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Date: March 29, 2007  
Refer To: ENV-RCRA: 07-053  
LA-UR: 07-1985

Steve Pullen  
New Mexico Environment Department  
Hazardous Waste Bureau  
2905 Rodeo Park Drive East, Building 1  
Santa Fe, NM 87505-6303

**SUBJECT: MARCH 2007 LOS ALAMOS NATIONAL LABORATORY (LANL)  
RESOURCE CONSERVATION AND RECOVERY ACT (RCRA)  
HAZARDOUS WASTE UNIT HISTORY TABLE**

Dear Mr. Pullen:

As a follow-up to a meeting between you and members of my staff on March 5, 2007 the enclosed information regarding hazardous waste units at the Laboratory being transmitted to your office. The attached "2007 LANL RCRA Hazardous Waste Unit History Table" (LA-UR-07-1985) contains an up-to-date listing of the hazardous waste management units at LANL.

The first two columns include the location of the unit and the type of unit (process code). The third column lists the unit's current status. The final column is comprised of pertinent information on the history of the unit and any comments that may provide clarification to the history.

If you have any questions or need further discussion on the matter, please contact Jack Ellvinger at (505) 667-0633.

Sincerely,

Anthony R. Grieggs  
Group Leader  
Water Quality & RCRA (ENV-RCRA) Group

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Enclosures: a/s

Enclosures: a/s

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<i>Title:</i>	2007 Los Alamos National Laboratory Resource Conservation and Recovery Act Hazardous Waste Unit History Table
<i>Author(s):</i>	Water Quality & RCRA Group Los Alamos National Laboratory
<i>Intended for:</i>	New Mexico Environment Department- Hazardous Waste Bureau



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Location description	Process Code	Permit Status	Unit History/Comments
<b>TA-3</b>			
TA-3, SM-40 (SM - South Mesa)	S01	Removed from Interim Status	This unit was referred to as a temporary chemical waste storage area in the Los Alamos National Laboratory (LANL) Part A Permit Application dated November 23, 1987 and was subsequently removed prior to the 1988 Part A and B submittal.
TA-3-29, Wing 9, Basement Room 9010	S01	Interim Status	<p>This unit obtained interim status in 1991 with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991</p> <p>Annual Unit Audit combined Room 9020 with Rooms 9010 and 9030 as one unit for fee purposes.</p> <p>LANL is seeking to permit this unit.</p>
TA-3-29, Wing 9, Basement Room 9020	S01	Interim Status	<p>This unit obtained interim status in 1991 with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991</p> <p>Annual Unit Audit combined Room 9020 with Rooms 9010 and 9030 as one unit for fee purposes.</p> <p>LANL is seeking to permit this unit.</p>
TA-3-29, Wing 9, Basement Room 9030	S01	Interim Status	<p>This unit obtained interim status in 1991 with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991</p> <p>Unit was listed as "to be closed" in the LANL General Part A Permit Application, Revision 0.0, April 1998. Because Room 9020 was combined with Rooms 9010 and 9030 as one unit in the Annual Unit Audit for fee purposes, this unit will not be closed.</p> <p>LANL is seeking to permit this unit.</p>

Location description	Process Code	Permit Status	Unit History/Comments
TA-3-102; SM-102, Room 118A	S01	Removed from Interim Status	<p>This unit obtained interim status in the LANL 1985 Update of RCRA Part A Application, submitted to the United States Environmental Protection Agency in April 1985. Was listed as "SM 102, Rm. 118A, LiH Storage Area - converted from &gt;90 day to &lt;90 day storage area".</p> <p>Last correspondence June 1988 from the New Mexico Environment Department (NMED) addresses closure certification.</p>
<b>TA-9</b>			
TA 9-39 (storage structure)	S01	Removed from Interim Status	<p>LANL Part A dated November 23, 1987 refers to this unit. No further documentation exists regarding this unit.</p> <p>Comment: This unit was handled as Potential Release Site (PRS) 09-011(b). The use of the parking lot corner as an HE equipment storage area ceased in 1991.</p>
TA 09-43 Hydrothermal Processing Unit (HPU)	T04	X01 Research, Development and Demonstration (RD&D) Permit-Closed	<p>This unit was a RD&amp;D Permit. Last correspondence August 1, 1997 - LANL's submittal of a closure certification report.</p>
<b>TA-14</b>			
TA-14-23	T04	X01 Interim Status	<p>This unit was included in LANL's initial Part A Permit Application.</p> <p>This unit includes an open burning (OB) Burn Cage, and an open detonation (OD) unit.</p> <p>LANL is currently assessing the removal of this unit from interim status through interim closure measures and a future full closure.</p>

Location description	Process Code	Permit Status	Unit History/Comments
TA-15-184, OD site (Phermex)	T04 X01	Removed from Interim Status	<p>The LANL Part A Permit Application submitted in August 1987 references a TA-15 thermal treatment unit used to detonate high explosive (HE) waste.</p> <p>Unit was removed from interim status and corrective action was deferred until experimentation at the site is terminated as approved by NMED in October 1999.</p>
<b>TA-16</b>			
TA-16-88 "Container storage"	S01	Removed from Interim Status	<p>Unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.</p> <p>Unit was never used for storage of hazardous waste and was approved for removal from interim status by NMED in June 2003.</p>
TA 16, SM 102, Rm. 118A, ENG-R	S02	Not Applicable (NA)	<p>Please see "TA-3-102 (High Explosives Storage Unit) SM-102, Room 118A" above. This is believed to be a typographical error due to the fact that a TA was not mentioned in the initial notification for this unit.</p>
TA-16-387 (Flash Pad 387)	T04 X01	Closed under Interim Status	<p>Unit was included in the LANL Part A Permit Application submitted in August 1987.</p> <p>Unit last operated in 1999. This unit underwent RCRA closure in conjunction with Material Disposal Area (MDA) P in 2002. Closure certification report was submitted in January 2003.</p> <p>Closure was approved by NMED in November 2005.</p>
TA-16-388 Burn Tray/Flash Pad	T04 X01	Interim Status	<p>Unit was included in the LANL Part A Permit Application submitted in August 1987.</p> <p>LANL is seeking to permit this unit</p>

