, TOTAL	U	CAS	7440-39-3	R01i

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Structure constructed.	1952	R01m
•ER Program Site Reconnaissance.	1988	R01s

22. Comments:

TA-16-221 functions as a rest house for HE product before and after X-ray inspection (R01i). The site was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R5111 Revision 21

Author : LANL

Date : 06/05/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkinson, WX-3, phone conversation
Author : Roy F. Weston
Date : 07/19/89
Location: Field Notebook #69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : ENG 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : SWMU Report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-11-CA-A-HW (Storage Areas)
6. Release Site Descriptor : TA-16-09-021-0225
7. Installation Identifier : TA-16-11-0225
8. Alternative Identifier : SWMU# 16-012c
9. Site Description :
Container storage area, rest house.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 20+00
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Storage area and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01i
BARIUM, TOTAL	U	CAS	7440-39-3	R01i

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Structure constructed.	1952	R01m
•ER Program Site Reconnaissance.	1988	R01s

22. Comments:

TA-16-221 functions as a rest house for HE product before and after X-ray inspection (R01i). The site was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R5111 Revision 21

Author : LANL

Date : 06/05/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkinson, WX-3, phone conversation
Author : Roy F. Weston
Date : 07/19/89
Location: Field Notebook #69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : ENG 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : SWMU Report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-11-CA-A/1-HW (Storage Areas)
6. Release Site Descriptor : TA-16-10-001-0518
7. Installation Identifier : TA-16-11-0518
8. Alternative Identifier : SWMU# 16-013a
9. Site Description :
Drums stored around TA-16-518.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 40+00
West coordinate : 40+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Storage pad and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
VOLATILES	U	ERP	VOL	R02r
OIL & GREASE BY GRAV ETHER EXTRACT	U	ERP	IOGGE	R02r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•ER Program field reconnaissance.	1988	R01s

22. Comments:

The courtyard by TA-16-518, 519 and 520 was a container storage area that was noted during the CEARP Field survey. The drums have been removed and the area is reported to have been cleaned up according to a recent field survey. During the initial survey a few of the drums were noted as leaking (R02r). Drum storage was not noted in this area during the ER Program site reconnaissance (R01s).

23. Information Resources

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02r
Title : SWMU Report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. weston, Albuquerque, NM

Site Visits

- Reference R02s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-11-CA-A-HW (Storage Areas)
6. Release Site Descriptor : TA-16-10-002-0519
7. Installation Identifier : TA-16-11-0519
8. Alternative Identifier : SWMU# 16-013a
9. Site Description :
Drums stored around TA-16-519.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 40+00
West coordinate : 40+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Storage drum and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
VOLATILES	U	ERP	VOL	R02r
OIL & GREASE BY GRAV ETHER EXTRACT	U	ERP	LOGGE	R02r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•ER Program field reconnaissance.	1988	R01s

22. Comments:

The courtyard by TA-16-518, 519 and 520 was a container storage area that was noted during the CEARP Field survey. The drums have been removed and the area is reported to have been cleaned up according to a recent field survey. During the initial survey a few of the drums were noted as leaking (R02r). Drum storage was not noted in this area during the ER Program site reconnaissance (R01s).

23. Information Resources

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02r
Title : SWMU Report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. weston, Albuquerque, NM

Site Visits

- Reference R02s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-11-CA-A-HW (Storage Areas)
6. Release Site Descriptor : TA-16-10-003-0520
7. Installation Identifier : TA-16-11-0520
8. Alternative Identifier : SWMU# 16-013a
9. Site Description :
Drums stored around TA-16-520.
10. Site Location:
Coordinate system and units : LANL Coordinate System / feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 40+00
West coordinate : 40+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Not identified

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
VOLATILES	U	ERP	VOL	R02r
OIL & GREASE BY GRAV ETHER EXTRACT	U	ERP	IOGGE	R02r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•ER Program field reconnaissance.	1988	R01s

22. Comments:

The courtyard by TA-16-518, 519 and 520 was a container storage area that was noted during the CEARP Field survey. The drums have been removed and the area is reported to have been cleaned up according to a recent field survey. During the initial survey a few of the drums were noted as leaking (R02r). Drum storage was not noted in this area during the ER Program site reconnaissance (R01s).

23. Information Resources

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02r
Title : ~~SMU~~ Report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. weston, Albuquerque, NM

Site Visits

- Reference R02s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-11-CA-A-HW (Storage Areas)
6. Release Site Descriptor : TA-16-11-001-0306
7. Installation Identifier : TA-16-11-0306
8. Alternative Identifier : SWMU# 16-012m
9. Site Description :
Container storage area, satellite.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 45+00
West coordinate : 25+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Storage area and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
VOLATILES	U	ERP	VOL	R01r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•ER Program site reconnaissance.	1988	R01s

22. Comments:

TA-16-304 functions as a plastic development facility, therefore, solvents would be most likely stored at the facility. There have been no known releases from the storage area (R01r). No outdoor storage was noted during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R5111 Revision 21

Author : LANL

Date : 06/05/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01a

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : SWMU Report

Author : LANL

Date : 1988

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-11-CA-A-HW (Storage Areas)
6. Release Site Descriptor : TA-16-11-002-0304
7. Installation Identifier : TA-16-11-0304
8. Alternative Identifier : SWMU# 16-0121
9. Site Description :
Container storage area, satellite.
10. Site Location:
Coordinate system and units : LANL Coordinate System / feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 45+00
West coordinate : 25+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Storage and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
VOLATILES	U	ERP	VOL	R01r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•ER Program site reconnaissance.	1988	R01s

22. Comments:

TA-16-304 functions as a plastic development facility, therefore, solvents would be most likely stored at the facility. There have been no known releases from the storage area (R01r). No outdoor storage was noted during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R5111 Revision 21

Author : LAHL

Date : 06/05/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : SWMU Report

Author : LANL

Date : 1988

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-14-CA-A/I-HW (Transformers)
6. Release Site Descriptor : TA-16-13-001-0591
7. Installation Identifier : TA-16-14-591
8. Alternative Identifier : Not identified
9. Site Description :
Single pad mounted transformer located 140' south of TA-16-306.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 50+00
West coordinate : 25+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Transformers and any associated soil contamination.
15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCB	R01s

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Transformer installed.	1952	R01m
•ER Program Site Reconnaissance.	1988	R01s

22. Comments:

A single pad mounted transformer located approximately 140' south of TA-16-306 (R01m) was identified on drawing ENG-R917 (R01e). The transformer was identified as containing less than 50 ppm PCBs during ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R917

Author : LANL

Date : 09/01/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-14-CA-A/I-HW (Transformers)
6. Release Site Descriptor : TA-16-13-002-0555
7. Installation Identifier : TA-16-14-555
8. Alternative Identifier : Not identified
9. Site Description :
Single pad mounted transformer located approximately 150' south of TA-16-304.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 45+00
West coordinate : 25+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Transformers and any associated soil contamination.
15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCB	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Transformer installed.	1953	R01m

22. Comments:

A single pad mounted transformer located approximately 150' south of TA-16-304 (R01m) was identified on drawing ENG-R907 (R01e).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R907

Author : LANL

Date : 09/01/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : ENG - 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-14-CA-A/1-HW (Transformers)
6. Release Site Descriptor : TA-16-13-003-0590
7. Installation Identifier : TA-16-14-590
8. Alternative Identifier : Not identified
9. Site Description :
Single pad mounted transformer located 140' south of TA-16-304.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 45+00
West coordinate : 25+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Transformers and any associated soil contamination.
15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCB	R01s

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Transformer installed.	1952	R01m
•ER Program Site Reconnaissance.	1988	R01s

22. Comments:

A single pad mounted transformer located 140' south of TA-16-304 (R01m) on drawing ENG-R917 (R01e). During the ER Program site reconnaissance the transformer was noted to contain less than 50 ppm PCBs (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R917

Author : LANL

Date : 09/01/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-14-CA-A/I-HW (Transformers)
6. Release Site Descriptor : TA-16-13-004-0587
7. Installation Identifier : TA-16-14-587
8. Alternative Identifier : Not identified
9. Site Description :
Single pad mounted transformer located 175' east of TA-16-300.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 30+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Transformers and any associated soil contamination.
15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCB	R01s

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Transformer installed.	1952	R01m
•ER Program Site Reconnaissance.	1988	R01s

22. Comments:

A single pad mounted transformer located approximately 175' east of TA-16-300 (R01m) was identified on drawing ENG-R909 (R01e). Transformer was noted to have PCB content of less than 50 ppm during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R909

Author : LANL

Date : 1983

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-14-CA-A/I-HW (Transformers)
6. Release Site Descriptor : TA-16-13-005-0588
7. Installation Identifier : TA-16-14-588
8. Alternative Identifier : Not identified
9. Site Description :
Single pole mounted transformer located 75' east of TA-16-308.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 35+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Transformers and any associated soil contamination.
15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCB	R01s

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Transformer installed.	1953	R01m
•ER Program Site Reconnaissance.	1988	R01s

22. Comments:

A single pole mounted transformer was located 75' east of TA-16-308 (R01m) on drawing ENG-R909 (R01e). The transformer was noted to have a PCB content below 50 ppm during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R909

Author : LANL

Date : 09/01/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : ENG 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-14-CA-A/I-HW (Transformers)
6. Release Site Descriptor : TA-16-13-006-0571
7. Installation Identifier : TA-16-14-571
8. Alternative Identifier : Not identified
9. Site Description :
Three pole mounted transformers located approximately 700' west of TA-16-260.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 25+00
West coordinate : 40+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Transformers and any associated soil contamination.
15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCB	R02r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Transformer installed.	1951	R01m

22. Comments:

Three pole mounted transformers located approximately 700' west of TA-16-260 (R01m) were noted on drawing ENG-R900 (R01e). The transformers were also noted in the PCB transformer inventory, but PCB concentration was not listed (R02r).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R900

Author : LANL

Date : 09/01/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : ENG 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02r
Title : PCB Transformer Inventory
Author : LANL
Date : 05/02/89
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-14-CA-A/I-HW (Transformers)
6. Release Site Descriptor : TA-16-13-007-0548
7. Installation Identifier : TA-16-14-548
8. Alternative Identifier : Not identified
9. Site Description :
Three pole mounted transformers located 230' southwest of TA-16-261.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 20+00
West coordinate : 40+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Transformers and any associated soil contamination.
15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCB	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Transformer installed.	1967	R01m

22. Comments:

Three pole mounted transformers were identified 230' southwest of TA-16-261 (R01m).

23. Information Resources

Memos

• Reference R01m

Title : ENG - 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DCE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Environmental
Restoration
Program

Release Site Database Task 13 TA-11, 13, 16, 24, and 25

Los Alamos National Laboratory
Los Alamos, New Mexico

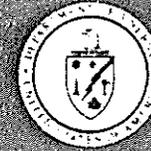
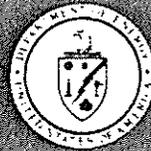
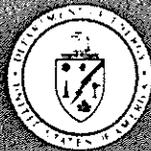
Preliminary Draft – Volume II

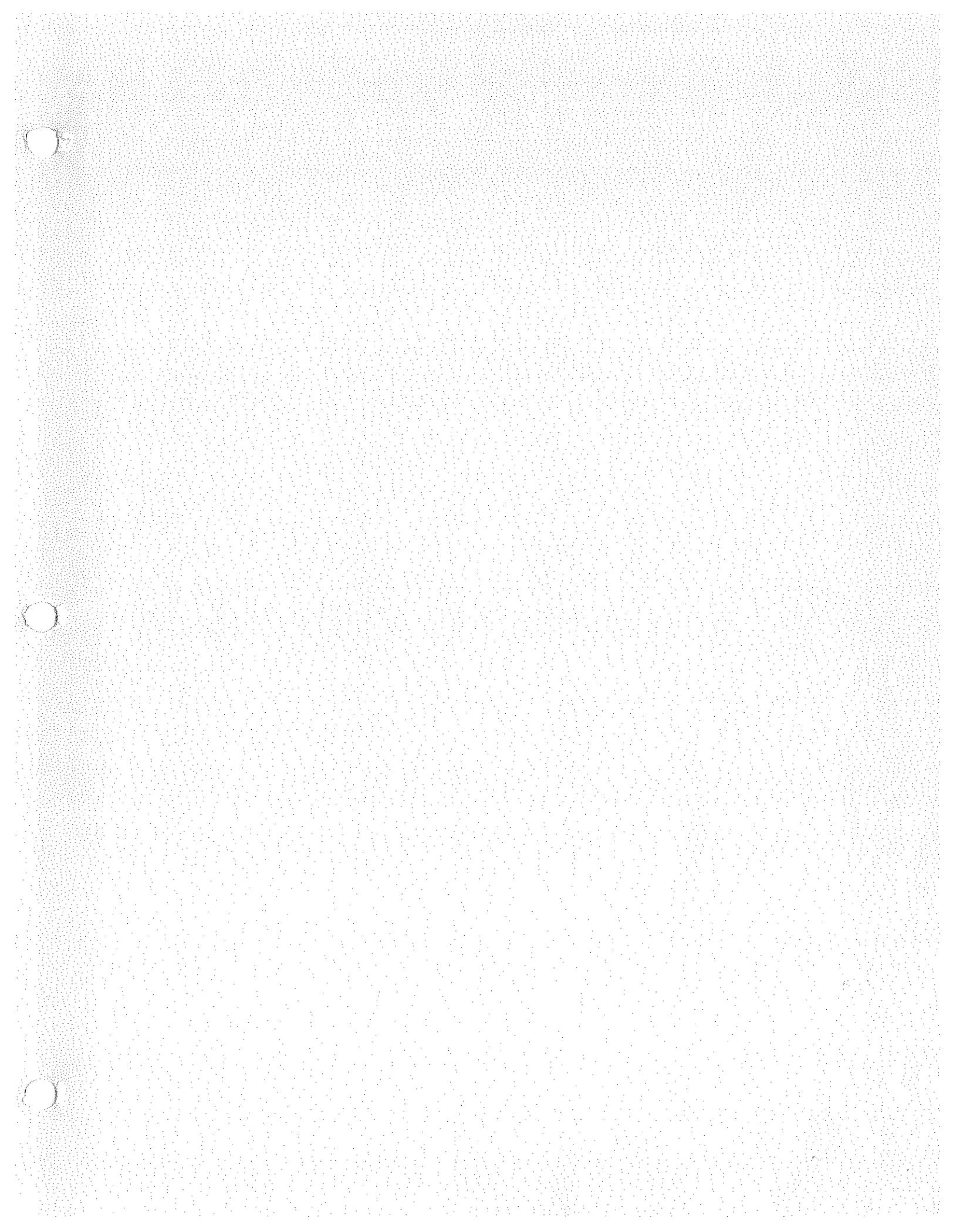
Prepared by
Roy F. Weston, Inc.

For
U.S. Department of Energy
Albuquerque Operations Office

Environmental Restoration Program
Technical Support Office
Los Alamos National Laboratory

August 1989





1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-14-CA-A/1-HW (Transformers)
6. Release Site Descriptor : TA-16-13-008-0597
7. Installation Identifier : TA-16-14-597
8. Alternative Identifier : Not identified
9. Site Description :
Single pad mounted transformer located 90' southwest of TA-16-224.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 20+00
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Transformers and any associated soil contamination.
15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCB	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Transformer installed.	1952	R01m

22. Comments:

A single pad mounted transformer was located 90' southwest of TA-16-224 (R01m) on drawing ENG-R899 (R01e).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R899

Author : LANL

Date : 09/01/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-14-CA-A/I-HW (Transformers)
6. Release Site Descriptor : TA-16-13-009-0609
7. Installation Identifier : TA-16-14-609
8. Alternative Identifier : Not identified
9. Site Description :
Three pole mounted transformers, located 35' south of TA-16-515.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 40+00
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Transformer and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCB	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Transformer installed.	1967	R01m

22. Comments:

Three pole mounted transformers were identified as being located approximately 35' south of TA-16-515 (R01m).

23. Information Resources

Memos

• Reference R01m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-14-CA-A/I-HW (Transformers)
6. Release Site Descriptor : TA-16-13-010-0537
7. Installation Identifier : TA-16-14-537
8. Alternative Identifier : Not identified
9. Site Description :
Three pole mounted transformers located 105' northwest of TA-16-88.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+00
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Transformers and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCB	R02r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Transformer installed.	1967	R01m
•Transformer replaced.	1988	R01m

22. Comments:

Three pole mounted transformers were identified approximately 105' northwest of TA-16-88 (R01m). The transformers were replaced in 1987 with non PCB bearing transformers (R01m).

23. Information Resources

Memos

• Reference R01m

Title : ENG - 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02r

Title : PCB Transformer Inventory

Author : LANL

Date : 05/02/89

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-14-CA-A/I-HW (Transformers)
6. Release Site Descriptor : TA-16-13-011-0572
7. Installation Identifier : TA-16-14-572
8. Alternative Identifier : Not identified
9. Site Description :
Three pole mounted transformers located approximately 250' southeast of TA-16-153.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+00
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Transformers and any associated soil contamination.
15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCB	R01s

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Transformer installed.	1948	R01m

22. Comments:

Three pole mounted transformers were identified approximately 250' southeast of TA-16-153 (R01m) on drawing ENG-R908 (R01e). The transformer was noted to contain oil with PCB concentration below 50 ppm (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R908

Author : LANL

Date : 09/01/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-14-CA-A/I-HW (Transformers)
6. Release Site Descriptor : TA-16-13-012-0610
7. Installation Identifier : TA-16-14-610
8. Alternative Identifier : Not identified
9. Site Description :
Three pole mounted transformers located 440' northwest of TA-16-515.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Transformers and any associated soil contamination.
15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCB	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Transformer installed.	1967	R01m

22. Comments:

Three pole mounted transformers were identified approximately 440' northwest of TA-16-515 (R01m).

