Los Alamos NATIONAL LABORATORY EST. 1943

U.S. DEPARTMENT OF ENERGY

ESHID-602897

Environment Safety & Health Directorate
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Los Alamos, New Mexico 87545
(505) 667-4218

Environmental Management
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Date: FEB 15 2018
Symbol: ADESH: 18-005
LA-UR: 18-20227
Locates Action No.: *N/A*

Mr. John E. Kieling, Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

Subject: **Class 1 Permit Modification Request to Add a New Co-Operator, Los Alamos National Laboratory Hazardous Waste Facility Permit, EPA ID # NM0890010515**

Dear Mr. Kieling:

The purpose of this letter is to request approval of a Class 1 permit modification from the New Mexico Environment Department-Hazardous Waste Bureau (NMED-HWB) to modify the Los Alamos National Laboratory (LANL) Hazardous Waste Facility Permit (Permit) issued to the U.S. Department of Energy (DOE) and Los Alamos National Security, LLC (LANS) (Permittees). The DOE recently awarded a contract to Newport News Nuclear BWXT-Los Alamos, LLC (N3B), effective April 30, 2018, to manage and operate specific hazardous waste management units (HWMUs) regulated under the Permit. The requested modification changes the Permit to transfer operational control from LANS to the new co-operator and permittee (N3B) for the specified HWMUs located at Technical Area (TA) 54, Areas G, H, and L. LANS will continue to operate the HWMUs located at TAs 3, 14, 16, 36, 39, 50, 55, 63, and 54 West. DOE will continue to own and co-operate all HWMUs under the Permit.

Enclosure 1 contains the Class 1 permit modification request and was prepared to meet the requirements of Permit Section 1.9.3, *Transfer of Permit*, and 20.4.1.900 NMAC (incorporating 40 CFR §§ 270.30(l)(3), 270.40, 270.42(a)(2), and 270.72(a)(4)).

Enclosure 2 contains a copy of the *Agreement to Transfer Operational Responsibilities Under the Hazardous Waste Facility Permit*, as required by 20.4.1.900 NMAC (incorporating 40 CFR § 270.40(b)).

The Permittees will provide notice of this permit modification to the facility mailing list within ninety days after receipt of NMED-HWB's written approval to meet the requirements of 20.4.1.900 NMAC (incorporating 40 CFR § 270.42(a)(1)(ii)).

Included with this letter are three hardcopies and one electronic copy of this submittal. The electronic copy, provided only to the NMED-HWB, contains the hardcopy in portable document format (PDF) and the word processing files used to create the hardcopy.

If you have comments or questions regarding this permit modification, please contact Karen Armijo, DOE, at (505) 665-7314 or Mark P. Haagenstad, LANS, at (505) 665-2014.

Sincerely,

Michael T. Brandt, DrPH, CIH
Associate Director
Los Alamos National Security, LLC

Sincerely,

William S. Goodrum
Manager, National Nuclear Security Administration
U.S. Department of Energy

Sincerely,

Douglas E. Hintze
Manager, Environmental Management
U.S. Department of Energy

MTB/WSG/DEH/MPH:am

Enclosures
1) Class 1 Permit Modification Request to Transfer Specified Operational Control to a New Co-Operator
2) Written Agreement to Transfer Operational Responsibilities Under the Hazardous Waste Facility Permit

Copy: Laurie King, USEPA/Region 6, Dallas, TX (E-File)
Butch Tongate, NMED, Santa Fe, NM, (E-File)
J.C. Borrego, NMED, Santa Fe, NM, (E-File)
Siona Briley, NMED/HWB, Santa Fe, NM, (E-File)
Neelam Dhawan, NMED/HWB, Santa Fe, NM, (E-File)
William S. Goodrum, NA-LA, (E-File)
Peter Maggiore, NA-LA, (E-File)
Karen E. Armijo, NA-LA, (E-File)
Darlene S. Rodriguez, NA-LA, (E-File)
Paul S. Holland, NA-LA, (E-File)
Silas DeRoma, NA-LA, (E-File)
Douglas E. Hintze, EM-LA, (E-File)
P. Benjamin Underwood, EM-LA, (E-File)
David J. Nickless, EM-LA, (E-File)
David S. Rhodes, EM-LA, (E-File)
Arturo Q. Duran, EM-LA, (E-File)
Craig S. Leasure, PADOPS, (E-File)
William R. Mairson, PADOPS, (E-File)
Randall M. Erickson, ADEM, (E-File)
David J. Funk, ADEM, (E-File)
Enrique Torres, ADEM, (E-File)
Cheryl D. Cabbil, ADNHHO, (E-File)
Michael T. Brandt, ADESH, (E-File)
John C. Bretzke, ADESH, (E-File)
Benjamine B. Roberts, EPC-DO, (E-File)
Stephanie Q. Griego, EWMO-DO, (E-File)
David E. Frederici, WD-DO, (E-File)
Robert C. Mason, TA55-DO, (E-File)
Taunia S. Van Valkenburg, EPC-CP, (E-File)
Ellen E. Gammon, EPC-WMP, (E-File)
Nicholas J. Lombardo, N3B, (E-File)
Elizabeth A. Ronquillo, NPI-9, (E-File)
Keith A. Lacy, NPI-7, (E-File)
Steven J. Singledecker, EPC-WMS, (E-File)
Mark P. Haagenstad, EPC-CP, (E-File)
Deborah K. Woitte, LC-ESH, (E-File)
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adesh-records@lanl.gov, (E-File)
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RECEIVED
FEB 16 2018
NMED Hazardous Waste Bureau

Mr. John E. Kieling, Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6303

Subject: **Class 1 Permit Modification Request to Add a New Co-Operator, Los Alamos National Laboratory Hazardous Waste Facility Permit, EPA ID # NM0890010515**

Dear Mr. Kieling:

The purpose of this letter is to request approval of a Class 1 permit modification from the New Mexico Environment Department-Hazardous Waste Bureau (NMED-HWB) to modify the Los Alamos National Laboratory (LANL) Hazardous Waste Facility Permit (Permit) issued to the U.S. Department of Energy (DOE) and Los Alamos National Security, LLC (LANS) (Permittees). The DOE recently awarded a contract to Newport News Nuclear BWXT-Los Alamos, LLC (N3B), effective April 30, 2018, to manage and operate specific hazardous waste management units (HWMUs) regulated under the Permit. The requested modification changes the Permit to transfer operational control from LANS to the new co-operator and permittee (N3B) for the specified HWMUs located at Technical Area (TA) 54, Areas G, H, and L. LANS will continue to operate the HWMUs located at TAs 3, 14, 16, 36, 39, 50, 55, 63, and 54 West. DOE will continue to own and co-operate all HWMUs under the Permit.

ENCLOSURE 1

Class 1 Permit Modification Request to Transfer Specified Operational Control to a New Co-Operator

ADESH:18-005

LA-UR-18-20227

Date: FEB 1 5 2018

Class 1 Permit Modification Request to Transfer Specified Operational Control to a New Co-Operator

This document contains a Class 1 permit modification request (PMR) for the Los Alamos National Laboratory (LANL) Hazardous Waste Facility Permit (Permit) issued by the New Mexico Environment Department-Hazardous Waste Bureau (NMED-HWB) to the U.S. Department of Energy (DOE) and the Los Alamos National Security, LLC (LANS) (Permittees) in November 2010. This PMR is being submitted in accordance with requirements of Permit Section 1.9.3, *Transfer of Permit*, and 20.4.1.900 NMAC (incorporating 40 CFR §§ 270.40(b), 270.42(a)(2), and 270.72(a)(4)).

Overview of Permit Modification

The U.S. Department of Energy recently awarded a contract to Newport News Nuclear BWXT-Los Alamos, LLC (N3B), effective April 30, 2018, to manage and operate designated hazardous waste management units (HWMUs) under the Permit. As a result of this contract award, the Permittees are submitting this PMR to transfer operational control and responsibilities from LANS to the new co-operator and permittee (N3B) for HWMUs located at Technical Area (TA) 54, Areas G, H, and L. LANS will continue to operate the HWMUs located at TAs 3, 14, 16, 36, 39, 50, 55, 63, and 54 West. The DOE will continue to own and co-operate all HWMUs under the Permit.

- Attachment 1 contains the proposed changes to the Permit in red text and strikeout. These changes are identified in Permit Part 1 (Permit Sections 1.2, 1.5, 1.9, 1.9.3, 1.9.16, 1.12), Permit Part 3 (Permit Sections 3.10, 3.11, 3.12.1, 3.13, 3.14), Permit Part 4, and Permit Part 7.
- Attachment 2 contains a revised and a clean Part A permit application to reflect the new co-operator (N3B) and updated site contact information as required by 20.4.1.900 NMAC (incorporating 40 CFR §§ 270.42(a)(b) and 270.72(a)(4)).
- Attachment 3 includes a signed certification by DOE and LANS for this PMR as required by 20.4.1.900 NMAC (incorporating 40 CFR § 270.11).

Basis

This change is classified as a "change in operational control" and therefore, is identified as a Class 1 permit modification pursuant to 20.4.1.900 NMAC (incorporating 40 CFR § 270.42, Appendix I, Item A.7).

Discussion of Changes

Permit Part 1

Permit Section 1.2, *General Permit Conditions*, has been revised to add N3B as the new co-operator and a Permittee responsible for the management and operational control of designated HWMUs at TA 54, Areas G, H, and L. Table 1.2.1 identifies the location of the HWMU, the

type of permitted unit, and the appropriate owner and co-operator. Permit Section 1.5(1) was revised to include the date the revised Part A permit application was submitted (concurrently with the PMR). Permit Section 1.9.1 was modified to include the word "applicable" to clarify that permit conditions for specific HWMUs may not apply to all of the Permittees. Permit Section 1.9.3 was modified to include a parenthetical notation after the term "Facility" to clarify that portions of the facility may transfer operations. Permit Section 1.9.16 was modified to clarify that all Permittees may not be required to sign all documents submitted to the NMED-HWB. Permit Section 1.12 was modified to delete the word "both" before the mention of the Permittees as there are three upon approval of this modification.

Permit Part 3
Proposed text has been added to Permit Part 3, *Storage in Containers*, within Permit Sections 3.10, 3.11, 3.12.1, 3.13, and 3.14 to indicate the appropriate owner and co-operator at the permitted units. As reflected in the changes in Permit Section 3.12, LANS and N3B will operate different permitted units at TA-54. N3B is a co-operator (along with DOE) of ten permitted units at Areas G and L. LANS is a co-operator (along with DOE) of two permitted units at TA-54 West.

Permit Part 4
Proposed text has been added to Permit Part 4, *TA-55 Storage in Tanks and Treatment by Stabilization,* to indicate the appropriate owner and co-operator (DOE and LANS) at the permitted units.

Permit Part 7
Proposed text has been added to Permit Part 7, *Stabilization in Containers,* to indicate the appropriate owner and co-operator (DOE and LANS) at the permitted unit.

Permit Attachment B
Permit Attachment B, *Part A Application,* has been revised to add the new co-operator (N3B) and updated site contact information. The revised Part A permit application was prepared using the most recent EPA Form 8700-23 (expires May 31, 2020), and is included as Attachment 2 to this PMR.

Attachment 1

Proposed Revisions to the Los Alamos National Laboratory Hazardous Waste Facility Permit

PART 1: GENERAL PERMIT CONDITIONS

1.1 AUTHORITY

This Permit is issued pursuant to the authority of the New Mexico Environment Department (Department) under the New Mexico Hazardous Waste Act (HWA), NMSA 1978, §§ 74-4-1 through 74-4-14, in accordance with the New Mexico Hazardous Waste Management Regulations (HWMR), 20.4.1 NMAC.

Pursuant to the Resource Conservation and Recovery Act (RCRA), 42 U.S.C. §§ 6901 to 6992k, and 40 CFR Part 271 and Part 272 Subpart GG, the State of New Mexico, through the Department, is authorized to administer and enforce the state hazardous waste management program under the HWA in lieu of the federal program.

This Permit contains terms and conditions that the Department has determined are necessary to protect human health and the environment (*see* 40 CFR § 270.32(b)(2)).

1.2 PERMITTEES AND PERMITTED ACTIVITY

The Secretary of the New Mexico Environment Department issues this Permit for hazardous waste management at the Los Alamos National Laboratory (LANL) to the United States Department of Energy (DOE), the owner and co-operator of LANL (EPA ID Number NM 0890010515)~~;~~ and Los Alamos National Security, LLC (LANS)~~,~~ and Newport News Nuclear BWXT-Los Alamos, LLC (N3B), co-operators of LANL.

This Permit authorizes DOE, ~~and~~ LANS, and N3B (the Permittees) to manage, store, and treat hazardous waste at LANL, and establishes the general and specific standards for these activities, pursuant to the HWA and the HWMR. This Permit also establishes standards for closure and post-closure care of permitted units at LANL pursuant to the HWA and HWMR.

LANS and N3B manage and operate different permitted units (also known as "hazardous waste management units" or HWMUs) as identified below in Table 1.2.1, and detailed in Attachment J, *Hazardous Waste Management Units*, Table J-1. LANS and N3B are solely responsible for operating their respective permitted units, and do not share management or operational authorities or responsibilities at these units. The Permittees have a duty to comply with this Permit and the conditions applicable to their respective permitted units identified in Table 1.2.1.

Table 1.2.1. List of Hazardous Waste Management Units and Co-Operators

Location	Type of Permitted Unit	Owner/Co-operator
TA-3	Storage	DOE/LANS
TA-14	Interim Status Open Burning/Open Detonation	DOE/LANS
TA-16	Interim Status Open Burning	DOE/LANS
TA-36	Interim Status Open Denotation	DOE/LANS
TA-39	Interim Status Open Denotation	DOE/LANS
TA-50	Storage and Treatment	DOE/LANS
TA-55	Storage and Treatment	DOE/LANS
TA-63	Storage	DOE/LANS
TA-54-38 West	Storage	DOE/LANS
TA-54 Areas G, H and L	Storage and Disposal (Including Units Undergoing Closure)	DOE/N3B

1.3 CITATIONS

Whenever this Permit incorporates by reference a provision of the 20.4.1 NMAC or Title 40 CFR, the Permit shall be deemed to incorporate the citation by reference, including all subordinate provisions of the cited provision, and make binding the full text of the cited provision.

Hazardous waste management regulations are cited throughout this Permit. The federal Hazardous Waste Management Regulations, 40 CFR Parts 260 through 273, are generally cited rather than the New Mexico Hazardous Waste Management Regulations, 20.4.1 NMAC. The federal regulations are cited because only the federal regulations set forth the detailed regulatory requirements; the State regulations incorporate by reference, with certain exceptions, the federal regulations in their entirety. Citing only the federal regulations also serves to avoid encumbering each citation with references to two sets of regulations. However, it is the State regulations that are legally applicable and enforceable. Therefore, for the purpose of this Permit, and enforcement of its terms and conditions, all references to provisions of federal regulations that have been incorporated into the State regulations shall be deemed to include the State incorporation of those provisions.

1.4 EFFECT OF PERMIT

As to those activities specifically authorized or otherwise specifically addressed under this Permit, compliance with this Permit during its term shall constitute compliance, for purposes of enforcement, with Subtitle C of RCRA and the HWA, and the implementing

regulations at 40 CFR Parts 264, 266, and 268 except for those requirements that become effective by statute after the Permit has been issued (*see* 40 CFR § 270.4).

Compliance with this Permit shall not constitute a defense to any order issued or any action brought under: §§ 74-4-10, 74-4-10.1, or 74-4-13 of the HWA; §§ 3008(a), 3008(h), 3013, 7002(a)(1)(B), or 7003 of RCRA; §§ 104, 106(a), or 107, of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), 42 U.S.C. §§ 9601 to 9675; or any other federal, state or local law providing for protection of public health or the environment.

This Permit does not convey any property rights of any sort or any exclusive privilege, nor authorize any injury to persons or property, any invasion of other private rights, or any infringement of state or local laws or regulations. Compliance with this Permit does not relieve Permittees from the responsibility of complying with all applicable state or federal laws and regulations (*see* 40 CFR §§ 270.4, 270.30(g) and 270.32(b)(1)).

1.4.1 Effect of this Permit on Interim Status Units

For the interim status units listed in Table J-1 that the Permittees do not choose to operate, the Permittees shall submit to the Department within 180 days of the effective date of this Permit either a notice of intent to close in accordance with a current closure plan, or a revised closure plan. These documents shall indicate that the closure of these interim status units shall be initiated in accordance with 40 CFR § 265.113(a) no later than 270 days of the effective date of this Permit.

For the interim status units listed in Table J-1 that the Permittees propose to permit, the Permittees shall submit to the Department 180 days of the effective date of this Permit a permit modification request in accordance with 40 CFR § 270.42 that includes all applicable information required at 40 CFR §§ 270.10, 270.11, 270.14, and 270.23 for each unit.

1.5 EFFECT OF INACCURACIES IN PERMIT APPLICATION

This Permit is based on information submitted in the Permittees' Application. The Application has numerous iterations; however this Permit is based on:

(1) the Part A Application dated ~~November 2013~~February 2018;

(2) the General Part B Permit Application dated August 2003;

(3) the TA-3-29 CMR Part B Application dated September 1999;

(4) the TA-50 Part B Permit Application dated August 2002;

(5) the TA-54 Part B Permit Application dated June 2003;

high-level radioactive waste; 2) waste that the DOE Secretary has determined, with the concurrence of the EPA Administrator, does not need the degree of isolation required by the disposal regulations; or 3) waste that the Nuclear Regulatory Commission (NRC) has approved for disposal on a case-by-case basis in accordance with 10 CFR Part 61 (*see* Pub. L. 102-579, § 2(18) (1992)).

Waste Stream means each waste material generated from a single process or from an activity that is similar in the materials from which it was generated, similar in its physical form and hazardous constituents, and distinguishable from other wastes by EPA Hazardous Waste Numbers and Land Disposal Restriction (LDR) status.

1.9 DUTIES AND REQUIREMENTS

1.9.1 Duty to Comply

The Permittees shall comply with all applicable conditions in this Permit, except to the extent and for the duration such noncompliance is authorized in a temporary emergency permit pursuant to 40 CFR § 270.61. Any Permit noncompliance, except under the terms of an emergency permit, constitutes a violation of the HWA and RCRA and is grounds for enforcement or other Department action and may subject the Permittees to an administrative or civil enforcement action, including civil penalties and injunctive relief, as provided in Permit Section 1.9.2, or permit modification, suspension, termination, or revocation, or denial of a permit application or modification request under § 74-4-4.2 of the HWA and 40 CFR §§ 270.41 and 270.43.

No delegation or assignment of the Permittees' responsibilities under this permit can be made to any person or entity, including a separately organized agency, without the expressed permission of the Department; this prohibition does not preclude the Permittees' use of contractors for remediation.

The Permittees shall not allow any person or entity which currently exists or may be created, including a separately organized agency, to interfere with the performance of their obligations or responsibilities under this Permit.

1.9.2 Enforcement

Any violation of a condition in this Permit may subject the Permittees or their officers, employees, successors, and assigns to:

1) a compliance order under § 74-4-10 of the HWA or § 3008(a) of RCRA (42 U.S.C. § 6928(a));

2) an injunction under § 74-4-10 of the HWA or § 3008(a) of RCRA (42 U.S.C. § 6928(a)), or § 7002(a) of RCRA (42 U.S.C. § 6972(a));

3) civil penalties under § 74-4-10 of the HWA or §§ 3008(a) and (g) of RCRA (42 U.S.C. §§ 6928(a) and (g)), or § 7002(a) of RCRA (42 U.S.C. § 6972(a));

4) criminal penalties under § 74-4-11 of the HWA or §§ 3008(d), (e), and (f) of RCRA (42 U.S.C. §§ 6928(d), (e), and (f)); or

5) some combination of the foregoing.

The list of authorities in this paragraph is not exhaustive and the Department reserves the right to take any action authorized by law to enforce the requirements of this Permit.

1.9.3 Transfer of Permit

The Permittees shall not transfer this Permit to any person except after prior written approval of the Department. The Department will require modification or revocation and re-issuance of the Permit, as specified in 40 CFR §§ 270.40(b) and 270.41(b)(2), to identify the new Permittees and incorporate other applicable requirements under the HWA, RCRA, and their implementing regulations. The prospective new Permittee shall file a disclosure statement with the Department, if applicable and as specified at § 74-4-4.7 of the HWA, prior to modification or revocation and re-issuance of the Permit.

Before transferring ownership or operation of the Facility (or portions thereof), the Permittees shall notify the new owner and operator in writing of all applicable requirements of this Permit and 40 CFR §§ 264.12(c) and 270.30(l)(3), which are incorporated herein by reference.

1.9.4 Need to Halt or Reduce Activity Not a Defense

The Permittees shall not use as a defense to an enforcement action that the Permittees must reduce permitted activities in order to maintain compliance with the conditions of this Permit (*see* 40 CFR § 270.30(c)).

1.9.5 Duty to Mitigate

In the event of noncompliance with this Permit, the Permittees shall take all reasonable steps to minimize releases of hazardous wastes and hazardous constituents to the environment and shall carry out such measures as are reasonable to prevent significant adverse impacts on human health or the environment (*see* 40 CFR § 270.30(d)).

1.9.6 Proper Operation and Maintenance

The Permittees shall at all times properly operate and maintain all facilities and systems of treatment and control and related appurtenances which are installed or used by the Permittees to achieve compliance with the conditions of this Permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls including appropriate quality assurance and quality control (QA/QC) procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with this Permit (*see* 40 CFR § 270.30(e)).

1.9.13 Written Reporting of a Non-threatening Release

The Permittees shall report to the Department in the submittal referenced in Permit Section 1.9.14 any release from or at a permitted unit that the Permittees do not deem a threat to human health or the environment. The written report shall include a description of the occurrence and its cause including the following information:

(1) name, address, and telephone number of the owner and operator;

(2) name, address, and telephone number of the Facility;

(3) date, time, and type of incident;

(4) name and quantity of materials involved; and

(5) the estimated quantity and disposition of recovered material that resulted from the incident.

The Permittees shall include in the report a description of the spill response activities as required in Permit Section 2.10.4 (*see* 40 CFR § 270.32(b)(2)).

1.9.14 Other Noncompliance

The Permittees shall report all instances of noncompliance not reported under Permit Section 1.9.11. This report shall be submitted to the Department annually by December 1 for the year ending the previous September 30. These reports shall contain the information listed in Permit Section 1.9.12.2 and 40 CFR § 270.30(1)(10), which is incorporated herein by reference. The Permittees shall notify the Department in writing if there were no instances of noncompliance during the reporting period. This notice shall be submitted to the Department by December 1 for the year ending the previous September 30.

1.9.15 Omissions or Misstatements in Applications or Other Reports

Whenever the Permittees become aware that they have failed to submit any relevant facts in a permit application, or have submitted incorrect information in a permit application or a report to the Department, the Permittees shall promptly report such facts or information in compliance with 40 CFR § 270.30(1)(11), which is incorporated herein by reference.

1.9.16 Signatory requirement

Solely for their respective permitted units, t~~T~~he Permittees shall sign and certify all applications, reports, or information submitted to the Department and required by this Permit in compliance with 40 CFR §§ 270.11 and 270.30(k), which are incorporated herein by reference.