Location description	Process Code	Permit Status	Unit History/Comments
TA-16-394	T04 X01	Closed under Interim Status	<p>Unit was included in the LANL Part A Permit Application submitted in August 1987.</p> <p>Closure plan was submitted in December 1999 and revised in February 2001. Closure certification report was submitted in June 2001.</p> <p>Closure of this unit was approved by NMED in November 2002.</p>
TA-16-399	T04 X01	Interim Status	<p>Unit was included in the LANL Part A Permit Application submitted in August 1987.</p> <p>LANL is seeking to permit this unit</p>
TA-16-401 (Pressure Vessel) (sand filter tank)	T04 X01	Closed under Interim Status	<p>Unit was included in the LANL Part A Permit Application submitted in August 1987. The unit was used to open burn HE waste.</p> <p>Closure plan for the site was submitted in February 2001 and was revised in May 2003. The closure plan was approved by NMED in August 2003.</p> <p>Closure for this unit was approved in September 2005.</p>
TA-16-406 (Pressure Vessel) (sand filter tank)	T04 X01	Closed under Interim Status	<p>Unit was included in the LANL Part A Permit Application submitted in August 1987. The unit was used to open burn HE waste.</p> <p>Closure plan for the site was submitted in February 2001 and was revised in May 2003. The closure plan was approved by NMED in August 2003.</p> <p>Closure for this unit was approved in September 2005.</p>
TA-16 Surface Impoundment	S04 D83	Interim Status	<p>The process for this unit was to receive HE waste water from sand filters.</p> <p>This unit was approved for closure by NMED in June 1994.</p>

Location description	Process Code	Permit Status	Unit History/Comments
TA-16 Incinerator (TA-16-1409)	T03	Interim Status Permitted	<p>Treatment unit was included in initial LANL Hazardous Waste Facility Permit issued in November 1989.</p> <p>A closure plan was submitted in July 1997. A closure certification report was submitted to NMED in March 2001.</p> <p>Closure was approved by NMED in October 2001.</p>
TA-16, Material Disposal Area P	D80	Closed under Interim Status	<p>Included in LANL's initial Part A permit application.</p> <p>Closure plan was submitted in February 1986. Closure plan was approved by NMED in February 1997. Closure certification was submitted in January 2003.</p> <p>Closure was approved by NMED in November 2005.</p>
<b>TA-21</b>			
TA-21-61 Container Storage Area	S01	Closed under Interim Status	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.</p> <p>Closure certification report was submitted in March 1999. Closure was approved by NMED in June 1999.</p>
<b>TA-22</b>			
TA-22-24 (High Explosive Storage Unit)	S01	Closed under Interim Status	<p>This unit was included in LANL's initial Part A Permit Application.</p> <p>Unit was approved as closed in June 1988.</p>
TA 22, TD 96	S01	Removed from Interim Status	<p>Included in LANL Part A Permit Application submitted in November 1987.</p> <p>This Part A refers to this structure as temporary and was removed from consideration for the initial permit.</p>

Location description	Process Code	Permit Status	Unit History/Comments
TA 22, TD 96-3	S01	Removed from Interim Status	Included in LANL Part A Permit Application submitted in November 1987.  This Part A refers to this structure as temporary and was removed from consideration for the initial permit.
<b>TA-33</b>			
TA-33-90 Container Storage Area	S01	Withdrawn	This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.  Part of SWMU # 33-013.  LANL requested cancellation and withdrawal of this unit in March 1997.
TA-33-92 Container Storage Area	S01	Withdrawn	This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.  Part of SWMU # 33-013.  LANL requested cancellation and withdrawal of this unit in March 1997.
<b>TA-35</b>			
TA-35-85, Surface Impoundment	S04	Closed under Interim Status	This unit was approved by NMED for clean closure in February 1998.
TA-35-125, Surface Impoundment	S04	Closed under Interim Status	Approved by NMED for clean closure in September 1993.
TA 35-128	T03	RD& D Permit - Closed	Packed-bed reactor silent discharge plasma RD&D unit.  Approved for clean closure by NMED in March 1997.
<b>TA-36</b>			
TA-36, MDA-AA		None	This is a corrective action unit (PRS- 36-001).
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Location description	Process Code	Permit Status	Unit History/Comments
TA-36-8 KAPPA 8/Minie Firing P	T04	X01 Interim Status	Unit was included in the LANL Part A Permit Application submitted in August 1987.  LANL is seeking to permit this unit
<b>TA-39</b>			
TA-39-6	T04	X01 Interim Status	Unit was included in the LANL Part A Permit Application submitted in August 1987.  LANL is seeking to permit this unit
TA-39-57	T04	X01 Interim Status	Unit was included in the LANL Part A Permit Application submitted in August 1987.  LANL is currently assessing the removal of this unit from interim status through interim closure measures and a future full closure.
TA-39, MDA-Y			This is a corrective action unit (PRS 39-001(b)-00).
<b>TA-40</b>			
TA-40, Scrap Detonation Unit	T04	X01 Closed under Interim Status	This unit was included in LANL's initial Part A Permit Application.  Unit was approved as closed in August 1995.
TA-40-DF2	S01	Closed under Interim Status	This unit was included in LANL's initial Part A Permit Application.  Unit was approved as closed in June 1988.