23. Information Resources

Memos

• Reference R01m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-14-CA-A/I-HW (Transformers)
6. Release Site Descriptor : TA-16-13-013-0595
7. Installation Identifier : TA-16-14-595
8. Alternative Identifier : Not identified
9. Site Description :
Single pad mounted transformer located 150' north of TA-16-283.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+00
West coordinate : 40+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Transformers and any associated soil contamination.
15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCB	R01s

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Transformer installed.	1952	R01m
•ER Program Site Reconnaissance.	1988	R01s

22. Comments:

A single pad mounted transformer was located approximately 150' north of TA-16-283 (R01m) on drawing ENG-R900 (R01e). The transformer was noted to have a PCB content less than 50 ppm during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R900

Author : LANL

Date : 09/01/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-14-CA-A/I-HW (Transformers)
6. Release Site Descriptor : TA-16-13-014-0553
7. Installation Identifier : TA-14-553
8. Alternative Identifier : Not identified
9. Site Description :
Single pad mounted transformer station located 145' from TA-16-283.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+00
West coordinate : 40+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Transformers and any associated soil contamination.
15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCB	R01s

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Transformer installed.	1951	R01m

22. Comments:

A single pad mounted transformer was identified near TA-16-283 (R01m) or drawing ENG-R900 (R01e). The transformer was noted to have PCB concentration below 50 ppm during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
 - Title : ENG - R900
 - Author : LAHL
 - Date : 09/01/59
 - Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : ENG - 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-14-CA-A/I-HW (Transformers)
6. Release Site Descriptor : TA-16-13-015-0575
7. Installation Identifier : TA-16-14-575
8. Alternative Identifier : Not identified
9. Site Description :
Three pole mounted transformers moved to TA-16-610. Original location was just west of TA-16-73.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Transformer and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCB	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Transformer installed.	1954	R01m
•Transformer removed.	1967	R01m

22. Comments:

Three pole transformers were located just west of TA-16-73 (R01m). The transformer is noted in drawing ENG - R906 (R01e). The transformers were listed as removed in 1967 (R01m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R906

Author : LANL

Date : 09/01/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-14-CA-A/I-HW (Transformers)
6. Release Site Descriptor : TA-16-13-016-0576
7. Installation Identifier : TA-16-14-576
8. Alternative Identifier : Not identified
9. Site Description :
Three pad mounted transformers relocated in 1959. The original location was near magazine TA-16-79.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Transformers and any associated soil contamination.
15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCB	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Transformer installed.	1945	R01m
•Transformer relocated.	1959	R01m

22. Comments:

Three pad mounted transformers located near TA-16-79 (R01m) was noted on drawing ENG-R900 (R01e).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R900

Author : LANL

Date : 09/01/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : ENG 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-14-CA-A/I-HW (Transformers)
6. Release Site Descriptor : TA-16-13-017-0514
7. Installation Identifier : TA-16-14-514
8. Alternative Identifier : Not identified
9. Site Description :
Former, single pole mounted transformer; replaced by single transformer with non PCB oil in 1987.
Location 120' northeast of TA-16-515.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Transformer and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCB	R02r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Transformer installed.	1966	R01m
•Transformer replaced.	1987	R01m

22. Comments:

A single pole mounted transformer located 120' northeast of TA-16-515 (R01m) was identified. The transformer was replaced with a non PCB transformer (R01m); however the original transformer had a PCB content of 142 ppm (R02r).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02r

Title : PCB Transformer Inventory

Author : LANL

Date : 05/02/89

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-16-14-CA-A/I-HW (Transformers)
6. Release Site Descriptor : TA-16-13-018-0608
7. Installation Identifier : TA-16-14-608
8. Alternative Identifier : Not identified
9. Site Description :
Three pole mounted transformers, located just south of TA-16-515.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a remedial investigation scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Transformer and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCB	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Transformer installed.	1967	R01m

22. Comments:

Three pole mounted transformers were identified as being located 25' south of TA-16-515 (R01m).

23. Information Resources

Reports

• Reference R01r

Title : Eng 7 Structure List

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-14-CA-A/I-HW (Transformers)
6. Release Site Descriptor : TA-16-13-019-0567
7. Installation Identifier : TA-16-14-567
8. Alternative Identifier : Not identified
9. Site Description :
Six pole mounted transformers - removed formerly located near TA-16-515.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 40+00
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Transformers and any associated soil contamination.
15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCB	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Transformer installed.	1945	R01m
•Transformer removed.	Unknown	R01m

22. Comments:

Six pole mounted transformers which have been removed were located on drawing ENG-R908 near TA-16-515 (R01e).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R908

Author : LANL

Date : 09/01/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-14-CA-A/I-HW (Transformers)
6. Release Site Descriptor : TA-16-13-020-0536
7. Installation Identifier : TA-16-14-536
8. Alternative Identifier : Not identified
9. Site Description :
Single pole mounted transformer station located 200' southwest of TA-16-225.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 20+00
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Transformer and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCB	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Transformer installed.	1967	R01m

22. Comments:

A single pole mounted transformer was identified approximately 200' southwest of TA-16-255 (R01m).

23. Information Resources

Memos

• Reference R01m

Title : ENG - 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-16-14-CA-A/I-HW (Transformers)
6. Release Site Descriptor : TA-16-13-021-1330
7. Installation Identifier : TA-16-14-1330
8. Alternative Identifier : Not identified
9. Site Description :
Capacitor Station.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+00
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a remedial investigation scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Capacitor station and any associated soil contamination

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCB	R01m

20. Waste Quantities : Not identified

21. Chronological Events: Not identified

22. Comments:

Capacitor station was noted as being present at TA-16 in the structure list associated with drawing ENG - R511 (R01e).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : Eng - R5111 revision 20

Author : LANL

Date : 09/22/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-14-CA-A/1-HW (Transformers)
6. Release Site Descriptor : TA-16-13-022-0558
7. Installation Identifier : TA-16-14-558
8. Alternative Identifier : Not identified
9. Site Description :
Single pad mounted transformer located 100' from TA-16-220.
10. Site Location:
Coordinate system and units : LAML Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 20+00
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Transformers and any associated soil contamination.
15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCS	R

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Transformer installed.	1952	R01m

22. Comments:

A single pad mounted transformer was noted near TA-16-220 (R01m) on drawing ENG - R893 (R01e).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R893

Author : LANL

Date : 09/01/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-14-CA-A/1-HW (Transformers)
6. Release Site Descriptor : TA-16-13-023-0565
7. Installation Identifier : TA-16-14-565
8. Alternative Identifier : Not identified
9. Site Description :
Single pad mounted transformer located approximately 180' west of TA-16-319.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 45+00
West coordinate : 30+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Transformers and any associated soil contamination.
15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCB	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Transformer installed.	1953	R01m

22. Comments:

A single pad mounted transformer was noted 180' west of TA-16-319 (R01m) on drawing ENG - R917 (R01e).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R917

Author : LANL

Date : 09/01/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-14-CA-A/I-HW (Transformers)
6. Release Site Descriptor : TA-16-13-024-0589
7. Installation Identifier : TA-16-14-589
8. Alternative Identifier : Not identified
9. Site Description :
Single pad mounted transformer located approximately 120' north of TA-16-319.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 40+00
West coordinate : 30+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Transformers and any associated soil contamination.
15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCB	R01r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Transformer installed.	1952	R01m
•ER Program Site Reconnaissance.	1988	R01s

22. Comments:

A single pad mounted transformer was identified 120' north of TA-16-219 (R01m) on drawing ENG-R917 (R01e). The transformer is listed on the PCB transformer inventory (R01r) but PCB concentration is not given. The transformer was noted to have a PCB content less than 50 ppm (R01s) during the ER Program site reconnaissance.

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R917

Author : LANL

Date : 09/01/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R02r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R01r

Title : PCB Transformer Inventory

Author : LANL

Date : 02/15/89

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-14-CA-A/I-HW (Transformers)
6. Release Site Descriptor : TA-16-13-025-0596
7. Installation Identifier : TA-16-14-596
8. Alternative Identifier : Not identified
9. Site Description :
Single pad mounted transformer located 100' southeast of TA-16-220.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 20+00
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Transformers and any associated soil contamination.
15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCB	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Transformer installed.	1952	R01m

22. Comments:

A single pad mounted transformer was located approximately 100' southeast of TA-16-220 (R01m) on drawing ENG-R893 (R01e).

23. Information Resources

Engineering Drawings

- Reference R01e
- Title : ENG - R893
- Author : LAML
- Date : 09/01/59
- Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-14-CA-A/I-HW (Transformers)
6. Release Site Descriptor : TA-16-13-026-0598
7. Installation Identifier : TA-16-14-598
8. Alternative Identifier : Not identified
9. Site Description :
Single pad mounted transformer located 50' north of TA-16-226.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 15+00
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Transformers and any associated soil contamination.
15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCB	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Transformer installed.	1952	R01m

22. Comments:

A single pad mounted transformer was identified 50' north of TA-16-226 (R01m) on drawing ENG-R893 (R01e)

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R893

Author : LANL

Date : 09/01/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-14-CA-A/1-HW (Transformers)
6. Release Site Descriptor : TA-16-13-027-0622
7. Installation Identifier : TA-16-14-622
8. Alternative Identifier : Not identified
9. Site Description :
Single pole mounted transformer located 700' west of TA-16-260.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 25+00
West coordinate : 35+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Transformers and any associated soil contamination.
15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCB	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Transformer installed.	1961	R01m

22. Comments:

A single pole mounted transformer was located approximately 700' west of TA-16-260 (R01m).

23. Information Resources

Memos

- Reference R01m
 - Title : ENG 7 structure list
 - Author : LAML
 - Date : Unknown
 - Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-14-CA-A/I-HW (Transformers)
6. Release Site Descriptor : TA-16-13-028-0599
7. Installation Identifier : TA-16-14-599
8. Alternative Identifier : Not identified
9. Site Description :
Former transformer station located 300' southwest of TA-16-515 later converted to a switchgear.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 40+00
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Transformer and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
PCB BY GC	U	ERP	OPCB	R01r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Transformer installed.	1952	R01m
•Converted to switchgear.	Unknown	R01m

22. Comments:

A transformer, presently a switchgear, (R01m) was located 300' southwest of Ta-16-515 on drawing ENG - R908 (R01e).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R908

Author : LANL

Date : 09/01/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-I-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-15-001-1103
7. Installation Identifier : TA-16-01-1103 *AOE C-16-051*
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former oil switch; removed 1966.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 20+00
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information no hazardous material have ever been used, handled, or stored at this site; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Oil switch and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	Unknown	R02m
•Building removed	1966	R02m

22. Comments:

Construction at TA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed. No hazardous materials are listed as ever having been used, stored or handles at the site (R01m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R2441 Revision 10

Author : LANL

Date : 08/15/61

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Structures removed from TA-16

Author : Blackwell

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-I-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-15-002-0506
7. Installation Identifier : TA-16-01-506
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former steam manhole; removed 1968.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 22+50
West coordinate : 52+50
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information no hazardous material have ever been used, handled, or stored at this site; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Steam hole and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1944	R02m
•Building removed	1968	R02m

22. Comments:

Construction at TA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed (R01r). The structure is listed as not having used, stored, or handled any hazardous wastes (R01m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R134 Revision 5

Author : LANL

Date : 06/05/53

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Structures removed from TA-16

Author : Blackwell

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-I-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-15-003-0508
7. Installation Identifier : TA-16-01-508
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former water manhole; removed 1968.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 22+50
West coordinate : 55+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information no hazardous material have ever been used, handled, or stored at this site;
therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Water manhole and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1944	R02m
•Building removed	1968	R02m

22. Comments:

Construction at IA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed (R01r). The structure is listed as not having used, stored, or handled any hazardous wastes (R01m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R134 Revision 5

Author : LANL

Date : 06/05/53

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-I-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-15-004-0509
7. Installation Identifier : TA-16-01-509
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former steam manhole; removed 1968.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 22+50
West coordinate : 55+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information no hazardous material have ever been used, handled, or stored at this site; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Water manhole and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1944	R02m
•Building removed	1968	R02m

22. Comments:

Construction at TA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed (R01r). The structure is listed as not having used, stored, or handled any hazardous wastes (R01m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R134 Revision 5

Author : LANL

Date : 06/05/53

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Structures removed from TA-16

Author : Blackwell

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-1-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-15-005-0510
7. Installation Identifier : TA-16-01-510
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former switch box; removed 1960.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 22+50
West coordinate : 55+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information no hazardous material have ever been used, handled, or stored at this site; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Switch box any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed, HE	1945	R06m
•Found to be free of radioactive, and toxic contamination	1959	R02m
•Building removed	1960	R06m

22. Comments:

Construction at IA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed by burning in the 1950's and 1960's. Noncombustible materials were disposed of at Mesita Del Buey or in the canyon north of the burning ground. (R03m) The structure was surveyed and determined to be free of radioactive HE and toxic contamination (R01m, R02m) The structure is listed as never having handled, stored or used any hazardous materials (R05m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R134 Revision 5

Author : LANL

Date : 06/05/53

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Radiation health clearance of surplus laboratory structures
Author : Blackwell
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Return of laboratory structures
Author : Eng. Dept.
Date : 10/02/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Demolition of buildings by burning
Author : Wingfield
Date : 05/27/60
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : Demolition of buildings by fire
Author : Wingfield
Date : 01/29/60
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R05m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R06m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-I-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-15-008-1087
7. Installation Identifier : TA-16-01-1087 *AOC C-16-056*
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former steam manhole; removed 1970.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 50+00
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information no hazardous material have ever been used, handled, or stored at this site; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Steam manhole and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	Unknown	R02m
•Building removed	1970	R02m

22. Comments:

Construction at TA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed. No hazardous materials are listed as ever having been used, stored or handles at the site (R01m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R2441 Revision 10

Author : LANL

Date : 08/15/61

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-1-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-15-009-1086 *ADC - C-16-857*
7. Installation Identifier : TA-16-01-1086
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former steam manhole; removed 1970.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 50+00
West coordinate : 30+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information no hazardous material have ever been used, handled, or stored at this site; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Steam manhole and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	Unknown	R02m
•Building removed	1972	R02m

22. Comments:

Construction at TA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed. No hazardous materials are listed as ever having been used, stored or handles at the site (R01m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R2441 Revision 10

Author : LANL

Date : 08/15/61

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Structures removed from TA-16

Author : Blackwell

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-1-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-15-010-1102
7. Installation Identifier : TA-16-01-1102
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former oil switch; removed 1966.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 52+50
West coordinate : 27+50
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information no hazardous material have ever been used, handled, or stored at this site;
therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Oil switch and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	Unknown	R02m
•Building removed	1966	R02m

22. Comments:

Construction at TA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed. No hazardous materials are listed as ever having been used, stored or handles at the site (R01m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R2441 Revision 10

Author : LANL

Date : 08/15/61

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : SARP Phase 1
Author : JCE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-1-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-15-011-0524
7. Installation Identifier : TA-16-01-524
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former electrical pit, TA-16-524 (formerly V-1) removed 1945.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed
Coordinates : Not identified
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information no hazardous material have ever been used, handled, or stored at this site; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Electrical pit and any associated soil contamination.
15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1944	R02m
•Building removed	1945	R02m

22. Comments:

Construction at TA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed (R01r) The structure is listed as never having housed operations which handled or used any hazardous materials (R01m).