(2) a topographic map as required by 40 CFR § 270.13(l) and this Permit;

(3) the Waste Analysis Plan as required by 40 CFR § 264.13(b) and this Permit;

(4) the Inspection Plan (*see* 40 CFR § 264.15(b)); and

(5) a copy of emergency response agreements including all Memorandums of Agreement, Memorandums of Understanding, and Mutual Aid Agreements.

The above-mentioned list is not intended to be exhaustive.

The Permittees shall maintain the documents referenced in this Permit Section in a paper or an electronic format acceptable to the Department.

1.12 COMMUNITY RELATIONS PLAN

The Permittees shall establish and implement a Community Relations Plan (CRP) to describe how the Permittees will keep communities and interested members of the public informed of Permit-related activities, including waste management, closure, post-closure, and corrective action (*see* 40 CFR § 270.32(b)(2)). The CRP shall explain how communities and interested members of the public can participate in Permit-related activities.

The CRP must describe how the Permittees will:

(1) establish an open working relationship with communities and interested members of the public;

(2) establish a productive government to government relationship with local tribes and pueblos (including the Pueblos of San Ildefonso, Santa Clara, Jemez, and Cochiti);

(3) keep communities and interested members of the public informed of permit actions of interest (*e.g.*, clean-up activities, implementation of the Contingency Plan, Permit modification requests);

(4) minimize disputes and resolve differences with communities and interested members of the public;

(5) provide a mechanism for the timely dissemination of information in response to individual requests; and

(6) provide a mechanism for communities and interested members of the public to provide feedback and input to the Permittees.

The DOE shall consult on a government-to-government basis with the tribes and pueblos and ~~both~~ Permittees shall communicate with and solicit comments from communities and interested members of the public when developing the CRP in an effort to ensure the program is responsive to their needs. The Permittees shall document in the Facility Operating Record all consultations, communications, agreements, and disagreements between the Permittees and all participating entities, with the approval of those entities, regarding the development of the CRP. The CRP shall specify how the DOE will consult on a government-to-government basis with the tribes and pueblos, and how the Permittees will solicit comments from communities and interested members of the public annually concerning how they may be made better informed of the issues related to this Permit. The CRP shall specify that the Permittees will, on or before September 1 of each year, post on the Permittees' web site a compilation of all such comments, including any statements of disagreement, with the approval of those entities in a manner set forth in the CRP.

The Permittees shall not document in the Facility Operating Record or post on the Permittees' web site consultations, communications, agreements, and disagreements between the DOE and tribes and pueblos unless those tribes and pueblos specifically request that the information be included in the Facility Operating Record or be posted on the Permittees' web site.

The Permittees shall implement and post the CRP on the Permittees' web site within 180 days of the effective date of this Permit (*see* Permit Attachment I (*Compliance Schedule*)). The Permittees shall maintain the CRP until the termination of this Permit.

1.13 PUBLIC NOTIFICATION VIA ELECTRONIC MAIL (E-MAIL)

The Permittees shall notify individuals by e-mail of submittals as specified in this Permit. The Permittees shall maintain a list of individuals who have requested e-mail notification and send such notices to persons on that list. The notice shall be sent within seven days of the submittal date and shall include a direct link to the specific document to which it relates.

The Permittees shall provide a link on the internet on the Permittees' environmental home page (http://www.lanl.gov/environment) whereby members of the public may submit a request to be placed on the e-mail notification list. In the event that the environmental home page stops operation, the Permittees shall use their best efforts to fully restore the page and its operation as soon as possible.

1.14 DISPUTE RESOLUTION

In the event the Permittees disagree, in whole or in part, with a condition or disapproval of any submittal, the Permittees may seek dispute resolution.

3.10 TA-3 CONTAINER STORAGE REQUIREMENTS

The Permittees (DOE and LANS) co-operate hazardous waste management units at TA-3 and have a duty to meet the additional permit requirements in this Section.

3.10.1 General Operating Conditions

The Permittees shall ensure that storage of hazardous or mixed waste in containers at TA-3-29 occurs only in the CSU in Rooms 9010, and portions of Rooms 9020, and 9030 identified in Attachment A (*Technical Area Unit Descriptions*) and Attachment J (*Hazardous Waste Management Units*), Table J-1 (*Active Portion of the Facility*).

3.10.2 Secondary Containment

The Permittees shall paint the floors in Rooms 9010, 9020, and 9030 within the TA-3-29 permitted unit with an epoxy sealant. The sealant must be maintained in accordance with Permit Section 3.7.1 of this Part and the manufacturer's specifications.

3.11 TA-50 CONTAINER STORAGE REQUIREMENTS

The Permittees (DOE and LANS) co-operate hazardous waste management units at TA-50 and have a duty to meet the additional permit requirements in this Section.

3.11.1 General Operating Conditions

(1) The Permittees shall ensure that storage of hazardous or mixed waste in containers at TA-50 occurs only in two areas: 1) an indoor storage area located in Building 69 (TA-50-69), Rooms 102 and 103; and 2) an outdoor storage area (TA-50-69, Outdoor) located south/southeast of Building 69, comprised of an asphalt pad and modular transportainer units, as identified in Attachment A (*Technical Area Unit Descriptions)* and Attachment J (*Hazardous Waste Management Units*).

(2) The Permittees shall ensure that ignitable wastes will not be stored inside the glovebox located within the indoor permitted unit.

(3) The Permittees shall at all times maintain a fire access lane between the TA-50-69 Outdoor and Indoor permitted units (*see* 40 CFR § 270.32(b)(2)).

3.11.2 Preventing Hazards in Loading/Unloading

The Permittees shall not load or unload waste at TA-50 during severe weather conditions.

3.11.3 Preventing Run-on

The Permittees shall prevent surface water run-on from contacting stored waste containers at the TA-50 permitted units.

The Permittees shall annually inspect and when necessary maintain the drainage swales located south of the permitted unit between the permitted unit and Material Disposal Area (MDA) C, and located on the west side of the permitted unit between Pecos Drive and the TA-50 fence line, to ensure that potential run-on is directed away from the permitted units (*see* 40 CFR § 264.175(c)(1)).

3.12 TA-54 CONTAINER STORAGE REQUIREMENTS

3.12.1 General Operating Conditions

The Permittees shall ensure that storage of hazardous waste in containers at TA-54 occurs only in the permitted unit at Area L, the nine permitted units at Area G, the two permitted units at TA-54 West, and as identified in Attachment A (*Technical Area Unit Descriptions)* and Attachment J (*Hazardous Waste Management Units*). Permittees LANS and N3B co-operate different permitted units at TA-54. LANS co-operates two permitted units at TA-54 West and N3B co-operates ten permitted units at Areas G and L. Permittees have a duty to meet the additional Permit requirements of this Section solely for their respective permitted units, as specified below.

Area G (N3B, co-operator)

(1) The Permittees shall remove all fluids above the HDPE liner at Area G, Dome 224 within 24 hours of discovery (*see* 40 CFR§ 270.32(b)(2)). The Permittees shall include a record of the evacuation in the Facility's Operating Record including a complete chemical analysis of the fluid.

(2) The Permittees shall ensure that at Area G, all containers storing hazardous waste with free liquids are stored on secondary containment pallets, except inside the following structures: Domes 230, and Sheds 144, 145, 146, 177, 1027, 1028, 1029, and 1041.

Area L (N3B, co-operator)

(1) The 10,000 gallon holding tank at Area L, Dome 215 shall be inspected monthly and any detected fluids shall be characterized and removed within 3 days. The Permittees shall include a record of all holding tank inspections and evacuations in the Facility's Operating Record, including a complete chemical analysis of the tank contents (*see* 40 CFR § 270.32(b)(2)).

(2) The Permittees shall ensure that at Area L, all containers storing hazardous waste with free liquids are stored on secondary containment pallets, except when inside the following structures: Sheds 31, 68, 69, 70; concrete pad with canopy TA-54-32; concrete pads TA-54-35, TA-54-36, TA-54-58; and building TA-54-39 (Room 101 and South Containment Pad).

TA-54 West (LANS, co-operator)

The Permittees may store mixed TRU wastes in sealed Nuclear Regulatory Commission (NRC) certified Type-B shipping containers at the TA-54 West Outdoor permitted unit without secondary containment and weather protection.

The Permittees may use the Outdoor Pad excess storage capacity listed in Attachment J, Table J-1, only as specified in Permit Attachment A, Section A.4.3.2 (see 40 CFR § 270.32(b)(2)).

The Permittees shall send a notification to the Secretary upon using the excess storage capacity that provides justification for its use. The Permittees shall send the notification to the e-mail notification list as specified in Permit Section 1.13.

3.12.2 Preventing Run-on and Run-off

3.12.2.1 Domes 153 & 283

The Permittees shall repair the 6-inch-high, 8-inch-wide curb at the perimeter of Domes 153 and 283 to prevent run-on/run-off to and from the permitted unit.

3.12.2.2 Storage Shed 8

The Permittees shall repair the 6-inch high, 8-inch-wide curb at Storage Shed 8 in as timely a manner as possible to prevent run-on/run-off to and from the permitted unit. The concrete slab on the south side of the shed shall be sloped away from the shed's foundation to prevent run-on. If the concrete slab is damaged, the Permittees shall repair the slab to prevent run-on to the permitted unit.

3.12.2.3 TA-54-33

The Permittees shall repair the 6-inch-high, 8-inch-wide concrete curb at the perimeter of the dome at TA-54-33 to prevent run-on/run-off to and from the permitted unit. The concrete floors of Rooms 100, 100A, 100B, 100C, and 105 shall slope inward to prevent run-off. If the concrete floors are damaged, the Permittees shall repair the floor(s) to prevent run-off from the permitted unit.

3.12.3 Secondary Containment

3.12.3.1 TA-54-32

The Permittees shall treat the concrete sumps with chemical-resistant epoxy filler-sealer and protective coating, providing an impervious seal to contain any potential leaks, spills, or accumulation of precipitation. The Permittees shall maintain the chemical-resistant epoxy and protective coating in accordance with Permit Section 3.7.1 and the manufacturer's specifications.

in accordance with Permit Section 3.7.1 of this Permit Part and the manufacturer's specifications.

3.12.3.7 Dome 224

The Permittees shall not rely on the engineered high-density polyethylene (HDPE) liner in Dome 224 as a method of secondary containment and shall instead store all hazardous waste container holding free liquids on secondary containment pallets.

3.13 TA-55 CONTAINER STORAGE REQUIREMENTS

The Permittees (DOE and LANS) co-operate hazardous waste management units at TA-55 and have a duty to meet the additional permit requirements in this Section.

3.13.1 General Operating Conditions

The Permittees shall ensure that storage of hazardous or mixed waste in containers at TA-55 occurs only in the permitted units B13, B45, B40, B05, G12, K13, the vault located at TA-55-4, TA-55-0355 Pad and the outdoor container storage pad located northwest of TA-55-4, and as identified in Attachment A (*Technical Area Unit Descriptions*) and Attachment J (*Hazardous Waste Management Units*).

3.14 TA-63 CONTAINER STORAGE REQUIREMENTS

The Permittees (DOE and LANS) co-operate hazardous waste management units at TA-63 and have a duty to meet the additional permit requirements in this Section.

3.14.1 General Operating Conditions

The Permittees shall ensure that storage and characterization of hazardous waste in containers at the Transuranic Waste Facility (TWF) occurs only on the permitted unit pad at TA-63, and as identified in Attachment A (*Technical Area Unit Descriptions)* and Attachment J (*Hazardous Waste Management Units*). This includes five storage buildings, the storage and characterization building, the characterization trailers, and the outside areas of the concrete pad within the unit boundary subject to the provisions of Permit Section 3.5.1, *Storage Configuration and Minimum Aisle Space*.

(1) The Permittees shall store all hazardous waste containers known or suspected of holding free liquids on secondary containment pallets. If containers with free liquid are stored in the characterization trailers without secondary containment pallets for longer than 24 hours, the Permittees shall follow the reporting conditions of Permit Section 1.9.14, Other Noncompliance.

(2) The Permittees shall not store containers with ignitable or reactive waste (E.P.A. Hazardous Waste Numbers D001 or D003) within 15 meters of the permitted unit's security barrier system shown in Figure 55 (*see* 40 CFR §264.176 and

PART 4: TA-55 STORAGE IN TANKS AND TREATMENT BY STABILIZATION

Permittees (DOE and LANS) have a duty to meet the additional Permit requirements of this Part, Sections 4.1 through 4.6.

4.1 GENERAL CONDITIONS

(1) The Permittees shall store mixed waste in tanks in accordance with the requirements of 40 CFR Part 264, Subpart J, which is incorporated herein by reference and this Permit Part. The Permittees shall treat mixed waste by stabilization in accordance with the requirements of 40 CFR Part 264, Subpart X, which is incorporated herein by reference and this Permit Part.

(2) The Permittees shall, in accordance with this Permit Part, maintain and operate the mixed waste storage tank unit, the stabilization unit, all ancillary equipment as defined in 40 CFR § 260.10, and the associated secondary containment system at TA-55 as described at Attachment A (*Technical Area Unit Descriptions*).

(3) The Permittees shall store mixed waste only in the tank systems associated with the permitted unit identified with process code S02 in Attachment J (*Hazardous Waste Management Units*), Table J-1 (*Active Portion of the Facility*). The Permittees shall treat mixed waste by stabilization only in the permitted unit identified with process code T04 in Attachment J, Table J-1. The Permittees shall not store or treat mixed waste in quantities that exceed the operating capacities identified in Table J-1.

(4) The Permittees shall store in the tank unit and treat in the stabilization unit only those wastes with the EPA Hazardous Waste Numbers listed in association with the applicable storage tank unit and stabilization unit in Attachment B (*Part A Application*).

(5) The Permittees shall ensure that mixed wastes or treatment reagents are not placed in the storage tank or stabilization units if they could cause the units, their ancillary equipment, or the containment system to rupture, leak, corrode, or otherwise fail (*see* 40 CFR § 264.194(a)).

4.2 EXISTING TANK SYSTEM INTEGRITY

The Permittees shall maintain in the Facility Operating Record the written integrity assessments of the existing tank unit system provided with the Permittees' Permit Application.

PART 7: STABILIZATION IN CONTAINERS

Permittees (DOE and LANS) have a duty to meet the additional Permit requirements of this Part, Sections 7.1 through 7.6.

7.1 GENERAL CONDITIONS

(1) The Permittees shall treat waste by stabilization in containers at TA-50-69 Indoor Permitted Unit in accordance with this Permit Part and the requirements of 40 CFR Part 264, Subpart I, which is incorporated herein by reference.

(2) The Permittees shall, in accordance with this Permit Part, maintain and operate the equipment utilized for stabilization treatment as described at Attachment A (*Technical Area Unit Descriptions*).

(3) The Permittees shall treat by stabilization in containers only in the permitted unit identified with process code T04 in attachment J, Table J-1. The Permittees shall not store or treat waste in quantities that exceed the operating capacities identified in Table J-1.

(4) The Permittees shall treat by stabilization only those wastes with EPA Hazardous Waste Numbers listed in association with the applicable permitted storage unit and stabilization process in Attachment B (*Part A Application*).

(5) The Permittees shall ensure that wastes or treatment reagents are not used in the stabilization process if they could cause the equipment used for treatment to rupture, leak, corrode, or otherwise fail.

7.2 GLOVEBOX INTEGRITY AND CONTAINMENT

(1) The Permittees shall maintain in the Facility Operating Record the written integrity assessment of the glovebox system used to treat nitrate salt-bearing waste.

(2) The Permittees shall use appropriate controls and practices to prevent spill and releases from the glovebox containment system.

7.3 STABILIZATION REQUIREMENTS

(1) The Permittees shall ensure that nitrate salt-bearing waste is treated within an enclosed glovebox or other containment equipment.

Attachment 2

Revised Part A Permit Application (EPA Form 8700-23)

Revised Part A Permit Application, February 2018

This document contains a revised Part A permit application as necessary to incorporate *Newport News Nuclear BWXT-Los Alamos* as a new co-operator and permittee into the Los Alamos National Laboratory (LANL) Hazardous Waste Facility Permit (Permit) as required by 20.4.1.900 (incorporating 40 CFR §§ 270.42(a)(2), 270.40 and 270.72(a)(4)). Included in this submittal are two enclosures: (1) highlighted revisions to those portions of the Part A permit application that were updated, and (2) a full copy of the revised Part A application for insertion as "Attachment B" of the Permit. The Permittees will submit a clean-copy of the fully updated Part A permit application under a separate cover letter that will include figures and maps updates not necessary for the addition of the new co-operator.

Highlighted Revisions to the Los Alamos National Laboratory Part A Form

8. Site Contact Information

☐ Same as Location Address

First Name **William**	MI **S**	Last Name **Goodrum**
Title **Manager, National Nuclear Security Administration, Los Alamos Field Office, U. S. Department of Energy**		
Street Address **3747 West Jemez Road, MS A316**		
City, Town, or Village **Los Alamos**		
State **New Mexico**	Country **USA**	Zip Code **87544**
Email **steve.goodrum@nnsa.doe.gov**		
Phone **(505) 667-5105**	Ext	Fax **(505) 667-5948**

9. Legal Owner and Operator of the Site

A. Name of Site's Legal Owner

☐ Same as Location Address

Full Name United States Department of Energy	Date Became Owner (mm/dd/yyyy) 1/1/1943

Owner Type

☐ Private ☐ County ☐ District ☑ Federal ☐ Tribal ☐ Municipal ☐ State ☐ Other

Street Address 3747 West Jemez Road, MS A316		
City, Town, or Village Los Alamos		
State New Mexico	Country **USA**	Zip Code 87544
Email		
Phone (505) 667-5105	Ext	Fax (505) 667-5948

Comments The U.S Department of Energy (DOE) owns and co-operates the facility. The DOE National Nuclear Security Administration, Los Alamos Field Office and Los Alamos National Security, LLC (LANS) co-operate specified hazardous waste management units located at Technical Areas (TA) 3, 14, 16, 36, 39, 50, 55, 63, and 54 West. The DOE Environmental Management, Los Alamos Field Office and Newport News Nuclear BWXT-Los Alamos, LLC (N3B) co-operate different hazardous waste management units located at TA 54, Areas G, H and L.

B. Name of Site's Legal Operator

☐ Same as Location Address

Full Name Los Alamos National Security, LLC (LANS)	Date Became Operator (mm/dd/yyyy) 6/1/2006

Operator Type

☑ Private ☐ County ☐ District ☐ Federal ☐ Tribal ☐ Municipal ☐ State ☐ Other

Street Address **105 Central Park Square, MS M325**		
City, Town, or Village **Los Alamos**		
State **New Mexico**	Country **USA**	Zip Code **87544**
Email		
Phone **(505) 606-0105**	Ext	Fax **(505) 665-9096**

Comments **See Item 18, Comments, for additional Operator**

18. Comments (include item number for each comment)

8- Additional Site Contact Information
First Name: Douglas **MI: E** **Last Name: Hintze**
Title: Manager, Environmental Management, Los Alamos Field Office, U. S. Department of Energy
Street Address: 1900 Diamond Drive, MS M984 **City, Town, or Village: Los Alamos**
State: NM **Country: USA** **Zip Code: 87544**
Email: douglas.hintze@em.doe.gov
Phone: (505) 665-5820 **Ext:** **Fax: (505) 665-5903**
9B- Additional Name of Site Legal Operator
Newport News Nuclear BWXT-Los Alamos, LLC (N3B) **Date Became an Operator: 04/30/2018** **Operator Type: Private**
Street Address: 600 6th Street **City, Town, or Village: Los Alamos**
State: NM **Country: USA** **Zip Code: 87544**
Email: nlombardo@hii-sn3.com
Phone: (303) 546-4403 **Ext:** **Fax: (303) 443-1408**

19. Certification I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations. **Note: For the RCRA Hazardous Waste Part A permit Application, all owners and operators must sign (see 40 CFR 270.10(b) and 270.11)**.

Signature of legal owner, operator or authorized representative	Date (mm/dd/yyyy)
Printed Name (First, Middle Initial Last) **William S. Goodrum**	Title **Manager, National Nuclear Security Administration, Los Alamos Field Office, U.S. Department of Energy**
Email **steve.goodrum@nnsa.doe.gov**	

Signature of legal owner, operator or authorized representative	Date (mm/dd/yyyy)
Printed Name (First, Middle Initial Last) **Michael T. Brandt**	Title **Operator, Los Alamos National Security , LLC (LANS)**
Email **mtbrandt@lanl.gov**	

18. Comments (include item number for each comment)

19. Certification I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations. **Note: For the RCRA Hazardous Waste Part A permit Application, all owners and operators must sign (see 40 CFR 270.10(b) and 270.11)**.

Signature of legal owner, operator or authorized representative	Date (mm/dd/yyyy)
Printed Name (First, Middle Initial Last) **Douglas E. Hintze**	Title **Manager, Environmental Management, Los Alamos Field Office, U.S. Department of Energy**
Email **douglas.hintze@em.doe.gov**	

Signature of legal owner, operator or authorized representative	Date (mm/dd/yyyy)
Printed Name (First, Middle Initial Last) **Nicholas J. Lombardo**	Title **Operator, Newport News Nuclear BWXT-Los Alamos, LLC (N3B)**
Email **nlombardo@hii-sn3.com**	

United States Environmental Protection Agency

HAZARDOUS WASTE PERMIT PART A FORM

1. Facility Permit Contact

First Name	**William**	MI	**S**	Last Name	**Goodrum**
Title	**Manager, National Nuclear Security Administration Los Alamos Field Office, DOE**				
Email	**steve.goodrum@nnsa.doe.gov**				
Phone	**505-667-5105**	Ext		Fax	**505-667-5948**

2. Facility Permit Contact Mailing Address

Street Address	**3747 West Jemez Road, MS A316**	
City, Town, or Village	**Los Alamos**	
State **NM**	Country **USA**	Zip Code **87544**

3. Facility Existence Date (mm/dd/yyyy)

01/01/1943

4. Other Environmental Permits

A. Permit Type	B. Permit Number	C. Description
See Attached		

5. Nature of Business

The central mission of Los Alamos National Laboratory is the reduction of global nuclear danger supported by research that also contributes to conventional defense, civilian, and industrial needs. This includes programs in nuclear, medium energy, and space physics; hydrodynamics; conventional explosives; chemistry; metallurgy; radiochemistry; space nuclear systems; controlled thermonuclear fusion; laser research; environmental technology; geothermal, solar, and fossil energy research; nuclear safeguards; biomedicine; health and biotechnology; and industrial partnerships.

