

# SURVEY FOR WASTE DISPOSAL SITE TA-54

Los Alamos County, New Mexico

UNITED STATES OF AMERICA  
DEPARTMENT OF ENERGY  
LOS ALAMOS AREA OFFICE  
528 35TH STREET  
LOS ALAMOS, NEW MEXICO 87544

NOTICE OF HAZARDOUS  
WASTE DISPOSAL SITE

SITE DESCRIPTION

A tract of land situate within the Ramon Vigil Grant, Los Alamos County, New Mexico, said tract being more particularly described as follows:

Beginning at the northwest corner of the tract of land herein described, (herein designated as point number 101), from whence Technical Areas Control Survey Monument "BUEY-1966" (having New Mexico State Plane Coordinates X=500, 117.11, Y=1, 758,838.04, Central Zone) bears S47°25'42"E, 1954.84 feet; thence,

S49°20'31"E, 26.25 feet to point number 102; thence, S58°38'27"E, 48.21 feet to point number 103; thence, S60°26'45"E, 41.34 feet to point number 104; thence, S63°20'48"E, 26.10 feet to point number 105; thence, S55°22'30"E, 26.35 feet to point number 106; thence, S40°58'15"E, 12.28 feet to point number 107; thence, S67°49'53"E, 34.77 feet to point number 108; thence, S62°39'42"E, 21.54 feet to point number 109; thence, S66°20'26"E, 34.76 feet to point number 110; thence, S47°31'53"E, 59.08 feet to point number 111; thence, S51°29'50"E, 58.74 feet to point number 112; thence, S53°25'52"E, 25.90 feet to point number 113; thence, S44°56'21"E, 40.05 feet to point number 114; thence, S38°09'39"E, 34.44 feet to point number 115; thence, S59°54'51"E, 28.77 feet to point number 116; thence, S47°56'32"E, 64.61 feet to point number 117; thence, S53°12'38"E, 28.52 feet to point number 118; thence, S53°05'04"E, 52.74 feet to point number 119; thence,

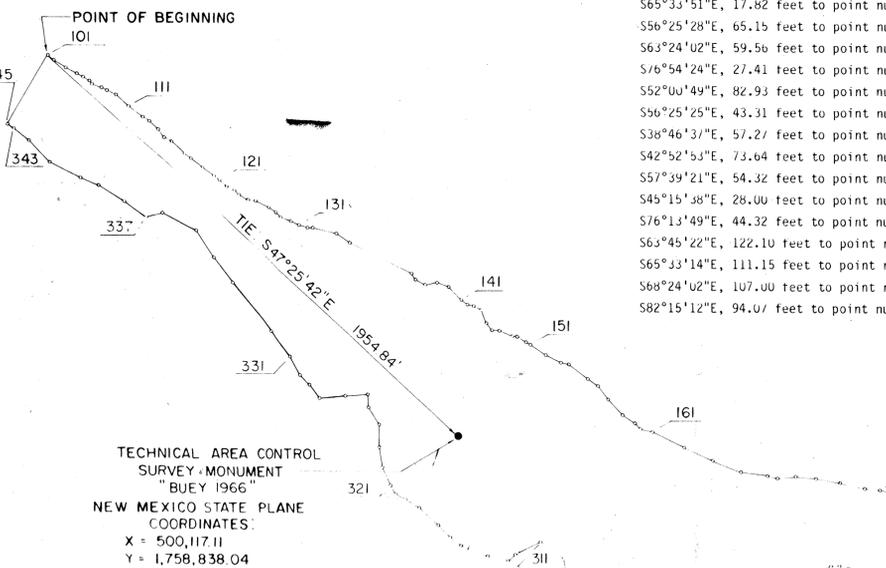
S54°34'34"E, 49.22 feet to point number 120; thence, S51°01'54"E, 25.23 feet to point number 121; thence, S49°08'30"E, 35.05 feet to point number 122; thence, S68°24'53"E, 31.02 feet to point number 123; thence, S45°54'49"E, 23.95 feet to point number 124; thence, S59°31'11"E, 33.53 feet to point number 125; thence, S82°13'08"E, 29.03 feet to point number 126; thence, S65°30'01"E, 51.75 feet to point number 127; thence, S58°41'14"E, 34.63 feet to point number 128; thence, S46°20'33"E, 23.54 feet to point number 129; thence, S69°10'16"E, 38.08 feet to point number 130; thence, S64°23'53"E, 31.13 feet to point number 131; thence, S75°38'19"E, 32.05 feet to point number 132; thence, S89°15'34"E, 17.02 feet to point number 133; thence, S75°53'25"E, 85.20 feet to point number 134; thence, S55°30'25"E, 55.80 feet to point number 135; thence, S64°45'07"E, 244.57 feet to point number 136; thence, S30°27'27"E, 25.03 feet to point number 137; thence, S61°16'44"E, 39.23 feet to point number 138; thence, N79°13'46"E, 40.62 feet to point number 139; thence, S70°22'13"E, 44.59 feet to point number 140; thence, S45°49'31"E, 62.35 feet to point number 141; thence, S51°15'50"E, 26.96 feet to point number 142; thence, S78°20'49"E, 42.18 feet to point number 143; thence, S61°06'18"E, 30.58 feet to point number 144; thence, S23°32'21"E, 48.38 feet to point number 145; thence, S37°00'51"E, 31.76 feet to point number 146; thence, S87°22'45"E, 24.28 feet to point number 147; thence, S67°42'33"E, 48.48 feet to point number 148; thence, S84°03'04"E, 17.46 feet to point number 149; thence, S57°53'23"E, 36.52 feet to point number 150; thence, S65°33'51"E, 17.82 feet to point number 151; thence, S56°25'28"E, 65.15 feet to point number 152; thence, S63°24'02"E, 59.56 feet to point number 153; thence, S76°54'24"E, 27.41 feet to point number 154; thence, S38°46'33"E, 57.27 feet to point number 155; thence, S42°52'53"E, 73.64 feet to point number 156; thence, S57°39'21"E, 54.32 feet to point number 157; thence, S45°15'38"E, 28.00 feet to point number 158; thence, S76°13'49"E, 44.32 feet to point number 159; thence, S63°45'22"E, 122.10 feet to point number 160; thence, S65°33'14"E, 111.15 feet to point number 161; thence, S68°24'02"E, 107.00 feet to point number 162; thence, S82°15'12"E, 94.07 feet to point number 163; thence,