23. Information Resources

Memos

• Reference R01m

Title : Structures removed from TA-16

Author : Blackwell

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-1-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-16-001-0031
7. Installation Identifier : TA-16-01-31
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former HE machining building; removed 1960.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has been surveyed
South coordinate : 30+00
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information the only hazardous material ever present at the site was HE. Since the structure was removed by burning any residual explosive contamination would have been destroyed; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Building and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1944	R06m
•Found to be free of radioactive and toxic contamination but contaminated with HE	1959	R01m
•Building removed	1960	R06m

22. Comments:

Construction at TA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed by burning in the 1950's and 1960's. Noncombustible materials were disposed of at Mesita Del Buey or in the canyon north of the burning ground.(R03m) The structure was determined to be free of radioactive and toxic contamination but contaminated with HE. (R02m,R01m) The only hazardous material listed as being handled at the site was HE (R05m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R134 Revision 7
Author : LANL
Date : 09/01/55
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Return of laboratory structures
Author : Eng. Dept.
Date : 10/02/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Radiation health clearance of surplus laboratory structures
Author : Blackwell
Date : 04/30/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Demolition of buildings by burning
Author : Wingfield
Date : 05/27/60
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : Demolition of buildings by fire
Author : Wingfield
Date : 01/29/60
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R05m
Title : Structures removed from IA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R06m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-1-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-16-002-0032
7. Installation Identifier : TA-16-01-32
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former HE machining building; removed 1960.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has been surveyed
South coordinate : 30+00
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information the only hazardous material ever present at the site was HE. Since the structure was removed by burning any residual explosive contamination would have been destroyed; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Building and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1944	R06m
•Found to be free of radioactive and toxic contamination but contaminated with HE	1959	R01m
•Building removed	1960	R06m

22. Comments:

Construction at TA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed by burning in the 1950's and 1960's. Noncombustible materials were disposed of at Mesita Del Buey or in the canyon north of the burning ground.(R03m) The structure was determined to be free of radioactive and toxic contamination but contaminated with HE. (R02m,R01m) The only hazardous material listed as being handled at the site was HE (R05m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R134 Revision 7
Author : LANL
Date : 09/01/55
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Hemos

- Reference R01m
Title : Return of laboratory structures
Author : Eng. Dept.
Date : 10/02/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Radiation health clearance of surplus laboratory structures
Author : Blackwell
Date : 04/30/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Demolition of buildings by burning
Author : Wingfield
Date : 05/27/60
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : Demolition of buildings by fire
Author : Wingfield
Date : 01/29/60
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R05m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R06m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-I-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-16-003-0033
7. Installation Identifier : TA-16-01-33
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former magazine; removed 1960.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has been surveyed
South coordinate : 30+00
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information the only hazardous material ever present at the site was HE. Since the structure was removed by burning any residual explosive contamination would have been destroyed; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Building and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1944	R06m
•Found to be free of radioactive and toxic contamination but contaminated with HE	1959	R01m
•Building removed	1960	R06m

22. Comments:

Construction at TA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed by burning in the 1950's and 1960's. Noncombustible materials were disposed of at Mesita Del Buey or in the canyon north of the burning ground.(R03m) The structure was determined to be free of radioactive and toxic contamination but contaminated with HE. (R02m,R01m) The only hazardous material listed as being handled at the site was HE (R05m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R134 Revision 7
Author : LANL
Date : 09/01/55
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Return of laboratory structures
Author : Eng. Dept.
Date : 10/02/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Radiation health clearance of surplus laboratory structures
Author : Blackwell
Date : 04/30/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Demolition of buildings by burning
Author : Wingfield
Date : 05/27/60
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : Demolition of buildings by fire
Author : Wingfield
Date : 01/29/60
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R05m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R06m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-I-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-16-004-0095
7. Installation Identifier : TA-16-01-95
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former HE machining building; removed 1960.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information the only hazardous material ever present at the site was HE. Since the structure was removed by burning any residual explosive contamination would have been destroyed; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : HE machining building and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1944	R06m
•Found to be free of radioactive and toxic contamination but contaminated with HE	1959	R01m
•Building removed	1960	R06m

22. Comments:

Construction at TA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed by burning in the 1950's and 1960's. Noncombustible materials were disposed of at Mesita Del Buey or in the canyon north of the burning ground.(R03m) The structure was determined to be free of radioactive and toxic contamination but contaminated with HE. (R01m) The only hazardous material listed as being handled at the site was HE (R05m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R134 Revision 7
Author : LANL
Date : 09/01/55
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Return of laboratory structures
Author : Eng. Dept.
Date : 10/02/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Radiation health clearance of surplus laboratory structures
Author : Blackwell
Date : 04/30/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Demolition of buildings by burning
Author : Wingfield
Date : 05/27/60
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : Demolition of buildings by fire
Author : Wingfield
Date : 01/29/60
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R05m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R06m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-1-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-16-005-0096
7. Installation Identifier : TA-16-01-96
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former HE machining building; removed 1960.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information the only hazardous material ever present at the site was HE. Since the structure was removed by burning any residual explosive contamination would have been destroyed; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : HE machining building and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1944	R06m
•Found to be free of radioactive and toxic contamination but contaminated with HE	1959	R01m
•Building removed	1960	R06m

22. Comments:

Construction at TA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed by burning in the 1950's and 1960's. Noncombustible materials were disposed of at Mesita Del Buey or in the canyon north of the burning ground.(R03m) The structure was determined to be free of radioactive and toxic contamination but contaminated with HE. (R01m) The only hazardous material listed as being handled at the site was HE (R05m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R134 Revision 7
Author : LANL
Date : 09/01/55
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Return of laboratory structures
Author : Eng. Dept.
Date : 10/02/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Radiation health clearance of surplus laboratory structures
Author : Blackwell
Date : 04/30/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Demolition of buildings by burning
Author : Wingfield
Date : 05/27/60
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : Demolition of buildings by fire
Author : Wingfield
Date : 01/29/60
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R05m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R06m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-I-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-16-006-0097
7. Installation Identifier : TA-16-01-97
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former HE machining building; removed 1960.
10. Site Location:
Coordinate system and units : LAHL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : MFA
12. Program Phase Rationale :
Based on available information HE is the only contaminant of concern associated with this site. Since removal of the structure was by means of burning and residual HE would have been destroyed; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : HE machining building and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1944	R04m
•Found to be free of radioactive and toxic contamination	1959	R02m
•Building removed	1960	R04m

22. Comments:

Construction at IA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed by burning in the 1950's and 1960's. Noncombustible materials were disposed of at Mesita Del Buey or in the canyon north of the burning ground.(R03m) The structure was determined to be free of radioactive and toxic contamination but contaminated with HE. (R01m, R03m) The only hazardous material listed as being handled at the site was HE (R05m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R134 Revision 7

Author : LANL

Date : 09/01/55

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Radiation health clearance of surplus laboratory structures
Author : Blackwell
Date : 04/30/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02m
Title : Return of laboratory structures
Author : Eng. Dept.
Date : 10/02/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R04m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-I-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-16-007-0098
7. Installation Identifier : TA-16-01-98
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former HE machining building; removed 1960.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information HE is the only contaminant of concern associated with this site. Since removal of the structure was by means of burning and residual HE would have been destroyed; therefore, no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : HE machining building and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed	1944	R04m
•Found to be free of radioactive and toxic contamination	1959	R02m
•Building removed	1960	R04m

22. Comments:

Construction at TA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed by burning in the 1950's and 1960's. Noncombustible materials were disposed of at Mesita Del Buey or in the canyon north of the burning ground.(R03m) The structure was determined to be free of radioactive and toxic contamination but contaminated with HE (R01m, R03m) The only hazardous material listed as being handled at the site was HE (R05m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R134 Revision 7

Author : LANL

Date : 09/01/55

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Radiation health clearance of surplus laboratory structures
Author : Blackwell
Date : 04/30/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02m
Title : Return of laboratory structures
Author : Eng. Dept.
Date : 10/02/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R04m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-1-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-16-008-0025
7. Installation Identifier : TA-16-01-25
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former HE casting and electroplating building; removed 1960.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 55+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information HE is the only contaminant of concern. Removal of the structure was conducted by burning which would have destroyed any residual HE; therefore no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Buildings and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed.	1944	R05m
•Found to be free of radioactive and toxic contamination.	1959	R01m
•Building removed by burning.	1961	R05m

22. Comments:

Construction at TA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing (R01r). Many of the buildings became obsolete and were subsequently removed by burning in the 1950's and 1960's. Noncombustible materials were disposed of at Mesita Del Buey or in the canyon north of the burning ground (R03m). The structure was determined to be free of radioactive and toxic contamination (R01m, R02m). The structure was listed as having handled HE as part of past activities conducted at the site (R04m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R134 Revision 7

Author : LANL

Date : 09/01/55

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
 Title : Return of laboratory structures
 Author : Eng. Dept.
 Date : 10/02/59
 Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
 Title : Radiation health clearance of surplus laboratory structures
 Author : Blackwell
 Date : 04/30/59
 Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
 Title : Demolition of buildings by burning
 Author : Wingfield
 Date : 05/27/60
 Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
 Title : Structures removed from TA-16
 Author : Blackwell
 Date : 11/17/83
 Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R05m
 Title : ENG 7 structure list
 Author : LANL
 Date : Unknown
 Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

16-000257
not noted

16-000251

"HE inspection"

255 HE cont of
Abandoned structures
HE inspection

111

76 process bldg

Reports

- Reference R01r
 Title : CEARP Phase 1
 Author : DOE
 Date : 10/87
 Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-1-CA-I-HW/RW (Razed buildings)
6. Release Site Descriptor : TA-16-16-009-0026
7. Installation Identifier : TA-16-01-26
8. Alternative Identifier : Not identified
9. Site Description :
Area associated with location of former HE casting building.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has been surveyed
South coordinate : 35+00
West coordinate : 55+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on available information HE is the only contaminant of concern. Removal of the structure was conducted by burning which would have destroyed any residual HE; therefore no further action is warranted.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Buildings and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed.	1945	R02m
•Building removed.	1968	R02m

22. Comments:

Construction at TA-16 began in 1944 and continued to expand during the war. The purpose of the complex was for explosive manufacturing, storage, treatment, and testing. Many of the buildings became obsolete and were subsequently removed by burning in the 1950's and 1960's. Noncombustible materials were disposed of at Mesita Del Buey or in the canyon north of the burning ground ((R01r). The only hazardous material listed as being used at the site is HE (R01m).

23. Information Resources

Engineering Drawings

- Reference R01e
 - Title : ENG - R134 Revision 7
 - Author : LANL
 - Date : 09/01/55
 - Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Structures removed from IA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02m
Title : ENG 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-2-S/CA-A/I-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-001-306a
7. Installation Identifier : TA-16-2-306a
8. Alternative Identifier : SMU# 16-003g ✓
9. Site Description :
One of two collection HE sumps systems serving building 16-306.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 45+00
West coordinate : 25+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Sump and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R04r
BARIUM, TOTAL	U	CAS	7440-39-3	R04r
VOLATILES	U	ERP	VOL	R02m
OIL & GREASE BY GRAV ETHER EXTRACT	U	ERP	IOGGE	R02r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-306 constructed	1953	R03m
•ER Program site reconnaissance	1988	R01s

22. Comments:

For many years it has been the practice at TA-16 to route any industrial process water containing particles of high explosive through high-explosive baffle-filter/sumps before discharge. The baffle-filters or settling areas have, apparently, been regularly cleaned of high explosives ever since the sumps were put in use (R04m). TA-16-306 functions as a plastics development and processing facility for TA-16. No HE is currently used at this site (R01i). An H-Division report mentions monitoring for Toluene Diisocyanate at 16-306 (R01r). Salgado reports in a memo that TA-16-306 is one of the two largest users of solvents at TA-16 (R01m). A later memo states that the following solvents are used at TA-16-306: Freon, PCA solvent, acetone, chloroethene, and methylene chloride (R02m). TA-16-306 has also been noted for heavy solvent use as well as discharge of plastics and oil in effluents (R02r). The sump was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R879
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Larry Hatler, M-1, site visit
Author : Roy F. Weston
Date : 06/06/89
Location: Field notebook #69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Effluent scope committee
Author : Salgado
Date : 06/01/71
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Group GMX-3 effluents
Author : Panowski/Salgado
Date : 07/28/71
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : H-Division monthly report 01/20 - 02/20
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02r
Title : LA - 4925
Author : Baytos
Date : 1972
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R04r
Title : SWMU Report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-2-S/CA-A/I-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-002-306b
7. Installation Identifier : TA-16-2-306b
8. Alternative Identifier : SWMU# 16-003g✓
9. Site Description :
One of two HE sumps systems serving building 16-306. Includes a sump, and drain line.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 45+00
West coordinate : 25+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Sump and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R04r
BARIUM, TOTAL	U	CAS	7440-39-3	R04r
VOLATILES	U	ERP	VOL	R02m
OIL & GREASE BY GRAV ETHER EXTRACT	U	ERP	IOGGE	R02r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-306 constructed	1953	R03m
•ER Program site reconnaissance	1988	R01s

22. Comments:

For many years it has been the practice at TA-16 to route any industrial process water containing particles of high explosive through high-explosive baffle-filter/sumps before discharge. The baffle-filters or settling areas have, apparently, been regularly cleaned of high explosives ever since the sumps were put in use (R04m). TA-16-306 functions as a plastics development and processing facility for TA-16. No HE is currently used at this site (R01i). An H-Division report mentions monitoring for Toluene Diisocyanate at 16-306 (R01r). Salgado reports in a memo that TA-16-306 is one of the two largest users of solvents at TA-16 (R01m). A later memo states that the following solvents are used at TA-16-306: Freon, PCA solvent, acetone, chlorothene, and methylene chloride (R02m). TA-16-306 has also been noted for heavy solvent use as well as discharge of plastics and oil in effluents (R02r). The sump was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R879

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

• Reference R01i

Title : Interview with Larry Hatler, M-1, site visit

Author : Roy F. Weston

Date : 06/06/89

Location: Field notebook #69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Effluent scope committee

Author : Salgado

Date : 06/01/71

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : Group GMX-3 effluents

Author : Panowski/Salgado

Date : 07/28/71

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : H-Division monthly report 01/20 - 02/20

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02r

Title : LA - 4925

Author : Baytos

Date : 1972

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R04r

Title : SWMU Report

Author : LANL

Date : 1988

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-2-S/CA-A/I-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-003-304a
7. Installation Identifier : TA-16-2-304a
8. Alternative Identifier : SWMU# 16-003f
9. Site Description :
One of two HE sumps serving building 16-304.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 45+00
West coordinate : 26+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Sump and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
VOLATILES	U	ERP	VOL	R01r
OIL & GREASE BY GRAV ETHER EXTRACT	U	ERP	IOGGE	R01r
BARIUM, TOTAL	U	CAS	7440-39-3	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-304 constructed	1953	R02m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

For many years it has been the practice at TA-16 to route any industrial process water containing particles of high explosive through high-explosive baffle-filter/sumps before discharge. The baffle-filters or settling areas have, apparently, been regularly cleaned of high explosives ever since the sumps were put in use (R02r). In a letter from Voelz to Rosen dated 07/09/79, the structure is listed as being a low health safety hazard due to the use of HE at the facility (R01m). The facility is also noted as discharging solvents, oil, and plastics (R01r). TA-16-304 functions as a plastics development and production facility for TA-16. No HE is currently used at this site (R01i). The sumps was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R879
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Larry Hatler, M-1
Author : Roy F. Weston
Date : 06/06/89
Location: Field notebook #69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Letter to Herman Rosen
Author : Voelz
Date : 07/09/79
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : LA - 4925
Author : Baytos
Date : 1972
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03r

Title : SWMU report

Author : LANL

Date : 1988

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 06/23/88-06/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-2-S/CA-A/1-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-004-304b
7. Installation Identifier : TA-16-2-304b
8. Alternative Identifier : SWMU# 16-003f
9. Site Description :
One of two HE sumps serving building 16-304. Includes a sump and drain line.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 45+00
West coordinate : 26+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Sump and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
VOLATILES	U	ERP	VOL	R01r
OIL & GREASE BY GRAV ETHER EXTRACT	U	ERP	IOGGE	R01r
BARIIUM, TOTAL	U	CAS	7440-39-3	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-304 constructed	1953	R02m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

For many years it has been the practice at TA-16 to route any industrial process water containing particles of high explosive through high-explosive baffle-filter/sumps before discharge. The baffle-filters or settling areas have, apparently, been regularly cleaned of high explosives ever since the sumps were put in use (R02r). In a letter from Voelz to Rosen dated 07/09/79, the structure is listed as being a low health safety hazard due to the use of HE at the facility (R01m). The facility is also noted as discharging solvents, oil, and plastics (R01r). TA-16-304 functions as a plastics development and production facility for TA-16. No HE is currently used at this site (R01i). The sumps was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R879

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

• Reference R01i

Title : Interview with Larry Hatler, M-1

Author : Roy F. Weston

Date : 06/06/89

Location: Field notebook #69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Letter to Herman Rosen

Author : Voelz

Date : 07/09/79

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : LA - 4925

Author : Baytos

Date : 1972

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03r

Title : SWMU report

Author : LANL

Date : 1988

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 06/23/88-06/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-2-S/CA-A/I-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-005-302a
7. Installation Identifier : TA-16-2-302a
8. Alternative Identifier : SWMU# 16-003e
9. Site Description :
One of two HE sumps systems serving building 16-302.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 40+00
West coordinate : 30+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Sump and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R03m
BARIUM, TOTAL	U	CAS	7440-39-3	R03m
VOLATILES	U	ERP	VOL	R03r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-302 constructed	1953	R04m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

For many years it has been the practice at TA-16 to route any industrial process water containing particles of high explosive through high-explosive baffle-filter/sumps before discharge. The baffle-filters or settling areas have, apparently, been regularly cleaned of high explosives ever since the sumps were put in use (R03r). TA-16-302 functions as an HE casting facility. A letter from Voelz to Rosen dated 07/09/79 suggests that structure 16-302 is a moderate health safety hazard as a result of the use of HE at the facility (R03m). An H-Division monthly report mentions air monitoring for anthracene at the site (R01r). Concern over cracks in the floors of the bays and in the trough feeding the sumps has also been reported (R01m). The SWMU report methyl ethyl ketone and acetone as having been potentially released to the sump(R03r). TA-16-302 was listed as discharging low to moderate amounts of HE, and solvents to the environment. The sump was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R872
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Meeting on floor cracking and leakage problems at GMX-3 facilities
Author : Dion
Date : 10/02/63
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Group GMX-3 effluents
Author : Panowski/Salgado
Date : 07/28/71
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Letter to Herman Rosen
Author : Voelz
Date : 07/09/79
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : H-Division monthly report 07/20 - 08/20
Author : LANL
Date : 1954
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03r