Revised Part A Permit Application

OMB# 2050-0024; Expires 05/31/2020

United States Environmental Protection Agency
RCRA SUBTITLE C SITE IDENTIFICATION FORM

1. Reason for Submittal (Select only one.)

☐	Obtaining or updating an EPA ID number for an on-going regulated activity that will continue for a period of time. (Includes HSM activity)
☐	Submitting as a component of the Hazardous Waste Report for _____ (Reporting Year)
	☐ Site was a TSD facility and/or generator of > 1,000 kg of hazardous waste, > 1 kg of acute hazardous waste, or > 100 kg of acute hazardous waste spill cleanup in **one or more months of the reporting year** (or State equivalent LQG regulations)
☐	Notifying that regulated activity is no longer occurring at this Site
☐	Obtaining or updating an EPA ID number for conducting Electronic Manifest Broker activities
☑	Submitting a new or revised Part A Form

2. Site EPA ID Number

N	M	0	8	9	0	0	1	0	5	1	5

3. Site Name

Los Alamos National Laboratory

4. Site Location Address

Street Address **Bikini Atoll Road, SM-30**		
City, Town, or Village **Los Alamos**		County **Los Alamos**
State **New Mexico**	Country **USA**	Zip Code **87545**

5. Site Mailing Address ☐ Same as Location Address

Street Address **PO Box 1663, MS A316**		
City, Town, or Village **Los Alamos**		
State **New Mexico**	Country **USA**	Zip Code **87544**

6. Site Land Type

☐ Private ☐ County ☐ District ☑ Federal ☐ Tribal ☐ Municipal ☐ State ☐ Other

7. North American Industry Classification System (NAICS) Code(s) for the Site (at least 5-digit codes)

A. (Primary)	**928110**	C.	**562211**
B.	**54171**	D.	**562910**

8. Site Contact Information

☐ Same as Location Address

First Name **William**	MI **S**	Last Name **Goodrum**
Title **Manager, National Nuclear Security Administration, Los Alamos Field Office, U. S. Department of Energy**		
Street Address **3747 West Jemez Road, MS A316**		
City, Town, or Village **Los Alamos**		
State **New Mexico**	Country **USA**	Zip Code **87544**
Email **steve.goodrum@nnsa.doe.gov**		
Phone **(505) 667-5105**	Ext	Fax **(505) 667-5948**

9. Legal Owner and Operator of the Site

A. Name of Site's Legal Owner

☐ Same as Location Address

Full Name: United States Department of Energy	Date Became Owner (mm/dd/yyyy): 1/1/1943

Owner Type: ☐ Private ☐ County ☐ District ☑ Federal ☐ Tribal ☐ Municipal ☐ State ☐ Other

Street Address: 3747 West Jemez Road, MS A316		
City, Town, or Village: Los Alamos		
State: New Mexico	Country: **USA**	Zip Code: 87544
Email		
Phone: (505) 667-5105	Ext	Fax: (505) 667-5948

Comments: The U.S Department of Energy (DOE) owns and co-operates the facility. The DOE National Nuclear Security Administration, Los Alamos Field Office and Los Alamos National Security, LLC (LANS) co-operate specified hazardous waste management units located at Technical Areas (TA) 3, 14, 16, 36, 39, 50, 55, 63, and 54 West. The DOE Environmental Management, Los Alamos Field Office and Newport News Nuclear BWXT-Los Alamos, LLC (N3B) co-operate different hazardous waste management units located at TA 54, Areas G, H and L.

B. Name of Site's Legal Operator

☐ Same as Location Address

Full Name: Los Alamos National Security, LLC (LANS)	Date Became Operator (mm/dd/yyyy): 6/1/2006

Operator Type: ☑ Private ☐ County ☐ District ☐ Federal ☐ Tribal ☐ Municipal ☐ State ☐ Other

Street Address **105 Central Park Square, MS M325**		
City, Town, or Village **Los Alamos**		
State **New Mexico**	Country **USA**	Zip Code **87544**
Email		
Phone **(505) 606-0105**	Ext	Fax **(505) 665-9096**

Comments **See Item 18, Comments, for additional Operator**

10. Type of Regulated Waste Activity (at your site)

Mark "Yes" or "No" for all current activities (as of the date submitting the form); complete any additional boxes as instructed.

A. Hazardous Waste Activities

☑ Y ☐ N	1. Generator of Hazardous Waste—If "Yes", mark only one of the following—a, b, c		
	☑	a. LQG	-Generates, in any calendar month (includes quantities imported by importer site) 1,000 kg/mo (2,200 lb/mo) or more of non-acute hazardous waste; or - Generates, in any calendar month, or accumulates at any time, more than 1 kg/mo (2.2 lb/mo) of acute hazardous waste; or - Generates, in any calendar month or accumulates at any time, more than 100 kg/mo (220 lb/mo) of acute hazardous spill cleanup material.
	☐	b. SQG	100 to 1,000 kg/mo (220-2,200 lb/mo) of non-acute hazardous waste and no more than 1 kg (2.2 lb) of acute hazardous waste and no more than 100 kg (220 lb) of any acute hazardous spill cleanup material.
	☐	c. VSQG	Less than or equal to 100 kg/mo (220 lb/mo) of non-acute hazardous waste.
If "Yes" above, indicate other generator activities in 2 and 3, as applicable.			
☐ Y ☑ N	2. Short-Term Generator (generates from a short-term or one-time event and not from on-going processes). If "Yes", provide an explanation in the Comments section.		
☑ Y ☐ N	3. Mixed Waste (hazardous and radioactive) Generator		
☑ Y ☐ N	4. Treater, Storer or Disposer of Hazardous Waste—Note: A hazardous waste Part B permit is required for these activities.		
☑ Y ☐ N	5. Receives Hazardous Waste from Off-site		
☐ Y ☑ N	6. Recycler of Hazardous Waste		
	☐	a. Recycler who stores prior to recycling	
	☐	b. Recycler who does not store prior to recycling	
☐ Y ☑ N	7. Exempt Boiler and/or Industrial Furnace—If "Yes", mark all that apply.		
	☐	a. Small Quantity On-site Burner Exemption	
	☐	b. Smelting, Melting, and Refining Furnace Exemption	

B. Waste Codes for Federally Regulated Hazardous Wastes. Please list the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (e.g. D001, D003, F007, U112). Use an additional page if more spaces are needed.

See Attached						

C. Waste Codes for State Regulated (non-Federal) Hazardous Wastes. Please list the waste codes of the State hazardous wastes handled at your site. List them in the order they are presented in the regulations. Use an additional page if more spaces are needed.

None						

11. Additional Regulated Waste Activities (NOTE: Refer to your State regulations to determine if a separate permit is required.)

A. Other Waste Activities

☑ Y ☐ N	1. Transporter of Hazardous Waste—If "Yes", mark all that apply.
☑	a. Transporter
☑	b. Transfer Facility (at your site)
☐ Y ☑ N	2. Underground Injection Control
☐ Y ☑ N	3. United States Importer of Hazardous Waste
☐ Y ☑ N	4. Recognized Trader—If "Yes", mark all that apply.
☐	a. Importer
☐	b. Exporter
☐ Y ☑ N	5. Importer/Exporter of Spent Lead-Acid Batteries (SLABs) under 40 CFR 266 Subpart G—If "Yes", mark all that apply.
☐	a. Importer
☐	b. Exporter

B. Universal Waste Activities

☑ Y ☐ N	1. Large Quantity Handler of Universal Waste (you accumulate 5,000 kg or more) - If "Yes" mark all that apply. Note: Refer to your State regulations to determine what is regulated.
☑	a. Batteries
☑	b. Pesticides
☑	c. Mercury containing equipment
☑	d. Lamps
☐	e. Other (specify) _____
☐	f. Other (specify) _____
☐	g. Other (specify) _____
☐ Y ☑ N	2. Destination Facility for Universal Waste Note: A hazardous waste permit may be required for this activity.

C. Used Oil Activities

☐ Y ☑ N	1. Used Oil Transporter—If "Yes", mark all that apply.
☐	a. Transporter
☐	b. Transfer Facility (at your site)
☐ Y ☑ N	2. Used Oil Processor and/or Re-refiner—If "Yes", mark all that apply.
☐	a. Processor
☐	b. Re-refiner
☐ Y ☑ N	3. Off-Specification Used Oil Burner
☐ Y ☑ N	4. Used Oil Fuel Marketer—If "Yes", mark all that apply.
☐	a. Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner
☐	b. Marketer Who First Claims the Used Oil Meets the Specifications

12. Eligible Academic Entities with Laboratories—Notification for opting into or withdrawing from managing laboratory hazardous wastes pursuant to 40 CFR 262 Subpart K.

☐ Y ☑ N	A. Opting into or currently operating under 40 CFR 262 Subpart K for the management of hazardous wastes in laboratories—If "Yes", mark all that apply. Note: See the item-by-item instructions for definitions of types of eligible academic entities.
☐	1. College or University
☐	2. Teaching Hospital that is owned by or has a formal written affiliation with a college or university
☐	3. Non-profit Institute that is owned by or has a formal written affiliation with a college or univer-
☐ Y ☑ N	B. Withdrawing from 40 CFR 262 Subpart K for the management of hazardous wastes in laboratories.

13. Episodic Generation

☐ Y ☑ N	Are you an SQG or VSQG generating hazardous waste from a planned or unplanned episodic event, lasting no more than 60 days, that moves you to a higher generator category. If "Yes", you must fill out the Addendum for Episodic Generator.

14. LQG Consolidation of VSQG Hazardous Waste

☐ Y ☑ N	Are you an LQG notifying of consolidating VSQG Hazardous Waste Under the Control of the Same Person pursuant to 40 CFR 262.17(f)? If "Yes", you must fill out the Addendum for LQG Consolidation of VSQGs hazardous waste.

15. Notification of LQG Site Closure for a Central Accumulation Area (CAA) (optional) OR Entire Facility (required)

☐ Y ☑ N	LQG Site Closure of a Central Accumulation Area (CAA) or Entire Facility.
	A. ☐ Central Accumulation Area (CAA) ☐ Entire Facility
	B. Expected closure date: _____ mm/dd/yyyy
	C. Requesting new closure date: _____ mm/dd/yyyy
	D. Date closed : _____ mm/dd/yyyy ☐ 1. In compliance with the closure performance standards 40 CFR 262.17(a)(8) ☐ 2. Not in compliance with the closure performance standards 40 CFR 262.17(a)(8)

16. Notification of Hazardous Secondary Material (HSM) Activity

☐ Y ☑ N	A. Are you notifying under 40 CFR 260.42 that you will begin managing, are managing, or will stop managing hazardous secondary material under 40 CFR 260.30, 40 CFR 261.4(a)(23), (24), or (27)? If "Yes", you must fill out the Addendum to the Site Identification Form for Managing Hazardous Secondary Material.
☐ Y ☑ N	B. Are you notifying under 40 CFR 260.43(a)(4)(iii) that the product of your recycling process has levels of hazardous constituents that are not comparable to or unable to be compared to a legitimate product or intermediate but that the recycling is still legitimate? If "Yes", you may provide explanation in Comments section. You must also document that your recycling is still legitimate and maintain that documentation on site.

17. Electronic Manifest Broker

☐ Y ☑ N	Are you notifying as a person, as defined in 40 CFR 260.10, electing to use the EPA electronic manifest system to obtain, complete, and transmit an electronic manifest under a contractual relationship with a hazardous waste generator?

Comments (include item number for each comment)

8- Additional Site Contact Information
First Name: Douglas **MI: E** **Last Name: Hintze**
Title: Manager, Environmental Management, Los Alamos Field Office, U. S. Department of Energy
Street Address: 1900 Diamond Drive, MS M984 **City, Town, or Village: Los Alamos**
State: NM **Country: USA** **Zip Code: 87544**
Email: douglas.hintze@em.doe.gov
Phone: (505) 665-5820 **Ext:** **Fax: (505) 665-5903**
9B- Additional Name of Site Legal Operator
Newport News Nuclear BWXT-Los Alamos, LLC (N3B) **Date Became an Operator: 04/30/2018** **Operator Type: Private**
Street Address: 600 6th Street **City, Town, or Village: Los Alamos**
State: NM **Country: USA** **Zip Code: 87544**
Email: nlombardo@hii-sn3.com
Phone: (303) 546-4403 **Ext:** **Fax: (303) 443-1408**

19. Certification I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations. **Note: For the RCRA Hazardous Waste Part A permit Application, all owners and operators must sign (see 40 CFR 270.10(b) and 270.11).**

Signature of legal owner, operator or authorized representative	Date (mm/dd/yyyy) 2-14-18
Printed Name (First, Middle Initial Last) **William S. Goodrum**	Title **Manager, National Nuclear Security Administration, Los Alamos Field Office, U.S. Department of Energy**
Email **steve.goodrum@nnsa.doe.gov**	

Signature of legal owner, operator or authorized representative	Date (mm/dd/yyyy) 2/15/18
Printed Name (First, Middle Initial Last) **Michael T. Brandt**	Title **Operator, Los Alamos National Security , LLC (LANS)**
Email **mtbrandt@lanl.gov**	

Comments (include item number for each comment)

19. Certification I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations. **Note: For the RCRA Hazardous Waste Part A permit Application, all owners and operators must sign (see 40 CFR 270.10(b) and 270.11).**

Signature of legal owner, operator or authorized representative Douglas E. Hintze	Date (mm/dd/yyyy) 02/15/2018
Printed Name (First, Middle Initial Last) **Douglas E. Hintze**	Title **Manager, Environmental Management, Los Alamos Field Office, U.S. Department of Energy**
Email **douglas.hintze@em.doe.gov**	

Signature of legal owner, operator or authorized representative	Date (mm/dd/yyyy) 3/15/2018
Printed Name (First, Middle Initial Last) **Nicholas J. Lombardo**	Title **Operator, Newport News Nuclear BWXT-Los Alamos, LLC (N3B)**
Email **nlombardo@hii-sn3.com**	

ADDENDUM TO THE SITE IDENTIFICATION FORM: NOTIFICATION OF HAZARDOUS SECONDARY MATERIAL ACTIVITY

ONLY fill out this form if:

- You are located in a State that allows you to manage excluded hazardous secondary material (HSM) under 40 CFR 261.2(30), 261.4(a)(23), (24), or (27) (or state equivalent; See https://www.epa.gov/epawaste/hazard/dsw/statespf.htm for a list of eligible states; AND
- You are or will be managing excluded HSM in compliance with 40 CFR 260.30, 261.4(a)(23), (24), or (27) (or state equivalent) or have stopped managing excluded HSM in compliance with the exclusion(s) and do not expect to manage any amount of excluded HSM under the exclusion(s) for at least one year. Do not include any information regarding your hazardous waste activities in this section. Note: If your facility was granted a solid waste variance under 40 CFR 260.30 prior to July 13, 2015, your management of HSM under 40 CFR 260.30 is grandfathered under the previous regulations and you are not required to notify for the HSM management activity excluded under 40 CFR 260.30.

1. Reason for Notification (Include dates where requested)

☐ Facility will begin managing excluded HSM as of _____ (mm/dd/yyyy).

☐ Facility is still managing excluded HSM/re-notifying as required by March 1 of each even-numbered year.

☐ Facility has stopped managing excluded HSM as of _____ (mm/dd/yyyy) and is notifying as required.

2. Description of Excluded HSM Activity. Please list the appropriate codes (see Code List section of the instructions) and quantities, in short tons, to describe your excluded HSM activity ONLY (do not include any information regarding your hazardous wastes). Use additional pages if more space is needed.

A. Facility Code	B. Waste Code(s) for HSM	C. Estimate Short Tons of excluded HSM to be managed annually	D. Actual Short Tons of excluded HSM that was managed during the most recent odd-numbered year	E. Land-based Unit Code

ADDENDUM TO THE SITE IDENTIFICATION FORM: EPISODIC GENERATOR

ONLY fill out this form if:

- You are an SQG or VSQG generating hazardous waste from a planned or unplanned episodic event, lasting no more then 60 days, that moves the generator to a higher generator category pursuant to 40 CFR 262 Subpart L. Note: Only one planned and one unplanned episodic event are allowed within one year; otherwise, you must follow the requirements of the higher generator category. Use additional pages if more space is needed.

Episodic Event	
1. Planned ☐ Excess chemical inventory removal ☐ Tank cleanouts ☐ Short-term construction or demolition ☐ Equipment maintenance during plant shutdowns ☐ Other _____	2. Unplanned ☐ Accidental spills ☐ Production process upsets ☐ Product recalls ☐ "Acts of nature" (Tornado, hurricane, flood, etc.) ☐ Other _____
3. Emergency Contact Phone	4. Emergency Contact Name
5. Beginning Date _____ (mm/dd/yyyy)	6. End Date _____ (mm/dd/yyyy)

Waste 1

7. Waste Description				8. Estimated Quantity (in pounds)	
9. Federal and/or State Hazardous Waste Codes					

Waste 2

7. Waste Description				8. Estimated Quantity (in pounds)	
9. Federal and/or State Hazardous Waste Codes					

Waste 3

7. Waste Description				8. Estimated Quantity (in pounds)	
9. Federal and/or State Hazardous Waste Codes					

ADDENDUM TO THE SITE IDENTIFICATION FORM: LQG CONSOLIDATION OF VSQG HAZARDOUS WASTE

ONLY fill out this form if:

- You are an LQG receiving hazardous waste from VSQGs under the control of the same person. Use additional pages if more space is needed.

VSQG 1		
1. EPA ID Number (if assigned)	2. Name	
3. Street Address		
4. City, Town, or Village	5. State	6. Zip Code
7. Contact Phone Number	8. Contact Name	
9. Email		

VSQG 2		
1. EPA ID Number (if assigned)	2. Name	
3. Street Address		
4. City, Town, or Village	5. State	6. Zip Code
7. Contact Phone Number	8. Contact Name	
9. Email		

VSQG 3		
1. EPA ID Number (if assigned)	2. Name	
3. Street Address		
4. City, Town, or Village	5. State	6. Zip Code
7. Contact Phone Number	8. Contact Name	
9. Email		

10. Type of Regulated Waste Activity (at your site)

B. Waste Codes for Federally Regulated Hazardous Wastes.

D001	D002	D003	D004	D005	D006	D007
D008	D009	D010	D011	D012	D013	D014
D015	D016	D017	D018	D019	D020	D021
D022	D023	D024	D025	D026	D027	D028
D029	D030	D031	D032	D033	D034	D035
D036	D037	D038	D039	D040	D041	D042
D043	F001	F002	F003	F004	F005	F006
F007	F008	F009	F010	F011	F012	F019
F020	F021	F022	F023	F024	F025	F026
F027	F028	F032	F034	F035	F037	F038
F039	K044	K045	K046	K047	K084	K101
K102	P001	P002	P003	P004	P005	P006
P007	P008	P009	P010	P011	P012	P013
P014	P015	P016	P017	P018	P020	P021
P022	P023	P024	P026	P027	P028	P029
P030	P031	P033	P034	P036	P037	P038
P039	P040	P041	P042	P043	P044	P045
P046	P047	P048	P049	P050	P051	P054
P056	P057	P058	P059	P060	P062	P063
P064	P065	P066	P067	P068	P069	P070
P071	P072	P073	P074	P075	P076	P077
P078	P081	P082	P084	P085	P087	P088
P089	P092	P093	P094	P095	P096	P097
P098	P099	P101	P102	P103	P104	P105
P106	P108	P109	P110	P111	P112	P113
P114	P115	P116	P118	P119	P120	P121
P122	P123	P127	P128	P185	P188	P189
P190	P191	P192	P194	P196	P197	P198
P199	P201	P202	P203	P204	P205	U001
U002	U003	U004	U005	U006	U007	U008
U009	U010	U011	U012	U014	U015	U016
U017	U018	U019	U020	U021	U022	U023
U024	U025	U026	U027	U028	U029	U030
U031	U032	U033	U034	U035	U036	U037
U038	U039	U041	U042	U043	U044	U045
U046	U047	U048	U049	U050	U051	U052
U053	U055	U056	U057	U058	U059	U060
U061	U062	U063	U064	U066	U067	U068
U069	U070	U071	U072	U073	U074	U075

10. Type of Regulated Waste Activity (at your site)
B. Waste Codes for Federally Regulated Hazardous Wastes. (Continued)

U076	U077	U078	U079	U080	U081	U082
U083	U084	U085	U086	U087	U088	U089
U090	U091	U092	U093	U094	U095	U096
U097	U098	U099	U101	U102	U103	U105
U106	U107	U108	U109	U110	U111	U112
U113	U114	U115	U116	U117	U118	U119
U120	U121	U122	U123	U124	U125	U126
U127	U128	U129	U130	U131	U132	U133
U134	U135	U136	U137	U138	U140	U141
U142	U143	U144	U145	U146	U147	U148
U149	U150	U151	U152	U153	U154	U155
U156	U157	U158	U159	U160	U161	U162
U163	U164	U165	U166	U167	U168	U169
U170	U171	U172	U173	U174	U176	U177
U178	U179	U180	U181	U182	U183	U184
U185	U186	U187	U188	U189	U190	U191
U192	U193	U194	U196	U197	U200	U201
U202	U203	U204	U205	U206	U207	U208
U209	U210	U211	U213	U214	U215	U216
U217	U218	U219	U220	U221	U222	U223
U225	U226	U227	U228	U234	U235	U236
U237	U238	U239	U240	U243	U244	U246
U247	U248	U249	U271	U278	U279	U280
U328	U353	U359	U364	U367	U372	U373
U387	U389	U394	U395	U404	U409	U410
U411						

United States Environmental Protection Agency

HAZARDOUS WASTE PERMIT PART A FORM

1. Facility Permit Contact

First Name	**William**	MI	**S**	Last Name	**Goodrum**
Title	**Manager, National Nuclear Security Administration Los Alamos Field Office, DOE**				
Email	**steve.goodrum@nnsa.doe.gov**				
Phone	**505-667-5105**	Ext		Fax	**505-667-5948**

2. Facility Permit Contact Mailing Address

Street Address	**3747 West Jemez Road, MS A316**	
City, Town, or Village	**Los Alamos**	
State **NM**	Country **USA**	Zip Code **87544**

3. Facility Existence Date (mm/dd/yyyy)

01/01/1943

4. Other Environmental Permits

A. Permit Type	B. Permit Number	C. Description
See Attached		

5. Nature of Business

The central mission of Los Alamos National Laboratory is the reduction of global nuclear danger supported by research that also contributes to conventional defense, civilian, and industrial needs. This includes programs in nuclear, medium energy, and space physics; hydrodynamics; conventional explosives; chemistry; metallurgy; radiochemistry; space nuclear systems; controlled thermonuclear fusion; laser research; environmental technology; geothermal, solar, and fossil energy research; nuclear safeguards; biomedicine; health and biotechnology; and industrial partnerships.