S77°28'03"E, 34.47 feet to point number 166; thence, N85°02'45"E, 64.15 feet to point number 167; thence, S84°52'11"E, 71.24 feet to point number 168; thence, S79°52'35"E, 84.88 feet to point number 169; thence, S77°54'01"E, 87.64 feet to point number 170; thence, S83°43'52"E, 53.30 feet to point number 171; thence, S74°13'53"E, 120.26 feet to point number 172; thence, S69°17'18"E, 168.35 feet to point number 173; thence, N86°23'13"E, 69.98 feet to point number 174; thence, S87°13'41"E, 97.80 feet to point number 175; thence, N88°26'06"E, 54.92 feet to point number 176; thence, S77°32'32"E, 56.00 feet to point number 177; thence, S75°25'07"E, 40.28 feet to point number 178; thence, S76°10'02"E, 43.77 feet to point number 179; thence, S48°25'37"E, 45.54 feet to point number 180; thence, S59°45'44"E, 37.63 feet to point number 181; thence, S57°52'24"E, 63.13 feet to point number 182; thence, S63°48'08"E, 38.37 feet to point number 183; thence, S72°20'49"E, 42.18 feet to point number 184; thence, N80°29'39"E, 39.00 feet to point number 185; thence, S79°41'54"E, 49.60 feet to point number 186; thence, S73°09'46"E, 93.01 feet to point number 187; thence, S66°38'00"E, 34.47 feet to point number 188; thence, S71°01'04"E, 23.99 feet to point number 189; thence, S78°47'33"E, 37.30 feet to point number 190; thence, S82°52'53"E, 45.27 feet to point number 191; thence, S63°07'19"E, 51.52 feet to point number 192; thence, S80°34'35"E, 55.82 feet to point number 193; thence, S56°31'12"E, 44.61 feet to point number 194; thence, S51°47'39"E, 31.74 feet to point number 195; thence, S62°08'37"E, 47.43 feet to point number 196; thence, S53°13'07"E, 31.06 feet to point number 197; thence, S58°57'21"E, 44.04 feet to point number 198; thence, S30°30'45"E, 58.14 feet to point number 199; thence, S42°49'58"E, 110.51 feet to point number 200; thence, S72°30'45"E, 39.40 feet to point number 201; thence, S77°53'17"E, 114.62 feet to point number 202; thence, S70°29'59"E, 63.45 feet to point number 203; thence, N86°53'19"E, 51.96 feet to point number 204; thence, S84°51'51"E, 77.19 feet to point number 205; thence, S75°23'38"E, 59.24 feet to point number 206; thence, S77°42'10"E, 89.47 feet to point number 207; thence, S67°29'26"E, 132.09 feet to point number 208; thence, S89°04'58"E, 30.61 feet to point number 209; thence,