Title : SLMU report

Author : LANL

Date : 1988

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 06/23/88-06/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-2-S/CA-A/I-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-006-302b
7. Installation Identifier : TA-16-2-302b
8. Alternative Identifier : SWMU# 16-003e
9. Site Description :
One of two HE sumps serving building 16-302.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 40+00
West coordinate : 30+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Sump and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R03m
BARIUM, TOTAL	U	CAS	7440-39-3	R03m
VOLATILES	U	ERP	VOL	R03r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-302 constructed	1953	R04m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

For many years it has been the practice at TA-16 to route any industrial process water containing particles of high explosive through high-explosive baffle-filter/sumps before discharge. The baffle-filters or settling areas have, apparently, been regularly cleaned of high explosives ever since the sumps were put in use (R03r). TA-16-302 functions as an HE casting facility. A letter from Voelz to Rosen dated 07/09/79 suggests that structure 16-302 is a moderate health safety hazard as a result of the use of HE at the facility (R03m). An H-Division monthly report mentions air monitoring for anthracene at the site (R01r). Concern over cracks in the floors of the bays and in the trough feeding the sumps has also been reported (R01m). The SWMU report notes methyl ethyl ketone and acetone as having been potentially released to the sump (R03r). TA-16-302 was listed as discharging low to moderate amounts of HE, and solvents to the environment (R02m). The sump was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R872
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Meeting on floor cracking and leakage problems at GMX-3 facilities
Author : Dion
Date : 10/02/63
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Group GMX-3 effluents
Author : Panowski/Salgado
Date : 07/28/71
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Letter to Herman Rosen
Author : Voelz
Date : 07/09/79
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : H-Division monthly report 07/20 - 08/20
Author : LANL
Date : 1954
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03r

Title : SWMU report

Author : LANL

Date : 1988

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 06/23/88-06/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-2-S/CA-A/1-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-007-300a
7. Installation Identifier : TA-16-2-300a
8. Alternative Identifier : SWMU# 16-003d
9. Site Description :
One of two HE sumps serving building 16-300.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 30+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Sump and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R02m
BARIUM, TOTAL	U	CAS	7440-39-3	R02m
VOLATILES	U	ERP	VOL	R01i

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-300 constructed	1953	R03m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

For many years it has been the practice at TA-16 to route any industrial process water containing particles of high explosive through high-explosive baffle-filter/sumps before discharge. The baffle-filters or settling areas have, apparently, been regularly cleaned of high explosives ever since the sumps were put in use (R02r). TA-16-300 functions as an HE inert mock-up development facility which generates process and washdown water that goes to the sumps. A letter from Voelz to Rosen dated 07/09/79 suggests that structure 16-300 is a moderate health safety hazard as a result of the use of HE at the facility (R03m). Concern over cracks in the floors of the bays and in the trough feeding the sumps has also been reported (R01m). An H-Division report also mentions the use of octyl at the facility (R01r). During an interview with Lynn Parkinson it was learned that solvents are used at the facility (R01i). The sump was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R871
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : ER Program site photograph
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkinson, WX-3, phone conversation
Author : Roy F. Weston
Date : 07/19/89
Location: Field Notebook #69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Meeting on floor cracking and leakage problems at GMX-3 facilities
Author : Dion
Date : 10/02/63
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Letter to Herman Rosen
Author : Voela
Date : 07/09/79
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : H-Division monthly report 11/20 - 12/20
Author : LANL
Date : 1955
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03r
Title : SWMU report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 06/23/88-06/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-2-S/CA-A/1-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-008-300b
7. Installation Identifier : TA-16-2-300b
8. Alternative Identifier : SWMU# 16-003d
9. Site Description :
One of two HE sumps serving building 300.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 30+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Operational
Current Owner/Operating Group : WX-3
14. Site Type : Sump and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R02m
BARIUM, TOTAL	U	CAS	7440-39-3	R02m
VOLATILES	U	ERP	VOL	R01i

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-300 constructed	1953	R03m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

For many years it has been the practice at TA-16 to route any industrial process water containing particles of high explosive through high-explosive baffle-filter/sumps before discharge. The baffle-filters or settling areas have, apparently, been regularly cleaned of high explosives ever since the sumps were put in use (R02r). TA-16-300 functions as an HE inert mock-up development facility which generates process and washdown water that goes to the sumps. A letter from Voelz to Rosen dated 07/09/79 suggests that structure 16-300 is a moderate health safety hazard as a result of the use of HE at the facility (R03m). Concern over cracks in the floors of the bays and in the trough feeding the sumps has also been reported (R01m). An H-Division report also mentions the use of octyl at the facility (R01r). During an interview with Lynn Parkinson it was learned that solvents are used at the facility (R01i). The sump was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R871
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : ER Program site photograph
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkinson, WX-3, phone conversation
Author : Roy F. Weston
Date : 07/19/89
Location: Field Notebook #69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Meeting on floor cracking and leakage problems at GMX-3 facilities
Author : Dion
Date : 10/02/63
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Letter to Herman Rosen
Author : Voels
Date : 07/09/79
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : H-Division monthly report 11/20 - 12/20
Author : LANL
Date : 1955
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03r
Title : SWMU report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 06/23/88-06/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-2-S/CA-A/I-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-009-301a
7. Installation Identifier : TA-16-2-301a
8. Alternative Identifier : SWMU# 16-003s
9. Site Description :
One of two HE sumps serving building 16-301. Includes a sump and drain line.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 40+00
West coordinate : 35+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Sump and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R02r
BARIUM, TOTAL	U	CAS	7440-39-3	R02r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
+TA-16-304 constructed	1953	R02m
+ER Program site reconnaissance.	1988	R01s

22. Comments:

For many years it has been the practice at TA-16 to route any industrial process water containing particles of high explosive through high-explosive baffle-filter/sumps before discharge. The baffle-filters or settling areas have, apparently, been regularly cleaned of high explosives ever since the sumps were put in use (R02r). TA-16-301 function as a rest house for the inert mock-up development facility. The sump is expected to have received wash water generated during cleaning exercise. The structure is listed as discharging low to moderate amounts of contaminants to the environment (R01m). The sump was located during the ER Program site recon. (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R879

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Group GMX-3 effluents

Author : Panowski/Salgado

Date : 07/28/71

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02r

Title : SLMU report

Author : LANL

Date : 1988

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 06/23/88-06/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-2-S/CA-A/1-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-010-301b
7. Installation Identifier : TA-16-2-301b
8. Alternative Identifier : SWMU# 16-003s
9. Site Description :
One of two HE sumps serving building 16-301. Includes a sump and drain line.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 40+00
West coordinate : 35+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Sump and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R02r
BARIIUM, TOTAL	U	CAS	7440-39-3	R02r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-304 constructed	1953	R02m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

For many years it has been the practice at TA-16 to route any industrial process water containing particles of high explosive through high-explosive baffle-filter/sumps before discharge. The baffle-filters or settling areas have, apparently, been regularly cleaned of high explosives ever since the sumps were put in use (R02r). TA-16-301 function as a rest house for the inert mock-up development facility. The sump is expected to have received wash water generated during cleaning exercise. The structure is listed as discharging low to moderate amounts of contaminants to the environment (R01m). The sump was located during the ER Program site recon. (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R879
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Group GMX-3 effluents
Author : Panowski/Salgado
Date : 07/28/71
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02r
Title : SLMU report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 06/23/88-06/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-2-S/CA-A/I-HW/rw (Sumps)
6. Release Site Descriptor : TA-16-18-011-303a
7. Installation Identifier : TA-16-2-303a
8. Alternative Identifier : SWMU# 16-003r
9. Site Description :
One of two HE sumps serving building 16-303. Includes a sump, and drain line.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 45+00
West coordinate : 30+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Sump and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R02r
BARIUM, TOTAL	U	CAS	7440-39-3	R02r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-303 constructed	1953	R01m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

For many years it has been the practice at TA-16 to route any industrial process water containing particles of high explosive through high-explosive baffle-filter/sumps before discharge. The baffle-filters or settling areas have, apparently, been regularly cleaned of high explosives ever since the sumps were put in use (R02r). TA-16-303, rest house, serving HE casting facility, TA-16-302, has two associated HE sumps. The sumps are expected to have received wash water during cleaning activities. The sump was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R879
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02r
Title : ~~SMU~~ Report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-2-S/CA-A/I-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-012-303b
7. Installation Identifier : TA-16-2-303b
8. Alternative Identifier : SWMU# 16-003r
9. Site Description :
One of two HE sumps serving building 16-303. Includes a sump and drain line.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 45+00
West coordinate : 30+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Sump and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R02r
BARIIUM, TOTAL	U	CAS	7440-39-3	R02r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-303 constructed	1953	R01m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

For many years it has been the practice at TA-16 to route any industrial process water containing particles of high explosive through high-explosive baffle-filter/sumps before discharge. The baffle-filters or settling areas have, apparently, been regularly cleaned of high explosives ever since the sumps were put in use (R02m). TA-16-305, rest house, has two HE sumps which have received washdown generated during cleaning activities. The sump was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R879
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02r
Title : SWMU Report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-2-S/CA-A/I-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-013-305a
7. Installation Identifier : TA-16-2-305a
8. Alternative Identifier : SWMU# 16-003q
9. Site Description :
One of two HE sumps systems serving building 16-305.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 45+00
West coordinate : 30+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Sump and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R02r
BARIUM, TOTAL	U	CAS	7440-39-3	R02r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-305 constructed	1953	R01m
•ER Program site reconnaissance	1988	R01s

22. Comments:

For many years it has been the practice at TA-16 to route any industrial process water containing particles of high explosive through high-explosive baffle-filter/sumps before discharge. The baffle-filters or settling areas have, apparently, been regularly cleaned of high explosives ever since the sumps were put in use (R02r). TA-16-305, rest house, has two HE sumps which have received washdown generated during cleaning activities. The sump was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R879
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02r
Title : SWMU Report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-2-S/CA-A/I-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-014-305b
7. Installation Identifier : TA-16-2-305b
8. Alternative Identifier : SWMU# 16-003q
9. Site Description :
One of two HE sumps serving building 16-305. Includes a sump, and drain line.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 45+00
West coordinate : 30+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Sump and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R02r
BARIUM, TOTAL	U	CAS	7440-39-3	R02r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-305 constructed	1953	R01m
•ER Program site reconnaissance	1988	R01s

22. Comments:

For many years it has been the practice at TA-16 to route any industrial process water containing particles of high explosive through high-explosive baffle-filter/sumps before discharge. The baffle-filters or settling areas have, apparently, been regularly cleaned of high explosives ever since the sumps were put in use (R02r). TA-16-305, rest house, has two HE sumps which have received washdown generated during cleaning activities. The sump was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R879
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02r
Title : SWMU Report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-2-A/1-HW (Sumps)
6. Release Site Descriptor : TA-16-18-015-0307
7. Installation Identifier : TA-16-2-307
8. Alternative Identifier : SWMU# 16-003p
9. Site Description :
Two sumps located on the east side of TA-16-307. System includes sumps and drain lines.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 50+00
West coordinate : 25+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Sump and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R02r
BARIUM, TOTAL	U	CAS	7440-39-3	R02r
VOLATILES	U	ERP	VOL	R01i

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-307 constructed.	1951	R02m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

For many years it has been the practice at TA-16 to route any industrial process water containing particles of high explosive through high-explosive baffle-filter/sumps before discharge. The baffle-filters or settling areas have, apparently, been regularly cleaned of high explosives ever since the sumps were put in use (R02r). TA-16-307, a rest house, has two sumps located on the east side of the structure. Included in the system are two sumps and the associated drain lines. An H-Division report mentions the use of anthracene at TA-16-307 (R01r). TA-16-307 was listed as discharging low to moderate amounts of hazardous constituents to the environment (R01m). At one time in the past TA-16-307 had a solvent disassembly task used in removing HE from inert components (R01i). The sump was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R875
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkinson, WX-3, phone conversation
Author : Roy F. Weston
Date : 07/19/89
Location: Field notebook # 69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Group GMX-3 effluents
Author : Panowski/Salgado
Date : 07/28/71
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : H-division mothly report 01/20 - 02/20 16.000225
Author : LANL
Date : 1955
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02r

Title : SWMU report

Author : LANL

Date : 1988

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 06/23/88-06/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-2-A/I-HW (Sumps)
6. Release Site Descriptor : TA-16-18-016-0267
7. Installation Identifier : TA-16-2-267
8. Alternative Identifier : SWMU# 16-003j ✓
9. Site Description :
HE sump associated with building 16-267.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+00 527+50
West coordinate : 30+00 432+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Sump and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01i
BARIUM, TOTAL	U	CAS	7440-39-3	R01i
VOLATILES	U	ERP	VOL	R01r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-267 constructed	1951	R02m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

For many years it has been the practice at TA-16 to route any industrial process water containing particles of high explosive through high-explosive baffle-filter/sumps before discharge. The baffle-filters or settling areas have, apparently, been regularly cleaned of high explosives ever since the sumps were put in use (R01r). The facility functions as an in process assembly facility for HE products machined at TA-16-260 (R01i). TA-16-267 was listed as discharging low to moderate amounts of HE to the environment (R01m). The sump was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R862

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

• Reference R01i

Title : Interview with Lynn Parkinsoon, WX-3, phone conversation

Author : Roy F. Weston

Date : 07/19/89

Location: Field notebook #69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Group GMX-3 effluents

Author : Panowski/Salgado

Date : 07/28/71

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : SWMU report

Author : LANL

Date : 1988

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-2-A/I-HW (Sumps)
6. Release Site Descriptor : TA-16-18-017-0280
7. Installation Identifier : TA-16-2-280
8. Alternative Identifier : SWMU# 16-003h
9. Site Description :
HE sump associated with building 16-280.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+00
West coordinate : 40+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Sump and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01r
BARIUM, TOTAL	U	CAS	7440-39-3	R01r
URANIUM, TOTAL		CAS	7440-61-1	R02m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-280 constructed	1951	R03m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

For many years it has been the practice at TA-16 to route any industrial process water containing particles of high explosive through high-explosive baffle-filter/sumps before discharge. The baffle-filters or settling areas have, apparently, been regularly cleaned of high explosives ever since the sumps were put in use (R01r). TA-16-280 functions as a physical inspection facility for completed HE products. A letter from Voelz to Rosen dated 07/09/79 lists the structure as being a low health hazard as a result of the use of natural uranium and D-38 at the facility (R02m). TA-16-280 was listed as discharging low to moderate amounts of hazardous substances to the environment (R01m). The site was located during the ER Program site reconnaissance visit (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R870
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Group GMX-3 effluents
Author : Panowski/Salgado
Date : 07/28/71
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Letter to Herman Rosen
Author : Voelz
Date : 07/09/79
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : SWMU report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 06/23/88-06/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-16-2-S/CA-A/I-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-018-093a
7. Installation Identifier : TA-16-2-93a
8. Alternative Identifier : Not identified
9. Site Description :
Industrial drain system serving building 16-93, former HE processing/electroplating building. System includes sump and associated drain lines.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 25+00
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : HE sump and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R04m
GROSS BETA	U	ERP	IBETA	R06m
METALS	U	ERP	METLS	R01m
CYANIDE AMENABLE TO CHLORINATION	U	ERP	ICNAM	R01m
BARIUM, TOTAL	U	CAS	7440-39-3	R04m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed.	1951	R08m

22. Comments:

A sump was identified on drawing ENG - R861 (R01e). The sump served TA-16-93 which initially was used for machining HE but was later used as an electroplating shop (R01m). The industrial waste system consists of a sump and associated drain lines. The building was considered contaminated with HE (R04m); however, trace levels of beta emitters were found in water samples taken from the pond west of the site which receives effluent from 16-89 through -93 (R06m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R861

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : S-site demolition and restoration project to remove potential explosives hazards S-site
demolition and restoration project to remove potential explosives hazards

Author : Brooks

Date : 02/11/70

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM ER Program document control
system, Roy F. Weston, Albuquerque, NM

• Reference R03m

Title : Contamination survey: Buildings and structures, TA-16

Author : Eng. Dept.