4. Other Environmental Permits (continued)

A. Permit Type	B. Permit Number	C. Description
National Pollutant Discharge Elimination System (NPDES):		
NPDES Construction General Permit:		
N	**NMR12A---**	**NPDES Construction General Permit coverage for various individual construction projects: NMR120000**
NPDES Industrial and Point Source Permit:		
N	**NM0028355**	**NPDES Industrial and Sanitary Point Source Discharges**
NPDES Storm Water Multi-Sector General Permit (MSGP) for Industrial Activities		
N	**NMR053195**	**NPDES MSGP**
NPDES Storm Water Individual Permit		
N	**NM0030759**	**NPDES LANL Storm Water Individual Permit**
NPDES Pesticides General Permit		
N	**NMG87B097**	**NPDES Pesticides General Permit (PGP) for discharges from the application of pesticides**
Resource Conservation and Recovery Act (RCRA):		
R	**NM089001051**	**RCRA Hazardous Waste Facility Permit**
Groundwater Discharge Plans (GDP):		
E	**DP-857**	**TA-46 SWWS Plant and TA-3 Sanitary Effluent Reclamation Facility (SERF) Discharge Permit Application**
E	**DP-1132**	**TA-50 Radioactive Liquid Waste Treatment Facility, Discharge Permit Application**
E	**DP-1589**	**Twelve (12) Domestic Septic Tank/Leachfield Systems, Discharge Permit**
E	**DP-1793**	**On-Site Treatment and Land Application of Groundwater, Discharge Permit**
E	**DP-1835**	**Injection of Treated Groundwater into Class V Underground Injection Control (UIC) Wells, Discharge Permit**
Clean Water Act Section 404 Dredge and Fill Permits with U.S. Army Corps of Engineers		
F	**NWP-43**	**Water Canyon West Jemez road Storm Drain Controls**
F	**NWP-38**	**Sandia Canyon TA-72 Storm Water Controls**
F	**NWP-27**	**Habitat Restoration- Mortandad Wetland Enhancement**
F	**NWP-43**	**Sandia Canyon (Lower) Area 1 Storm Water Controls**
F	**NWP-43**	**Sandia Canyon (Lower) Area 2 Storm Water Controls**
F	**NWP-43**	**Upper Ancho Canyon Structure Storm Water Controls**
F	**NWP-43**	**North Ancho Canyon Lower Structure Storm Water Controls**
Air Quality Permits:		
Air Quality Operating Permit (20.2.70 NMAC)		
E	**P100-R2-M1**	**LANL Air Emissions Title V Operating Permit**
Air Quality (20.2.72 NMAC)		
E	**2195-R1-R71**	**Various 20 NMAC 2.72.202 Exemptions**
E	**2195B-M2**	**TA-3 Power Plant**

A. Permit Type	B. Permit Number												C. Description
E	**2**	**1**	**9**	**5**	**F**	**-**	**R**	**4**					**TA-33 Large Generator**
E	**G**	**C**	**P**	**3**	**-**	**2**	**1**	**9**	**5**	**G**	**-**	**R**	**1**	**TA-60 Asphalt Plant**
E	**2**	**1**	**9**	**5**	**H**	**-**								**Data disintegrator**
E	**2**	**1**	**9**	**5**	**N**	**-**	**R**	**2**						**Chemistry and Metallurgy Research Replacement Facility**
E	**2**	**1**	**9**	**5**	**P**	**-**	**R**	**1**						**TA-33 Small Generators**
Air Quality (National Emission Standards for Hazardous Air Pollutants) Beryllium Machining:														
E	**6**	**3**	**4**	**-**	**M**	**2**								**TA-3-141 Beryllium Operations**
E	**6**	**3**	**2**	**-**	**R**	**1**								**TA-35-213 Beryllium Operations**
E	**1**	**0**	**8**	**1**	**M**	**1**	**-**	**R**	**6**					**TA-55-4 Beryllium Operations**

6. Process Codes and Design Capacities

Line Number		A. Process Code			B. Process Design Capacity		C. Process Total Number of Units	D. Unit Name
					(1) Amount	(2) Unit of Measure		
								See Attached

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.		A. EPA Hazardous Waste No.				B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes									
								(1) Process Codes									(2) Process Description (if code is not entered in 7.D1))
																	See Attached

8. Map

Attach to this application a topographical map, or other equivalent map, of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all spring, rivers, and other surface water bodies in this map area. See instructions for precise requirements.

9. Facility Drawing

All existing facilities must include a scale drawing of the facility. See instructions for more detail.

10. Photographs

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment, and disposal areas; and sites of future storage, treatment, or disposal areas. See instructions for more detail.

11. Comments

Remaining pages of document include information for Items 6-10. All documentation is arranged by
individual Technical Areas (TAs) at the Los Alamos National Laboratory.

6. Process Codes and Design Capacities

Line Number		A. Process Code			B. Process Design Capacity		C. Process Total Number of Units	D. Unit Name
					(1) Amount	(2) Unit of Measure		
	1	S	0	1	18,500	G	001	Technical Area 3
	2	X	0	1	1,020 or 50	J* or U	002	Technical Area 14 *Total indicates per day not per hour
	3	X	0	1	1,200 or 50	J* or U	002	Technical Area 16 *Total indicates per day not per hour
	4	X	0	1	2,000	J*	001	Technical Area 36 *Total indicates per day not per hour
	5	X	0	1	2,000	J*	002	Technical Area 39 *Total indicates per day not per hour
	6	S	0	1	31,500	G	002	Technical Area 50
	7	T	0	4	275	U	001	Technical Area 50
	8	S	0	1	407,880	G	002	Technical Area 54, Area L
	9	D	8	0	1,200	Y	001	Technical Area 54, Area L
1	0	S	9	9	600	G	001	Technical Area 54, Area L
1	1	S	0	1	4,346,590	G	009	Technical Area 54, Area G
1	2	S	0	1	4,950	G	001	Technical Area 54, Area G
1	3	D	8	0	14	Y	001	Technical Area 54, Area G
1	4	S	0	1	34,110 + 13,410+	G	002	Technical Area 54, West +Total includes excess storage capacity
1	5	D	8	0	63	Y	001	Technical Area 54, Area H
1	6	S	0	1	272,145	G	009	Technical Area 55
1	7	S	0	2	137	G	001	Technical Area 55
1	8	T	0	4	150	G	001	Technical Area 55
1	9	S	0	1	105,875	G	001	Technical Area 63

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 3					
1	D001	7,000	P	S01	
2	D002	21,000	P	S01	
3	D003	2,500	P	S01	
4	D004	3,000	P	S01	
5	D005	3,000	P	S01	
6	D006	2,500	P	S01	
7	D007	7,000	P	S01	
8	D008	27,000	P	S01	
9	D009	4,000	P	S01	
10	D010	2,500	P	S01	
11	D011	3,000	P	S01	
12	D012	1,000	P	S01	
13	D018	1,500	P	S01	
14	D019	2,000	P	S01	
15	D021	2,000	P	S01	
16	D022	2,000	P	S01	
17	D023	2,000	P	S01	
18	D024	2,000	P	S01	
19	D025	2,000	P	S01	
20	D026	2,000	P	S01	
21	D027	1,500	P	S01	
22	D028	2,000	P	S01	
23	D029	1,000	P	S01	
24	D030	1,500	P	S01	
25	D032	1,500	P	S01	
26	D033	1,500	P	S01	
27	D034	1,500	P	S01	
28	D035	3,500	P	S01	
29	D036	1,500	P	S01	
30	D037	1,000	P	S01	
31	D038	1,500	P	S01	
32	D039	2,500	P	S01	
33	D040	2,500	P	S01	
34	D042	1,500	P	S01	
35	D043	1,500	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 3 (continued)					
36	F001	21,000	P	S01	
37	F002	21,000	P	S01	
38	F003	21,000	P	S01	
39	F004	2,500	P	S01	
40	F005	21,000	P	S01	
41	F006	500	P	S01	
42	F007	500	P	S01	
43	F009	500	P	S01	
44	P003	1,000	P	S01	
45	P012	1,000	P	S01	
46	P015	1,000	P	S01	
47	P029	1,000	P	S01	
48	P030	1,000	P	S01	
49	P031	1,000	P	S01	
50	P038	1,000	P	S01	
51	P056	1,000	P	S01	
52	P063	1,000	P	S01	
53	P068	1,000	P	S01	
54	P073	1,000	P	S01	
55	P076	1,000	P	S01	
56	P078	1,000	P	S01	
57	P095	1,000	P	S01	
58	P096	1,000	P	S01	
59	P098	1,000	P	S01	
60	P099	500	P	S01	
61	P103	1,000	P	S01	
62	P105	1,000	P	S01	
63	P106	1,000	P	S01	
64	U001	1,000	P	S01	
65	U002	1,000	P	S01	
66	U003	1,000	P	S01	
67	U012	1,000	P	S01	
68	U019	1,000	P	S01	
69	U022	1,000	P	S01	
70	U029	1,000	P	S01	
71	U031	1,000	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 3 (continued)					
7 2	U 0 3 7	1,000	P	S 0 1	
7 3	U 0 4 4	1,000	P	S 0 1	
7 4	U 0 4 5	1,000	P	S 0 1	
7 5	U 0 5 2	1,000	P	S 0 1	
7 6	U 0 5 6	1,000	P	S 0 1	
7 7	U 0 5 7	1,000	P	S 0 1	
7 8	U 0 7 5	1,000	P	S 0 1	
7 9	U 0 7 7	1,000	P	S 0 1	
8 0	U 0 8 0	1,000	P	S 0 1	
8 1	U 1 0 3	500	P	S 0 1	
8 2	U 1 0 8	1,000	P	S 0 1	
8 3	U 1 1 2	1,000	P	S 0 1	
8 4	U 1 1 5	1,000	P	S 0 1	
8 5	U 1 1 7	1,000	P	S 0 1	
8 6	U 1 2 1	1,000	P	S 0 1	
8 7	U 1 2 2	1,000	P	S 0 1	
8 8	U 1 2 3	1,000	P	S 0 1	
8 9	U 1 3 1	1,000	P	S 0 1	
9 0	U 1 3 3	1,000	P	S 0 1	
9 1	U 1 3 4	1,000	P	S 0 1	
9 2	U 1 3 5	1,000	P	S 0 1	
9 3	U 1 4 0	1,000	P	S 0 1	
9 4	U 1 4 4	1,000	P	S 0 1	
9 5	U 1 5 1	1,000	P	S 0 1	
9 6	U 1 5 4	1,000	P	S 0 1	
9 7	U 1 5 9	1,000	P	S 0 1	
9 8	U 1 6 0	1,000	P	S 0 1	
9 9	U 1 6 1	1,000	P	S 0 1	
10 0	U 1 6 5	1,000	P	S 0 1	
10 1	U 1 6 9	1,000	P	S 0 1	
10 2	U 1 8 8	1,000	P	S 0 1	
10 3	U 1 9 0	1,000	P	S 0 1	
10 4	U 1 9 6	1,000	P	S 0 1	
10 5	U 2 0 4	1,000	P	S 0 1	
10 6	U 2 1 0	1,000	P	S 0 1	
10 7	U 2 1 1	1,000	P	S 0 1	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 3 (continued)					
10	U213	1,000	P	S01	
10	U216	1,000	P	S01	
11	U218	1,000	P	S01	
11	U219	1,000	P	S01	
11	U220	1,000	P	S01	
11	U225	500	P	S01	
11	U226	1,000	P	S01	
11	U227	500	P	S01	
11	U228	1,000	P	S01	
11	U239	500	P	S01	
11	U246	500	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 14					
1	D001	2,000	P	X01	
2	D003				Included with above.
3	D005				Included with above.
4	D006				Included with above.
5	D007				Included with above.
6	D008				Included with above.
7	D009				Included with above.
8	D011				Included with above.
9	D018				Included with above.
10	D022				Included with above.
11	D028				Included with above.
12	D029				Included with above.
13	D030				Included with above.
14	D035				Included with above.
15	D036				Included with above.
16	D038				Included with above.
17	D040				Included with above.
18	F001				Included with above.
19	F002				Included with above.
20	F003				Included with above.
21	F004				Included with above.
22	F005				Included with above.

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 16					
1	D001	20,000	P	X01	
2	D002				Included with above.
3	D003				Included with above.
4	D005				Included with above.
5	D006				Included with above.
6	D007				Included with above.
7	D008				Included with above.
8	D009				Included with above.
9	D010				Included with above.
10	D011				Included with above.
11	D018				Included with above.
12	D022				Included with above.
13	D028				Included with above.
14	D029				Included with above.
15	D030				Included with above.
16	D035				Included with above.
17	D036				Included with above.
18	D038				Included with above.
19	D040				Included with above.
20	F001				Included with above.
21	F002				Included with above.
22	F003				Included with above.
23	F004				Included with above.
24	F005				Included with above.
25	K044				Included with above.
26	K045				Included with above.

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 36					
1	D 0 0 1	15,000	P	X 0 1	
2	D 0 0 3				Included with above.
3	D 0 0 5				Included with above.
4	D 0 0 6				Included with above.
5	D 0 0 7				Included with above.
6	D 0 0 8				Included with above.
7	D 0 0 9				Included with above.
8	D 0 1 0				Included with above.
9	D 0 1 1				Included with above.
10	D 0 1 8				Included with above.
11	D 0 2 2				Included with above.
12	D 0 2 8				Included with above.
13	D 0 2 9				Included with above.
14	D 0 3 0				Included with above.
15	D 0 3 5				Included with above.
16	D 0 3 6				Included with above.
17	D 0 3 8				Included with above.
18	D 0 4 0				Included with above.
19	F 0 0 1				Included with above.
20	F 0 0 2				Included with above.
21	F 0 0 3				Included with above.
22	F 0 0 4				Included with above.
23	F 0 0 5				Included with above.

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 39					
1	D001	15,000	P	X01	
2	D003				Included with above.
3	D005				Included with above.
4	D006				Included with above.
5	D007				Included with above.
6	D008				Included with above.
7	D009				Included with above.
8	D010				Included with above.
9	D011				Included with above.
10	D018				Included with above.
11	D022				Included with above.
12	D028				Included with above.
13	D029				Included with above.
14	D030				Included with above.
15	D035				Included with above.
16	D036				Included with above.
17	D038				Included with above.
18	D040				Included with above.
19	F001				Included with above.
20	F002				Included with above.
21	F003				Included with above.
22	F004				Included with above.
23	F005				Included with above.