S75°54'15"E, 46.60 feet to point number 211; thence, S78°51'59"E, 47.18 feet to point number 212; thence, S69°10'02"E, 56.24 feet to point number 213; thence, S76°02'45"E, 37.20 feet to point number 214; thence, S82°11'05"E, 39.64 feet to point number 215; thence, S83°41'57"E, 32.07 feet to point number 216; thence, S84°31'26"E, 25.04 feet to point number 217; thence, N72°10'37"E, 42.64 feet to point number 218; thence, N71°59'39"E, 178.22 feet to point number 219; thence, N89°50'46"E, 59.52 feet to point number 220; thence, N88°26'06"E, 48.36 feet to point number 221; thence, S80°05'24"E, 41.02 feet to point number 222; thence, S66°39'11"E, 41.11 feet to point number 223; thence, N85°38'58"E, 31.90 feet to point number 224; thence, N81°46'52"E, 31.90 feet to point number 225; thence, S56°34'27"E, 81.76 feet to point number 226; thence, S62°26'46"E, 43.28 feet to point number 227; thence, S75°43'28"E, 81.31 feet to point number 228; thence, S73°50'08"E, 71.84 feet to point number 229; thence, S72°02'45"E, 85.16 feet to point number 230; thence, S61°12'32"E, 50.89 feet to point number 231; thence, S11°18'30"W, 329.04 feet to point number 232; thence, S25°46'21"W, 79.21 feet to point number 233; thence, S51°22'19"W, 73.53 feet to point number 234; thence, S78°47'33"E, 37.30 feet to point number 235; thence, S29°44'34"W, 65.91 feet to point number 236; thence, S10°11'29"W, 35.27 feet to point number 237; thence, S00°46'25"W, 149.59 feet to point number 238; thence, S05°47'04"W, 334.76 feet to point number 239; thence, S04°02'32"W, 307.41 feet to point number 240; thence, N00°00'32"E, 255.13 feet to point number 241; thence, N89°27'55"W, 334.39 feet to point number 242; thence, S52°16'09"W, 247.73 feet to point number 243; thence, N61°06'14"W, 246.74 feet to point number 244; thence, S57°43'09"W, 299.06 feet to point number 245; thence, N18°51'41"W, 148.69 feet to point number 246; thence, N25°14'32"W, 131.53 feet to point number 247; thence, N40°32'44"W, 61.46 feet to point number 248; thence, N42°07'41"W, 46.29 feet to point number 249; thence, N11°06'36"W, 92.79 feet to point number 250; thence, N35°56'13"W, 39.19 feet to point number 251; thence, N37°01'27"W, 142.64 feet to point number 252; thence, S53°12'20"W, 89.47 feet to point number 253; thence, S64°14'35"W, 176.60 feet to point number 254; thence, S50°58'53"W, 65.35 feet to point number 255; thence, N40°36'05"W, 73.39 feet to point number 256; thence,