Date : 02/26/70

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R04m

Title : Contamination survey: Buildings and structures, TA-16

Author : Courtright

Date : 03/03/70

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R05m

Title : Contamination survey: Buildings and structures, TA-16

Author : Buckland

Date : 03/04/70

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R06m

Title : Contamination survey: Buildings and structures, TA-16

Author : Kennedy

Date : 03/09/70

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R07m

Title : Contamination survey: Buildings and structures, TA-16

Author : Mitchell

Date : 03/18/70

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R08m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-16-2-S/CA-A/I-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-019-093b
7. Installation Identifier : TA-16-2-93b
8. Alternative Identifier : Not identified
9. Site Description :
Industrial drain system serving building 16-93, former HE processing/electroplating building. System includes sump and associated drain lines.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 25+00
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Industrial drain system and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R04m
GROSS BETA	U	ERP	IBETA	R06m
METALS	U	ERP	METLS	R01m
CYANIDE AMENABLE TO CHLORINATION	U	ERP	ICNAM	R01m
BARIIUM, TOTAL	U	CAS	7440-39-3	R04m

20. Waste Quantities : Not identified

21. Chronological Events: Not identified

22. Comments:

A sump was identified on drawing ENG - R861 (R01e). The sump served TA-16-93 which initially was used for machining HE but was later used as an electroplating shop (R01m). The industrial waste system consists of a sump and associated drain lines. The building was considered contaminated with HE (R04m); however, trace levels of beta emitters were found in water samples taken from the pond west of the site which receives effluent from 16-89 through -93 (R06m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R861
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : S-site demolition and restoration project to remove potential explosives hazards S-site
demolition and restoration project to remove potential explosives hazards
Author : Brooks
Date : 02/11/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM ER Program document control
system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Contamination survey: Buildings and structures, TA-16
Author : Eng. Dept.
Date : 02/26/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : Contamination survey: Buildings and structures, TA-16
Author : Courtright
Date : 03/03/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R05m
Title : Contamination survey: Buildings and structures, TA-16
Author : Buckland
Date : 03/04/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R06m
Title : Contamination survey: Buildings and structures, TA-16
Author : Kennedy
Date : 03/09/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R07m

Title : Contamination survey: Buildings and structures, TA-16

Author : Mitchell

Date : 03/18/70

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-16-S-A/1-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-020-092a
7. Installation Identifier : TA-16-2-92a
8. Alternative Identifier : Not identified
9. Site Description :
Industrial drain system serving building 16-92, former HE processing building. System includes a sump and associated drain lines.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 25+00
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : HE sump and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
GROSS BETA	U	ERP	1BETA	R02m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed.	1950	R03m

22. Comments:

A sump was identified on drawing ENG - R861 (R01e). The sump served TA-16-92, a former HE processing building. The sump is now inactive but believed to be in place. The industrial waste system includes a sump and associated drain lines. A radiation survey performed on a water sample taken from the earth tank west of the building which received effluent from TA-16-89 through 93 yielded a trace of beta emitters (R02m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R870

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : S-site demolition and restoration project to remove potential explosives hazards

Author : Thrap

Date : 02/11/70

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : Contaminated survey: buildings and structures, TA-16

Author : Kennedy

Date : 03/09/70

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-16-S-A/I-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-021-092b
7. Installation Identifier : TA-16-2-92b
8. Alternative Identifier : Not identified
9. Site Description :
Industrial drain system serving building 16-92, former HE processing building. System includes a sump and associated drain lines.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 25+00
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : HE sump and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
GROSS BETA	U	ERP	IBETA	R02m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed.	1950	R03m

22. Comments:

A sump was identified on drawing ENG - R861 (R01e). The sump served TA-16-92, a former HE processing building. The sump is now inactive but believed to be in place. The industrial waste system includes a sump and associated drain lines. A radiation survey performed on a water sample taken from the earth tank west of the building which received effluent from TA-16-89 through 93 yielded a trace of beta emitters (R02m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R870

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : S-site demolition and restoration project to remove potential explosives hazards

Author : Thrap

Date : 02/11/70

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : Contaminated survey: buildings and structures, TA-16

Author : Kennedy

Date : 03/09/70

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-16-S-A/1-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-022-091a
7. Installation Identifier : TA-16-2-91a
8. Alternative Identifier : Not identified
9. Site Description :
Industrial drain system serving building 16-91, former HE processing building. System includes a sump and associated drain lines.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 27+50
West coordinate : 47+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : HE sumps and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
GROSS BETA	U	ERP	IBETA	R02m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed.	1950	R03m

22. Comments:

A sump was identified on drawing ENG - R870 (R01e). The sump served TA-16-91, a former HE processing building. The sump is now inactive but believed to be in place. The industrial waste system includes a sump and associated drain lines. A radiation survey performed on a water sample taken from the earth tank west of the building which received effluent from TA-16-89 through 93 yielded a trace of beta emitters (R02m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R870
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : S-site demolition and restoration project to remove potential explosives hazards
Author : Thrap
Date : 02/11/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Contaminated survey: buildings and structures, TA-16
Author : Kennedy
Date : 03/09/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : ENG 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-16-S-A/I-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-023-091b
7. Installation Identifier : TA-16-2-91b
8. Alternative Identifier : Not identified
9. Site Description :
Industrial drain system serving building 16-91, former HE processing building. System includes a sump and associated drain lines.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 27+50
West coordinate : 47+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : HE sump and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
GROSS BETA	U	ERP	IBETA	R02m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed.	1950	R03m

22. Comments:

A sump was identified on drawing ENG - R861 (R01e). The sump served TA-16-91, a former HE processing building. The sump is now inactive but believed to be in place. The industrial waste system includes a sump and associated drain lines. A radiation survey performed on a water sample taken from the earth tank west of the building which received effluent from TA-16-89 through 93 yielded a trace of beta emitters (R02m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R870
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : S-site demolition and restoration project to remove potential explosives hazards
Author : Thrap
Date : 02/11/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Contaminated survey: buildings and structures, TA-16
Author : Kennedy
Date : 03/09/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : ENG 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-16-S-A/I-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-024-090a
7. Installation Identifier : TA-16-2-90a
8. Alternative Identifier : Not identified
9. Site Description :
Industrial drain system serving building 16-90, former HE processing building. System includes a sump and associated drain lines.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+00
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : HE sumps and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
GROSS BETA	U	ERP	IBETA	R02m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed.	1950	R03m

22. Comments:

A sump was identified on drawing ENG - R870 (R01e). The sump served TA-16-90, a former HE processing building. The sump is now inactive but believed to be in place. The industrial waste system includes a sump and associated drain lines. A radiation survey performed on a water sample taken from the earth tank west of the building which received effluent from TA-16-89 through 93 yielded a trace of beta emitters (R02m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R870

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : S-site demolition and restoration project to remove potential explosives hazards

Author : Thrap

Date : 02/11/70

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : Contaminated survey: buildings and structures, TA-16

Author : Kennedy

Date : 03/09/70

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-16-S-A/I-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-025-090b
7. Installation Identifier : TA-16-2-90b
8. Alternative Identifier : Not identified
9. Site Description :
Industrial drain system serving building 16-90, former HE processing building. System includes a sump and associated drain lines.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+00
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : HE sumps and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
GROSS BETA	U	ERP	1BETA	R02m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed.	1950	R03m

22. Comments:

A sump was identified on drawing ENG - R870 (R01e). The sump served TA-16-90, a former HE processing building. The sump is now inactive but believed to be in place. The industrial waste system includes a sump and associated drain lines. A radiation survey performed on a water sample taken from the earth tank west of the building which received effluent from TA-16-89 through 93 yielded a trace of beta emitters (R02m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R870

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : S-site demolition and restoration project to remove potential explosives hazards

Author : Thrap

Date : 02/11/70

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : Contaminated survey: buildings and structures, TA-16

Author : Kennedy

Date : 03/09/70

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-16-S-A/I-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-026-089a
7. Installation Identifier : TA-16-2-89a
8. Alternative Identifier : Not identified
9. Site Description :
Industrial drain system serving building 16-89, former HE processing building. System includes a sump and associated drain lines.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+00
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : HE sump and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
GROSS BETA	U	ERP	IBETA	R02m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed.	1950	R03m

22. Comments:

A sump was identified on drawing ENG - R870 (R01e). The sump served TA-16-89 a former HE processing building. The sump is now inactive but believed to be in place. The industrial waste system includes a sump and associated drain lines. A radiation survey performed on a water sample taken from the earth tank west of the building which received effluent from TA-16-89 through 93 yielded a trace of beta emitters (R02m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R870
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : S-site demolition and restoration project to remove potential explosives hazards
Author : Thrap
Date : 02/11/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Contaminated survey: buildings and structures, TA-16
Author : Kennedy
Date : 03/09/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : ENG 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-16-S-A/I-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-027-089b
7. Installation Identifier : TA-16-2-89b
8. Alternative Identifier : Not identified
9. Site Description :
Industrial drain system serving building 16-89, former HE processing building. System includes a sump and associated drain lines.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+00
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : HE sump and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
GROSS BETA	U	ERP	1BETA	R02m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed.	1950	R03m

22. Comments:

A sump was identified on drawing ENG - R870 (R01e). The sump served TA-16-89 a former HE processing building. The sump is now inactive but believed to be in place. The industrial waste system includes a sump and associated drain lines. A radiation survey performed on a water sample taken from the earth tank west of the building which received effluent from TA-16-89 through 93 yielded a trace of beta emitters (R02m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R870

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : S-site demolition and restoration project to remove potential explosives hazards

Author : Thrap

Date : 02/11/70

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : Contaminated survey: buildings and structures, TA-16

Author : Kennedy

Date : 03/09/70

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-16-2-S/CA-A/I-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-028-099a
7. Installation Identifier : TA-16-2-99a
8. Alternative Identifier : Not identified
9. Site Description :
Industrial drain system serving building 16-99, former HE processing building. System includes sump and associated drain lines.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+00
West coordinate : 52+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : HE sump and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
BORON, TOTAL	U	CAS	7440-42-8	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Structure constructed.	1950	R02m

22. Comments:

A sump was identified on drawing ENG - R861 (R01e). The sump served TA-16-99 which was a former HE processing building. The sump is part of the industrial waste system which also includes an associated drain line. The sump is suspected to be contaminated with HE (R01m). The sump is expected to still be in place but is inactive.

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R869

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : S-site demolition and restoration project to remove potential explosives hazards

Author : Thrap

Date : 02/11/70

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-16-2-S/CA-A/1-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-029-099b
7. Installation Identifier : TA-16-2-99b
8. Alternative Identifier : Not identified
9. Site Description :
Industrial drain system serving building 16-99, former HE processing building. System includes sump and associated drain lines.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 30+00
West coordinate : 52+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : HE sump and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Structure constructed.	1950	R02m

22. Comments:

A sump was identified on drawing ENG - R861 (R01e). The sump served TA-16-99 which a former HE processing building. The sump is part of the industrial waste system which also includes an associated drain line. The sump is suspected to be contaminated with HE (R01m). The sump is expected to still be in place but is inactive.

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R869

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : S-site demolition and restoration project to remove potential explosives hazards

Author : Thrap

Date : 02/11/70

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-16-2-S/CA-A/I-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-030-0095
7. Installation Identifier : TA-16-2-95
8. Alternative Identifier : Not identified
9. Site Description :
Industrial drain system serving building 16-95, former HE machining building. System includes a sump and associated drain lines.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : HE sump and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
BARIIUM, TOTAL	U	CAS	7440-39-3	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed.	1948	R02m
•Building removed.	1960	R02m

22. Comments:

A sump was identified on drawing ENG - R870 (R01e) The sump served TA-16-95, former HE machining building. The building has been removed; however, structure description in the engineering files do not mention the removal of the sump or drain line (R02m). The industrial waste line from the sump ties in with drains from three other building and discharge to a common outfall. The machining building was noted to be contaminated prior to its removal (R01m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R869

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Return of laboratory structures

Author : Eng. Dept.

Date : 10/02/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-16-2-S/CA-A/1-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-031-0096
7. Installation Identifier : TA-16-2-96
8. Alternative Identifier : Not identified
9. Site Description :
Industrial drain system serving building 16-96, a former HE machining building. System includes a sump and associated drain lines.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : HE sump and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed.	1948	R02m
•Building removed.	1960	R02m

22. Comments:

A sump was identified on drawing ENG - R870 (R01e) The sump served TA-16-96, former HE machining building. The building has been removed; however, structure description in the engineering files do not mention the removal of the sump or drain line (R02m). The industrial waste line from the sump ties in with drains from three other building and discharge to a common outfall. The machining building was noted to be contaminated prior to its removal (R01m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R870
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Return of laboratory structures
Author : Eng. Dept.
Date : 10/02/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : ENG 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-16-2-S/CA-A/I-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-032-0097
7. Installation Identifier : TA-16-2-97
8. Alternative Identifier : Not identified
9. Site Description :
Industrial drain system serving building 16-97, a former HE machining building. System includes a sump and associated drain lines.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 35+00
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : HE sump and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed.	1948	R02m
•Building removed.	1960	R02m

22. Comments:

A sump was identified on drawing ENG - R870 (R01e) The sump served TA-16-97, former HE machining building. The building has been removed; however, structure description in the engineering files do not mention the removal of the sump or drain line (R02m). The industrial waste line from the sump ties in with drains from three other building and discharge to a common outfall. The machining building was noted to be contaminated prior to its removal (R01m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R870

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Return of laboratory structures

Author : Eng. Dept.

Date : 10/02/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-16-2-S/CA-A/I-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-033-0098
7. Installation Identifier : TA-16-2-98
8. Alternative Identifier : Not identified
9. Site Description :
Industrial drain system serving building 16-98, a former HE machining building. System includes a sump and associated drain lines.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings'
South coordinate : 35+00
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : HE sump and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
BARIIUM, TOTAL	U	CAS	7440-39-3	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed.	1948	R02m
•Building removed.	1960	R02m

22. Comments:

A sump was identified on drawing ENG - R870 (R01e) The sump served IA-16-98, former HE machining building. The building has been removed; however, structure description in the engineering files do not mention the removal of the sump or drain line (R02m). The industrial waste line from the sump ties in with drains from three other building and discharge to a common outfall. The machining building was noted to be contaminated prior to its removal (R01m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R870

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Return of laboratory structures

Author : Eng. Dept.

Date : 10/02/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-16-S-A/I-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-034-0025
7. Installation Identifier : TA-16-2-25
8. Alternative Identifier : Not identified
9. Site Description :
Industrial drain system serving building 16-25, former HE process building. System includes a sump and associated drain lines. Electroplating was also performed at the site.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 40+00
West coordinate : 55+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : HE sump and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R04m
CYANIDE AMENABLE TO CHLORINATION	U	ERP	ICNAM	R01r
METALS	U	ERP	METLS	R01r
BARIIUM, TOTAL	U	CAS	7440-39-3	R04m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-25 constructed.	1944	R05m
•TA-16-25 removed.	1968	R05m

22. Comments:

A sump was noted to have been associated with TA-16-25, a former HE process building. The building was noted to have been contaminated with HE (R04m). The building was also found to have HE in cracks in the floor and on the ground under the floor. It has been noted that removal of the sump and drain was not completed along with the removal of TA-16-25 (R05m). It is uncertain if the job was completed at a later time. A drainage area near S40, W55 was noted to be HE contaminated as a result of the outfall (R03m). The building also was used in electroplating operations which utilized cyanide and sodium hydroxide in the operation (R01r).

23. Information Resources

Memos

- Reference R01m
Title : Future of S-site
Author : Kistiakowsky
Date : 10/04/45
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Radiation health clearance of old "S" and "T" site buildings
Author : Thrap
Date : 08/15/57
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : S-site demolition and restoration project to remove potential explosives hazards
Author : Thrap
Date : 02/11/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : Radiation Health Clearance of Old "S" ad "T" Site Building
Author : Buckland
Date : 08/15/57
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R05m
Title : ENG 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : H-Division monthly report 07/20 - 08/20
Author : LANL
Date : 1950
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-16-2-S/CA-A/1-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-035-0026
7. Installation Identifier : TA-16-2-026
8. Alternative Identifier : Not identified
9. Site Description :
Industrial drain system serving TA-16-26, former HE machining building. System includes a sump and associated drain lines.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 37+50
West coordinate : 55+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : HE sump and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed.	1944	R02m
•Building removed.	1968	R02m

22. Comments:

A sump was identified on drawing ENG - R869 (R01e) as serving TA-16-26, a former HE machining facility. The building was removed in 1968 along with the sump and drain line (R02m). The building was listed as having used HE in the past (R01m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R869

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Structures removed from TA-16

Author : Blackwell

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : ENG 7 structures list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-16-2-S/CA-A/I-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-036-0024
7. Installation Identifier : TA-16-2-024
8. Alternative Identifier : Not identified
9. Site Description :
Industrial drain system serving TA-16-24, former analytical laboratory. System includes a sump and associated drain lines.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 37+50
West coordinate : 52+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : HE sump and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R02m
BARIUM, TOTAL	U	CAS	7440-39-3	R02m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed.	1946	R01m
•Building removed.	1968	R01m

22. Comments:

A sump was identified as being associated with TA-16-24, former analytical laboratory and to have been removed with the building in 1968 (R01m). The associated building was listed as being free of radioactive contamination (R02m) but having used HE (R03m).

23. Information Resources

Memos

- Reference R01m
Title : ENG 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02m
Title : Radiation health clearance of surplus laboratory structures
Author : Blackwell
Date : 04/30/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-16-2-S/CA-A/I-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-037-0148
7. Installation Identifier : TA-16-2-148
8. Alternative Identifier : Not identified
9. Site Description :
Industrial drain system serving TA-16-148, former storage building. System includes a sump and associated drain lines.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 37+50
West coordinate : 52+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Sump and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R03m
BARIUM, TOTAL	U	CAS	7440-39-3	R03m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Structure constructed.	1950	R01m
•Structure removed.	1968	R01m

22. Comments:

A sump was identified as being associated with TA-16-148, former storage building, and to have been removed with the building in 1968 (R03m). The associated building was listed as having stored HE (R03m) while being free of radioactive contamination (R02m).

23. Information Resources

Memos

- Reference R01m
Title : ENG 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02m
Title : Radiation health clearance of surplus laboratory structures
Author : Blackwell
Date : 04/30/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-16-2-S/CA-A/I-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-038-0028
7. Installation Identifier : TA-16-2-028
8. Alternative Identifier : Not identified
9. Site Description :
Industrial drain system serving TA-16-28, former cooling tower. System includes a sump and associated drain lines.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 37+00
West coordinate : 50+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Sump and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Building constructed.	1945	R01m
•Building removed.	1968	R01m

22. Comments:

A sump was identified as being associated with TA-16-28, former cooling tower, and to have been removed with the building in 1968 (R01m). The associated building was listed as having used no hazardous materials in the past (R02m). Contaminants of concern are associated with chemicals added to the water to inhibit scale and algae growth; however, no records of chemicals used in conjunction with the tower have been identified.