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 50					
	1 D 0 0 1	69,696	P	S 0 1 T 0 4	
	2 D 0 0 2	52,734	P	S 0 1 T 0 4	
	3 D 0 0 3	3,444	P	S 0 1	
	4 D 0 0 4	7,531	P	S 0 1 T 0 4	
	5 D 0 0 5	7,740	P	S 0 1 T 0 4	
	6 D 0 0 6	535, 451	P	S 0 1 T 0 4	
	7 D 0 0 7	567, 226	P	S 0 1 T 0 4	
	8 D 0 0 8	1,405,439	P	S 0 1 T 0 4	
	9 D 0 0 9	75,666	P	S 0 1 T 0 4	
1	0 D 0 1 0	8,922	P	S 0 1 T 0 4	
1	1 D 0 1 1	31,255	P	S 0 1 T 0 4	
1	2 D 0 1 2	100	P	S 0 1	
1	3 D 0 1 3	100	P	S 0 1	
1	4 D 0 1 4	100	P	S 0 1	
1	5 D 0 1 5	100	P	S 0 1	
1	6 D 0 1 6	44	P	S 0 1	
1	7 D 0 1 7	66	P	S 0 1	
1	8 D 0 1 8	5,535	P	S 0 1 T 0 4	
1	9 D 0 1 9	4,261	P	S 0 1 T 0 4	
2	0 D 0 2 0	100	P	S 0 1	
2	1 D 0 2 1	100	P	S 0 1 T 0 4	
2	2 D 0 2 2	100	P	S 0 1 T 0 4	
2	3 D 0 2 3	100	P	S 0 1	
2	4 D 0 2 4	100	P	S 0 1	
2	5 D 0 2 5	100	P	S 0 1	
2	6 D 0 2 6	518	P	S 0 1	
2	7 D 0 2 7	972	P	S 0 1 T 0 4	
2	8 D 0 2 8	216,783	P	S 0 1 T 0 4	
2	9 D 0 2 9	215,184	P	S 0 1 T 0 4	
3	0 D 0 3 0	5,491	P	S 0 1 T 0 4	
3	1 D 0 3 1	293	P	S 0 1	
3	2 D 0 3 2	3,135	P	S 0 1 T 0 4	
3	3 D 0 3 3	2,222	P	S 0 1 T 0 4	
3	4 D 0 3 4	1,228	P	S 0 1 T 0 4	
3	5 D 0 3 5	1,792	P	S 0 1 T 0 4	
3	6 D 0 3 6	549	P	S 0 1 T 0 4	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 50 (continued)					
3 7	D 0 3 7	761	P	S 0 1 T 0 4	
3 8	D 0 3 8	1,549	P	S 0 1 T 0 4	
3 9	D 0 3 9	1,675	P	S 0 1 T 0 4	
4 0	D 0 4 0	3,942	P	S 0 1 T 0 4	
4 1	D 0 4 1	293	P	S 0 1	
4 2	D 0 4 2	1,182	P	S 0 1 T 0 4	
4 3	D 0 4 3	655	P	S 0 1 T 0 4	
4 4	F 0 0 1	442,263	P	S 0 1 T 0 4	
4 5	F 0 0 2	147,347	P	S 0 1 T 0 4	
4 6	F 0 0 3	50,980	P	S 0 1 T 0 4	
4 7	F 0 0 4	2,817	P	S 0 1 T 0 4	
4 8	F 0 0 5	334,821	P	S 0 1 T 0 4	
4 9	F 0 0 6	100	P	S 0 1 T 0 4	
5 0	F 0 0 7	100	P	S 0 1 T 0 4	
5 1	F 0 0 8	100	P	S 0 1	
5 2	F 0 0 9	165	P	S 0 1 T 0 4	
5 3	F 0 1 0	100	P	S 0 1	
5 4	F 0 1 1	100	P	S 0 1	
5 5	F 0 1 2	100	P	S 0 1	
5 6	F 0 1 9	100	P	S 0 1	
5 7	F 0 2 0	100	P	S 0 1	
5 8	F 0 2 1	100	P	S 0 1	
5 9	F 0 2 2	100	P	S 0 1	
6 0	F 0 2 3	100	P	S 0 1	
6 1	F 0 2 4	100	P	S 0 1	
6 2	F 0 2 5	100	P	S 0 1	
6 3	F 0 2 6	100	P	S 0 1	
6 4	F 0 2 7	165	P	S 0 1	
6 5	F 0 2 8	100	P	S 0 1	
6 6	F 0 3 2	100	P	S 0 1	
6 7	F 0 3 4	100	P	S 0 1	
6 8	F 0 3 5	100	P	S 0 1	
6 9	F 0 3 7	100	P	S 0 1	
7 0	F 0 3 8	100	P	S 0 1	
7 1	F 0 3 9	100	P	S 0 1	
7 2	K 0 4 4	100	P	S 0 1	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 50 (continued)					
7 3	K 0 4 5	100	P	S 0 1	
7 4	K 0 4 6	100	P	S 0 1	
7 5	K 0 4 7	100	P	S 0 1	
7 6	K 0 8 4	100	P	S 0 1	
7 7	K 1 0 1	100	P	S 0 1	
7 8	K 1 0 2	100	P	S 0 1	
7 9	P 0 0 1	100	P	S 0 1	
8 0	P 0 0 2	100	P	S 0 1	
8 1	P 0 0 3	293	P	S 0 1	
8 2	P 0 0 4	100	P	S 0 1	
8 3	P 0 0 5	100	P	S 0 1	
8 4	P 0 0 6	143	P	S 0 1	
8 5	P 0 0 7	100	P	S 0 1	
8 6	P 0 0 8	100	P	S 0 1	
8 7	P 0 0 9	100	P	S 0 1	
8 8	P 0 1 0	100	P	S 0 1	
8 9	P 0 1 1	143	P	S 0 1	
9 0	P 0 1 2	293	P	S 0 1	
9 1	P 0 1 3	100	P	S 0 1	
9 2	P 0 1 4	100	P	S 0 1	
9 3	P 0 1 5	293	P	S 0 1	
9 4	P 0 1 6	100	P	S 0 1	
9 5	P 0 1 7	100	P	S 0 1	
9 6	P 0 1 8	100	P	S 0 1	
9 7	P 0 2 0	100	P	S 0 1	
9 8	P 0 2 1	100	P	S 0 1	
9 9	P 0 2 2	100	P	S 0 1	
10 0	P 0 2 3	100	P	S 0 1	
10 1	P 0 2 4	100	P	S 0 1	
10 2	P 0 2 6	100	P	S 0 1	
10 3	P 0 2 7	100	P	S 0 1	
10 4	P 0 2 8	100	P	S 0 1	
10 5	P 0 2 9	293	P	S 0 1	
10 6	P 0 3 0	485	P	S 0 1	
10 7	P 0 3 1	485	P	S 0 1	
10 8	P 0 3 3	143	P	S 0 1	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 50 (continued)					
10	P034	100	P	S01	
11	P036	100	P	S01	
11	P037	100	P	S01	
11	P038	227	P	S01	
11	P039	100	P	S01	
11	P040	100	P	S01	
11	P041	100	P	S01	
11	P042	100	P	S01	
11	P043	143	P	S01	
11	P044	100	P	S01	
11	P045	100	P	S01	
12	P046	100	P	S01	
12	P047	100	P	S01	
12	P048	143	P	S01	
12	P049	100	P	S01	
12	P050	100	P	S01	
12	P051	100	P	S01	
12	P054	100	P	S01	
12	P056	2,624	P	S01	
12	P057	100	P	S01	
12	P058	100	P	S01	
13	P059	100	P	S01	
13	P060	100	P	S01	
13	P062	100	P	S01	
13	P063	293	P	S01	
13	P064	100	P	S01	
13	P065	100	P	S01	
13	P066	100	P	S01	
13	P067	100	P	S01	
13	P068	293	P	S01	
13	P069	100	P	S01	
14	P070	100	P	S01	
14	P071	100	P	S01	
14	P072	100	P	S01	
14	P073	293	P	S01	
14	P074	100	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 50 (continued)					
14	P075	100	P	S01	
14	P076	403	P	S01	
14	P077	100	P	S01	
14	P078	425	P	S01	
14	P081	100	P	S01	
15	P082	100	P	S01	
15	P084	100	P	S01	
15	P085	100	P	S01	
15	P087	100	P	S01	
15	P088	100	P	S01	
15	P089	100	P	S01	
15	P092	143	P	S01	
15	P093	100	P	S01	
15	P094	100	P	S01	
15	P095	293	P	S01	
16	P096	293	P	S01	
16	P097	100	P	S01	
16	P098	293	P	S01	
16	P099	100	P	S01	
16	P101	100	P	S01	
16	P102	100	P	S01	
16	P103	100	P	S01	
16	P104	143	P	S01	
16	P105	143	P	S01	
16	P106	293	P	S01	
17	P108	100	P	S01	
17	P109	100	P	S01	
17	P110	100	P	S01	
17	P111	100	P	S01	
17	P112	143	P	S01	
17	P113	293	P	S01	
17	P114	100	P	S01	
17	P115	100	P	S01	
17	P116	100	P	S01	
17	P118	100	P	S01	
18	P119	143	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 50 (continued)					
18	P120	293	P	S01	
18	P121	100	P	S01	
18	P122	100	P	S01	
18	P123	100	P	S01	
18	P127	100	P	S01	
18	P128	100	P	S01	
18	P185	100	P	S01	
18	P188	100	P	S01	
18	P189	100	P	S01	
19	P190	100	P	S01	
19	P191	100	P	S01	
19	P192	100	P	S01	
19	P193	100	P	S01	
19	P196	100	P	S01	
19	P197	100	P	S01	
19	P198	100	P	S01	
19	P199	100	P	S01	
19	P201	100	P	S01	
19	P202	100	P	S01	
20	P203	100	P	S01	
20	P204	100	P	S01	
20	P205	100	P	S01	
20	U001	293	P	S01	
20	U002	954	P	S01	
20	U003	485	P	S01	
20	U004	100	P	S01	
20	U005	100	P	S01	
20	U006	100	P	S01	
20	U009	143	P	S01	
21	U008	143	P	S01	
21	U009	143	P	S01	
21	U010	100	P	S01	
21	U011	100	P	S01	
21	U012	293	P	S01	
21	U014	100	P	S01	
21	U015	100	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 50 (continued)					
21	U016	100	P	S01	
21	U017	100	P	S01	
21	U018	143	P	S01	
22	U019	470	P	S01	
22	U020	100	P	S01	
22	U021	100	P	S01	
22	U022	293	P	S01	
22	U023	100	P	S01	
22	U024	100	P	S01	
22	U025	100	P	S01	
22	U026	100	P	S01	
22	U027	100	P	S01	
22	U028	100	P	S01	
23	U029	293	P	S01	
23	U030	100	P	S01	
23	U031	293	P	S01	
23	U032	100	P	S01	
23	U034	143	P	S01	
23	U035	100	P	S01	
23	U036	100	P	S01	
23	U037	100	P	S01	
23	U038	143	P	S01	
23	U039	100	P	S01	
24	U039	100	P	S01	
24	U041	143	P	S01	
24	U042	100	P	S01	
24	U043	100	P	S01	
24	U044	293	P	S01	
24	U045	293	P	S01	
24	U046	100	P	S01	
24	U047	100	P	S01	
24	U048	100	P	S01	
24	U049	100	P	S01	
25	U050	100	P	S01	
25	U051	100	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 50 (continued)					
25	U052	293	P	S01	
25	U053	100	P	S01	
25	U055	143	P	S01	
25	U056	293	P	S01	
25	U057	293	P	S01	
25	U058	100	P	S01	
25	U059	100	P	S01	
25	U060	100	P	S01	
26	U061	100	P	S01	
26	U062	100	P	S01	
26	U063	100	P	S01	
26	U064	100	P	S01	
26	U066	100	P	S01	
26	U067	143	P	S01	
26	U068	143	P	S01	
26	U069	100	P	S01	
26	U070	165	P	S01	
26	U071	100	P	S01	
27	U072	100	P	S01	
27	U073	100	P	S01	
27	U074	100	P	S01	
27	U075	381	P	S01	
27	U076	100	P	S01	
27	U077	293	P	S01	
27	U078	100	P	S01	
27	U079	100	P	S01	
27	U080	4,129	P	S01	T04
27	U081	100	P	S01	
28	U082	100	P	S01	
28	U083	100	P	S01	
28	U084	100	P	S01	
28	U085	143	P	S01	
28	U086	100	P	S01	
28	U087	100	P	S01	
28	U088	100	P	S01	
28	U089	100	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 50 (continued)					
28	U090	100	P	S01	
28	U091	518	P	S01	
29	U092	143	P	S01	
29	U093	100	P	S01	
29	U094	100	P	S01	
29	U095	100	P	S01	
29	U096	100	P	S01	
29	U097	100	P	S01	
29	U098	100	P	S01	
29	U099	100	P	S01	
29	U101	100	P	S01	
29	U102	100	P	S01	
30	U103	143	P	S01	
30	U105	100	P	S01	
30	U106	100	P	S01	
30	U107	100	P	S01	
30	U108	293	P	S01	
30	U109	143	P	S01	
30	U110	100	P	S01	
30	U111	100	P	S01	
30	U112	293	P	S01	
30	U113	100	P	S01	
31	U114	100	P	S01	
31	U115	293	P	S01	
31	U116	100	P	S01	
31	U117	293	P	S01	
31	U118	100	P	S01	
31	U119	100	P	S01	
31	U120	100	P	S01	
31	U121	293	P	S01	
31	U122	778	P	S01	
31	U123	293	P	S01	
32	U124	143	P	S01	
32	U125	100	P	S01	
32	U126	100	P	S01	
32	U127	100	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 50 (continued)					
32	U 1 2 8	100	P	S 0 1	
32	U 1 2 9	100	P	S 0 1	
32	U 1 3 0	100	P	S 0 1	
32	U 1 3 1	293	P	S 0 1	
32	U 1 3 2	100	P	S 0 1	
32	U 1 3 3	293	P	S 0 1	
33	U 1 3 4	667	P	S 0 1	
33	U 1 3 5	447	P	S 0 1	
33	U 1 3 6	143	P	S 0 1	
33	U 1 3 7	100	P	S 0 1	
33	U 1 3 8	100	P	S 0 1	
33	U 1 4 0	293	P	S 0 1	
33	U 1 4 1	100	P	S 0 1	
33	U 1 4 2	100	P	S 0 1	
33	U 1 4 3	100	P	S 0 1	
33	U 1 4 4	293	P	S 0 1	
34	U 1 4 5	293	P	S 0 1	
34	U 1 4 6	100	P	S 0 1	
34	U 1 4 7	100	P	S 0 1	
34	U 1 4 8	100	P	S 0 1	
34	U 1 4 9	100	P	S 0 1	
34	U 1 5 0	100	P	S 0 1	
34	U 1 5 1	884	P	S 0 1	
34	U 1 5 2	100	P	S 0 1	
34	U 1 5 3	143	P	S 0 1	
34	U 1 5 4	359	P	S 0 1	
35	U 1 5 5	100	P	S 0 1	
35	U 1 5 6	100	P	S 0 1	
35	U 1 5 7	100	P	S 0 1	
35	U 1 5 8	100	P	S 0 1	
35	U 1 5 9	315	P	S 0 1	
35	U 1 6 0	293	P	S 0 1	
35	U 1 6 1	470	P	S 0 1	
35	U 1 6 2	143	P	S 0 1	
35	U 1 6 3	143	P	S 0 1	
35	U 1 6 4	100	P	S 0 1	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 50 (continued)					
36	U161	293	P	S01	
36	U166	100	P	S01	
36	U167	143	P	S01	
36	U168	143	P	S01	
36	U169	293	P	S01	
36	U170	143	P	S01	
36	U171	100	P	S01	
36	U172	100	P	S01	
36	U173	100	P	S01	
36	U174	100	P	S01	
37	U176	100	P	S01	
37	U177	100	P	S01	
37	U178	100	P	S01	
37	U179	100	P	S01	
37	U180	100	P	S01	
37	U181	100	P	S01	
37	U182	100	P	S01	
37	U183	100	P	S01	
37	U184	100	P	S01	
37	U185	100	P	S01	
38	U186	100	P	S01	
38	U187	100	P	S01	
38	U188	293	P	S01	
38	U189	100	P	S01	
38	U190	293	P	S01	
38	U191	100	P	S01	
38	U192	100	P	S01	
38	U193	100	P	S01	
38	U194	100	P	S01	
38	U196	293	P	S01	
39	U197	100	P	S01	
39	U200	100	P	S01	
39	U201	100	P	S01	
39	U202	100	P	S01	
39	U203	100	P	S01	
39	U204	293	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 50 (continued)					
39	U205	100	P	S01	
39	U206	100	P	S01	
39	U207	100	P	S01	
39	U208	100	P	S01	
40	U209	100	P	S01	
40	U210	513	P	S01	
40	U211	359	P	S01	
40	U213	293	P	S01	
40	U214	100	P	S01	
40	U215	100	P	S01	
40	U216	293	P	S01	
40	U217	100	P	S01	
40	U218	293	P	S01	
40	U219	293	P	S01	
41	U220	491	P	S01	
41	U221	100	P	S01	
41	U222	100	P	S01	
41	U223	143	P	S01	
41	U225	293	P	S01	
41	U226	6,594	P	S01	
41	U227	293	P	S01	
41	U228	1,219	P	S01	
41	U234	100	P	S01	
41	U235	100	P	S01	
42	U236	100	P	S01	
42	U237	100	P	S01	
42	U238	100	P	S01	
42	U239	646	P	S01	
42	U240	143	P	S01	
42	U243	100	P	S01	
42	U244	100	P	S01	
42	U246	231	P	S01	
42	U247	100	P	S01	
42	U248	100	P	S01	
43	U249	100	P	S01	
43	U271	100	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 50 (continued)					
43	U278	100	P	S01	
43	U279	100	P	S01	
43	U280	100	P	S01	
43	U328	100	P	S01	
43	U353	100	P	S01	
43	U359	100	P	S01	
43	U364	100	P	S01	
43	U367	100	P	S01	
44	U372	100	P	S01	
44	U373	100	P	S01	
44	U387	100	P	S01	
44	U389	100	P	S01	
44	U394	100	P	S01	
44	U395	100	P	S01	
44	U404	100	P	S01	
44	U407	100	P	S01	
44	U410	100	P	S01	
44	U411	100	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Area L					
	1 D 0 0 1	220,000	P	S 0 1	
	2 D 0 0 2	365,000	P	S 0 1	
	3 D 0 0 3	100,000	P	S 0 1	
	4 D 0 0 4	25,000	P	S 0 1	
	5 D 0 0 5	80,000	P	S 0 1	
	6 D 0 0 6	65,000	P	S 0 1	
	7 D 0 0 7	75,000	P	S 0 1	
	8 D 0 0 8	800,000	P	S 0 1	
	9 D 0 0 9	65,000	P	S 0 1	
1	0 D 0 1 0	30,000	P	S 0 1	
1	1 D 0 1 1	40,000	P	S 0 1	
1	2 D 0 1 2	12,000	P	S 0 1	
1	3 D 0 1 3	4,000	P	S 0 1	
1	4 D 0 1 4	4,000	P	S 0 1	
1	5 D 0 1 5	7,000	P	S 0 1	
1	6 D 0 1 6	4,000	P	S 0 1	
1	7 D 0 1 7	4,000	P	S 0 1	
1	8 D 0 1 8	20,000	P	S 0 1	
1	9 D 0 1 9	20,000	P	S 0 1	
2	0 D 0 2 0	30,000	P	S 0 1	
2	1 D 0 2 1	10,000	P	S 0 1	
2	2 D 0 2 2	23,000	P	S 0 1	
2	3 D 0 2 3	4,000	P	S 0 1	
2	4 D 0 2 4	4,000	P	S 0 1	
2	5 D 0 2 5	4,000	P	S 0 1	
2	6 D 0 2 6	4,000	P	S 0 1	
2	7 D 0 2 7	12,000	P	S 0 1	
2	8 D 0 2 8	30,000	P	S 0 1	
2	9 D 0 2 9	7,000	P	S 0 1	
3	0 D 0 3 0	20,000	P	S 0 1	
3	1 D 0 3 1	12,000	P	S 0 1	
3	2 D 0 3 2	19,000	P	S 0 1	
3	3 D 0 3 3	19,000	P	S 0 1	
3	4 D 0 3 4	19,000	P	S 0 1	
3	5 D 0 3 5	20,000	P	S 0 1	
3	6 D 0 3 6	9,000	P	S 0 1	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Area L (continued)					
37	D037	7,000	P	S01	
38	D038	4,000	P	S01	
39	D039	10,000	P	S01	
40	D040	15,000	P	S01	
41	D041	7,000	P	S01	
42	D042	12,000	P	S01	
43	D043	15,000	P	S01	
44	F001	660,000	P	S01	
45	F002	350,000	P	S01	
46	F003	250,000	P	S01	
47	F004	30,000	P	S01	
48	F005	250,000	P	S01	
49	F006	7,000	P	S01	
50	F007	28,000	P	S01	
51	F008	7,000	P	S01	
52	F009	8,000	P	S01	
53	F010	4,000	P	S01	
54	F011	4,000	P	S01	
55	F012	4,000	P	S01	
56	F019	500	P	S01	
57	F020	500	P	S01	
58	F021	500	P	S01	
59	F022	500	P	S01	
60	F023	500	P	S01	
61	F024	500	P	S01	
62	F025	500	P	S01	
63	F026	500	P	S01	
64	F027	4,000	P	S01	
65	F028	4,000	P	S01	
66	F032	500	P	S01	
67	F034	500	P	S01	
68	F035	500	P	S01	
69	F037	500	P	S01	
70	F038	500	P	S01	
71	F039	4,000	P	S01	
72	K044	22,000	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Area L (continued)					
7 3	K 0 4 5	4,000	P	S 0 1	
7 4	K 0 4 6	4,000	P	S 0 1	
7 5	K 0 4 7	4,000	P	S 0 1	
7 6	K 0 8 4	500	P	S 0 1	
7 7	K 1 0 1	500	P	S 0 1	
7 8	K 1 0 2	500	P	S 0 1	
7 9	P 0 0 1	4,000	P	S 0 1	
8 0	P 0 0 2	4,000	P	S 0 1	
8 1	P 0 0 3	4,000	P	S 0 1	
8 2	P 0 0 4	4,000	P	S 0 1	
8 3	P 0 0 5	4,000	P	S 0 1	
8 4	P 0 0 6	4,000	P	S 0 1	
8 5	P 0 0 7	4,000	P	S 0 1	
8 6	P 0 0 8	4,000	P	S 0 1	
8 7	P 0 0 9	4,000	P	S 0 1	
8 8	P 0 1 0	4,000	P	S 0 1	
8 9	P 0 1 1	4,000	P	S 0 1	
9 0	P 0 1 2	4,000	P	S 0 1	
9 1	P 0 1 3	4,000	P	S 0 1	
9 2	P 0 1 4	4,000	P	S 0 1	
9 3	P 0 1 5	4,000	P	S 0 1	
9 4	P 0 1 6	4,000	P	S 0 1	
9 5	P 0 1 7	4,000	P	S 0 1	
9 6	P 0 1 8	4,000	P	S 0 1	
9 7	P 0 2 0	4,000	P	S 0 1	
9 8	P 0 2 1	4,000	P	S 0 1	
9 9	P 0 2 2	4,000	P	S 0 1	
10 0	P 0 2 3	4,000	P	S 0 1	
10 1	P 0 2 4	4,000	P	S 0 1	
10 2	P 0 2 6	4,000	P	S 0 1	
10 3	P 0 2 7	4,000	P	S 0 1	
10 4	P 0 2 8	4,000	P	S 0 1	
10 5	P 0 2 9	4,000	P	S 0 1	
10 6	P 0 3 0	4,000	P	S 0 1	
10 7	P 0 3 1	4,000	P	S 0 1	
10 8	P 0 3 3	4,000	P	S 0 1	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Area L (continued)					
10	P034	4,000	P	S01	
11	P036	4,000	P	S01	
11	P037	4,000	P	S01	
11	P038	4,000	P	S01	
11	P039	4,000	P	S01	
11	P040	4,000	P	S01	
11	P041	4,000	P	S01	
11	P042	4,000	P	S01	
11	P043	4,000	P	S01	
11	P044	4,000	P	S01	
11	P045	4,000	P	S01	
12	P046	4,000	P	S01	
12	P047	4,000	P	S01	
12	P048	4,000	P	S01	
12	P049	4,000	P	S01	
12	P050	4,000	P	S01	
12	P051	4,000	P	S01	
12	P054	4,000	P	S01	
12	P056	4,000	P	S01	
12	P057	4,000	P	S01	
12	P058	4,000	P	S01	
12	P059	4,000	P	S01	
13	P060	4,000	P	S01	
13	P062	4,000	P	S01	
13	P063	4,000	P	S01	
13	P064	4,000	P	S01	
13	P065	4,000	P	S01	
13	P066	4,000	P	S01	
13	P067	4,000	P	S01	
13	P068	4,000	P	S01	
13	P069	4,000	P	S01	
14	P070	4,000	P	S01	
14	P071	4,000	P	S01	
14	P072	4,000	P	S01	
14	P073	4,000	P	S01	
14	P074	4,000	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Area L (continued)					
14 5	P075	4,000	P	S01	
14 6	P076	4,000	P	S01	
14 7	P077	4,000	P	S01	
14 8	P078	4,000	P	S01	
14 9	P081	4,000	P	S01	
15 0	P082	4,000	P	S01	
15 1	P084	4,000	P	S01	
15 2	P085	4,000	P	S01	
15 3	P087	4,000	P	S01	
15 4	P088	4,000	P	S01	
15 5	P089	4,000	P	S01	
15 6	P092	4,000	P	S01	
15 7	P093	4,000	P	S01	
15 8	P094	4,000	P	S01	
15 9	P095	4,000	P	S01	
16 0	P096	4,000	P	S01	
16 1	P097	4,000	P	S01	
16 2	P098	4,000	P	S01	
16 3	P099	4,000	P	S01	
16 4	P101	4,000	P	S01	
16 5	P102	4,000	P	S01	
16 6	P103	4,000	P	S01	
16 7	P104	4,000	P	S01	
16 8	P105	4,000	P	S01	
16 9	P106	4,000	P	S01	
17 0	P108	4,000	P	S01	
17 1	P109	4,000	P	S01	
17 2	P110	4,000	P	S01	
17 3	P111	4,000	P	S01	
17 4	P112	4,000	P	S01	
17 5	P113	4,000	P	S01	
17 6	P114	4,000	P	S01	
17 7	P115	4,000	P	S01	
17 8	P116	4,000	P	S01	
17 9	P118	4,000	P	S01	
18 0	P119	4,000	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Area L (continued)					
18	P120	4,000	P	S01	
18	P121	4,000	P	S01	
18	P122	4,000	P	S01	
18	P123	4,000	P	S01	
18	P127	4,000	P	S01	
18	P128	4,000	P	S01	
18	P185	4,000	P	S01	
18	P188	4,000	P	S01	
18	P189	4,000	P	S01	
19	P190	4,000	P	S01	
19	P191	4,000	P	S01	
19	P192	4,000	P	S01	
19	P193	4,000	P	S01	
19	P194	4,000	P	S01	
19	P195	4,000	P	S01	
19	P196	4,000	P	S01	
19	P197	4,000	P	S01	
19	P198	4,000	P	S01	
19	P199	4,000	P	S01	
20	P200	4,000	P	S01	
20	P201	4,000	P	S01	
20	P202	4,000	P	S01	
20	U003	4,000	P	S01	
20	U004	4,000	P	S01	
20	U005	4,000	P	S01	
20	U006	4,000	P	S01	
20	U007	4,000	P	S01	
20	U008	4,000	P	S01	
20	U009	4,000	P	S01	
21	U010	4,000	P	S01	
21	U011	4,000	P	S01	
21	U012	4,000	P	S01	
21	U013	4,000	P	S01	
21	U014	4,000	P	S01	
21	U015	4,000	P	S01	
21	U016	4,000	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Area L (continued)					
21	U016	4,000	P	S01	
21	U017	4,000	P	S01	
21	U018	4,000	P	S01	
22	U019	4,000	P	S01	
22	U020	4,000	P	S01	
22	U021	4,000	P	S01	
22	U022	4,000	P	S01	
22	U023	4,000	P	S01	
22	U024	4,000	P	S01	
22	U025	4,000	P	S01	
22	U026	4,000	P	S01	
22	U027	4,000	P	S01	
22	U028	4,000	P	S01	
22	U029	4,000	P	S01	
23	U030	4,000	P	S01	
23	U031	4,000	P	S01	
23	U032	4,000	P	S01	
23	U033	4,000	P	S01	
23	U034	4,000	P	S01	
23	U035	4,000	P	S01	
23	U036	4,000	P	S01	
23	U037	4,000	P	S01	
23	U038	4,000	P	S01	
23	U039	4,000	P	S01	
24	U040	4,000	P	S01	
24	U041	4,000	P	S01	
24	U042	4,000	P	S01	
24	U043	4,000	P	S01	
24	U044	4,000	P	S01	
24	U045	4,000	P	S01	
24	U046	4,000	P	S01	
24	U047	4,000	P	S01	
24	U048	4,000	P	S01	
24	U049	4,000	P	S01	
25	U050	4,000	P	S01	
25	U051	4,000	P	S01	
25	U052	4,000	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Area L (continued)					
25	U053	4,000	P	S01	
25	U054	4,000	P	S01	
25	U055	4,000	P	S01	
25	U056	4,000	P	S01	
25	U057	4,000	P	S01	
25	U058	4,000	P	S01	
25	U059	4,000	P	S01	
26	U060	4,000	P	S01	
26	U061	4,000	P	S01	
26	U062	4,000	P	S01	
26	U063	4,000	P	S01	
26	U064	4,000	P	S01	
26	U065	4,000	P	S01	
26	U066	4,000	P	S01	
26	U067	4,000	P	S01	
26	U068	4,000	P	S01	
26	U069	4,000	P	S01	
26	U070	4,000	P	S01	
26	U071	4,000	P	S01	
27	U072	4,000	P	S01	
27	U073	4,000	P	S01	
27	U074	4,000	P	S01	
27	U075	4,000	P	S01	
27	U076	4,000	P	S01	
27	U077	4,000	P	S01	
27	U078	4,000	P	S01	
27	U079	4,000	P	S01	
27	U080	4,000	P	S01	
27	U081	4,000	P	S01	
28	U082	4,000	P	S01	
28	U083	4,000	P	S01	
28	U084	4,000	P	S01	
28	U085	4,000	P	S01	
28	U086	4,000	P	S01	
28	U087	4,000	P	S01	
28	U088	4,000	P	S01	
28	U089	4,000	P	S01	
28	U090	4,000	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Area L (continued)					
28	U091	4,000	P	S01	
29	U092	4,000	P	S01	
29	U093	4,000	P	S01	
29	U094	4,000	P	S01	
29	U095	4,000	P	S01	
29	U096	4,000	P	S01	
29	U097	4,000	P	S01	
29	U098	4,000	P	S01	
29	U099	4,000	P	S01	
29	U101	4,000	P	S01	
29	U102	4,000	P	S01	
30	U103	4,000	P	S01	
30	U105	4,000	P	S01	
30	U106	4,000	P	S01	
30	U107	4,000	P	S01	
30	U108	4,000	P	S01	
30	U109	4,000	P	S01	
30	U110	4,000	P	S01	
30	U111	4,000	P	S01	
30	U112	4,000	P	S01	
30	U113	4,000	P	S01	
31	U114	4,000	P	S01	
31	U115	4,000	P	S01	
31	U116	4,000	P	S01	
31	U117	4,000	P	S01	
31	U118	4,000	P	S01	
31	U119	4,000	P	S01	
31	U120	4,000	P	S01	
31	U121	4,000	P	S01	
31	U122	4,000	P	S01	
31	U123	4,000	P	S01	
32	U124	4,000	P	S01	
32	U125	4,000	P	S01	
32	U126	4,000	P	S01	
32	U127	4,000	P	S01	
32	U128	4,000	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Area L (continued)					
32	U125	4,000	P	S01	
32	U126	4,000	P	S01	
32	U127	4,000	P	S01	
32	U128	4,000	P	S01	
32	U129	4,000	P	S01	
33	U130	4,000	P	S01	
33	U131	4,000	P	S01	
33	U132	4,000	P	S01	
33	U133	4,000	P	S01	
33	U134	4,000	P	S01	
33	U135	4,000	P	S01	
33	U136	4,000	P	S01	
33	U137	4,000	P	S01	
33	U138	4,000	P	S01	
33	U139	4,000	P	S01	
34	U140	4,000	P	S01	
34	U141	4,000	P	S01	
34	U142	4,000	P	S01	
34	U143	4,000	P	S01	
34	U144	4,000	P	S01	
34	U145	4,000	P	S01	
34	U146	4,000	P	S01	
34	U147	4,000	P	S01	
34	U148	4,000	P	S01	
34	U149	4,000	P	S01	
35	U150	4,000	P	S01	
35	U151	4,000	P	S01	
35	U152	4,000	P	S01	
35	U153	4,000	P	S01	
35	U154	4,000	P	S01	
35	U155	4,000	P	S01	
35	U156	4,000	P	S01	
35	U157	4,000	P	S01	
35	U158	4,000	P	S01	
35	U159	4,000	P	S01	
36	U160	4,000	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Area L (continued)					
36	U 1 6 6	4,000	P	S 0 1	
36	U 1 6 7	4,000	P	S 0 1	
36	U 1 6 8	4,000	P	S 0 1	
36	U 1 6 9	4,000	P	S 0 1	
36	U 1 7 0	4,000	P	S 0 1	
36	U 1 7 1	4,000	P	S 0 1	
36	U 1 7 2	4,000	P	S 0 1	
36	U 1 7 3	4,000	P	S 0 1	
36	U 1 7 4	4,000	P	S 0 1	
37	U 1 7 6	4,000	P	S 0 1	
37	U 1 7 7	4,000	P	S 0 1	
37	U 1 7 8	4,000	P	S 0 1	
37	U 1 7 9	4,000	P	S 0 1	
37	U 1 8 0	4,000	P	S 0 1	
37	U 1 8 1	4,000	P	S 0 1	
37	U 1 8 2	4,000	P	S 0 1	
37	U 1 8 3	4,000	P	S 0 1	
37	U 1 8 4	4,000	P	S 0 1	
37	U 1 8 5	4,000	P	S 0 1	
38	U 1 8 6	4,000	P	S 0 1	
38	U 1 8 7	4,000	P	S 0 1	
38	U 1 8 8	4,000	P	S 0 1	
38	U 1 8 9	4,000	P	S 0 1	
38	U 1 9 0	4,000	P	S 0 1	
38	U 1 9 1	4,000	P	S 0 1	
38	U 1 9 2	4,000	P	S 0 1	
38	U 1 9 3	4,000	P	S 0 1	
38	U 1 9 4	4,000	P	S 0 1	
38	U 1 9 6	4,000	P	S 0 1	
39	U 1 9 7	4,000	P	S 0 1	
39	U 2 0 0	4,000	P	S 0 1	
39	U 2 0 1	4,000	P	S 0 1	
39	U 2 0 2	4,000	P	S 0 1	
39	U 2 0 3	4,000	P	S 0 1	
39	U 2 0 4	4,000	P	S 0 1	
39	U 2 0 5	4,000	P	S 0 1	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Area L (continued)					
39	U206	4,000	P	S01	
39	U207	4,000	P	S01	
39	U208	4,000	P	S01	
40	U209	4,000	P	S01	
40	U210	4,000	P	S01	
40	U211	4,000	P	S01	
40	U213	4,000	P	S01	
40	U214	4,000	P	S01	
40	U215	4,000	P	S01	
40	U216	4,000	P	S01	
40	U217	4,000	P	S01	
40	U218	4,000	P	S01	
40	U219	4,000	P	S01	
41	U220	7,000	P	S01	
41	U221	4,000	P	S01	
41	U222	4,000	P	S01	
41	U223	4,000	P	S01	
41	U225	4,000	P	S01	
41	U226	7,000	P	S01	
41	U227	4,000	P	S01	
41	U228	7,000	P	S01	
41	U234	4,000	P	S01	
41	U235	4,000	P	S01	
42	U236	4,000	P	S01	
42	U237	4,000	P	S01	
42	U238	4,000	P	S01	
42	U239	7,000	P	S01	
42	U240	4,000	P	S01	
42	U243	4,000	P	S01	
42	U244	4,000	P	S01	
42	U246	4,000	P	S01	
42	U247	4,000	P	S01	
42	U248	4,000	P	S01	
43	U249	4,000	P	S01	
43	U271	4,000	P	S01	
43	U272	4,000	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Area L (continued)					
43	U 2 7 9	4,000	P	S 0 1	
44	U 2 8 0	4,000	P	S 0 1	
45	U 3 2 8	4,000	P	S 0 1	
46	U 3 5 3	4,000	P	S 0 1	
47	U 3 5 9	4,000	P	S 0 1	
48	U 3 6 4	4,000	P	S 0 1	
49	U 3 6 7	4,000	P	S 0 1	
40	U 3 7 2	4,000	P	S 0 1	
41	U 3 7 3	4,000	P	S 0 1	
42	U 3 8 7	4,000	P	S 0 1	
43	U 3 8 9	4,000	P	S 0 1	
44	U 3 9 4	4,000	P	S 0 1	
45	U 3 9 5	4,000	P	S 0 1	
46	U 4 0 4	4,000	P	S 0 1	
47	U 4 0 9	4,000	P	S 0 1	
48	U 4 1 0	4,000	P	S 0 1	
49	U 4 1 1	4,000	P	S 0 1	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Material Disposal Area L (Impoundments B and D/ Shafts 1, 13-17, and 19-34)					
	1 D 0 0 1	82,000	P	D 8 0	
	2 D 0 0 2	17,200	P	D 8 0	
	3 D 0 0 3	750	P	D 8 0	
	4 D 0 0 4	1,700	P	D 8 0	
	5 D 0 0 6	650	P	D 8 0	
	6 D 0 0 7	1,000	P	D 8 0	
	7 D 0 0 8	1,250	P	D 8 0	
	8 D 0 0 9	2,200	P	D 8 0	
	9 D 0 1 1	100	P	D 8 0	
1	0 D 0 1 6	600	P	D 8 0	
1	1 F 0 0 2	1,400	P	D 8 0	
1	2 P 0 1 5	4,000	P	D 8 0	
1	3 P 0 8 7	15	P	D 8 0	
1	4 U 0 0 2	5,000	P	D 8 0	
1	5 U 0 1 9	200	P	D 8 0	
1	6 U 0 6 9	500	P	D 8 0	
1	7 U 0 8 0	2,000	P	D 8 0	
1	8 U 1 2 2	550	P	D 8 0	
1	9 U 1 5 1	35	P	D 8 0	
2	0 U 1 5 4	550	P	D 8 0	
2	1 U 1 5 9	300	P	D 8 0	
2	2 U 1 6 1	500	P	D 8 0	
2	3 U 1 6 5	140	P	D 8 0	
2	4 U 2 2 0	620	P	D 8 0	
2	5 U 2 2 6	10,000	P	D 8 0	
2	6 U 2 2 8	4,400	P	D 8 0	
2	7 U 2 3 9	345	P	D 8 0	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Area G					
1	D001	330,000	P	S01	
2	D002	395,000	P	S01	
3	D003	185,000	P	S01	
4	D004	2,525,000	P	S01	
5	D005	82,000	P	S01	
6	D006	515,000	P	S01	
7	D007	3,775,000	P	S01	
8	D008	5,400,000	P	S01	
9	D009	100,000	P	S01	
10	D010	45,000	P	S01	
11	D011	2,540,000	P	S01	
12	D012	18,000	P	S01	
13	D013	4,000	P	S01	
14	D014	4,000	P	S01	
15	D015	7,000	P	S01	
16	D016	4,000	P	S01	
17	D017	4,000	P	S01	
18	D018	30,000	P	S01	
19	D019	25,000	P	S01	
20	D020	30,000	P	S01	
21	D021	15,000	P	S01	
22	D022	33,000	P	S01	
23	D023	4,000	P	S01	
24	D024	4,000	P	S01	
25	D025	4,000	P	S01	
26	D026	4,000	P	S01	
27	D027	22,000	P	S01	
28	D028	40,000	P	S01	
29	D029	7,000	P	S01	
30	D030	30,000	P	S01	
31	D031	22,000	P	S01	
32	D032	29,000	P	S01	
33	D033	29,000	P	S01	
34	D034	29,000	P	S01	
35	D035	30,000	P	S01	
36	D036	19,000	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Area G (continued)					
3 7	D 0 3 7	7,000	P	S 0 1	
3 8	D 0 3 8	14,000	P	S 0 1	
3 9	D 0 3 9	20,000	P	S 0 1	
4 0	D 0 4 0	25,000	P	S 0 1	
4 1	D 0 4 1	17,000	P	S 0 1	
4 2	D 0 4 2	22,000	P	S 0 1	
4 3	D 0 4 3	25,000	P	S 0 1	
4 4	F 0 0 1	6,410,000	P	S 0 1	
4 5	F 0 0 2	3,450,000	P	S 0 1	
4 6	F 0 0 3	2,850,000	P	S 0 1	
4 7	F 0 0 4	35,000	P	S 0 1	
4 8	F 0 0 5	3,250,000	P	S 0 1	
4 9	F 0 0 6	7,000	P	S 0 1	
5 0	F 0 0 7	18,000	P	S 0 1	
5 1	F 0 0 8	7,000	P	S 0 1	
5 2	F 0 0 9	8,000	P	S 0 1	
5 3	F 0 1 0	4,000	P	S 0 1	
5 4	F 0 1 1	4,000	P	S 0 1	
5 5	F 0 1 2	4,000	P	S 0 1	
5 6	F 0 1 9	4,000	P	S 0 1	
5 7	F 0 2 0	4,000	P	S 0 1	
5 8	F 0 2 1	4,000	P	S 0 1	
5 9	F 0 2 2	4,000	P	S 0 1	
6 0	F 0 2 3	4,000	P	S 0 1	
6 1	F 0 2 4	4,000	P	S 0 1	
6 2	F 0 2 5	4,000	P	S 0 1	
6 3	F 0 2 6	4,000	P	S 0 1	
6 4	F 0 2 7	4,000	P	S 0 1	
6 5	F 0 2 8	4,000	P	S 0 1	
6 6	F 0 3 2	4,000	P	S 0 1	
6 7	F 0 3 4	4,000	P	S 0 1	
6 8	F 0 3 5	4,000	P	S 0 1	
6 9	F 0 3 7	4,000	P	S 0 1	
7 0	F 0 3 8	4,000	P	S 0 1	
7 1	F 0 3 9	4,000	P	S 0 1	
7 2	K 0 4 4	22,000	P	S 0 1	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Area G (continued)					
7 3	K 0 4 5	4,000	P	S 0 1	
7 4	K 0 4 6	4,000	P	S 0 1	
7 5	K 0 4 7	4,000	P	S 0 1	
7 6	K 0 8 4	500	P	S 0 1	
7 7	K 1 0 1	500	P	S 0 1	
7 8	K 1 0 2	500	P	S 0 1	
7 9	P 0 0 1	4,000	P	S 0 1	
8 0	P 0 0 2	4,000	P	S 0 1	
8 1	P 0 0 3	4,100	P	S 0 1	
8 2	P 0 0 4	4,000	P	S 0 1	
8 3	P 0 0 5	4,000	P	S 0 1	
8 4	P 0 0 6	4,000	P	S 0 1	
8 5	P 0 0 7	4,000	P	S 0 1	
8 6	P 0 0 8	4,000	P	S 0 1	
8 7	P 0 0 9	4,000	P	S 0 1	
8 8	P 0 1 0	4,000	P	S 0 1	
8 9	P 0 1 1	4,000	P	S 0 1	
9 0	P 0 1 2	4,100	P	S 0 1	
9 1	P 0 1 3	4,000	P	S 0 1	
9 2	P 0 1 4	4,000	P	S 0 1	
9 3	P 0 1 5	4,100	P	S 0 1	
9 4	P 0 1 6	4,000	P	S 0 1	
9 5	P 0 1 7	4,000	P	S 0 1	
9 6	P 0 1 8	4,000	P	S 0 1	
9 7	P 0 2 0	4,000	P	S 0 1	
9 8	P 0 2 1	4,000	P	S 0 1	
9 9	P 0 2 2	4,000	P	S 0 1	
10 0	P 0 2 3	4,000	P	S 0 1	
10 1	P 0 2 4	4,000	P	S 0 1	
10 2	P 0 2 6	4,000	P	S 0 1	
10 3	P 0 2 7	4,000	P	S 0 1	
10 4	P 0 2 8	4,000	P	S 0 1	
10 5	P 0 2 9	4,100	P	S 0 1	
10 6	P 0 3 0	4,100	P	S 0 1	
10 7	P 0 3 1	4,100	P	S 0 1	
10 8	P 0 3 3	4,000	P	S 0 1	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Area G (continued)					
10 9	P 0 3 4	4,000	P	S 0 1	
11 0	P 0 3 6	4,000	P	S 0 1	
11 1	P 0 3 7	4,000	P	S 0 1	
11 2	P 0 3 8	4,100	P	S 0 1	
11 3	P 0 3 9	4,000	P	S 0 1	
11 4	P 0 4 0	4,000	P	S 0 1	
11 5	P 0 4 1	4,000	P	S 0 1	
11 6	P 0 4 2	4,000	P	S 0 1	
11 7	P 0 4 3	4,000	P	S 0 1	
11 8	P 0 4 4	4,000	P	S 0 1	
11 9	P 0 4 5	4,000	P	S 0 1	
12 0	P 0 4 6	4,000	P	S 0 1	
12 1	P 0 4 7	4,000	P	S 0 1	
12 2	P 0 4 8	4,000	P	S 0 1	
12 3	P 0 4 9	4,000	P	S 0 1	
12 4	P 0 5 0	4,000	P	S 0 1	
12 5	P 0 5 1	4,000	P	S 0 1	
12 6	P 0 5 4	4,000	P	S 0 1	
12 7	P 0 5 6	4,100	P	S 0 1	
12 8	P 0 5 7	4,000	P	S 0 1	
12 9	P 0 5 8	4,000	P	S 0 1	
13 0	P 0 5 9	4,000	P	S 0 1	
13 1	P 0 6 0	4,000	P	S 0 1	
13 2	P 0 6 2	4,000	P	S 0 1	
13 3	P 0 6 3	4,100	P	S 0 1	
13 4	P 0 6 4	4,000	P	S 0 1	
13 5	P 0 6 5	4,000	P	S 0 1	
13 6	P 0 6 6	4,000	P	S 0 1	
13 7	P 0 6 7	4,000	P	S 0 1	
13 8	P 0 6 8	4,100	P	S 0 1	
13 9	P 0 6 9	4,000	P	S 0 1	
14 0	P 0 7 0	4,000	P	S 0 1	
14 1	P 0 7 1	4,000	P	S 0 1	
14 2	P 0 7 2	4,000	P	S 0 1	
14 3	P 0 7 3	4,100	P	S 0 1	
14 4	P 0 7 4	4,000	P	S 0 1	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Area G (continued)					
14 5	P075	4,000	P	S01	
14 6	P076	4,000	P	S01	
14 7	P077	4,000	P	S01	
14 8	P078	4,000	P	S01	
14 9	P081	4,000	P	S01	
15 0	P082	4,000	P	S01	
15 1	P084	4,000	P	S01	
15 2	P085	4,000	P	S01	
15 3	P087	4,000	P	S01	
15 4	P088	4,000	P	S01	
15 5	P089	4,000	P	S01	
15 6	P092	4,000	P	S01	
15 7	P093	4,000	P	S01	
15 8	P094	4,000	P	S01	
15 9	P095	4,100	P	S01	
16 0	P096	4,100	P	S01	
16 1	P097	4,000	P	S01	
16 2	P098	4,100	P	S01	
16 3	P099	4,000	P	S01	
16 4	P101	4,000	P	S01	
16 5	P102	4,000	P	S01	
16 6	P103	4,000	P	S01	
16 7	P104	4,000	P	S01	
16 8	P105	4,000	P	S01	
16 9	P106	4,100	P	S01	
17 0	P108	4,000	P	S01	
17 1	P109	4,000	P	S01	
17 2	P110	4,000	P	S01	
17 3	P111	4,000	P	S01	
17 4	P112	4,000	P	S01	
17 5	P113	4,000	P	S01	
17 6	P114	4,000	P	S01	
17 7	P115	4,000	P	S01	
17 8	P116	4,000	P	S01	
17 9	P118	4,000	P	S01	
18 0	P119	4,000	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Area G (continued)					
18	P120	4,100	P	S01	
18	P121	4,000	P	S01	
18	P122	4,000	P	S01	
18	P123	4,000	P	S01	
18	P127	4,000	P	S01	
18	P128	4,000	P	S01	
18	P185	4,000	P	S01	
18	P188	4,000	P	S01	
18	P189	4,000	P	S01	
19	P190	4,000	P	S01	
19	P191	4,000	P	S01	
19	P192	4,000	P	S01	
19	P194	4,000	P	S01	
19	P196	4,000	P	S01	
19	P197	4,000	P	S01	
19	P198	4,000	P	S01	
19	P199	4,000	P	S01	
19	P201	4,000	P	S01	
19	P202	4,000	P	S01	
20	P203	4,000	P	S01	
20	P204	4,000	P	S01	
20	P205	4,000	P	S01	
20	U001	4,100	P	S01	
20	U002	7,100	P	S01	
20	U003	4,100	P	S01	
20	U004	4,000	P	S01	
20	U005	4,000	P	S01	
20	U006	4,000	P	S01	
20	U007	4,000	P	S01	
20	U008	4,000	P	S01	
21	U009	4,000	P	S01	
21	U010	4,000	P	S01	
21	U012	4,000	P	S01	
21	U013	4,000	P	S01	
21	U014	4,100	P	S01	
21	U015	4,000	P	S01	
21	U016	4,000	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Area G (continued)					
21	U016	4,000	P	S01	
21	U017	4,000	P	S01	
21	U018	4,000	P	S01	
22	U019	4,100	P	S01	
22	U020	4,000	P	S01	
22	U021	4,000	P	S01	
22	U022	4,100	P	S01	
22	U023	4,000	P	S01	
22	U024	4,000	P	S01	
22	U025	4,000	P	S01	
22	U026	4,000	P	S01	
22	U027	4,000	P	S01	
22	U028	4,000	P	S01	
22	U029	4,100	P	S01	
23	U030	4,000	P	S01	
23	U031	4,100	P	S01	
23	U032	4,000	P	S01	
23	U033	4,000	P	S01	
23	U034	4,000	P	S01	
23	U035	4,000	P	S01	
23	U036	4,000	P	S01	
23	U037	4,100	P	S01	
23	U038	4,000	P	S01	
24	U039	4,000	P	S01	
24	U040	4,000	P	S01	
24	U041	4,000	P	S01	
24	U042	4,000	P	S01	
24	U043	4,100	P	S01	
24	U044	4,100	P	S01	
24	U045	4,000	P	S01	
24	U046	4,000	P	S01	
24	U047	4,000	P	S01	
24	U048	4,000	P	S01	
24	U049	4,000	P	S01	
25	U050	4,000	P	S01	
25	U051	4,000	P	S01	
25	U052	4,100	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Area G (continued)					
25	U053	4,000	P	S01	
25	U054	4,000	P	S01	
25	U055	4,100	P	S01	
25	U056	4,100	P	S01	
25	U057	4,000	P	S01	
25	U058	4,000	P	S01	
25	U059	4,000	P	S01	
26	U060	4,000	P	S01	
26	U061	4,000	P	S01	
26	U062	4,000	P	S01	
26	U063	4,000	P	S01	
26	U064	4,000	P	S01	
26	U065	4,000	P	S01	
26	U066	4,000	P	S01	
26	U067	4,000	P	S01	
26	U068	4,000	P	S01	
26	U069	4,000	P	S01	
26	U070	4,000	P	S01	
26	U071	4,000	P	S01	
27	U072	4,000	P	S01	
27	U073	4,000	P	S01	
27	U074	4,000	P	S01	
27	U075	4,100	P	S01	
27	U076	4,000	P	S01	
27	U077	4,100	P	S01	
27	U078	4,000	P	S01	
27	U079	4,000	P	S01	
27	U080	12,000	P	S01	
27	U081	4,000	P	S01	
28	U082	4,000	P	S01	
28	U083	4,000	P	S01	
28	U084	4,000	P	S01	
28	U085	4,000	P	S01	
28	U086	4,000	P	S01	
28	U087	4,000	P	S01	
28	U088	4,000	P	S01	
28	U089	4,000	P	S01	
28	U090	4,000	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Area G (continued)					
28	U091	4,000	P	S01	
29	U092	4,000	P	S01	
29	U093	4,000	P	S01	
29	U094	4,000	P	S01	
29	U095	4,000	P	S01	
29	U096	4,000	P	S01	
29	U097	4,000	P	S01	
29	U098	4,000	P	S01	
29	U099	4,000	P	S01	
29	U101	4,000	P	S01	
29	U102	4,000	P	S01	
30	U103	4,000	P	S01	
30	U105	4,000	P	S01	
30	U106	4,000	P	S01	
30	U107	4,000	P	S01	
30	U108	4,100	P	S01	
30	U109	4,000	P	S01	
30	U110	4,000	P	S01	
30	U111	4,000	P	S01	
30	U112	4,100	P	S01	
30	U113	4,000	P	S01	
31	U114	4,000	P	S01	
31	U115	4,100	P	S01	
31	U116	4,000	P	S01	
31	U117	4,100	P	S01	
31	U118	4,000	P	S01	
31	U119	4,000	P	S01	
31	U120	4,000	P	S01	
31	U121	4,100	P	S01	
31	U122	7,100	P	S01	
31	U123	4,100	P	S01	
32	U124	4,000	P	S01	
32	U125	4,000	P	S01	
32	U126	4,000	P	S01	
32	U127	4,000	P	S01	
32	U128	4,000	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Area G (continued)					
32	U121	4,000	P	S01	
32	U130	4,000	P	S01	
32	U131	4,100	P	S01	
32	U132	4,000	P	S01	
32	U133	4,100	P	S01	
33	U134	12,100	P	S01	
33	U135	4,100	P	S01	
33	U136	4,000	P	S01	
33	U137	4,000	P	S01	
33	U138	4,000	P	S01	
33	U140	4,100	P	S01	
33	U141	4,000	P	S01	
33	U142	4,000	P	S01	
33	U143	4,000	P	S01	
33	U144	4,100	P	S01	
34	U145	4,000	P	S01	
34	U146	4,000	P	S01	
34	U147	4,000	P	S01	
34	U148	4,000	P	S01	
34	U149	4,000	P	S01	
34	U150	4,000	P	S01	
34	U151	7,100	P	S01	
34	U152	4,000	P	S01	
34	U153	4,000	P	S01	
34	U154	4,100	P	S01	
35	U155	4,000	P	S01	
35	U156	4,000	P	S01	
35	U157	4,000	P	S01	
35	U158	4,000	P	S01	
35	U159	4,100	P	S01	
35	U160	4,100	P	S01	
35	U161	4,100	P	S01	
35	U162	4,000	P	S01	
35	U163	4,000	P	S01	
35	U164	4,000	P	S01	
36	U165	4,100	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Area G (continued)					
36	U161	4,000	P	S01	
36	U162	4,000	P	S01	
36	U163	4,000	P	S01	
36	U164	4,100	P	S01	
36	U170	4,000	P	S01	
36	U171	4,000	P	S01	
36	U172	4,000	P	S01	
36	U173	4,000	P	S01	
36	U174	4,000	P	S01	
37	U176	4,000	P	S01	
37	U177	4,000	P	S01	
37	U178	4,000	P	S01	
37	U179	4,000	P	S01	
37	U180	4,000	P	S01	
37	U181	4,000	P	S01	
37	U182	4,000	P	S01	
37	U183	4,000	P	S01	
37	U184	4,000	P	S01	
37	U185	4,000	P	S01	
38	U186	4,000	P	S01	
38	U187	4,000	P	S01	
38	U188	4,100	P	S01	
38	U189	4,000	P	S01	
38	U190	4,100	P	S01	
38	U191	4,000	P	S01	
38	U192	4,000	P	S01	
38	U193	4,000	P	S01	
38	U194	4,000	P	S01	
38	U196	4,100	P	S01	
39	U197	4,000	P	S01	
39	U200	4,000	P	S01	
39	U201	4,000	P	S01	
39	U202	4,000	P	S01	
39	U203	4,000	P	S01	
39	U204	4,100	P	S01	
39	U205	4,000	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Area G (continued)					
39	U206	4,000	P	S01	
39	U207	4,000	P	S01	
39	U208	4,000	P	S01	
40	U209	4,000	P	S01	
40	U210	4,100	P	S01	
40	U211	4,100	P	S01	
40	U213	4,100	P	S01	
40	U214	4,000	P	S01	
40	U215	4,000	P	S01	
40	U216	4,100	P	S01	
40	U217	4,000	P	S01	
40	U218	4,100	P	S01	
40	U219	4,100	P	S01	
41	U220	7,100	P	S01	
41	U221	4,000	P	S01	
41	U222	4,000	P	S01	
41	U223	4,000	P	S01	
41	U225	4,100	P	S01	
41	U226	7,100	P	S01	
41	U227	4,100	P	S01	
41	U228	7,100	P	S01	
41	U234	4,000	P	S01	
41	U235	4,000	P	S01	
42	U236	4,000	P	S01	
42	U237	4,000	P	S01	
42	U238	4,000	P	S01	
42	U239	7,100	P	S01	
42	U240	4,000	P	S01	
42	U243	4,000	P	S01	
42	U244	4,000	P	S01	
42	U246	4,100	P	S01	
42	U247	4,000	P	S01	
42	U248	4,000	P	S01	
43	U249	4,000	P	S01	
43	U271	4,000	P	S01	
43	U272	4,000	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Area G (continued)					
43	U 2 7 9	4,000	P	S 0 1	
44	U 2 8 0	4,000	P	S 0 1	
45	U 3 2 8	4,000	P	S 0 1	
46	U 3 5 3	4,000	P	S 0 1	
47	U 3 5 9	4,000	P	S 0 1	
48	U 3 6 4	4,000	P	S 0 1	
49	U 3 6 7	4,000	P	S 0 1	
40	U 3 7 2	4,000	P	S 0 1	
41	U 3 7 3	4,000	P	S 0 1	
42	U 3 8 7	4,000	P	S 0 1	
43	U 3 8 9	4,000	P	S 0 1	
44	U 3 9 4	4,000	P	S 0 1	
45	U 3 9 5	4,000	P	S 0 1	
46	U 4 0 4	4,000	P	S 0 1	
47	U 4 0 9	4,000	P	S 0 1	
48	U 4 1 0	4,000	P	S 0 1	
49	U 4 1 1	4,000	P	S 0 1	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Material Disposal Area G (Shaft 124 and Pit 29)					
1	D004	850	P	D80	
2	D005	2,100	P	D80	
3	D006	4,250	P	D80	
4	D007	4,450	P	D80	
5	D008	507,100	P	D80	
6	D009	850	P	D80	
7	D010	15	P	D80	
8	D011	530	P	D80	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, West					
	1 D 0 0 1	74,252	P	S 0 1	
	2 D 0 0 2	38,448	P	S 0 1	
	3 D 0 0 3	3,528	P	S 0 1	
	4 D 0 0 4	24,692	P	S 0 1	
	5 D 0 0 5	22,576	P	S 0 1	
	6 D 0 0 6	3,627,220	P	S 0 1	
	7 D 0 0 7	3,784,544	P	S 0 1	
	8 D 0 0 8	8,589,208	P	S 0 1	
	9 D 0 0 9	261,732	P	S 0 1	
1	0 D 0 1 0	27,160	P	S 0 1	
1	1 D 0 1 1	30,336	P	S 0 1	
1	2 D 0 1 2	36,000	P	S 0 1	
1	3 D 0 1 3	8,000	P	S 0 1	
1	4 D 0 1 4	8,000	P	S 0 1	
1	5 D 0 1 5	14,000	P	S 0 1	
1	6 D 0 1 6	8,000	P	S 0 1	
1	7 D 0 1 7	8,000	P	S 0 1	
1	8 D 0 1 8	1,412	P	S 0 1	
1	9 D 0 1 9	28,220	P	S 0 1	
2	0 D 0 2 0	60,000	P	S 0 1	
2	1 D 0 2 1	4,880	P	S 0 1	
2	2 D 0 2 2	6,704	P	S 0 1	
2	3 D 0 2 3	8,000	P	S 0 1	
2	4 D 0 2 4	8,000	P	S 0 1	
2	5 D 0 2 5	8,000	P	S 0 1	
2	6 D 0 2 6	8,000	P	S 0 1	
2	7 D 0 2 7	4,056	P	S 0 1	
2	8 D 0 2 8	1,158,400	P	S 0 1	
2	9 D 0 2 9	1,152,576	P	S 0 1	
3	0 D 0 3 0	26,100	P	S 0 1	
3	1 D 0 3 1	352	P	S 0 1	
3	2 D 0 3 2	16,580	P	S 0 1	
3	3 D 0 3 3	11,112	P	S 0 1	
3	4 D 0 3 4	5,820	P	S 0 1	
3	5 D 0 3 5	528	P	S 0 1	
3	6 D 0 3 6	1,764	P	S 0 1	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, West (continued)					
37	D037	2,820	P	S01	
38	D038	352	P	S01	
39	D039	7,760	P	S01	
40	D040	17,460	P	S01	
41	D041	352	P	S01	
42	D042	5,644	P	S01	
43	D043	2,116	P	S01	
44	F001	2,225,608	P	S01	
45	F002	288,012	P	S01	
46	F003	137,856	P	S01	
47	F004	8,640	P	S01	
48	F005	1,296,844	P	S01	
49	F006	14,000	P	S01	
50	F007	36,000	P	S01	
51	F008	14,000	P	S01	
52	F009	8,000	P	S01	
53	F010	8,000	P	S01	
54	F011	8,000	P	S01	
55	F012	8,000	P	S01	
56	F019	8,000	P	S01	
57	F020	8,000	P	S01	
58	F021	8,000	P	S01	
59	F022	8,000	P	S01	
60	F023	8,000	P	S01	
61	F024	8,000	P	S01	
62	F025	8,000	P	S01	
63	F026	8,000	P	S01	
64	F027	8,000	P	S01	
65	F028	8,000	P	S01	
66	F032	8,000	P	S01	
67	F034	8,000	P	S01	
68	F035	8,000	P	S01	
69	F037	8,000	P	S01	
70	F038	8,000	P	S01	
71	F039	8,000	P	S01	
72	K044	4,000	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, West (continued)					
7 3	K 0 4 5	8,000	P	S 0 1	
7 4	K 0 4 6	8,000	P	S 0 1	
7 5	K 0 4 7	8,000	P	S 0 1	
7 6	K 0 8 4	1,000	P	S 0 1	
7 7	K 1 0 1	1,000	P	S 0 1	
7 8	K 1 0 2	1,000	P	S 0 1	
7 9	P 0 0 1	176	P	S 0 1	
8 0	P 0 0 2	176	P	S 0 1	
8 1	P 0 0 3	176	P	S 0 1	
8 2	P 0 0 4	176	P	S 0 1	
8 3	P 0 0 5	176	P	S 0 1	
8 4	P 0 0 6	176	P	S 0 1	
8 5	P 0 0 7	176	P	S 0 1	
8 6	P 0 0 8	176	P	S 0 1	
8 7	P 0 0 9	176	P	S 0 1	
8 8	P 0 1 0	176	P	S 0 1	
8 9	P 0 1 1	176	P	S 0 1	
9 0	P 0 1 2	176	P	S 0 1	
9 1	P 0 1 3	176	P	S 0 1	
9 2	P 0 1 4	176	P	S 0 1	
9 3	P 0 1 5	176	P	S 0 1	
9 4	P 0 1 6	176	P	S 0 1	
9 5	P 0 1 7	176	P	S 0 1	
9 6	P 0 1 8	176	P	S 0 1	
9 7	P 0 2 0	176	P	S 0 1	
9 8	P 0 2 1	176	P	S 0 1	
9 9	P 0 2 2	176	P	S 0 1	
10 0	P 0 2 3	176	P	S 0 1	
10 1	P 0 2 4	176	P	S 0 1	
10 2	P 0 2 6	176	P	S 0 1	
10 3	P 0 2 7	176	P	S 0 1	
10 4	P 0 2 8	176	P	S 0 1	
10 5	P 0 2 9	176	P	S 0 1	
10 6	P 0 3 0	176	P	S 0 1	
10 7	P 0 3 1	176	P	S 0 1	
10 8	P 0 3 3	176	P	S 0 1	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, West (continued)					
10	P 0 3 4	176	P	S 0 1	
11	P 0 3 6	176	P	S 0 1	
11	P 0 3 7	176	P	S 0 1	
11	P 0 3 8	176	P	S 0 1	
11	P 0 3 9	176	P	S 0 1	
11	P 0 4 0	176	P	S 0 1	
11	P 0 4 1	176	P	S 0 1	
11	P 0 4 2	176	P	S 0 1	
11	P 0 4 3	176	P	S 0 1	
11	P 0 4 4	176	P	S 0 1	
11	P 0 4 5	176	P	S 0 1	
12	P 0 4 6	176	P	S 0 1	
12	P 0 4 7	176	P	S 0 1	
12	P 0 4 8	176	P	S 0 1	
12	P 0 4 9	176	P	S 0 1	
12	P 0 5 0	176	P	S 0 1	
12	P 0 5 1	176	P	S 0 1	
12	P 0 5 4	176	P	S 0 1	
12	P 0 5 6	176	P	S 0 1	
12	P 0 5 7	176	P	S 0 1	
12	P 0 5 8	176	P	S 0 1	
13	P 0 5 9	176	P	S 0 1	
13	P 0 6 0	176	P	S 0 1	
13	P 0 6 2	176	P	S 0 1	
13	P 0 6 3	176	P	S 0 1	
13	P 0 6 4	176	P	S 0 1	
13	P 0 6 5	176	P	S 0 1	
13	P 0 6 6	176	P	S 0 1	
13	P 0 6 7	176	P	S 0 1	
13	P 0 6 8	176	P	S 0 1	
13	P 0 6 9	176	P	S 0 1	
14	P 0 7 0	176	P	S 0 1	
14	P 0 7 1	176	P	S 0 1	
14	P 0 7 2	176	P	S 0 1	
14	P 0 7 3	176	P	S 0 1	
14	P 0 7 4	176	P	S 0 1	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, West (continued)					
14	P075	176	P	S01	
14	P076	176	P	S01	
14	P077	176	P	S01	
14	P078	176	P	S01	
14	P081	176	P	S01	
15	P082	176	P	S01	
15	P084	176	P	S01	
15	P085	176	P	S01	
15	P087	176	P	S01	
15	P088	176	P	S01	
15	P089	176	P	S01	
15	P092	176	P	S01	
15	P093	176	P	S01	
15	P094	176	P	S01	
15	P095	176	P	S01	
16	P096	176	P	S01	
16	P097	176	P	S01	
16	P098	176	P	S01	
16	P099	176	P	S01	
16	P101	176	P	S01	
16	P102	176	P	S01	
16	P103	176	P	S01	
16	P104	176	P	S01	
16	P105	176	P	S01	
16	P106	176	P	S01	
17	P108	176	P	S01	
17	P109	176	P	S01	
17	P110	176	P	S01	
17	P111	176	P	S01	
17	P112	176	P	S01	
17	P113	176	P	S01	
17	P114	176	P	S01	
17	P115	176	P	S01	
17	P116	176	P	S01	
17	P118	176	P	S01	
18	P119	176	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, West (continued)					
18	P120	176	P	S01	
18	P121	176	P	S01	
18	P122	176	P	S01	
18	P123	176	P	S01	
18	P127	176	P	S01	
18	P128	176	P	S01	
18	P185	176	P	S01	
18	P188	176	P	S01	
18	P189	176	P	S01	
19	P190	176	P	S01	
19	P191	176	P	S01	
19	P192	176	P	S01	
19	P194	176	P	S01	
19	P196	176	P	S01	
19	P197	176	P	S01	
19	P198	176	P	S01	
19	P199	176	P	S01	
19	P201	176	P	S01	
19	P202	176	P	S01	
20	P203	176	P	S01	
20	P204	176	P	S01	
20	P205	176	P	S01	
20	U001	176	P	S01	
20	U002	176	P	S01	
20	U003	176	P	S01	
20	U004	176	P	S01	
20	U005	176	P	S01	
20	U006	176	P	S01	
20	U007	176	P	S01	
20	U008	176	P	S01	
20	U009	176	P	S01	
21	U010	176	P	S01	
21	U011	176	P	S01	
21	U012	176	P	S01	
21	U013	176	P	S01	
21	U014	176	P	S01	
21	U015	176	P	S01	
21	U016	176	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, West (continued)					
21	U016	176	P	S01	
21	U017	176	P	S01	
21	U018	176	P	S01	
22	U019	176	P	S01	
22	U020	176	P	S01	
22	U021	176	P	S01	
22	U022	176	P	S01	
22	U023	176	P	S01	
22	U024	176	P	S01	
22	U025	176	P	S01	
22	U026	176	P	S01	
22	U027	176	P	S01	
22	U028	176	P	S01	
23	U029	176	P	S01	
23	U030	176	P	S01	
23	U031	176	P	S01	
23	U032	176	P	S01	
23	U033	176	P	S01	
23	U034	176	P	S01	
23	U035	176	P	S01	
23	U036	176	P	S01	
23	U037	176	P	S01	
23	U038	176	P	S01	
23	U039	176	P	S01	
24	U040	176	P	S01	
24	U041	176	P	S01	
24	U042	176	P	S01	
24	U043	176	P	S01	
24	U044	176	P	S01	
24	U045	176	P	S01	
24	U046	176	P	S01	
24	U047	176	P	S01	
24	U048	176	P	S01	
24	U049	176	P	S01	
25	U050	176	P	S01	
25	U051	176	P	S01	
25	U052	176	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, West (continued)					
25	U056	176	P	S01	
25	U055	176	P	S01	
25	U056	176	P	S01	
25	U057	176	P	S01	
25	U058	176	P	S01	
25	U059	176	P	S01	
25	U060	176	P	S01	
26	U061	176	P	S01	
26	U062	176	P	S01	
26	U063	176	P	S01	
26	U064	176	P	S01	
26	U066	176	P	S01	
26	U067	176	P	S01	
26	U068	176	P	S01	
26	U069	176	P	S01	
26	U070	176	P	S01	
26	U071	176	P	S01	
27	U072	176	P	S01	
27	U073	176	P	S01	
27	U074	176	P	S01	
27	U075	176	P	S01	
27	U076	176	P	S01	
27	U077	176	P	S01	
27	U078	176	P	S01	
27	U079	176	P	S01	
27	U080	528	P	S01	
27	U081	176	P	S01	
28	U082	176	P	S01	
28	U083	176	P	S01	
28	U084	176	P	S01	
28	U085	176	P	S01	
28	U086	176	P	S01	
28	U087	176	P	S01	
28	U088	176	P	S01	
28	U089	176	P	S01	
28	U090	176	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, West (continued)					
28	U091	176	P	S01	
29	U092	176	P	S01	
29	U093	176	P	S01	
29	U094	176	P	S01	
29	U095	176	P	S01	
29	U096	176	P	S01	
29	U097	176	P	S01	
29	U098	176	P	S01	
29	U099	176	P	S01	
29	U101	176	P	S01	
29	U102	176	P	S01	
30	U103	176	P	S01	
30	U105	176	P	S01	
30	U106	176	P	S01	
30	U107	176	P	S01	
30	U108	176	P	S01	
30	U109	176	P	S01	
30	U110	176	P	S01	
30	U111	176	P	S01	
30	U112	176	P	S01	
30	U113	176	P	S01	
31	U114	176	P	S01	
31	U115	176	P	S01	
31	U116	176	P	S01	
31	U117	176	P	S01	
31	U118	176	P	S01	
31	U119	176	P	S01	
31	U120	176	P	S01	
31	U121	176	P	S01	
31	U122	176	P	S01	
31	U123	176	P	S01	
32	U124	176	P	S01	
32	U125	176	P	S01	
32	U126	176	P	S01	
32	U127	176	P	S01	
32	U128	176	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, West (continued)					
32	U113	176	P	S01	
32	U114	176	P	S01	
32	U115	176	P	S01	
32	U116	176	P	S01	
32	U117	176	P	S01	
33	U118	176	P	S01	
33	U119	176	P	S01	
33	U120	176	P	S01	
33	U121	176	P	S01	
33	U122	176	P	S01	
33	U123	176	P	S01	
33	U124	176	P	S01	
33	U125	176	P	S01	
33	U126	176	P	S01	
33	U127	176	P	S01	
33	U128	176	P	S01	
33	U129	176	P	S01	
34	U130	176	P	S01	
34	U131	176	P	S01	
34	U132	176	P	S01	
34	U133	176	P	S01	
34	U134	176	P	S01	
34	U135	176	P	S01	
34	U136	1,060	P	S01	
34	U137	176	P	S01	
34	U138	176	P	S01	
34	U139	176	P	S01	
35	U140	176	P	S01	
35	U141	176	P	S01	
35	U142	176	P	S01	
35	U143	176	P	S01	
35	U144	528	P	S01	
35	U145	176	P	S01	
35	U146	176	P	S01	
35	U147	176	P	S01	
35	U148	176	P	S01	
35	U149	176	P	S01	
36	U150	176	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, West (continued)					
36	U116	176	P	S01	
36	U117	176	P	S01	
36	U118	176	P	S01	
36	U119	176	P	S01	
36	U170	176	P	S01	
36	U171	176	P	S01	
36	U172	176	P	S01	
36	U173	176	P	S01	
36	U174	176	P	S01	
37	U176	176	P	S01	
37	U177	176	P	S01	
37	U178	176	P	S01	
37	U179	176	P	S01	
37	U180	176	P	S01	
37	U181	176	P	S01	
37	U182	176	P	S01	
37	U183	176	P	S01	
37	U184	176	P	S01	
37	U185	176	P	S01	
38	U186	176	P	S01	
38	U187	176	P	S01	
38	U188	176	P	S01	
38	U189	176	P	S01	
38	U190	176	P	S01	
38	U191	176	P	S01	
38	U192	176	P	S01	
38	U193	176	P	S01	
38	U194	176	P	S01	
38	U196	176	P	S01	
39	U197	176	P	S01	
39	U200	176	P	S01	
39	U201	176	P	S01	
39	U202	176	P	S01	
39	U203	176	P	S01	
39	U204	176	P	S01	
39	U205	176	P	S01	
39	U206	176	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, West (continued)					
39	U206	176	P	S01	
39	U207	176	P	S01	
39	U208	176	P	S01	
40	U209	176	P	S01	
40	U210	176	P	S01	
40	U211	176	P	S01	
40	U213	176	P	S01	
40	U214	176	P	S01	
40	U215	176	P	S01	
40	U216	176	P	S01	
40	U217	176	P	S01	
40	U218	176	P	S01	
40	U219	176	P	S01	
41	U220	176	P	S01	
41	U221	176	P	S01	
41	U222	176	P	S01	
41	U223	176	P	S01	
41	U225	176	P	S01	
41	U226	4,584	P	S01	
41	U227	176	P	S01	
41	U228	176	P	S01	
41	U234	176	P	S01	
41	U235	176	P	S01	
42	U236	176	P	S01	
42	U237	176	P	S01	
42	U238	176	P	S01	
42	U239	352	P	S01	
42	U240	176	P	S01	
42	U243	176	P	S01	
42	U244	176	P	S01	
42	U246	176	P	S01	
42	U247	176	P	S01	
42	U248	176	P	S01	
43	U249	176	P	S01	
43	U271	176	P	S01	
43	U278	176	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, West (continued)					
43	U237	176	P	S01	
44	U280	176	P	S01	
45	U328	176	P	S01	
46	U353	176	P	S01	
47	U359	176	P	S01	
48	U364	176	P	S01	
49	U367	176	P	S01	
50	U372	176	P	S01	
51	U373	176	P	S01	
52	U387	176	P	S01	
53	U389	176	P	S01	
54	U394	176	P	S01	
55	U395	176	P	S01	
56	U404	176	P	S01	
57	U409	176	P	S01	
58	U410	176	P	S01	
59	U411	176	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 54, Material Disposal Area H (Shaft 9)					
1	D003	15	P	D80	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 55					
	1	D 0 0 1	75,000	P	S 0 1
	2	D 0 0 2	150,000	P	S 0 1 S 0 2 T 0 4
	3	D 0 0 3	42,000	P	S 0 1
	4	D 0 0 4	5,000	P	S 0 1 S 0 2 T 0 4
	5	D 0 0 5	11,000	P	S 0 1 S 0 2 T 0 4
	6	D 0 0 6	400,500	P	S 0 1 S 0 2 T 0 4
	7	D 0 0 7	605,000	P	S 0 1 S 0 2 T 0 4
	8	D 0 0 8	900,000	P	S 0 1 S 0 2 T 0 4
	9	D 0 0 9	26,000	P	S 0 1 S 0 2 T 0 4
1	0	D 0 1 0	2,500	P	S 0 1 S 0 2 T 0 4
1	1	D 0 1 1	11,000	P	S 0 1 S 0 2 T 0 4
1	2	D 0 1 2	1,000	P	S 0 1 T 0 4
1	3	D 0 1 8	4,500	P	S 0 1 T 0 4
1	4	D 0 1 9	4,500	P	S 0 1 T 0 4
1	5	D 0 2 1	4,500	P	S 0 1 T 0 4
1	6	D 0 2 2	1,500	P	S 0 1 T 0 4
1	7	D 0 2 7	1,500	P	S 0 1 T 0 4
1	8	D 0 2 8	2,500	P	S 0 1 T 0 4
1	9	D 0 3 0	1,500	P	S 0 1 T 0 4
2	0	D 0 3 2	1,500	P	S 0 1 T 0 4
2	1	D 0 3 3	1,500	P	S 0 1 T 0 4
2	2	D 0 3 4	1,500	P	S 0 1 T 0 4
2	3	D 0 3 5	12,000	P	S 0 1 T 0 4
2	4	D 0 3 6	1,500	P	S 0 1 T 0 4
2	5	D 0 3 7	1,500	P	S 0 1 T 0 4
2	6	D 0 3 8	1,500	P	S 0 1 T 0 4
2	7	D 0 3 9	11,000	P	S 0 1 T 0 4
2	8	D 0 4 0	11,000	P	S 0 1 T 0 4
2	9	D 0 4 2	1,500	P	S 0 1 T 0 4
3	0	D 0 4 3	1,500	P	S 0 1 T 0 4
3	1	F 0 0 1	110,000	P	S 0 1
3	2	F 0 0 2	110,000	P	S 0 1
3	3	F 0 0 3	110,000	P	S 0 1
3	4	F 0 0 5	110,000	P	S 0 1
3	5	F 0 0 6	500	P	S 0 1
3	6	F 0 0 7	500	P	S 0 1