Location description	Process Code	Permit Status	Unit History/Comments
<b>TA-50</b>			
TA-50-1, Batch Waste Treatment	T01	Permitted- Closed	<p>Treatment unit was included in initial LANL Hazardous Waste Facility Permit issued in November 1989.</p> <p>A closure plan modification was requested in October 1993. Closure certification report was submitted in September 1994 which included the closure of the container storage unit associated with the treatment unit.</p> <p>This unit was approved for closure in September 1994 and removed from the permit.</p>
TA-50-1, Container Storage Unit	S01	Permitted- Closed	<p>Container storage unit was associated with the TA-50-1, Batch Waste Treatment Unit and was included in initial LANL Hazardous Waste Facility Permit issued in November 1989.</p> <p>A closure plan modification was requested for the TA-50-1, Batch Waste Treatment Unit in October 1993. Closure certification report was submitted in September 1994 which included the closure of the container storage unit associated with the treatment unit.</p> <p>This unit was approved for closure in September 1994 and removed from the permit.</p>
TA-50-1, Room 34B Decontamination Operations Facility	S01	Proposed/ Withdrawn	Storage unit was included in the LANL TA-50 Part B Permit Application, Revision 1.0, January 1999. It was not included in subsequent submittals.
TA-50-1, Room 34C Decontamination Operations Facility	S01	Proposed/ Withdrawn	Storage unit was included in the LANL TA-50 Part B Permit Application, Revision 1.0, January 1999. It was not included in subsequent submittals.
TA-50-1, Room 35 Decontamination Operations Facility	S01	Removed from Permit	<p>Unit was added as part of an approved permit modification in February 1997.</p> <p>Unit was removed from the permit in November 2003 because it was never used.</p>

Location description	Process Code	Permit Status	Unit History/Comments
TA-50-1, Room 36 Decontamination Operations Facility	S01	Removed from Permit	Unit was added as part of an approved permit modification in February 1997.  Unit was removed from the permit in November 2003 because it was never used.
TA-50-1, Room 38 Decontamination Operations Facility	S01	Removed from Permit	Unit was added as part of an approved permit modification in February 1997.  Unit was removed from the permit in November 2003 because it was never used.
TA-50-1, Room 59 (Also known as Room 60D)	S01	Closed under Interim Status	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.</p> <p>Closure plan was submitted to NMED in July 2002 and withdrawn in agreement with NMED in June 2003. A new closure plan was submitted September 2003. Closure activities were conducted from September 2003 to April 2004. In November 2004, the plan was approved with revisions. LANL submitted revisions to the closure plan in December 2004. A closure certification report was submitted in September 2004.</p> <p>Unit was approved for closure in November 2004.</p>
TA-50-1, Room 60A Cementation Treatment Unit	T04	Removed from Interim Status	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.</p> <p>In November 2000, the treatment unit was converted to a &lt; 90 day generator treatment unit as agreed with NMED.</p>
TA-50-1, Room 60D; CSA Rm. 59	S01	Closed under Interim Status	Please see information for TA-50-1, Room 59 above.

Location description	Process Code	Permit Status	Unit History/Comments
TA-50-37 RAMROD	S01	Proposed/ Withdrawn	Requested as a permit modification in December 1996 as Radioactive Materials Research, Operations, and Demonstration (RAMROD) Facility to be located at TA-50-37. Withdrawal of the RAMROD permit modification application was approved in April 1998.  Please see information on individual rooms (Rooms 112, 115, 117, 118 ) below.
TA-50-37 Room 112 Controlled Air Incinerator	T03	Closed	TA-50-37 controlled air incinerator was included in initial LANL Hazardous Waste Facility Permit issued in November 1989 and in the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991. A clarification on interim status for mixed waste was received in October 1993 stating that a permit modification must be submitted. A permit modification was submitted in March 1995 and approved in January 1997.  Closure plan modifications were requested in October 1995 and more information was requested. The closure plan for the TA-50-37 controlled air incinerator was approved in July 1996. Certification report for the TA-50-37 controlled air incinerator was submitted in September 1997 and included the waste feed tanks that were located in TA-50-37-115.  The exhaust system was left in place in this room after the closure of the TA-50-37 controlled air incinerator because it was to be used for RAMROD. Approval for withdrawal of RAMROD in April 1998. In August 2003 an agreement on the closure procedure for the TA-50-37 exhaust system was transmitted to NMED. Closure activities were conducted from  A closure certification report was submitted in August 2004.  The TA-50-37 controlled air incinerator was approved for closure in July 1998. Approval for closure of the exhaust system was received by LANL in November 2004.
TA-50-37 Container Storage Areas	S01	Permitted	Please see information on individual rooms (Rooms 112, 115, 117, 118 ) below.

Location description	Process Code	Permit Status	Unit History/Comments
TA-50-37, Storage Tanks	S02	Permitted	<p>Tanks were included in initial LANL Hazardous Waste Facility Permit issued in November 1989 as part of the TA-50-37 controlled air incinerator and in the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991. A clarification on interim status for mixed waste was received in October 1993 stating that a permit modification must be submitted. A permit modification was submitted in March 1995 and approved in January 1997.</p> <p>Closure plan modifications were requested in October 1995 and more information was requested. The closure plan for the TA-50-37 controlled air incinerator was approved in July 1996. Certification report for the TA-50-37 controlled air incinerator was submitted in September 1997 and included the waste feed tanks that were located in TA-50-37-115.</p> <p>The TA-50-37 controlled air incinerator was approved for closure in July 1998.</p>
TA 50-37-112	S01 T03	Proposed/ Withdrawn	<p>Originally the room that housed the TA-50-37 controlled air incinerator included in the LANL Hazardous Waste Facility Permit issued in November 1989. The TA-50-37 controlled air incinerator was closed in July 1998. Please see above.</p> <p>Requested as a container storage unit as part of permit modification to RAMROD Facility in December 1996. Withdrawal of the RAMROD permit modification application was approved in April 1998.</p>
TA-50-37-114	S01	Proposed/ Withdrawn	<p>Requested as part of permit modification to RAMROD Facility in December 1996. Withdrawal of the RAMROD permit modification application was approved in April 1998.</p>