23. Information Resources

Memos

• Reference R01m

Title : ENG 7 structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : Structures removed from TA-16

Author : Blackwell

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-2-A/I-HW (Sumps)
6. Release Site Descriptor : TA-16-18-039-0100
7. Installation Identifier : TA-16-2-100
8. Alternative Identifier : Not identified
9. Site Description :
Sump serving building 16-100, former HE process building. System includes sump and associated line.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 40+00
West coordinate : 47+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : HE sump, drainlines and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-100 constructed.	1949	R02m
•TA-16-100 removed.	1960	R02m

22. Comments:

Engineering drawing R877 (R01e) indicated the presence of a industrial drain system serving TA-16-100, a former HE process building. The system was found to include a sump and a associated drain lines which discharged to waste system serving old V-Site (R01e). TA-16-100 was noted as being contaminated with HE before its removal (R01m). It is unknown if the sump was removed with TA-16-100.

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R882

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Return of laboratory structure

Author : Eng. dept.

Date : 10/02/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA16-2-A/1-HW (Sumps)
6. Release Site Descriptor : TA-16-18-042-0265
7. Installation Identifier : TA-16-2-265
8. Alternative Identifier : SWMU# 16-003i✓
9. Site Description :
HE sump associated with building 16-265.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 25+00
West coordinate : 35+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Sump and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R01i
BARIUM, TOTAL	U	CAS	7440-39-3	R01i
URANIUM, TOTAL		CAS	7440-61-1	R02m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-265 constructed	1951	R02m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

For many years it has been the practice at TA-16 to route any industrial process water containing particles of high explosive through high-explosive baffle-filter/sumps before discharge. The baffle-filters or settling areas have, apparently, been regularly cleaned of high explosives ever since the sumps were put in use (R02r). TA-16-265 functions as a in process assembly facility (R01i). An H-Division report mentions the use of vythene and chloromaleic anhydride at 16-265 (R01r). TA-16-265 was listed as discharging low to moderate amounts of hazardous effluent to the environment (R01m). The sump was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R870
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Interviews

- Reference R01i
Title : Interview with Lynn Parkinsoon, WX-3, phone conversation
Author : Roy F. Weston
Date : 07/19/89
Location: Field notebook #69, ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Group GMX-3 effluents
Author : Panowski/Salgado
Date : 07/28/71
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Letter to Herman Rosen
Author : Voelz
Date : 07/09/79
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : SWMU report

Author : LANL

Date : 1988

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 06/23/88-06/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-16-2-S-A/1-HW/RW (Sumps)
6. Release Site Descriptor : TA-16-18-043-0801
7. Installation Identifier : TA-16-2-0801
8. Alternative Identifier : SWMU# 16-005m
9. Site Description :
Former manhole associated with HE sump drainline, originating from buildings TA-16-95, 96, 97, and 98.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 32+50
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : HE manhole and any associated soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	C	ERP	HE	R01m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m

20. Waste Quantities : Not identified

21. Chronological Events: Not identified

22. Comments:

An HE manhole was identified on drawing ENG - R870 (R01e). The manhole received HE sump effluent from HE machining facilities, TA-16-95, 96, 97, and 98. The buildings were removed in 1960 by burning (R02m). The manhole is not listed as removed but is noted as having received HE effluent (R01m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R870

Author : LANL

Date : 1958

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/02/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02m
Title : ENG 7 structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : SWMU report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02r
Title : CEARP phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA24-3-CA-I-HW/RW (Outfalls)
6. Release Site Descriptor : TA-24-01-038-490b
7. Installation Identifier : TA-24-3-490b
8. Alternative Identifier : Not identified
9. Site Description :
Former open ditch possibly receiving discharge from building 16-490.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed
Coordinates : Not identified
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Open ditch and any residual soil contamination.
15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
BARIUM, TOTAL	U	CAS	7440-39-3	R02m
URANIUM-238	U	ERP	U-238	R03m
BERYLLIUM, TOTAL	U	CAS	7440-41-7	R01m
HIGH EXPLOSIVES	U	ERP	HE	R02m
VOLATILES	U	ERP	VOL	R01m

20. Waste Quantities : Not identified

21. Chronological Events: Not identified

22. Comments:

The presence of a ditch which may have received effluent from TA-24 is mentioned in the Phase 1 (R03r). A number of activities have been identified as being performed at TA-16-490 which may have generated effluent that flowed to the pit. A 1948 memo mentions studies on beryllium. Cleanup techniques included a rinse, and wash water probably went to a septic tank. The solvent used was reported to be amyl acetate, with the possibility that ethylene dichloride and dioxane were used thereafter (R01m). A memo by Blackwell (R03m) also mentions the use of U-238 at TA-16-490 (a laboratory from which the ditch received effluent). TA-16-490 was also noted as being contaminated with HE but free of radioactive and toxic contamination (R02m). In 1945, plans for an enlarged darkroom at TA-24 were mentioned (R01r). A special darkroom is also indicated at the site (R02r). These facilities were most likely located in TA-16-490. Whether spent photographic solutions, possible beryllium, residue, and solvent solutions drained to an open ditch or to the septic tank is not known (R03r).

23. Information Resources

Memos

- Reference R01m
Title : T-site
Author : Shulte
Date : 1948
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02m
Title : Return of laboratory structures
Author : Eng Dept
Date : 10/02/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R04m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : Progress Report, T-site
Author : Tenney
Date : 04/04/45
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02r
Title : Progress Report, T-site
Author : Tenney
Date : 06/02/45
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R04r

Title : SWMU Report

Author : LANL

Date : 1988

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA24-3-CA-1-HW/RW (Outfall)
6. Release Site Descriptor : TA-24-01-037-490a
7. Installation Identifier : TA-24-3-490a
8. Alternative Identifier : RFA# 16.062
9. Site Description :
Outfall from northeast side of building 16-490.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 24+50
West coordinate : 53+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Drainline, outfall, and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
BARIUM, TOTAL	U	CAS	7440-39-3	R02m
URANIUM-238	U	ERP	U-238	R03m
BERYLLIUM, TOTAL	U	CAS	7440-41-7	R01m
HIGH EXPLOSIVES	U	ERP	HE	R02m
VOLATILES	U	ERP	VOL	R01m

20. Waste Quantities : Not identified

21. Chronological Events: Not identified

22. Comments:

An outfall was identified on Drawing ENG - R860 (R02e). The outfall is associated with the former laboratory TA-16-490. A number of activities were performed at TA-16-490 including investigation with beryllium and film development. A 1948 memo mentions studies on beryllium. Cleanup techniques included a rinse, the wash water probably went to a septic tank. The solvent used was reported to be amyl acetate, with the possibility that ethylene dichloride and dioxane were used thereafter (R01m). A memo also mentions that U-238 was present at TA-16-490 (R03m). In 1945 plans for an enlarged darkroom at TA-24 were mentioned (R01r). A special darkroom is also indicated (R02r). These facilities were likely located at TA-16-490. Whether spent photographic solutions, possible beryllium residue, and solvent solutions drained to an open ditch, a separate outfall or to the septic tank is not known. Prior to the removal of TA-16-490 the structure was found to be free of toxic and radiation contamination but was contaminated with HE (R02m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R134 Revision 7

Author : LANL

Date : 03/31/52

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02e

Title : ENG - R860

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : T-site

Author : Shulte

Date : 1948

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : Return of laboratory structures

Author : Eng Dept

Date : 10/02/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03m

Title : Structures removed from TA-16

Author : Blackwell

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R04m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : Progress Report, T-site
Author : Tenney
Date : 04/04/45
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02r
Title : Progress Report, T-site
Author : Tenney
Date : 06/02/45
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R04r
Title : SWMU Report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R05r
Title : LANL RCRA facility assessment
Author : LANL
Date : 08/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA24-3-CA-1-HW/RW (Outfall)
6. Release Site Descriptor : TA-24-01-039-0504
7. Installation Identifier : TA-24-3-504
8. Alternative Identifier : Not identified
9. Site Description :
Outfall from septic tank 16-504.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 26+00
West coordinate : 55+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Drainline, outfall, and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
BARIUM, TOTAL	U	CAS	7440-39-3	R02m
URANIUM-238	U	ERP	U-238	R03m
BERYLLIUM, TOTAL	U	CAS	7440-41-7	R01m
HIGH EXPLOSIVES	U	ERP	HE	R02m
VOLATILES	U	ERP	VOL	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Septic tank installed.	1948	R04m
•Septic tank removed.	1963	R03r

22. Comments:

An outfall was identified on Drawing ENG - R860 (R01e), the outfall,(16-5-504) is associated with removed septic tank 16-504 which served building 16-490, laboratory. A number of activities were performed at TA-16-490 including investigation with beryllium and film development. A 1948 memo mentions studies on beryllium. Cleanup techniques included a rinse, and the wash water probably went to a septic tank. The solvent used was reported to be amyl acetate, with the possibility that ethylene dichloride and dioxane were used thereafter (R01m). In 1945, plans for an enlarged darkroom at TA-24 were mentioned (R01r). A special darkroom is also indicated (R02r). These facilities were most likely located at TA-16-490. Whether spent photographic solutions, possible beryllium residue, and solvent solutions drained to an open ditch, a separate outfall or to the septic tank is not known. Prior to the removal of TA-16-490 the structure was found to be free of toxic and radiation contamination but was contaminated with HE (R02m). The structure is also noted as housing operations utilizing uranium (R03m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R860
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : T-site
Author : Shulte
Date : 1948
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Return of laboratory structures
Author : Eng Dept
Date : 10/02/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : Progress Report, T-site
Author : Tenney
Date : 04/04/45
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02r

Title : Progress Report, T-site

Author : Tenney

Date : 06/02/45

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R04r

Title : SWMU Report

Author : LANL

Date : 1988

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA24-2-S/UST-1-HW/RW (Drains and septic tanks)
6. Release Site Descriptor : TA-24-02-002-0504
7. Installation Identifier : TA-24-2-504
8. Alternative Identifier : SWMU# 24-001a
9. Site Description :
Former sanitary septic tank TA-16-504, formerly T-15, serving former building 16-490. Included tank and lines.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 24+50
West coordinate : 52+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Septic tank and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
BARIUM, TOTAL	U	CAS	7440-39-3	R02m
URANIUM-238	U	ERP	U-238	R03m
BERYLLIUM, TOTAL	U	CAS	7440-41-7	R03r
HIGH EXPLOSIVES	U	ERP	HE	R02m
VOLATILES	U	ERP	VOL	R03r

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Construction of septic tank.	1948	R04m
•Tank removed.	1963	R03r

22. Comments:

In 1954 plans for an enlarged darkroom at TA-24 were mentioned (R01r). A special darkroom is also indicated as being present at T-Site, however, the location of this facility is unknown (R02r). The septic tank was removed in 1963. Spent photographic solutions, beryllium residue, and solvent solution may have drained to the septic tank (R03r). Septic tank 16-504 was identified on drawing R860 (R03r) as serving building 16-490 (laboratory). The associated technical area was used for a number of activities. A 1948 memo mentions studies of beryllium at T-Site. Cleanup techniques included a rinse, and the wash water probably went to a septic tank. The solvent used was reported to be amyl acetate, with the possibility that ethylene dichloride and dioxane were used thereafter (R01m). A memo also suggests that U-238 was used at the TA-16-490 (R03m). TA-16-490 was noted as being contaminated with HE but free of radioactive and toxic contamination prior to its removal (R02m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R143
Author : LANL
Date : 03/31/50
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02e
Title : ENG - R134 Revision 5
Author : LANL
Date : 01/05/52
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03e
Title : ENG R860
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : T-site
Author : Shulte
Date : 1948
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Return of laboratory structures
Author : Eng Dept
Date : 10/02/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R04m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : Progress report, T-site
Author : Tenney
Date : 04/04/45
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02r
Title : Progress report, T-site
Author : Tenney
Date : 06/02/45
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04r
Title : SWMU Report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA24-1-CA-1-HW/RW (Structures)
6. Release Site Descriptor : TA-24-08-003-0490
7. Installation Identifier : TA-24-1-490
8. Alternative Identifier : Not identified
9. Site Description :
Former lab building TA-16-490, formerly T-1, removed in 1960. Found to be contaminated with HE before removal.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 24+00
West coordinate : 54+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Laboratory and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
VOLATILES	U	ERP	VOL	R01m
BARIUM, TOTAL	U	CAS	7440-39-3	R04m
HIGH EXPLOSIVES	U	ERP	HE	R04m
BERYLLIUM, TOTAL	U	CAS	7440-41-7	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Construction of laboratory bldg.	1945	R07m
•Found free of toxic and radioactive contamination.	1959	R04m
•Found to be contaminated with HE.	1959	R04m
•Structure burned.	1960	R05m

22. Comments:

A 1948 memo mentions studies on beryllium conducted at T-site (R01m). Cleanup techniques included a rinse and the wash water probably went to a septic tank. The solvent used was reported to be amyl acetate, with the possibility that ethylene dichloride and dioxane were used thereafter (R01m). In 1959, TA-16-490, the old T-site laboratory, was found to be contaminated with HE while a survey for toxic contaminants yielded negative results (R04m). In 1960, the decision was made to remove TA-24 structures, and on Feb. 5, 1960 the structures were burned (R05m). A radiation survey prior to the fire detected no radiation contaminant (R03m); however, U-238 is listed as having been used in the structure (R06m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R134

Author : LANL

Date : 01/05/52

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : T-Site

Author : Shulte

Date : 06/17/48

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : HE contamination of abandoned structures

Author : Russo

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03m

Title : Radiation health clearance of surplus laboratory structures

Author : Blackwell

Date : 04/30/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R04m

Title : Return of laboratory structures

Author : Eng Dept

Date : 10/02/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R05m

Title : Demolition of buildings by burning

Author : Wingfield

Date : 05/27/60

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R06m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R07m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA24-1-CA-1-HW/RW (Structure)
6. Release Site Descriptor : TA-24-08-004-0495
7. Installation Identifier : TA-24-1-495
8. Alternative Identifier : Not identified
9. Site Description :
Former X-ray hutment TA-16-495, formerly T-6, removed in 1960. Found to be contaminated with HE before removal.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 21+50
West coordinate : 52+50
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on surveys performed at the site before and after removal of the structure, HE was the only contaminant identified as being present. HE residue would be expected to have been destroyed during the burning; therefore, no further action is suggested.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Hutment and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•X-Ray hutment constructed.	1947	R07m
•Shelf found to be contaminated with uranium.	1957	R01m
•Uranium and HE contamination reported.	1959	R02m
•Structure burned.	1960	R08m
•Radiation survey performed.	1960	R05m

22. Comments:

A series of memos from 1944 to 1945 mention inspecting explosives with X-Rays (R02r, R03r, R04r, R05r). Radium was used as a source of some work. Depleted uranium was also noted as being tested by means of X-Ray (R06r). In 1957, TA-16-495, formerly T-6 old T-site X-ray hutment, was found to have one shelf contaminated with uranium that emitted 500 counts/min gross alpha (R01m). In 1959, this structure was found to contain uranium contamination; HE contamination was also reported (R02m). In 1960 the decision was made to remove the structure. On February 5, 1969, the structure was burned (R08m). A radiation survey following the fire detected no radioactive contamination on any of the debris (R05m). In a survey conducted prior to burning, the structure was found to be free of radioactive and toxic contamination (R03m). A summary of materials used at TA-16-495 noted the use of U-238 at the facility (R06m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R143
Author : LANL
Date : 03/31/50
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02e
Title : ENG - R134 Revision 5
Author : LANL
Date : 01/05/52
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Radiation health clearance of old S and T site buildings
Author : Buckland
Date : 1957
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Radiation health clearance of surplus laboratory structures
Author : Blackwell
Date : 04/30/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Return of laboratory structures
Author : Eng Dept
Date : 10/02/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : HE contamination of abandoned structures
Author : Russo
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R05m
Title : Monitoring results from survey of concrete pads and debris following burning of superstructures
Author : Buckland
Date : 1966
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R06m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R07m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R08m
Title : Demolition of buildings by burning
Author : Wingfield
Date : 05/27/60
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02r
Title : Progress Report, T-Site
Author : Tenney
Date : 09/10/44
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03r
Title : Progress Report, T-Site
Author : Tenney
Date : 10/10/44
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R04r
Title : Progress Report, T-Site
Author : Tenney
Date : 12/04/44
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R05r

Title : Progress Report, T-Site

Author : Tenney

Date : 04/04/45

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R06r

Title : Progress Report, T-Site

Author : Tenney

Date : 06/02/45

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : 8R PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA24-1-CA-I-HW/RW (Structures)
6. Release Site Descriptor : TA-24-08-005-0499
7. Installation Identifier : TA-24-1-499
8. Alternative Identifier : Not identified
9. Site Description :
Former X-ray hutment TA-16-499, formerly T-10, removed in 1960. Found to be contaminated with HE and gross alpha before removal.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 22+00
West coordinate : 51+50
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on surveys performed at the site before and after removal of the structure, HE was the only contaminant identified as being present. HE residue would be expected to have been destroyed during the burning; therefore, no further action is suggested.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Hutment and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Construction of X-Ray hutment.	1945	R08m
•Found to have alpha contamination.	1957	R01m
•Found to have gross alpha and HE contamination.	1959	R03m
•Structure burned.	1960	R05m
•Radiation survey following burning.	1960	R06m