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 55 (continued)					
37	F009	500	P	S01	
38	P003	1,500	P	S01	
39	P012	1,500	P	S01	
40	P015	6,000	P	S01	
41	P029	1,500	P	S01	
42	P030	1,500	P	S01	
43	P031	1,500	P	S01	
44	P038	1,500	P	S01	
45	P056	3,000	P	S01	
46	P063	1,500	P	S01	
47	P068	1,500	P	S01	
48	P073	1,500	P	S01	
49	P076	1,500	P	S01	
50	P078	1,500	P	S01	
51	P095	1,500	P	S01	
52	P096	1,500	P	S01	
53	P098	1,500	P	S01	
54	P099	500	P	S01	
55	P106	1,500	P	S01	
56	P113	1,500	P	S01	
57	P120	1,500	P	S01	
58	U000	3,000	P	S01	
59	U002	1,500	P	S01	
60	U003	1,500	P	S01	
61	U012	1,500	P	S01	
62	U019	3,000	P	S01	
63	U022	1,500	P	S01	
64	U029	1,500	P	S01	
65	U031	1,500	P	S01	
66	U037	1,500	P	S01	
67	U044	1,500	P	S01	
68	U045	1,500	P	S01	
69	U052	1,500	P	S01	
70	U056	1,500	P	S01	
71	U057	1,500	P	S01	
72	U075	1,500	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 55 (continued)					
7 3	U 0 7 7	1,500	P	S 0 1	
7 4	U 0 8 0	6,000	P	S 0 1	
7 5	U 1 0 3	500	P	S 0 1	
7 6	U 1 0 8	1,500	P	S 0 1	
7 7	U 1 1 2	1,500	P	S 0 1	
7 8	U 1 1 5	1,500	P	S 0 1	
7 9	U 1 1 7	1,500	P	S 0 1	
8 0	U 1 2 1	1,500	P	S 0 1	
8 1	U 1 2 2	1,500	P	S 0 1	
8 2	U 1 2 3	1,500	P	S 0 1	
8 3	U 1 3 1	1,500	P	S 0 1	
8 4	U 1 3 3	1,500	P	S 0 1	
8 5	U 1 3 4	6,000	P	S 0 1	
8 6	U 1 3 5	1,500	P	S 0 1	
8 7	U 1 4 0	1,500	P	S 0 1	
8 8	U 1 4 4	1,500	P	S 0 1	
8 9	U 1 5 1	6,000	P	S 0 1	
9 0	U 1 5 4	6,000	P	S 0 1	
9 1	U 1 5 9	6,000	P	S 0 1	
9 2	U 1 6 0	1,500	P	S 0 1	
9 3	U 1 6 1	1,500	P	S 0 1	
9 4	U 1 6 5	1,500	P	S 0 1	
9 5	U 1 6 9	1,500	P	S 0 1	
9 6	U 1 8 8	1,500	P	S 0 1	
9 7	U 1 9 0	1,500	P	S 0 1	
9 8	U 1 9 6	1,500	P	S 0 1	
9 9	U 2 0 4	1,500	P	S 0 1	
10 0	U 2 1 0	6,000	P	S 0 1	
10 1	U 2 1 1	6,000	P	S 0 1	
10 2	U 2 1 3	1,500	P	S 0 1	
10 3	U 2 1 6	1,500	P	S 0 1	
10 4	U 2 1 8	1,500	P	S 0 1	
10 5	U 2 1 9	1,500	P	S 0 1	
10 6	U 2 2 0	6,000	P	S 0 1	
10 7	U 2 2 5	1,500	P	S 0 1	
10 8	U 2 2 6	6,000	P	S 0 1	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 55 (continued)					
10	U227	1,500	P	S01	
11	U228	1,500	P	S01	
11	U239	1,500	P	S01	
11	U246	1,500	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 63					
	1	D001	3,300	P	S01
	2	D002	3,950	P	S01
	3	D003	1,850	P	S01
	4	D004	25,250	P	S01
	5	D005	820	P	S01
	6	D006	5,150	P	S01
	7	D007	37,750	P	S01
	8	D008	54,000	P	S01
	9	D009	1,000	P	S01
1	0	D010	450	P	S01
1	1	D011	25,400	P	S01
1	2	D012	180	P	S01
1	3	D013	40	P	S01
1	4	D014	40	P	S01
1	5	D015	70	P	S01
1	6	D016	40	P	S01
1	7	D017	40	P	S01
1	8	D018	300	P	S01
1	9	D019	250	P	S01
2	0	D020	300	P	S01
2	1	D021	150	P	S01
2	2	D022	330	P	S01
2	3	D023	40	P	S01
2	4	D024	40	P	S01
2	5	D025	40	P	S01
2	6	D026	40	P	S01
2	7	D027	220	P	S01
2	8	D028	400	P	S01
2	9	D029	70	P	S01
3	0	D030	300	P	S01
3	1	D031	220	P	S01
3	2	D032	290	P	S01
3	3	D033	290	P	S01
3	4	D034	290	P	S01
3	5	D035	300	P	S01
3	6	D036	190	P	S01