Location description	Process Code	Permit Status	Unit History/Comments
TA-50-37, Room 115		Permitted- Closed Under Interim Status	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991. Permitted status for storage in room 115 was approved as part of permit modification for the TA-50-37 controlled air incinerator in January 1997. That modification had been submitted in March 1995. Requested as part of permit modification to RAMROD Facility in December 1996. Withdrawal of the RAMROD permit modification application was approved in April 1998.</p> <p>Closure plan was submitted to NMED in July 2002 and withdrawn in agreement with NMED in June 2003. A new closure plan was submitted September 2003. Closure activities were conducted from September 2003 to April 2004. In November 2004, the plan was approved with revisions. LANL submitted revisions to the closure plan in December 2004. A closure certification report was submitted in September 2004.</p> <p>Unit was approved for closure in November 2004.</p>
TA-50-37-115, Waste Feed Tanks	S02	Permitted- Closed	Please see "TA-50-37, Storage Tanks" above.
TA-50-37, Room 116	S01	Interim Status	Although this listing is included in the table provided to LANL, there is no record of a request for this unit as a permitted hazardous waste storage unit can be found.

Location description	Process Code	Permit Status	Unit History/Comments
TA-50-37, Room 117	S01	Closed	<p>Unit was included in initial LANL Hazardous Waste Facility Permit issued in November 1989 and interim status for mixed waste with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991. Requested as part of permit modification to RAMROD Facility in December 1996. Withdrawal of the RAMROD permit modification application was approved in April 1998.</p> <p>A closure plan was submitted to NMED in July 2002 and withdrawn in agreement with NMED in June 2003. A permit modification requesting modifications to Attachment E.5 of the permit was submitted in August 2003. Closure activities were conducted from September 2003 to April 2004. In March 2004, the plan modifications were approved. A closure certification report was submitted in September 2004.</p> <p>Unit was approved for closure in November 2004.</p>
TA-50-37, Room 117 Room planned for Electrochemical Treatment Unit (ETU)	S01	Permitted/ Closed	<p>LANL requested an Research, Development, and Demonstration (RD&amp;D) permit for an electrochemical treatment unit located at TA-50-37-117 in August 1996 as part of the Radioactive Materials Research, Operations, and Demonstration (RAMROD) Facility.</p> <p>The RD&amp;D permit was not acted on and the treatment unit was included in the LANL TA-50 Part B Permit Application, Revision 1.0, January 1999. The unit was not included in the LANL TA-50 Part B Permit Application, Revision 2.0, December 2000.</p>

Location description	Process Code	Permit Status	Unit History/Comments
TA-50-37, Room 118	S01	Permitted- Closed Under Interim Status	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991. Permitted status for storage in room 118 was approved as part of permit modification for the TA-50-37 controlled air incinerator in January 1997. That modification had been submitted in March 1995. Requested as part of permit modification to Radioactive Materials Research, Operations, and Demonstration (RAMROD) Facility in December 1996. Withdrawal of the RAMROD permit modification application was approved in April 1998.</p> <p>Closure plan was submitted to NMED in July 2002 and withdrawn in agreement with NMED in June 2003. A new closure plan was submitted September 2003. Closure activities were conducted from September 2003 to April 2004. In November 2004, the plan was approved with revisions. LANL submitted revisions to the closure plan in December 2004. A closure certification report was submitted in September 2004.</p> <p>Unit was approved for closure in November 2004.</p>
TA-50-69 WCRRF Outdoor	S01	Permitted	<p>Unit was added as part of an approved permit modification in February 1997.</p> <p>LANL seeks to permit this unit as well as an expansion of the unit.</p>
TA-50-69-102/103 WCRRF Indoor	S01	Permitted	<p>Unit was added as part of an approved permit modification in February 1997.</p> <p>LANL seeks to permit this unit.</p>

Location description	Process Code	Permit Status	Unit History/Comments
TA-50-114 (Storage shed)	S01	Permitted	<p>This unit was included in the LANL Hazardous Waste Facility Permit issued in November 1989.</p> <p>A closure plan was submitted to NMED in July 2002 and withdrawn in agreement with NMED in June 2003. A permit modification requesting modifications to Attachment E.3 of the permit was submitted in August 2003. Closure activities were conducted from September 2003 to April 2004. In March 2004, the plan modifications were approved. A closure certification report was submitted in September 2004.</p> <p>Unit was approved for closure in November 2004.</p>
TA-50-137 (Storage Bldg)	S01	Removed from Permit	<p>Unit was included in LANL Hazardous Waste Facility Permit issued in November 1989.</p> <p>This unit was never built and was requested to be removed from the permit in April 2000. Approval for this modification was received from NMED in April 2003.</p> <p>This unit has been removed from the permit.</p>
TA-50-138 (Storage Bldg)	S01	Removed from Permit	<p>Unit was included in LANL Hazardous Waste Facility Permit issued in November 1989.</p> <p>This unit was never built and was requested to be removed from the permit in April 2000. Approval for this modification was received from NMED in April 2003.</p> <p>This unit has been removed from the permit.</p>
TA-50-139 (Storage pad)	S01	Removed from Permit	<p>Unit was included in LANL Hazardous Waste Facility Permit issued in November 1989.</p> <p>This unit was never built and was requested to be removed from the permit in April 2000. Approval for this modification was received from NMED in April 2003.</p> <p>This unit has been removed from the permit.</p>