N39°30'51"W, 147.56 feet to point number 252; thence, N33°46'28"W, 67.85 feet to point number 253; thence, N03°20'14"E, 232.94 feet to point number 254; thence, N19°23'35"W, 93.81 feet to point number 255; thence, N19°39'05"W, 96.52 feet to point number 256; thence, N38°54'44"W, 44.67 feet to point number 257; thence, N46°21'40"W, 90.20 feet to point number 258; thence, S59°48'51"W, 190.21 feet to point number 259; thence, S15°31'52"E, 26.22 feet to point number 260; thence, S04°55'06"E, 154.78 feet to point number 261; thence, S05°04'45"E, 118.72 feet to point number 262; thence, S71°32'50"W, 171.74 feet to point number 263; thence, S88°33'38"W, 62.50 feet to point number 264; thence, N27°27'10"W, 80.82 feet to point number 265; thence, N21°37'22"W, 77.45 feet to point number 266; thence, N17°48'04"W, 70.33 feet to point number 267; thence, N28°40'40"W, 44.76 feet to point number 268; thence, N37°05'02"W, 72.85 feet to point number 269; thence, N49°00'54"W, 89.27 feet to point number 270; thence, N20°22'01"W, 65.94 feet to point number 271; thence, N18°16'48"W, 52.64 feet to point number 272; thence, N28°51'01"W, 36.79 feet to point number 273; thence, N17°01'56"W, 52.58 feet to point number 274; thence, N04°43'52"W, 116.88 feet to point number 275; thence, N01°14'09"W, 61.11 feet to point number 276; thence, N60°24'19"W, 109.40 feet to point number 277; thence, N70°06'54"W, 69.36 feet to point number 278; thence, N56°38'20"W, 79.70 feet to point number 279; thence, N73°06'51"W, 33.81 feet to point number 280; thence, S85°02'35"W, 28.82 feet to point number 281; thence, S64°06'30"W, 44.52 feet to point number 282; thence, S45°09'28"W, 38.49 feet to point number 283; thence, S33°04'49"W, 60.19 feet to point number 284; thence, S04°02'32"W, 63.13 feet to point number 285; thence, S19°20'10"E, 64.15 feet to point number 286; thence, S13°15'54"E, 76.40 feet to point number 287; thence, S03°06'30"W, 93.87 feet to point number 288; thence, S14°42'39"W, 61.39 feet to point number 289; thence, S05°50'11"W, 46.71 feet to point number 290; thence, S38°41'10"W, 64.49 feet to point number 291; thence, S77°11'55"W, 59.53 feet to point number 292; thence, N77°01'37"W, 57.64 feet to point number 293; thence, N56°23'29"W, 42.93 feet to point number 294; thence, N63°37'21"W, 56.02 feet to point number 295; thence, N28°17'01"W, 113.48 feet to point number 296; thence, N44°32'28"W, 63.59 feet to point number 297; thence, N41°01'31"W, 84.26 feet to point number 298; thence,

N20°52'08"W, 39.02 feet to point number 300; thence, N25°12'25"W, 41.33 feet to point number 301; thence, N75°48'21"W, 41.35 feet to point number 302; thence, S70°49'16"W, 46.27 feet to point number 303; thence, S34°01'39"W, 82.92 feet to point number 304; thence, S69°33'18"W, 71.94 feet to point number 305; thence, N82°45'56"W, 50.03 feet to point number 306; thence, N46°48'18"W, 198.24 feet to point number 307; thence, N04°09'49"W, 68.59 feet to point number 308; thence, N10°09'49"W, 60.58 feet to point number 309; thence, N10°24'27"W, 70.36 feet to point number 310; thence, N53°53'33"W, 99.49 feet to point number 311; thence, S64°12'36"W, 100.17 feet to point number 312; thence, S49°31'00"W, 32.69 feet to point number 313; thence, N76°22'27"W, 72.12 feet to point number 314; thence, N69°23'28"W, 97.87 feet to point number 315; thence, N52°35'02"W, 49.51 feet to point number 316; thence, N44°44'52"W, 59.43 feet to point number 317; thence, N49°00'54"W, 89.27 feet to point number 318; thence, N57°35'25"W, 55.86 feet to point number 319; thence, N61°16'53"W, 38.92 feet to point number 320; thence, N28°51'01"W, 36.79 feet to point number 321; thence, N26°30'45"W, 68.19 feet to point number 322; thence, N09°30'57"W, 70.29 feet to point number 323; thence, N01°14'09"W, 78.82 feet to point number 324; thence, N32°22'44"W, 68.48 feet to point number 325; thence, N02°41'17"W, 45.63 feet to point number 326; thence, S86°26'04"W, 80.24 feet to point number 327; thence, S85°01'19"W, 90.58 feet to point number 328; thence, N38°03'23"W, 56.79 feet to point number 329; thence, N43°34'01"W, 48.35 feet to point number 330; thence, N28°11'16"W, 71.07 feet to point number 331; thence, N38°22'42"W, 110.93 feet to point number 332; thence, N39°57'03"W, 215.80 feet to point number 333; thence, N38°32'55"W, 111.89 feet to point number 334; thence, N33°53'30"W, 115.10 feet to point number 335; thence, N63°10'41"W, 133.66 feet to point number 336; thence, S77°07'05"W, 55.26 feet to point number 337; thence, S53°45'44"W, 89.91 feet to point number 338; thence, S57°08'57"W, 106.24 feet to point number 339; thence, N67°29'00"W, 65.75 feet to point number 340; thence, N62°20'15"W, 120.02 feet to point number 341; thence, N43°41'47"W, 103.80 feet to point number 342; thence, N51°03'08"W, 66.19 feet to point number 343; thence, N60°37'27"W, 27.72 feet to point number 344; thence, N30°49'45"E, 275.95 feet to the Point of Beginning of the tract of land herein described, containing 104.1884 acres more or less.