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 63 (continued)					
37	D037	70	P	S01	
38	D038	140	P	S01	
39	D039	200	P	S01	
40	D040	250	P	S01	
41	D041	170	P	S01	
42	D042	220	P	S01	
43	D043	250	P	S01	
44	F001	64,100	P	S01	
45	F002	34,500	P	S01	
46	F003	28,500	P	S01	
47	F004	350	P	S01	
48	F005	32,500	P	S01	
49	F006	70	P	S01	
50	F007	180	P	S01	
51	F008	70	P	S01	
52	F009	80	P	S01	
53	F010	40	P	S01	
54	F011	40	P	S01	
55	F012	40	P	S01	
56	F019	40	P	S01	
57	F020	40	P	S01	
58	F021	40	P	S01	
59	F022	40	P	S01	
60	F023	40	P	S01	
61	F024	40	P	S01	
62	F025	40	P	S01	
63	F026	40	P	S01	
64	F027	40	P	S01	
65	F028	40	P	S01	
66	F032	40	P	S01	
67	F034	40	P	S01	
68	F035	40	P	S01	
69	F037	40	P	S01	
70	F038	40	P	S01	
71	F039	40	P	S01	
72	K044	220	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 63 (continued)					
7 3	K 0 4 5	40	P	S 0 1	
7 4	K 0 4 6	40	P	S 0 1	
7 5	K 0 4 7	40	P	S 0 1	
7 6	K 0 8 4	50	P	S 0 1	
7 7	K 1 0 1	50	P	S 0 1	
7 8	K 1 0 2	50	P	S 0 1	
7 9	P 0 0 1	40	P	S 0 1	
8 0	P 0 0 2	40	P	S 0 1	
8 1	P 0 0 3	40	P	S 0 1	
8 2	P 0 0 4	40	P	S 0 1	
8 3	P 0 0 5	40	P	S 0 1	
8 4	P 0 0 6	40	P	S 0 1	
8 5	P 0 0 7	40	P	S 0 1	
8 6	P 0 0 8	40	P	S 0 1	
8 7	P 0 0 9	40	P	S 0 1	
8 8	P 0 1 0	40	P	S 0 1	
8 9	P 0 1 1	40	P	S 0 1	
9 0	P 0 1 2	40	P	S 0 1	
9 1	P 0 1 3	40	P	S 0 1	
9 2	P 0 1 4	40	P	S 0 1	
9 3	P 0 1 5	40	P	S 0 1	
9 4	P 0 1 6	40	P	S 0 1	
9 5	P 0 1 7	40	P	S 0 1	
9 6	P 0 1 8	40	P	S 0 1	
9 7	P 0 2 0	40	P	S 0 1	
9 8	P 0 2 1	40	P	S 0 1	
9 9	P 0 2 2	40	P	S 0 1	
10 0	P 0 2 3	40	P	S 0 1	
10 1	P 0 2 4	40	P	S 0 1	
10 2	P 0 2 6	40	P	S 0 1	
10 3	P 0 2 7	40	P	S 0 1	
10 4	P 0 2 8	40	P	S 0 1	
10 5	P 0 2 9	40	P	S 0 1	
10 6	P 0 3 0	40	P	S 0 1	
10 7	P 0 3 1	40	P	S 0 1	
10 8	P 0 3 3	40	P	S 0 1	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 63 (continued)					
10	P034	40	P	S01	
11	P036	40	P	S01	
11	P037	40	P	S01	
11	P038	40	P	S01	
11	P039	40	P	S01	
11	P040	40	P	S01	
11	P041	40	P	S01	
11	P042	40	P	S01	
11	P043	40	P	S01	
11	P044	40	P	S01	
11	P045	40	P	S01	
12	P046	40	P	S01	
12	P047	40	P	S01	
12	P048	40	P	S01	
12	P049	40	P	S01	
12	P050	40	P	S01	
12	P051	40	P	S01	
12	P054	40	P	S01	
12	P056	40	P	S01	
12	P057	40	P	S01	
12	P058	40	P	S01	
13	P059	40	P	S01	
13	P060	40	P	S01	
13	P062	40	P	S01	
13	P063	40	P	S01	
13	P064	40	P	S01	
13	P065	40	P	S01	
13	P066	40	P	S01	
13	P067	40	P	S01	
13	P068	40	P	S01	
13	P069	40	P	S01	
14	P070	40	P	S01	
14	P071	40	P	S01	
14	P072	40	P	S01	
14	P073	40	P	S01	
14	P074	40	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 63 (continued)					
14	P075	40	P	S01	
14	P076	40	P	S01	
14	P077	40	P	S01	
14	P078	40	P	S01	
14	P081	40	P	S01	
15	P082	40	P	S01	
15	P084	40	P	S01	
15	P085	40	P	S01	
15	P087	40	P	S01	
15	P088	40	P	S01	
15	P089	40	P	S01	
15	P092	40	P	S01	
15	P093	40	P	S01	
15	P094	40	P	S01	
15	P095	40	P	S01	
16	P096	40	P	S01	
16	P097	40	P	S01	
16	P098	40	P	S01	
16	P099	40	P	S01	
16	P101	40	P	S01	
16	P102	40	P	S01	
16	P103	40	P	S01	
16	P104	40	P	S01	
16	P105	40	P	S01	
16	P106	40	P	S01	
16	P107	40	P	S01	
16	P108	40	P	S01	
16	P109	40	P	S01	
17	P110	40	P	S01	
17	P111	40	P	S01	
17	P112	40	P	S01	
17	P113	40	P	S01	
17	P114	40	P	S01	
17	P115	40	P	S01	
17	P116	40	P	S01	
17	P117	40	P	S01	
17	P118	40	P	S01	
17	P119	40	P	S01	
18	P120	40	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 63 (continued)					
18	P120	40	P	S01	
18	P121	40	P	S01	
18	P122	40	P	S01	
18	P123	40	P	S01	
18	P127	40	P	S01	
18	P128	40	P	S01	
18	P185	40	P	S01	
18	P188	40	P	S01	
18	P189	40	P	S01	
19	P190	40	P	S01	
19	P191	40	P	S01	
19	P192	40	P	S01	
19	P194	40	P	S01	
19	P196	40	P	S01	
19	P197	40	P	S01	
19	P198	40	P	S01	
19	P199	40	P	S01	
19	P201	40	P	S01	
19	P202	40	P	S01	
20	P203	40	P	S01	
20	P204	40	P	S01	
20	P205	40	P	S01	
20	U001	40	P	S01	
20	U002	70	P	S01	
20	U003	40	P	S01	
20	U004	40	P	S01	
20	U005	40	P	S01	
20	U006	40	P	S01	
20	U007	40	P	S01	
20	U008	40	P	S01	
20	U009	40	P	S01	
21	U010	40	P	S01	
21	U011	40	P	S01	
21	U012	40	P	S01	
21	U013	40	P	S01	
21	U014	40	P	S01	
21	U015	40	P	S01	
21	U016	40	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 63 (continued)					
21	U016	40	P	S01	
21	U017	40	P	S01	
21	U018	40	P	S01	
22	U019	40	P	S01	
22	U020	40	P	S01	
22	U021	40	P	S01	
22	U022	40	P	S01	
22	U023	40	P	S01	
22	U024	40	P	S01	
22	U025	40	P	S01	
22	U026	40	P	S01	
22	U027	40	P	S01	
22	U028	40	P	S01	
23	U029	40	P	S01	
23	U030	40	P	S01	
23	U031	40	P	S01	
23	U032	40	P	S01	
23	U033	40	P	S01	
23	U034	40	P	S01	
23	U035	40	P	S01	
23	U036	40	P	S01	
23	U037	40	P	S01	
23	U038	40	P	S01	
23	U039	40	P	S01	
24	U040	40	P	S01	
24	U041	40	P	S01	
24	U042	40	P	S01	
24	U043	40	P	S01	
24	U044	40	P	S01	
24	U045	40	P	S01	
24	U046	40	P	S01	
24	U047	40	P	S01	
24	U048	40	P	S01	
24	U049	40	P	S01	
25	U050	40	P	S01	
25	U051	40	P	S01	
25	U052	40	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 63 (continued)					
25	U053	40	P	S01	
25	U054	40	P	S01	
25	U055	40	P	S01	
25	U056	40	P	S01	
25	U057	40	P	S01	
25	U058	40	P	S01	
25	U059	40	P	S01	
26	U060	40	P	S01	
26	U061	40	P	S01	
26	U062	40	P	S01	
26	U063	40	P	S01	
26	U064	40	P	S01	
26	U065	40	P	S01	
26	U066	40	P	S01	
26	U067	40	P	S01	
26	U068	40	P	S01	
26	U069	40	P	S01	
27	U070	40	P	S01	
27	U071	40	P	S01	
27	U072	40	P	S01	
27	U073	40	P	S01	
27	U074	40	P	S01	
27	U075	40	P	S01	
27	U076	40	P	S01	
27	U077	40	P	S01	
27	U078	120	P	S01	
27	U079	40	P	S01	
28	U080	40	P	S01	
28	U081	40	P	S01	
28	U082	40	P	S01	
28	U083	40	P	S01	
28	U084	40	P	S01	
28	U085	40	P	S01	
28	U086	40	P	S01	
28	U087	40	P	S01	
28	U089	40	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 63 (continued)					
28	U091	40	P	S01	
29	U092	40	P	S01	
29	U093	40	P	S01	
29	U094	40	P	S01	
29	U095	40	P	S01	
29	U096	40	P	S01	
29	U097	40	P	S01	
29	U098	40	P	S01	
29	U099	40	P	S01	
29	U101	40	P	S01	
29	U102	40	P	S01	
30	U103	40	P	S01	
30	U105	40	P	S01	
30	U106	40	P	S01	
30	U107	40	P	S01	
30	U108	40	P	S01	
30	U109	40	P	S01	
30	U110	40	P	S01	
30	U111	40	P	S01	
30	U112	40	P	S01	
30	U113	40	P	S01	
31	U114	40	P	S01	
31	U115	40	P	S01	
31	U116	40	P	S01	
31	U117	40	P	S01	
31	U118	40	P	S01	
31	U119	40	P	S01	
31	U120	40	P	S01	
31	U121	40	P	S01	
31	U122	70	P	S01	
31	U123	40	P	S01	
32	U124	40	P	S01	
32	U125	40	P	S01	
32	U126	40	P	S01	
32	U127	40	P	S01	
32	U128	40	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 63 (continued)					
32	U 1 2 9	40	P	S 0 1	
32	6 U 1 3 0	40	P	S 0 1	
32	7 U 1 3 1	40	P	S 0 1	
32	8 U 1 3 2	40	P	S 0 1	
32	9 U 1 3 3	40	P	S 0 1	
33	0 U 1 3 4	120	P	S 0 1	
33	1 U 1 3 5	40	P	S 0 1	
33	2 U 1 3 6	40	P	S 0 1	
33	3 U 1 3 7	40	P	S 0 1	
33	4 U 1 3 8	40	P	S 0 1	
33	5 U 1 4 0	40	P	S 0 1	
33	6 U 1 4 1	40	P	S 0 1	
33	7 U 1 4 2	40	P	S 0 1	
33	8 U 1 4 3	40	P	S 0 1	
33	9 U 1 4 4	40	P	S 0 1	
34	0 U 1 4 5	40	P	S 0 1	
34	1 U 1 4 6	40	P	S 0 1	
34	2 U 1 4 7	40	P	S 0 1	
34	3 U 1 4 8	40	P	S 0 1	
34	4 U 1 4 9	40	P	S 0 1	
34	5 U 1 5 0	40	P	S 0 1	
34	6 U 1 5 1	70	P	S 0 1	
34	7 U 1 5 2	40	P	S 0 1	
34	8 U 1 5 3	40	P	S 0 1	
34	9 U 1 5 4	40	P	S 0 1	
35	0 U 1 5 5	40	P	S 0 1	
35	1 U 1 5 6	40	P	S 0 1	
35	2 U 1 5 7	40	P	S 0 1	
35	3 U 1 5 8	40	P	S 0 1	
35	4 U 1 5 9	40	P	S 0 1	
35	5 U 1 6 0	40	P	S 0 1	
35	6 U 1 6 1	40	P	S 0 1	
35	7 U 1 6 2	40	P	S 0 1	
35	8 U 1 6 3	40	P	S 0 1	
35	9 U 1 6 4	40	P	S 0 1	
36	0 U 1 6 5	40	P	S 0 1	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 63 (continued)					
36	U166	40	P	S01	
36	U167	40	P	S01	
36	U168	40	P	S01	
36	U169	40	P	S01	
36	U170	40	P	S01	
36	U171	40	P	S01	
36	U172	40	P	S01	
36	U173	40	P	S01	
36	U174	40	P	S01	
37	U176	40	P	S01	
37	U177	40	P	S01	
37	U178	40	P	S01	
37	U179	40	P	S01	
37	U180	40	P	S01	
37	U181	40	P	S01	
37	U182	40	P	S01	
37	U183	40	P	S01	
37	U184	40	P	S01	
37	U185	40	P	S01	
38	U186	40	P	S01	
38	U187	40	P	S01	
38	U188	40	P	S01	
38	U189	40	P	S01	
38	U190	40	P	S01	
38	U191	40	P	S01	
38	U192	40	P	S01	
38	U193	40	P	S01	
38	U194	40	P	S01	
38	U196	40	P	S01	
39	U197	40	P	S01	
39	U200	40	P	S01	
39	U201	40	P	S01	
39	U202	40	P	S01	
39	U203	40	P	S01	
39	U204	40	P	S01	
39	U205	40	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 63 (continued)					
39	U206	40	P	S01	
39	U207	40	P	S01	
39	U208	40	P	S01	
40	U209	40	P	S01	
40	U210	40	P	S01	
40	U211	40	P	S01	
40	U213	40	P	S01	
40	U214	40	P	S01	
40	U215	40	P	S01	
40	U216	40	P	S01	
40	U217	40	P	S01	
40	U218	40	P	S01	
40	U219	40	P	S01	
41	U220	70	P	S01	
41	U221	40	P	S01	
41	U222	40	P	S01	
41	U223	40	P	S01	
41	U225	40	P	S01	
41	U226	70	P	S01	
41	U227	40	P	S01	
41	U228	70	P	S01	
41	U234	40	P	S01	
41	U235	40	P	S01	
42	U236	40	P	S01	
42	U237	40	P	S01	
42	U238	40	P	S01	
42	U239	70	P	S01	
42	U240	40	P	S01	
42	U243	40	P	S01	
42	U244	40	P	S01	
42	U246	40	P	S01	
42	U247	40	P	S01	
42	U248	40	P	S01	
43	U249	40	P	S01	
43	U271	40	P	S01	
43	U278	40	P	S01	