Location description	Process Code	Permit Status	Unit History/Comments
TA-50-140 (Storage pad)	S01	Removed from Permit	<p>Unit was included in LANL Hazardous Waste Facility Permit issued in November 1989.</p> <p>This unit was never built and was requested to be removed from the permit in April 2000. Approval for this modification was received from NMED in April 2003.</p> <p>This unit has been removed from the permit.</p>
<b>TA-53</b>			
TA 53-166 South Surface Impoundment	S04	Removed from Interim Status	<p>Corrective action investigation determined that the contents of the impoundments were not hazardous waste and as a result the status of the impoundments was revised from treatment, storage, or disposal (TSD) units to corrective action units. NMED officially informed LANL (July 21, 1997) that this impoundment's legal status changes from closure as a TSD to cleanup under HSWA and that a closure plan is not required.</p> <p>This unit is PRS 53-002(a)-99.</p>
TA 53-166 NE Surface Impoundment	S04	Removed from Interim Status	<p>Corrective action investigation determined that the contents of the impoundments were not hazardous waste and as a result the status of the impoundments was revised from TSD units to corrective action units. NMED officially informed LANL (July 21, 1997) that this impoundment's legal status changes from closure as a TSD to cleanup under HSWA and that a closure plan is not required.</p> <p>This unit is PRS 53-002(a)-99.</p>
TA 53-166 NW Surface Impoundment	S04	Removed from Interim Status	<p>Corrective action investigation determined that the contents of the impoundments were not hazardous waste and as a result the status of the impoundments was revised from TSD units to corrective action units. NMED officially informed LANL (July 21, 1997) that this impoundment's legal status changes from closure as a TSD to cleanup under HSWA and that a closure plan is not required.</p> <p>This unit is PRS 53-002(a)-99.</p>

Location description	Process Code	Permit Status	Unit History/Comments
<b>TA- 54</b>			
TA-54-G Pad 1 Includes Pad 1, TA-54-226 (Dome) and TA-54-412 (DVRS building)	S01	Permitted/ Interim Status	<p>Pad 1 and Dome 226 (which was initially called 227) were included in the permit as part of a conditionally approved permit modification in May 1994. TA-54-412 (called the DVRS building) was added under a change during interim status in 1999.</p> <p>LANL is seeking to permit this unit.</p>
TA-54-G Pad 3 (includes TA-54-48 (Dome))	S01	Interim Status	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.</p> <p>LANL is seeking to permit this unit.</p>
TA-54-G Pad 5 Consolidates Pads 5, 7, and 8. 49 (dome, 144 (shed), 145 (shed), 146 (shed), 177 (shed), 224 (shed), 1027 (shed), 1028 (shed), 1030 (shed), 1041 (shed)	S01	Interim Status	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.</p> <p>Pad 5 with structures (54-49, 54-144, 54-145, 54-146, &amp; 54-177) and Pads 7 &amp; 8 that were constructed over pit 33 with structures (54-224, 54-1027, 54-1028, 54-1030 [formerly 54-1029], &amp; 54-1041) were combined as "Consolidated Pad 5."</p> <p>LANL is seeking to permit this unit.</p>
TA-54-G Pad 6 Includes: Pad 6, 153 (dome), 283 (dome)	S01	Interim Status	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.</p> <p>LANL is seeking to permit this unit.</p>

Location description	Process Code	Permit Status	Unit History/Comments
TA-54-G Pad 9 Includes: 229 TWISP dome, 230 TWISP dome, 231 TWISP dome, and 232 TWISP dome	S01	Permitted/ Proposed	Unit was added as part of a conditionally approved permit modification in May 1994.  LANL seeks to permit this unit and proposes the addition of storage on Pad 9 surrounding the domes.  Comment: LANL is currently requesting a Class 2 permit modification to allow for storage in transportainers and modular buildings on Pad 9.
TA-54-G Pad 10 (consolidated Pads 2 and 4)	S01	Permitted	Pads 2 & 4 were included in the permit as a conditionally approved permit modification in May 1994. These pads were consolidated in December 2002.  LANL seeks to permit this unit.
TA-54-G Pad 11, Unit 375	S01	Proposed	This unit was proposed in the LANL General Part A Permit Application Revision 3.0, August 2002.  LANL is seeking to permit this unit.
TA-54-G-8 Storage shed	S01	Interim Status	This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.  LANL is seeking to permit this unit.
TA-54-G-33 Drum Prep Facility	S01	Interim Status	This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.  Sometimes called "Drum Prep Facility."  LANL is seeking to permit this unit.

Location description	Process Code	Permit Status	Unit History/Comments
TA-54-G, Shaft 60	S01	Proposed/ Withdrawn	<p>LANL's unit assessment letter states that this unit was proposed in 1991 but was never used for waste storage and was withdrawn in the LANL General Part A Permit Application, Revision 0.0, April 1998.</p> <p>Comment: This unit should be described as 60 shafts not "shaft 60." These unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991. They were never constructed and were withdrawn in the LANL General Part A Permit Application, Revision 0.0, April 1998.</p>
TA-54-G, Shafts 145, 146	S01	Interim Status	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.</p> <p>These are retrievable storage shafts. NMED rescinded a public notice for proposed closure plan approval in June 2004.</p> <p>Shafts have been empty since 1991 and a closure plan dated November 1999 is pending with NMED.</p> <p>These units are to be closed under interim status.</p>
TA-54-G, Shafts 147, 148	S01	Proposed/ Withdrawn	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.</p> <p>This unit was never constructed and was withdrawn in the LANL General Part A Permit Application, Revision 0.0, April 1998.</p>
TA-54-G, Shafts 149	S01	Proposed/ Withdrawn	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.</p> <p>This unit was never constructed and was withdrawn in the LANL General Part A Permit Application, Revision 0.0, April 1998.</p>