ALL ADJACENT PROPERTY OWNED BY THE U.S. DEPARTMENT OF ENERGY.

AREA: 104.1884 ACRES

CHAIN LINK FENCE

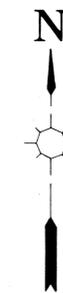
ACKNOWLEDGEMENT

State of New Mexico  
County of Los Alamos

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 1985, by Sally M. Gerety, Counsel for the Los Alamos Area Office, U.S. Department of Energy.

My commission expires: \_\_\_\_\_

Notary Public



SCALE: 1" = 300'

The above described land was a part of the territory to which title was vested in the United States by virtue of the "Treaty of Peace, Friendship, Limits and Settlement between the United States of America and the Mexican Republic," duly executed at the City of Guadalupe Hidalgo on February 2, 1848. Ratification was exchanged at Queretaro on May 30, 1848, and proclamation was made July 4, 1848. (See Statutes at Large, Vol. 9, pp. 922-943).

Title has remained in the United States since that date. Pursuant to the Department of Energy Organization Act (Public Law 95-91, 91 Stat. 565) the administrative jurisdiction and control of said land is held by the United States Department of Energy.

Surveyor's Notes

1. Basis of Bearings: New Mexico State Plane Grid Bearings, Central Zone Delta Alpha = +0°00'00.8".
2. All Distances shown are ground distances.
3. No Monuments were set as a result of this Survey.
4. Coordinates shown are New Mexico State Plane Coordinates Central Zone.

SURVEYOR'S CERTIFICATE

I, Kim C. Stelzer, N.M.L.S. #7482, do hereby certify that the information contained hereon was prepared under my direction and is true and correct to the best of my knowledge.

Kim C. Stelzer, N.M.L.S. #7482  
Date June 7, 1985

Notice is hereby given pursuant to 40 C.F.R. 264.170 that:

1. The above described site with the appropriate authority in accordance hazardous wastes;
2. This plat will be filed with the appropriate authority in accordance with 40 C.F.R. 264.119.
3. The use of the above described site is restricted under 40 C.F.R. 264.117(c), as follows:

Post-closure use of any portion of the site on or in which hazardous wastes remain after closure must never be allowed to disturb the integrity of the final cover, liner(s), or any other components of any containment system, or the function of the site's monitoring system, unless the Regional Administrator of the U.S. Environmental Protection Agency, or Director of the N.M. Environmental Improvement Division, as appropriate, first finds that the disturbance:

- a. Is necessary to the proposed use of the property, and will not increase the potential hazard to human health or the environment; or
- b. Is necessary to reduce a threat to human health or the environment.

4. This Notice supersedes the Notice recorded with the Clerk of Los Alamos County, New Mexico, on April 29th, 1985, Doc. No. 66548, Misc. Plat Book 5, Page 14.

Date this 12<sup>th</sup> day of June, 1985.

Harold E. Valencia  
Area Manager  
Los Alamos Area Office  
U.S. Department of Energy

Date

June 14, 1985

Sally M. Gerety  
Counsel

NO.	DATE	REVISIONS	BY	CHK	FILED
1	5/17	EXPANDED SURVEY			
UNITED STATES DEPARTMENT OF ENERGY LOS ALAMOS AREA OFFICE—LOS ALAMOS, NEW MEXICO					
WASTE DISPOSAL SITE TA-54					
CLASSIFICATION	U	REVIEWER	b. K. K. K.	DATE	12-85
SUBMITTED		RECOMMENDED		APPROVED	
DESIGN		ARCHITECT		SCALE	
GORDON HERKENHOFF & ASSOCIATES INC.		ARCHITECT—ENGINEER		DRAWING NO.	ENG-54-44
ALBUQUERQUE		NEW MEXICO		SHEET	1
				OF	1