7. Description of Hazardous Wastes (Enter codes for Items 7.A, 7.C and 7.D(1))

Line No.	A. EPA Hazardous Waste No.	B. Estimated Annual Qty of Waste	C. Unit of Measure	D. Processes	
				(1) Process Codes	(2) Process Description (if code is not entered in 7.D1))
Technical Area 63 (continued)					
43	U237	40	P	S01	
44	U280	40	P	S01	
45	U328	40	P	S01	
46	U353	40	P	S01	
47	U359	40	P	S01	
48	U364	40	P	S01	
49	U367	40	P	S01	
50	U372	40	P	S01	
51	U373	40	P	S01	
52	U387	40	P	S01	
53	U389	40	P	S01	
54	U394	40	P	S01	
55	U395	40	P	S01	
56	U404	40	P	S01	
57	U409	40	P	S01	
58	U410	40	P	S01	
59	U411	40	P	S01	

Attachment 3

Certifications

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

2/13/18

Michael T. Brandt, DrPH, CIH
Associate Director, Environment, Safety, and Health
Los Alamos National Security, LLC
Operator

Date Signed

2-14-18

William S. Goodrum
Manager, Los Alamos Field Office
National Nuclear Security Administration
U.S. Department of Energy
Owner/Operator

Date Signed

02/15/2018

Douglas E. Hintze
Manager, Los Alamos Field Office
Environmental Management
U.S. Department of Energy
Owner/Operator

Date Signed

ENCLOSURE 2

Written Agreement to Transfer Operational Responsibilities
Under the Hazardous Waste Facility Permit

ADESH:18-005

LA-UR-18-20227

Date: FEB 15 2018

AGREEMENT FOR TRANSFER OF HAZARDOUS WASTE FACILITY PERMIT RESPONSIBILITIES

WHEREAS, the New Mexico Environment Department (NMED) issued a Hazardous Waste Facility Permit (No. NM 0890010515) (Hazardous Waste Facility Permit) to the U.S. Department of Energy (DOE) and Los Alamos National Security, LLC (LANS) for the treatment and storage of hazardous waste at Los Alamos National Laboratory (LANL), Los Alamos, New Mexico;

WHEREAS, DOE is the owner and co-operator of LANL under the Hazardous Waste Permit; and LANS is the Management and Operating Contractor for LANL and a co-operator under the Hazardous Waste Facility Permit (jointly Permittees);

WHEREAS, DOE EM awarded the Los Alamos Legacy Cleanup Contract (LCCP) to Newport News Nuclear BWXT-Los Alamos, LLC (N3B) effective April 30, 2018, at which time N3B will become responsible for the management and operation of specified hazardous waste management units (HWMUs) located at Technical Area (TA) 54, Areas G, H and L that are regulated under the Hazardous Waste Permit;

WHEREAS, on February 16, 2018, the Permittees requested NMED approval to modify the Hazardous Waste Facility Permit as necessary to transfer operational control and responsibilities from LANS to the new co-operator and permittee (N3B) for designated HWMUs located at Technical Area (TA) 54, Areas G, H and L;

WHEREAS, 20.4.1.900 NMAC (incorporating 40 CFR § 270.40(b), *Transfer of Permits*) requires the submittal to NMED of a written agreement containing the specific date for transfer of permit responsibilities between the existing permittees (DOE and LANS) and the new co-operator and permittee (N3B);

NOW THEREFORE, in consideration of the above and in accordance with 20.4.1.900 NMAC (incorporating 40 CFR § 270.40(b)), DOE, LANS, and N3B agree as follows:

Effective April 30, 2018, all Hazardous Waste Facility Permit responsibilities to manage and operate specified HWMUs as identified in the permit modification request will transfer from LANS to N3B.

By: _____ Date: 2-14-18

William S. Goodrum
Manager, Los Alamos Field Office
National Nuclear Security Administration
U.S. Department of Energy

By: Douglas E Hintze Date: 02/15/2018

Douglas E. Hintze
Manager, Los Alamos Field Office
Environmental Management
U.S. Department of Energy

By: Date: 2/13/18

Michael T. Brandt, DrPH, CIH
Associate Director, Environment, Safety, and Health
Los Alamos National Security, LLC

By: Date: 2/15/2018

Nicholas N. J. ~~Nicolas~~ J. Lombardo
Program Manager
Newport News Nuclear BWXT-Los Alamos, LLC