Location description	Process Code	Permit Status	Unit History/Comments
TA-54-G Landfill (Pit 29, Shaft 124)	S01	Interim Status	<p>This landfill was initially notified in the initial LANL Part A Permit Application submitted November 1980.</p> <p>Closure and Post-closure Plan for Area G Landfill submitted November 1986. Closure Plan for MDA-G submitted March 1998. Closure/Post-Closure Plan for the TA-54, Area G Landfill was submitted in April 2002.</p> <p>This unit will be closed under interim status.</p> <p>Comment: LANL is submitting a revised Closure/Post-Closure plan March 2007.</p>
TA-54-G, 226 dome	S01	Interim Status	<p>Although this unit is listed in the table provided by NMED to LANL, it is not clear which unit this references. TA-54-226 was initially listed as part of a permit modification application that was conditionally approved in May 1994 and has not been closed. Please see "TA-54-G, Pad 1" above.</p>
TA-54-H, Shaft 9	D80	Interim status	<p>This unit was included in LANL's initial Part A Permit Application submitted November 1980.</p> <p>Closure and Post-closure Plan for Area H submitted November 1986. Closure Plan was submitted in March 1998 and detailed post-closure information and procedures were submitted in April 2002 in "Compliance Demonstration with 40 CFR 264, Subparts G and F under CA Procedures for MDA-H at TA-54."</p> <p>This unit's closure is currently on hold waiting on additional quarters of vapor monitoring.</p> <p>This unit is to be closed under interim status.</p>

Location description	Process Code	Permit Status	Unit History/Comments
TA-54-L Container Storage Includes: 31 (packaging bldg.), 32 (concrete containment structure), 36 (sampling pas), 58 (transportation pad), 68 (Modular bldg.), 69 (Modular bldg.), 70 (Modular bldg.), 215 (dome Area 1), 216 (Area 7)	S01	Permitted/ Interim Status	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991. It was also included in the LANL Hazardous Waste Facility Permit issued in November 1989 as part of the area within the fence at TA-54, Area L that can store solid wastes.</p> <p>LANL is seeking to permit this unit.</p> <p>Comment: This unit is inclusive of all of the areas at TA-54, Area L listed below in this table. Current LANL General Part A Permit Application, Revision 5.0, April 2006 lists this unit as part of "Container storage unit within the fenced portion of Area L (for RCRA - regulated waste)."</p>
TA-54-L-Area 2 (container storage area)	S01	Interim Status	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991. It was also included as part of the LANL Hazardous Waste Facility Permit issued in November 1989 as part of the area within the fence at TA-54, Area L that can store solid wastes.</p> <p>LANL is seeking to permit this unit.</p> <p>Comment: This unit has been included as part of the consolidated container storage area at TA-54, Area L. Current LANL General Part A Permit Application, Revision 5.0, April 2006 lists this as part of "Container storage unit within the fenced portion of Area L (for RCRA - regulated waste)."</p>

Location description	Process Code	Permit Status	Unit History/Comments
TA-54-L-Area 3 (container storage area)	S01	Permitted/ Interim Status	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991. It was also included as part of the LANL Hazardous Waste Facility Permit issued in November 1989 as part of the area within the fence at TA-54, Area L that can store solid wastes.</p> <p>LANL is seeking to permit this unit.</p> <p>Comment: This unit has been included as part of the consolidated container storage area at TA-54, Area L. Current LANL General Part A Permit Application, Revision 5.0, April 2006 lists this as part of "Container storage unit within the fenced portion of Area L (for RCRA - regulated waste)."</p>
TA-54-L-Area 4 (container storage area)	S01	Permitted/ Interim Status	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991. It was also included as part of the LANL Hazardous Waste Facility Permit issued in November 1989 as part of the area within the fence at TA-54, Area L that can store solid wastes.</p> <p>LANL is seeking to permit this unit.</p> <p>Comment: This unit has been included as part of the consolidated container storage area at TA-54, Area L. Current LANL General Part A Permit Application, Revision 5.0, April 2006 lists this as part of "Container storage unit within the fenced portion of Area L (for RCRA - regulated waste)."</p>

Location description	Process Code	Permit Status	Unit History/Comments
TA-54-L-Area 5 (container storage area)	S01	Permitted/ Interim Status	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991. It was also included as part of the LANL Hazardous Waste Facility Permit issued in November 1989 as part of the area within the fence at TA-54, Area L that can store solid wastes.</p> <p>LANL is seeking to permit this unit.</p> <p>Comment: This unit has been included as part of the consolidated container storage area at TA-54, Area L. Current LANL General Part A Permit Application, Revision 5.0, April 2006 lists this as part of "Container storage unit within the fenced portion of Area L (for RCRA - regulated waste)."</p>
TA-54-L-Area 6 (container storage area)	S01	Permitted/ Interim Status	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991. It was also included as part of the LANL Hazardous Waste Facility Permit issued in November 1989 as part of the area within the fence at TA-54, Area L that can store solid wastes.</p> <p>LANL is seeking to permit this unit.</p> <p>Comment: This unit has been included as part of the consolidated container storage area at TA-54, Area L. Current LANL General Part A Permit Application, Revision 5.0, April 2006 lists this as part of "Container storage unit within the fenced portion of Area L (for RCRA - regulated waste)."</p>