22. Comments:

A series of memos from 1944 to 1945 mention inspecting explosives with X-Rays (R02r, R03r, R04r, R05r). Radium was used as a source for some work. Depleted uranium was also noted as being inspected by means of X-Ray (R06r). In 1957, TA-16-499, formerly T-15 an X-Ray hutment, was found to have alpha contamination in the range of 500 to 6000 c/m on a shelf (R01m). In 1960 the decision was made to remove TA-24 structures and on 02/05/60 the structures were burned (R05m). A radiation survey following the fire detected no radioactive contamination (R06m). The structure was also found to be free of toxic contamination but contaminated with HE (R03m). In a summary of materials used in the former TA-16 buildings uranium 238 was listed for 16-499 (R07m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R143

Author : LANL

Date : 03/31/50

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02e

Title : ENG - R134 Revision 5

Author : LANL

Date : 01/05/52

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Radiation health clearance of old S and T-site buildings

Author : Buckland

Date : 1957

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : Radiation health clearance of surplus laboratory structures

Author : Blackwell

Date : 04/30/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03m

Title : Return of laboratory structures

Author : Eng Dept

Date : 10/02/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R04m

Title : HE contamination of abandoned structures

Author : Russo

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R05m
Title : Demolition of buildings by burning
Author : Wingfield
Date : 05/27/60
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R06m
Title : Monitoring results from survey of concrete pads and debris following burning of superstructures
Author : Buckland
Date : 1966
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R07m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R08m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02r
Title : Progress Report, T-Site
Author : Tenney
Date : 09/10/44
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03r
Title : Progress Report, T-Site
Author : Tenney
Date : 10/10/44
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R04r
Title : Progress Report, T-Site
Author : Tenney
Date : 12/04/44
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R05r

Title : Progress Report, T-Site

Author : Tenney

Date : 04/04/45

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R06r

Title : Progress Report, T-Site

Author : Tenney

Date : 06/02/45

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA24-1-CA-I-HW/RW (Structures)
6. Release Site Descriptor : TA-24-08-006-0500
7. Installation Identifier : TA-24-1-500
8. Alternative Identifier : Not identified
9. Site Description :
Former X-ray hutment TA-16-500, formerly T-11, removed in 1960. Found to be contaminated with HE before removal.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 21+50
West coordinate : 53+50
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on surveys performed at the site before and after removal of the structure, HE was the only contaminant identified as being present. HE residue would be expected to have been destroyed during the burning; therefore, no further action is suggested.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : X-ray hutment and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Construction of X-ray hutment.	1945	R08r
•Hutment found to be contaminated with uranium.	1957	R01m
•Found to be contaminated with HE.	1959	R03m
•Structure burned.	1960	R05m
•Radiation survey following burning.	1960	R06m
•Debris removed to TA-54.	1966	R01r

22. Comments:

A series of memos from 1944 to 1945 mention inspecting explosives with X-Rays (R02r, R03r, R04r, R05r). Radium was used as a source for some work. Depleted uranium was also noted as being inspected by means of X-Ray (R06r). In 1957, TA-16-500, formerly T-2 an old T-Site X-ray hutment was found to have uranium contamination (R01m). Building 16-500 was found to be contaminated with HE but free of toxic contamination in 1959 (R03m). In 1960 the decision was made to remove the structure and on 02/05/60 the structure was burned (R05m). A radiation survey following the fire detected no radiation contamination on any of the debris; however, the recommendation was made that the concrete be removed to a disposal area for contaminated material (R06m). The debris was disposed of at Mesita Del Buey or the canyon north of the TA-16 burning ground. In a radiation survey performed prior to burning, the structure was also found to be clean (R02m). In a summary of materials used in the former TA-16 buildings, lists uranium 238 for 16-500 (R07m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R143
Author : LANL
Date : 03/31/50
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02e
Title : ENG - R134 Revision 5
Author : LANL
Date : 01/05/52
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Radiation health clearance of old S and T-site buildings
Author : Buckland
Date : 1957
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02m
Title : Radiation health clearance of surplus laboratory structures
Author : Blackwell
Date : 04/30/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03m
Title : Return of laboratory structures
Author : Eng Dept
Date : 10/02/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R04m
Title : HE contamination of abandoned structures
Author : Russo
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R05m
Title : Demolition of buildings by burning
Author : Wingfield
Date : 05/27/60
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R06m
Title : Monitoring results from survey of concrete pads and debris following burning of superstructures
Author : Buckland
Date : 1966
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R07m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R08m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02r
Title : Progress Report, T-Site
Author : Tenney
Date : 09/10/44
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03r
Title : Progress Report, T-Site
Author : Tenney
Date : 10/10/44
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R04r
Title : Progress Report, T-Site
Author : Tenney
Date : 12/04/44
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R05r

Title : Progress Report, T-Site

Author : Tenney

Date : 04/04/45

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R06r

Title : Progress Report, T-Site

Author : Tenney

Date : 06/02/45

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA24-1-CA-1-HW/RW (Structures)
6. Release Site Descriptor : TA-24-09-008-0491
7. Installation Identifier : TA-24-1-491
8. Alternative Identifier : Not identified
9. Site Description :
Former hutment TA-16-491, formerly T-2, removed in 1960. Found to be contaminated with HE before removal.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 24+00
West coordinate : 52+50
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on surveys performed at the site before and after removal of the structure, HE was the only contaminant identified as being present. HE residue would be expected to have been destroyed during the burning; therefore, no further action is suggested.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Hutment and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Construction of laboratory building.	1945	R06m
•Found free of toxic contamination.	1959	R01m
•Found to be contaminated with HE.	1959	R01m
•Found to be free of radioactive contamination.	1959	R03m
•Structure burned.	1960	R05m

22. Comments:

In 1959, TA-16-491, formerly T-2, an old T-site hutment was found to be contaminated with HE while a survey for toxic contamination yielded negative results (R01m). In 1960, the decision was made to remove TA-24 structures, and on Feb. 5, 1960 the structures were burned (R05m). A radiation survey prior to the fire detected no radiation contamination (R03m); however, U-238 is listed to have been used in the structure (R04m).

23. Information Resources

Engineering Drawings

- Reference R03e
Title : ENG - R143
Author : LANL
Date : 03/31/50
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02e
Title : ENG - R134 Revision 5
Author : LANL
Date : 01/05/52
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Return of laboratory structures
Author : Eng Dept
Date : 10/02/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02m
Title : HE contamination of abandoned structures
Author : Russo
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03m
Title : Radiation health clearance of surplus laboratory structures
Author : Blackwell
Date : 04/30/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R04m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R05m

Title : Demolition of buildings by burning

Author : Wingfield

Date : 05/27/60

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R06m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA24-1-CA-1-HW/RW
6. Release Site Descriptor : TA-24-09-009-0492
7. Installation Identifier : TA-24-1-492
8. Alternative Identifier : Not identified
9. Site Description :
Former hutment TA-16-492, formerly T-3, removed in 1960. Found to be contaminated with HE before removal.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 53+00
West coordinate : 52+50
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on surveys performed at the site before and after removal of the structure, HE was the only contaminant identified as being present. HE residue would be expected to have been destroyed during the burning; therefore, no further action is suggested.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Hutment and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Construction of laboratory building.	1945	R06m
•Found free of toxic contamination.	1959	R01m
•Found to be contaminated with HE.	1959	R01m
•Found to be free of radioactive contamination.	1959	R03m
•Structure burned.	1960	R05m

22. Comments:

In 1959, TA-16-491, formerly T-2, an old T-site hutment was found to be contaminated with HE while a survey for toxic contamination yielded negative results (R01m). In 1960, the decision was made to remove TA-24 structures, and on Feb. 5, 1960 the structures were burned (R05m). A radiation survey prior to the fire detected no radiation contamination (R03m); however, U-238 is listed to have been used in the structure (R04m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R143

Author : LANL

Date : 03/31/50

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02e

Title : ENG - R134 Revision 5

Author : LANL

Date : 01/05/52

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Return of laboratory structures

Author : Eng Dept

Date : 10/02/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : HE contamination of abandoned structures

Author : Russo

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03m

Title : Radiation health clearance of surplus laboratory structures

Author : Blackwell

Date : 04/30/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R04m

Title : Structures removed from TA-16

Author : Blackwell

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R05m

Title : Demolition of buildings by burning

Author : Wingfield

Date : 05/27/60

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R06m

Title : ENG-Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA24-1-CA-1-HW/RW (Structures)
6. Release Site Descriptor : TA-24-09-010-0493
7. Installation Identifier : TA-24-1-493
8. Alternative Identifier : Not identified
9. Site Description :
Former magazine TA-16-493, formerly T-4, removed in 1960. Found to be contaminated with HE before removal.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 22+50
West coordinate : 52+50
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on surveys performed at the site before and after removal of the structure, HE was the only contaminant identified as being present. HE residue would be expected to have been destroyed during the burning; therefore, no further action is suggested.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Magazine and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Construction of laboratory building.	1945	R06m
•Found free of toxic contamination.	1959	R01m
•Found to be contaminated with HE.	1959	R01m
•Found to be free of radioactive contamination.	1959	R03m
•Structure burned.	1960	R05m

22. Comments:

In 1959, TA-16-491, formerly T-2, an old T-site magazine was found to be contaminated with HE while a survey for toxic contamination yielded negative results (R01m). In 1960, the decision was made to remove TA-24 structures, and on Feb. 5, 1960 the structures were burned (R05m). A radiation survey prior to the fire detected no radiation contamination (R03m); however, U-238 is listed to have been used in the structure (R04m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R143

Author : LANL

Date : 03/31/50

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02e

Title : ENG - R134 Revision 5

Author : LANL

Date : 01/05/52

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Return of laboratory structures

Author : Eng Dept

Date : 10/02/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : HE contamination of abandoned structures

Author : Russo

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03m

Title : Radiation health clearance of surplus laboratory structures

Author : Blackwell

Date : 04/30/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R04m

Title : Structures removed from IA-16

Author : Blackwell

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R05m

Title : Demolition of buildings by burning

Author : Wingfield

Date : 05/27/60

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R06m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA24-1-CA-I-HW/RW (Structure)
6. Release Site Descriptor : TA-24-09-011-0494
7. Installation Identifier : TA-24-1-494
8. Alternative Identifier : Not identified
9. Site Description :
Former magazine TA-16-494, formerly T-5, removed in 1960. Found to be contaminated with HE before removal.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 22+00
West coordinate : 52+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on surveys performed at the site before and after removal of the structure, HE was the only contaminant identified as being present. HE residue would be expected to have been destroyed during the burning; therefore, no further action is suggested.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Magazine and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Construction of laboratory building.	1945	R06m
•Found free of toxic contamination.	1959	R01m
•Found to be contaminated with HE.	1959	R01m
•Found to be free of radioactive contamination.	1959	R03m
•Structure burned.	1960	R05m

22. Comments:

In 1959, TA-16-491, formerly T-2, an old T-site magazine was found to be contaminated with HE while a survey for toxic contamination yielded negative results (R01m). In 1960, the decision was made to remove TA-24 structures, and on Feb. 5, 1960 the structures were burned (R05m). A radiation survey prior to the fire detected no radiation contamination (R03m); however, U-238 is listed to have been used in the structure (R04m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R143
Author : LANL
Date : 03/31/50
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02e
Title : ENG - R134 Revision 5
Author : LANL
Date : 01/05/52
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Radiation health clearance of surplus laboratory structures
Author : Blackwell
Date : 04/30/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Return of laboratory structures
Author : Eng Dept
Date : 10/02/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : HE contamination of abandoned structures
Author : Russo
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : Demolition of buildings by burning
Author : Wingfield
Date : 05/27/60
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R05m

Title : Structures removed from TA-16

Author : Blackwell

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R06m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA24-1-CA-I-HW/RW (Structure)
6. Release Site Descriptor : TA-24-09-012-0496
7. Installation Identifier : TA-24-1-496
8. Alternative Identifier : Not identified
9. Site Description :
Former hutment TA-16-496, formerly T-7, removed in 1960. Found to be contaminated with HE before removal.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 24+50
West coordinate : 52+50
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on surveys performed at the site before and after removal of the structure, HE was the only contaminant identified as being present. HE residue would be expected to have been destroyed during the burning; therefore, no further action is suggested.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Hutment and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Construction of laboratory building.	1945	R06m
•Found free of toxic contamination.	1959	R01m
•Found to be contaminated with HE.	1959	R01m
•Found to be free of radioactive contamination.	1959	R03m
•Structure burned.	1960	R05m

22. Comments:

In 1959, TA-16-491, formerly T-2, an old T-site hutment was found to be contaminated with HE while a survey for toxic contamination yielded negative results (R01m). In 1960, the decision was made to remove TA-24 structures, and on Feb. 5, 1960 the structures were burned (R05m). A radiation survey prior to the fire detected no radiation contamination (R03m); however, U-238 is listed to have been used in the structure (R04m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R143

Author : LANL

Date : 03/31/50

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02e

Title : ENG - R134 Revision 5

Author : LANL

Date : 01/05/52

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Radiation health clearance of surplus laboratory structures

Author : Blackwell

Date : 04/30/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : Return of laboratory structures

Author : Eng Dept

Date : 10/02/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03m

Title : HE contamination of abandoned structures

Author : Russo

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R04m

Title : Structures removed from TA-16

Author : Blackwell

Date : 11/17/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R05m

Title : Demolition of buildings by burning

Author : Wingfield

Date : 05/27/60

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R06m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA24-1-CA-I-HW/RW
6. Release Site Descriptor : TA-24-09-013-0497
7. Installation Identifier : TA-24-1-497
8. Alternative Identifier : Not identified
9. Site Description :
Former magazine TA-16-497, formerly T-8, removed in 1960. Found to be contaminated with HE before removal.
10. Site Location:
Coordinate system and units : LAML Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 23+00
West coordinate : 51+00
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on surveys performed at the site before and after removal of the structure, HE was the only contaminant identified as being present. HE residue would be expected to have been destroyed during the burning; therefore, no further action is suggested.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Magazine and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Magazine constructed.	1945	R09m
•Strontium contamination identified.	1954	R01m
•Strontium contamination identified again.	1957	R02m
•Strontium and HE contamination identified.	1959	R04m
•Magazine burned.	1960	R07m
•Radiation survey performed.	1960	R06m
•Debris disposed at TA-54.	1966	R06m

22. Comments:

A series of memos from 1944 to 1945 mention inspecting explosives with X-ray (R02r, R03r, R04r, R05r). Radium was used as a source for some work. Depleted uranium was also noted as being inspected by means of X-Ray (R06r). In 1954, the old T site magazine, 16-497, was surveyed and found to have a spot-reading of 0.4 mr/h on the doorstep and six spots ranging in activity from 3 to > 20 mr/h on the concrete floor inside. The activity was caused by strontium-90, which had been deposited when a strontium-contaminated barium source broke in the magazine (R01m). Most of the activity was reduced to .05 mr/h or less; however, in 1957, 3 spots of up to 2 mr/d of strontium-90 were identified in a crack in the floor (R02m). Magazine TA-16-497 was noted as being contaminated with HE and radioactivity but free of toxic contamination (R04m). In 1960, the decision was made to remove the structure and on Feb 5, 1960 the structure was burned (R07m). A radiation survey following the fire detected no radioactive contamination on any of the debris; however, the recommendation was made that the concrete be removed to a disposal area for contaminated material (R06m). The debris was disposed at Mesita Del Buey or in the Canyon north of the TA-16 burning ground. A radiation survey conducted prior to burning also suggested the structure was free of radioactive contamination (R03m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R143
Author : LANL
Date : 03/31/50
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02e
Title : ENG - R134 Revision 5
Author : LANL
Date : 01/05/52
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : 90-SR contamination located on old T-site magazine
Author : Buckland
Date : 1954
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Radiation health clearance of old S and T-site buildings
Author : Buckland
Date : 1957
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Radiation health clearance of surplus laboratory structures
Author : Blackwell
Date : 04/30/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : Return of laboratory structures
Author : Eng Dept
Date : 10/02/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R05m
Title : HE contamination of abandoned structures
Author : Russo
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R06m
Title : Monitoring results from survey of concrete pads and debris following burning of superstructures
Author : Buckland
Date : 1966
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R07m
Title : Demolition of buildings by burning
Author : Wingfield
Date : 05/27/60
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R08m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R09m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02r
Title : Progress Report, T-Site
Author : Tenney
Date : 09/10/44
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03r
Title : Progress Report, T-Site
Author : Tenney
Date : 10/10/44
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R04r