Location description	Process Code	Permit Status	Unit History/Comments
TA-54-L, Bldg. 35, Storage/ Treatment Tanks (4) (closing) Storage Pad (proposed)	S02 (T01)	Permitted- Closed/ Proposed	<p>LANL's Part A Permit Application submitted November 1987 references this unit . Part A references this unit as "to be closed". Originally listed at "TA-54 Waste Sludge Cementation," however, the cementation process was not moved to TA-54.</p> <p>Four tanks were included in the LANL Hazardous Waste Facility Permit issued in November 1989 for storage and treatment of hazardous waste.</p> <p>Two of the four tanks were approved for closure in February 1997.</p> <p>Closure activities for the second two tanks began in July 2002. Closure plan modifications were requested, made and approved from September 2003 through April 2005. A closure certification report was submitted to NMED in October 2006. Closure for the final two tanks was approved in February 2007.</p> <p>LANL seeks permit the concrete pad that was beneath the tanks as a container storage unit.</p>
TA-54-L-39 Container Storage Building	S01	Proposed	<p>Unit was included as a proposed unit in the LANL General Part A Permit Application, Revision 4.0, December 2004</p> <p>LANL is seeking to permit this unit.</p>
TA-54-L, D80 Unit (MDA- L) (This is the same as two below.)	D80	Interim Status	<p>LANL Part A Permit Application dated 10/31/1984.</p> <p>Please see below.</p>
TA-54-L, Surface Impoundment B (Same unit as above and below)	D80	Interim Status	<p>Please see below</p>

Location description	Process Code	Permit Status	Unit History/Comments
TA-54-L, Landfill-- Includes Shafts 1, 13-17 and 19-34 and Impoundments B and D. (Impoundment C, see unit history. This is the same unit as above.)	D80	Interim Status	<p>Landfill was initially notified for as part of the initial LANL Part A Permit Application.</p> <p>In April 1985 LANL Part A Permit Application, Surface Impoundment B is included as "not used in lieu of treatment tanks."</p> <p>Closure and Post-closure Plan for Area L submitted November 1986. Closure Plan for MDA-L submitted March 1998. Closure/Post-Closure Plan for the TA-54, Area L Landfill was submitted in April 2002. Closure plan states that "Impoundment C was removed from listing as a unit because its final operating date precedes RCRA."</p> <p>This unit will be closed under interim status.</p> <p>Comment: LANL is submitting a revised Closure/Post-Closure plan March 2007.</p>
TA-54-L, shaft storage units Shafts 36 and 37	S99	Interim Status	<p>This unit was proposed in the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.</p> <p>Often referred to as "lead stringer shafts." Closure plan for unit has not been reviewed and closure certification was submitted to NMED dated October 20, 2006.</p> <p>These shafts are undergoing closure and will be closed under interim status.</p>
TA-54-L, Retrievable Storage Shaft (planned in 1991)	S01	Interim Status	<p>This unit was proposed in the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.</p> <p>Unit was never constructed and was requested to be withdrawn in the LANL General Part A Permit Application, Revision 0.0, April 1998.</p>

Location description	Process Code	Permit Status	Unit History/Comments
TA-54-L, Waste Oil Storage Tank (WOST)	S02	Permitted/ Interim Status- Closed	<p>Unit was included in the LANL RCRA Part B Permit Application, Revision 4.1, November 1988.</p> <p>Unit was closed in June 1994. For soil residuals, closure deferred. Last correspondence 8/6/92 – NMED approval of a closure plan. LANL’s unit assessment letter states that this unit was closed under interim status in 1991.</p>
TA-54-L- 2 un-numbered metal storage buildings	S01	Proposed/ Partially Withdrawn	<p>Requested in a permit modification package submitted in March 1993.</p> <p>Units were never purchased and one was requested to be withdrawn in the LANL General Part A Permit Application, Revision 0.0, April 1998.</p> <p>Comment: LANL requests that the final unnumbered building at TA-54, Area L be withdrawn from seeking a permit.</p>
TA-54-L, Truck Mounted Container Treatment System	T01	Removed from Interim Status	<p>Requested in a permit modification package submitted in March 1993.</p> <p>Unit was never purchased and was requested to be withdrawn in the LANL General Part A Permit Application, Revision 0.0, April 1998.</p>
TA-54-38-Indoor Includes; TA-54- west -RANT Bldg. (includes High Bay , Low Bay, and Loading Dock)	S01	Permitted	<p>Unit requested as part of a permit modification request that was approved February 1997.</p> <p>LANL is seeking to permit this unit and is seeking an expansion of the area.</p>

Location description	Process Code	Permit Status	Unit History/Comments
TA-54-38-west Outdoor (north of bldg.)	S01	Permitted/ Proposed	Unit requested as part of a permit modification request that was approved February 1997.  LANL is seeking to permit this unit and is seeking an expansion of the area.  Comment: LANL is currently requesting a Class 2 permit modification for the expansion of the outdoor container storage area of this unit.
<b>TA-55</b>			
TA-55-4, Oxygen Sparging Treatment Furnace (TA-54-4 429)	T04	Closed under Interim Status	This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.  NMED approved closure of unit February 1998.
TA-55-4, B38	S01	Closed under Interim Status	This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.  LANL General Part A Permit Application, Revision 0.0, April 1998 indicated this unit as one that LANL was planning on closing under interim status.  This container storage unit was approved for closure in January 2006.
TA-55-4, basement, Area 1 (B40)	S01	Interim Status/ Proposed	This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.  LANL is seeking to permit this container storage unit.
TA-55-4, basement, Area 2	S01	Closed under Interim Status	This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.  Area 2 is the same as TA-55-4-B38, please see above status.