Title : Progress Report, T-Site

Author : Tenney

Date : 12/04/44

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R05r

Title : Progress Report, T-Site

Author : Tenney

Date : 04/04/45

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R06r

Title : Progress Report, T-Site

Author : Tenney

Date : 06/02/45

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA24-1-CA-I-HW/RW (Structures)
6. Release Site Descriptor : TA-24-09-014-0498
7. Installation Identifier : TA-24-1-498
8. Alternative Identifier : Not identified
9. Site Description :
Former hutment TA-16-498, formerly T-9, removed in 1960. Found to be contaminated with HE before removal.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 23+50
West coordinate : 52+50
Elevation : Not identified
11. Program Phase : NFA
12. Program Phase Rationale :
Based on surveys performed at the site before and after removal of the structure, HE was the only contaminant identified as being present. HE residue would be expected to have been destroyed during the burning; therefore, no further action is suggested.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Hutment and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Construction of laboratory building.	1945	R06m
•Found free of toxic contamination.	1959	R01m
•Found to be contaminated with HE.	1959	R01m
•Found to be free of radioactive contamination.	1959	R03m
•Structure burned.	1960	R05m

22. Comments:

In 1959, TA-16-491, formerly T-2, an old T-site hutment was found to be contaminated with HE while a survey for toxic contamination yielded negative results (R01m). In 1960, the decision was made to remove TA-24 structures, and on Feb. 5, 1960 the structures were burned (R05m). A radiation survey prior to the fire detected no radiation contamination (R03m); however, U-238 is listed to have been used in the structure (R04m).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R143

Author : LANL

Date : 03/31/50

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02e

Title : ENG - R134 Revision 5

Author : LANL

Date : 01/05/52

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Radiation health clearance of surplus laboratory structures

Author : Blackwell

Date : 04/30/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : Return of laboratory structures

Author : Eng Dept

Date : 10/02/59

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03m

Title : HE contamination of abandoned structures

Author : Russo

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R04m

Title : Demolition of buildings by burning

Author : Wingfield

Date : 05/27/60

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R05m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R06m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA24-2-S/UST-I-HW/RW (Drains and septic tanks)
6. Release Site Descriptor : TA-24-18-040-0507
7. Installation Identifier : TA-24-2-507
8. Alternative Identifier : SWMU# 24-001b
9. Site Description :
Chemical sump pit TA-16-507, formerly T-18; removed in 1960.
10. Site Location:
Coordinate system and units : LAHL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 21+00
West coordinate : 53+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI Scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Sump pit and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
BARIUM, TOTAL	U	CAS	7440-39-3	R02m
URANIUM-238	U	ERP	U-238	R03m
BERYLLIUM, TOTAL	U	CAS	7440-41-7	R01m
HIGH EXPLOSIVES	U	ERP	HE	R02m
VOLATILES	U	ERP	VOL	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Construction of sump.	1944	R04m
•Sump found to be HE contaminated.	1959	R02m
•Pit abandoned in place.	1960	R04m

22. Comments:

A chemical sump pit was identified on drawing Eng R143 (R01e). A number of activities have been identified as being performed at TA-16-490 which may have generated effluent that flowed to the pit (R03m). A 1948 memo mentions studies on beryllium. Cleanup techniques included a rinse, and wash water probably went to a septic tank. The solvent used was reported to be amyl acetate, with the possibility that ethylene dichloride and dioxane were used thereafter (R01m). In 1953, the chemical sump pit was indicated to be contaminated with HE (R02m). A report indicates that the pit received various chemicals and was removed in 1960, the report also suggests that U-238 was present in building 16-490 (a laboratory from which the sump received effluent)(R03m). In 1945, plans for an enlarged darkroom at TA-24 were mentioned (R01r). A special darkroom is also indicated (R02r). Whether spent photographic solutions, possible beryllium residue, and solvent solutions drained to an open ditch or to the septic tank is not known.

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R143
Author : LANL
Date : 03/31/50
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02e
Title : ENG - R134 Revision 5
Author : LANL
Date : 01/05/52
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : T-site
Author : Shulte
Date : 1948
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02m
Title : Return of laboratory structures
Author : Eng Dept
Date : 10/02/59
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R04m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : Progress report, T-site
Author : Tenney
Date : 04/04/45
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02r
Title : Progress report, T-site
Author : Tenney
Date : 06/02/45
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R04r
Title : SMMU Report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA25-3-0/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-25-01-054-515a
7. Installation Identifier : TA-25-3-515a
8. Alternative Identifier : RFA# 16.062
9. Site Description :
Outfall from combined industrial and sanitary waste line originating at buildings 16-515 and 16-100.
10. Site Location:
Coordinate system and units : LAHL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 42+50
West coordinate : 40+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Outfall and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
BARIUM, TOTAL	U	CAS	7440-39-3	R02m
HIGH EXPLOSIVES	U	ERP	HE	R02m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-515 constructed.	1944	R05m
•ER Program Site Reconnaissance.	1988	R01s

22. Comments:

An outfall was identified on ENG drawing R877 (R01e) originating from building 16-515 which functioned as an assembly facility for HE Products. The drain lines receive both sanitary and industrial effluent. Building 16-100 (Process building) also feeds into the line. The drain line was found to be free of toxic and radioactive contamination (R03m, R04m, R01m) but to be contaminated with HE (R02m). The outfall was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R877

Author : LANL

Date : 1959

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

• Reference R01m

Title : Contamination survey: buildings and structures, TA-16

Author : Kennedy

Date : 1970

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02m

Title : Contamination survey: buildings and structures, TA-16

Author : Courtwright

Date : 03/03/70

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R03m

Title : Contamination survey: buildings and structures, TA-16

Author : Mitchel

Date : 03/18/70

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R04m

Title : Contamination survey: buildings and structures, TA-16

Author : Buckland

Date : 03/04/70

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R05m

Title : ENG 7 Structure list

Author : LANL

Date : Unknown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02r

Title : LANL RCRA facility assessment

Author : LANL

Date : 08/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA25-3-0/CA-A/I-HW (Outfalls)
6. Release Site Descriptor : TA-25-01-060-515b
7. Installation Identifier : TA-25-2-515b
8. Alternative Identifier : Not identified
9. Site Description :
High explosive waste lines leading southeast from building at TA-25. Pipes were removed in the early 1960's (R01r).
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed
Coordinates : Not identified
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Drainline, outfall, and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
BARIUM, TOTAL	U	CAS	7440-39-3	R02m
HIGH EXPLOSIVES	U	ERP	HE	R02m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•ER Program Site Reconnaissance.	1988	R01s

22. Comments:

High explosive waste lines removed in the early 1960's are mentioned in the Phase 1 report (R01r). No maps have been found which show these drains. The drains are thought to have originated from buildings at the V-Site complex and trended southeast. No sign of such drains or information was gained during the ER Program site reconnaissance (R01s).

23. Information Resources

Memos

- Reference R01m
Title : ENG 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02m
Title : Contamination survey buildings and structures TA-16
Author : Courtright
Date : 03/03/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA25-2-CA/ST-1-HW (Drain and Associated Facilities)
6. Release Site Descriptor : TA-25-02-004-0527
7. Installation Identifier : TA-25-2-527
8. Alternative Identifier : SWMU# 25-002a
9. Site Description :
Inactive septic tank TA-16-527, formerly V-12.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 38+00
West coordinate : 43+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Septic tank and any associated soil contaminated.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
BARIUM, TOTAL	U	CAS	7440-39-3	R01m
HIGH EXPLOSIVES	U	ERP	HE	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Septic tank installed.	1944	R03m
•ER Program Site Reconnaissance.	1988	R01s

22. Comments:

Sanitary septic tank V-12, renumbered TA-16-527, served V-site; however, is now inactive (R02m 1983). Possible HE contamination was noted for TA-16-527 (R01m). The tank is noted to be 10'x 6'x 4.5' deep with a wood cover and to have served TA-16-515 (R03m). The tank was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R870
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02e
Title : ENG - R5111 Revision 19
Author : LANL
Date : 08/12/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : ER Program site photograph
Author : LANL
Date : 08/23/88-08/26/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Note in CEARP files
Author : Courtright
Date : 03/02/72
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02m
Title : Disposal of unused process buildings, TA-16
Author : Stephens
Date : 1983
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03m
Title : ENG - 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

• Reference R01r

Title : CEARP Phase 1

Author : DOE

Date : 10/87

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R02r

Title : SWMU Report

Author : LANL

Date : 1988

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA25-1-CA-1-HW/RW (Pits and associated facilities)
6. Release Site Descriptor : TA-25-08-015-0522
7. Installation Identifier : TA-25-1-522
8. Alternative Identifier : Not identified
9. Site Description :
Building housing beryllium operations, removed 1945. Although the exact location is unknown, the structure was located in the general vicinity of TA-16-515.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed
Coordinates : Not identified
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Building and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
BERYLLIUM, TOTAL	U	CAS	7440-41-7	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Structure removed.	1945	R02m
•ER Program site reconnaissance.	1988	R01s

22. Comments:

Building V-3, renumbered 16-522, was removed in 1945 and was noted to have housed beryllium operations (R01m). Details of the removal of these materials are lacking, as is any documentation about the possibility that any residual contamination remains (R01r). No sign of the structures past location was noted during the ER Program site reconnaissance (R01s).

23. Information Resources

Memos

- Reference R01m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02m
Title : ENG - 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA-25-1-CA-1-HW/RW (Pits and Associated Facilities)
6. Release Site Descriptor : TA-25-08-016-0517
7. Installation Identifier : TA-25-1-517
8. Alternative Identifier : Not identified
9. Site Description :
Equipment building removed in 1981. Formerly V-5.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 38+00
West coordinate : 41+50
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Equipment building and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
HIGH EXPLOSIVES	U	ERP	HE	R05m
BARIUM, TOTAL	U	CAS	7440-39-3	R05m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Structure constructed.	1944	R07m
•Structure found contaminated with HE.	02/05/81	R05m
•Removal of structure.	02/05/81	R05m

22. Comments:

TA-16-517, an old equipment building, was at one time V-5 of old TA-25. The structure was found to be free of toxic contamination (R04m); however, HE contamination was noted (R05m). Floor drains were also mentioned as HE contaminated and it was suggested that they be removed. TA-16-517 was also found to be free of radioactive contamination (R02m). HSE-8 stated that they would take soil samples once the structure is removed (R01m) The structure was later removed on 02/05/81 (R07m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R5111 Revision 18
Author : LANL
Date : 04/18/77
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Contamination survey of equipment building TA-16-517
Author : Gunderson
Date : 10/31/80
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Clearance of TA-16-517
Author : Buckland
Date : 11/03/80
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Contamination survey TA-16-517
Author : Courtright
Date : 11/12/80
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : Contamination survey of equipment building TA-16-517
Author : Gray
Date : 01/22/81
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R05m
Title : bRemoval of structure TA-16-517
Author : Montoya
Date : 02/05/81
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R06m

Title : Demolition completion report

Author : ENG-4

Date : 02/05/81

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

• Reference R07m

Title : ENG 7 struction list

Author : LANL

Date : Unkown

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field Notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA25-1-CA-I-HW/RW (Pits and Associated Facilities)
6. Release Site Descriptor : TA-25-15-006-0523
7. Installation Identifier : TA-25-1-523
8. Alternative Identifier : SWMU# 25-001
9. Site Description :
Former pump pit abandoned in place 1945. Although the exact location is unknown, the structure is known to have been located in the vicinity of TA-16-515.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed
Coordinates : Not identified
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Pump pit and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
BERYLLIUM, TOTAL	U	CAS	7440-41-7	R01m
HIGH EXPLOSIVES	U	ERP	HE	R01m
BARIUM, TOTAL	U	CAS	7440-39-3	R01m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•Pump pit constructed.	1944	R02m
•Abandoned in place.	1945	R02m
•ER Program Site Reconnaissance.	1988	R01s

22. Comments:

Pump pit V-9, renumbered 16-523, was indicated to have received HE, and beryllium contaminated solutions (R01m). The structure served old V-site and was noted to have been abandoned in place in 1945 by filling with dirt (R02m). The size of the pit was 16'x11'x4'-3" deep (R02m). No sign of the former pump pit was noted during the ER Program site reconnaissance (R01s).

23. Information Resources

Memos

- Reference R01m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02m
Title : ENG - 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02r
Title : SWMU Report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA25-2-CA/ST-I-HW (Drains and Associated Facilities)
6. Release Site Descriptor : TA-25-15-007-0526
7. Installation Identifier : TA-25-2-526
8. Alternative Identifier : SWMU# 25-002b
9. Site Description :
Pump pit TA-16-526, formerly V-11, at old V-site.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 37+50
West coordinate : 42+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Pump pit and any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern: Not identified

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
• Pump pit constructed.	1945	R02m
• ER Program Site Reconnaissance.	1988	R01s

22. Comments:

TA-16-526, formerly V-11, is a 6'x6'x 6.5' pit (R02m) which is currently inactive (R01m). The original purpose of the pit is unknown as well as if there is chemical or high explosive contamination of the pump pit. The pit was located during the ER Program site reconnaissance (R01s).

23. Information Resources

Engineering Drawings

• Reference R01e

Title : ENG - R5111 Revision 19

Author : LANL

Date : 08/12/83

Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : ER Program site photograph
Author : LANL
Date : 08/23/88-08/26/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Disposal of unused process buildings, TA-16
Author : Stephens
Date : 1983
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : ENG - 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02r
Title : SWMU Report
Author : LANL
Date : 1988
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

- Reference R01s
Title : ER Program site recon. visit
Author : Roy F. Weston
Date : 08/23/88-08/26/88
Location: Field notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM

1. Project Name : ER PROGRAM
2. Installation : LOS ALAMOS NATIONAL LABORATORY
3. Site Name : Not identified
4. Task Number : AL-LA-013
5. Phase 1 Heading : TA25-2-CA/ST-I-HW (Drains and Septic Tanks)
6. Release Site Descriptor : TA-25-18-041-0515
7. Installation Identifier : TA-25-2-515
8. Alternative Identifier : Not identified
9. Site Description :
Drain lines from building 16-515 (old assembly building). Includes building, industrial drain lines, sanitary drain lines, sump, septic tank, and manhole 16-793 through 799.
10. Site Location:
Coordinate system and units : LANL Coordinate System / Feet
The site has not been surveyed; coordinates are estimated from available maps and drawings
South coordinate : 37+50
West coordinate : 45+00
Elevation : Not identified
11. Program Phase : RI Scoping
12. Program Phase Rationale :
Phase 1 and RI scoping activities indicate that the site should be investigated further as part of a RI scoping program.
13. Current Operational Status : Not Operational
Current Owner/Operating Group : WX-3
14. Site Type : Waste system including any residual soil contamination.

15. Potential Pathways : Not identified

16. Generic Waste Type : Not identified

17. EPA Waste Characteristics : Not identified

18. EPA Waste Types : Not identified

19. Contaminants of Concern:

Name of contaminant	Data Quality	Index Type	Index Number	Reference
BERYLLIUM, TOTAL	U	CAS	7440-41-7	R06m
BARIUM, TOTAL	U	CAS	7440-39-3	R03m
HIGH EXPLOSIVES	C	ERP	HE	R03m

20. Waste Quantities : Not identified

21. Chronological Events:

Description	Date	Reference
•TA-16-515 constructed.	1944	R08m
•ER Program Site Reconnaissance	1988	R01s

22. Comments:

In 1970 the floor drains from building 16-515, an old V-SITE building, were reported to empty through manholes, TA-16-793 through 799, into a relatively flat area southeast of the building. Also discharged to this drainage system are sanitary waste from a septic tank serving building 16-515 and a drain line with associated HE sump from building 16-100. Effluent from the outfall was found to be free of radioactive contamination in 1970 (R02m). TA-16-515 primarily functioned as a assembly building during its early years (R02r, R02r, R01m). The drain line was found to be free of radioactive and toxic contamination but contaminated with HE (R03m). The sump and general location of the system was located during the ER Program site reconnaissance, while TA-16-515 was noted to be covered with asbestos siding (R01s). Beryllium contamination is a concern based on the use of the compound at other nearby structures (R06m).

23. Information Resources

Engineering Drawings

- Reference R01e
Title : ENG - R870
Author : LANL
Date : 1959
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Photographs

- Reference R01p
Title : ER Program site photograph
Author : LANL
Date : 08/23/88-08/26/88
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Memos

- Reference R01m
Title : Safety inspection at V-Site
Author : Safety committee
Date : 02/17/45
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R02m
Title : Contamination survey: buildings and structures, TA-16
Author : Kennedy
Date : 1970
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R03m
Title : Contamination survey: buildings and structures, TA-16
Author : Courtwright
Date : 03/03/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM
- Reference R04m
Title : Contamination survey: buildings and structures, TA-16
Author : Buckland
Date : 03/04/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R05m
Title : Contamination survey: buildings and structures, TA-16
Author : Mitchel
Date : 03/18/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R06m
Title : Structures removed from TA-16
Author : Blackwell
Date : 11/17/83
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R07m
Title : S-Site demolition and restoration projects to remove potential explosive hazards
Author : Thrap
Date : 02/11/70
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R08m
Title : ENG - 7 Structure list
Author : LANL
Date : Unknown
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Reports

- Reference R01r
Title : Monthly report of group 0-2 for December 1944
Author : Parsons
Date : 01/16/45
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R02r
Title : Monthly progress report
Author : Schaffer
Date : 02/01/45
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

- Reference R03r
Title : CEARP Phase 1
Author : DOE
Date : 10/87
Location: ER Program document control system, Roy F. Weston, Albuquerque, NM

Site Visits

• Reference R01s

Title : ER Program site recon. visit

Author : Roy F. Weston

Date : 08/23/88-08/26/88

Location: Field notebook #10, ER Program document control system, Roy F. Weston, Albuquerque, NM