Location description	Process Code	Permit Status	Unit History/Comments
TA-55-4, basement, Area 3 (B05)	S01	Interim Status	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.</p> <p>LANL General Part A Permit Application, Revision 0.0, April 1998 indicated this unit as one that LANL was planning on closing under interim status. This status is not correct for this unit.</p> <p>LANL is seeking to permit this container storage unit.</p>
TA-55-4, basement, Area 4 (K13)	S01	Interim Status	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.</p> <p>LANL is seeking to permit this container storage unit.</p>
TA-55-4, basement. Area 5 Northeast sections (B45)	S01	Interim Status	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.</p> <p>LANL is seeking to permit this container storage unit.</p>
TA-55-4, basement. Area 7 North end of basement CSA	S01	Removed from Interim Status	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.</p> <p>This unit was never used for storage of hazardous waste and was withdrawn in the LANL General Part A Permit Application, Revision 0.0, April 1998.</p>
TA-55-4 Basement vault	S01	Interim Status	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.</p> <p>LANL is seeking to permit this treatment unit.</p>

Location description	Process Code	Permit Status	Unit History/Comments
TA-55-4-401 Cementation unit for mixed TRU	T04	Interim Status	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.</p> <p>LANL is seeking to permit this treatment unit.</p>
TA-55-4-401 Vitrification unit for mixed TRU	T04	Proposed	<p>This unit has been in the design phase. At this time it is unclear if the unit will be constructed.</p>
TA-55-4-401 Mixed waste storage tanks	S02	Interim Status/ Proposed	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.</p> <p>This unit was divided into two units (Evaporator Glovebox Storage Tank System and Cementation Storage Tank System) in the LANL TA-55 Part A Permit Application, Revision 1.0, June 1996. The units were recombined as part of the initial Annual Unit Audit.</p> <p>LANL is seeking to permit this tank system an additional component for this system.</p> <p>Comment: LANL has recently deemed that the use of the third component of the system is unlikely and a decision has been made not to permit or construct the pencil tank component of the TA-55 waste storage tank system.</p>
TA-55-4-401 Evaporator glove box tank	S02		<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.</p> <p>This unit was divided into two units (Evaporator Glovebox Storage Tank System and Cementation Storage Tank System) in the LANL TA-55 Part A Permit Application, Revision 1.0, June 1996. The units were recombined as part of the initial Annual Unit Audit.</p> <p>Please see listing for "TA-55-4-401 Mixed waste storage tanks" for status.</p>

Location description	Process Code	Permit Status	Unit History/Comments
TA-55-4-401 Mixed waste Monitoring CSA (Area 8 also called FLO-1)	S01	Interim Status	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.</p> <p>This unit was never used for storage of hazardous waste and was withdrawn in the LANL General Part A Permit Application, Revision 0.0, April 1998.</p>
TA-55-4-401 Sphere Material Removal CSA (Area 9)	S01	Removed from Interim Status	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.</p> <p>This unit was never used for storage of hazardous waste and was withdrawn in the LANL General Part A Permit Application, Revision 0.0, April 1998.</p>
TA-55-4-401 CSA for Evaporator Salt Precipitate (Area 10)	S01	Interim Status	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.</p> <p>This unit was combined with and included as part of the evaporator glovebox storage tank system in the TA-55 Part B Permit Application, Revision 0.0, June 1996.</p>
TA-55-4-433 Mixed Waste Monitoring CSA (Area 11 -- referenced as Area 10 in June 1996)	S01	Removed from Interim Status	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.</p> <p>This unit was never used for storage of hazardous waste and was withdrawn in the LANL General Part A Permit Application, Revision 0.0, April 1998.</p>
TA-55-4-432 CSA Glovebox Process Waste (Area 12-- referenced as Area 11 in June 1996)	S01	Removed from Interim Status	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.</p> <p>This unit was never used for storage of hazardous waste and was withdrawn in the LANL General Part A Permit Application, Revision 0.0, April 1998.</p>

Location description	Process Code	Permit Status	Unit History/Comments
TA-55-41 CSA Vault	S01	Removed from Interim Status	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.</p> <p>This unit was never used for storage of hazardous waste and was withdrawn in the LANL General Part A Permit Application, Revision 0.0, April 1998.</p>
TA-55-185 Storage Building	S01	Proposed	<p>“The unit is not currently used for waste storage and is being sought as an additional storage area at TA-55”</p>
TA 55 Emergency Permit	T04	Emergency Permit- Closed	<p>This permit was approved in May 1994.</p> <p>It was clean closed in December 1994.</p>
TA-55 Outdoor storage pad near 55-004	S01	Interim Status/ Proposed	<p>This unit obtained interim status with the LANL Hazardous Waste Permit Application Part A for Mixed Waste, January 1991.</p> <p>This unit is to be permitted and LANL is seeking an expansion of the unit.</p>
<b>TA-57</b>			
Underground tank	NA	NA	<p>Although this unit is included in the table transmitted to LANL by NMED, there is no record of a request for this unit to be permitted as a hazardous waste unit. This "tank" is known as AOC 57-006. It is the former location of a plastic-lined, 55-gallon drum that was buried in the ground beneath a trailer at TA-57, Fenton Hill, that served as an analytical chemistry laboratory. The drum and its residual contents were removed as a voluntary corrective action in September 1994.</p>
<b>TA-63</b>			
TA-63 Chemical Waste Treatment Skid	T01	Proposed/ Withdrawn	<p>This unit was requested via a permit modification request in September 1993.</p> <p>This unit was never constructed and was requested to be withdrawn in August 1996. Its withdrawal was approved in December 1997.</p>

Location description	Process Code	Permit Status	Unit History/Comments
TA-63 Liquid Waste Storage Tanks (6)	S02	Proposed/ Withdrawn	<p>This unit was requested via a permit modification request in September 1993.</p> <p>This unit was never constructed and was requested to be withdrawn in August 1996. Its withdrawal was approved in December 1997.</p>