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Date: MAR 1 4 2013
Refer To: ENV-RCRA-13-0055
LAUR: 13-21734

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

Dear Mr. Kieling:

SUBJECT: RESPONSE TO PUBLIC NOTICE NO. 13-01, NOTICE OF PUBLIC COMMENT PERIOD AND OPPORTUNITY TO REQUEST A PUBLIC HEARING FOR A CLASS 3 HAZARDOUS WASTE PERMIT MODIFICATION REQUEST FOR LOS ALAMOS NATIONAL LABORATORY, EPA ID NUMBER: NM0890010515

The purpose of this letter is to transmit the United States Department of Energy and Los Alamos National Security, LLC (Permittees) comments to the above referenced Notice dated January 14, 2013. Public Notice No. 13-01 announced the New Mexico Environment Department's (NMED's) intent, pending public input, to approve a Class 3 Permit Modification Request (PMR) originally submitted by the Permittees on August 18, 2011. The PMR asked to add the Technical Area (TA) 63 Transuranic Waste Facility (TWF) to the Los Alamos National Laboratory Hazardous Waste Facility Permit (Permit) pursuant to the New Mexico Hazardous Waste Act, NMSA 1978 §§74-4-1 through 74-4-14 and the New Mexico Hazardous Waste Management Regulations (20.4.1 NMAC). The draft permit modification included proposed text revisions to the Permit and a Fact Sheet.

This transmittal letter includes an enclosure that contains the Permittees' comments to the draft permit modification. The document is organized in two parts. The first part includes comments to three significant revisions included in the draft permit as proposed by NMED. The discussions for these revisions are included in a text format. The first part also includes a discussion of an equipment upgrade of the fire suppression system for the TWF container storage buildings. The second part of the document includes a table which describes subsequent specific comments by the

Permittees to the draft permit revisions. The enclosure additionally includes attachments as needed to support the discussions.

The Permittees believe these comments clarify the PMR, and that the proposed alternative text will facilitate issuance of a final permit that is fully protective of human health and the environment. To address significant and outstanding issues, however, the Permittees request that a hearing be scheduled pursuant to 20.4.1.901.A.4. DOE and LANS hope to reach resolution with NMED in advance of a hearing and, if successful, will immediately withdraw the hearing request.

If you have comments or questions regarding this permit modification, please contact Gene E. Turner at (505) 667-5794 or Mark P. Haagenstad, at (505) 665-2014.

Sincerely,

A R Grieggs

Anthony R. Grieggs
Group Leader
Water Quality & RCRA Group (ENV-RCRA)
Los Alamos National Security, LLC

Sincerely,

Gene E Turner

Gene E. Turner
Environmental Permitting Manager
Environmental Projects Office
Los Alamos Field Office
U.S. Department of Energy

ARG:GET:MPH:GB/lm

Enclosures: (1). Permittees Comments on the Revised Draft Permit for the TA-63 Transuranic Waste Facility Los Alamos National Laboratory

Cy: Laurie King, USEPA/Region 6, Dallas, TX, w/enc.
Tim Hall, NMED/HWB, Albuquerque, NM, w/enc.
Juan L. Griego, NA-OO-LA, w/o enc., (E-File)
Peter Maggiore, NA-OO-LA, w/o enc., (E-File)
Gene E. Turner, NA-OO-LA, w/o enc., (E-File)
Carl A. Beard, PADOPS, w/o enc., A102
Michael T. Brandt, ADESH, w/o enc., (E-File)
Jeffrey D. Mousseau, ADEP, w/o enc., (E-File)
Alison M. Dorries, ENV-DO, w/o enc., (E-File)
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Gregory B. Juerling, MOF-PM2, w/o enc., (E-File)
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This transmittal letter includes an enclosure that contains the Permittees' comments to the draft permit modification. The document is organized in two parts. The first part includes comments to three significant revisions included in the draft permit as proposed by NMED. The discussions for these revisions are included in a text format. The first part also includes a discussion of an equipment upgrade of the fire suppression system for the TWF container storage buildings. The second part of the document includes a table which describes subsequent specific comments by the

March, 2013
LA-UR-13-21734

PERMITTEES COMMENTS ON THE REVISED DRAFT PERMIT FOR THE TA-63 TRANSURANIC WASTE FACILITY LOS ALAMOS NATIONAL LABORATORY

Prepared by:

Los Alamos National Laboratory
Water Quality & Resource Conservation and Recovery Act Group
Los Alamos, New Mexico 87545

PERMITTEES COMMENTS ON THE REVISED DRAFT PERMIT FOR THE TA-63 TRANSURANIC WASTE FACILITY LOS ALAMOS NATIONAL LABORATORY

PART 1

I. Introduction

This document provides comments for the draft permit modification to the Hazardous Waste Facility Permit (Permit) for Los Alamos National Laboratory (LANL) to add the Technical Area 63 (TA-63) Transuranic Waste Facility (TWF). The New Mexico Environment Department-Hazardous Waste Bureau (NMED-HWB) proposed to approve the permit modification pursuant to the New Mexico Hazardous Waste Act, NMSA 1978 §§74-4-1 through 74-4-14 and the New Mexico Hazardous Waste Management Regulations (20.4.1 NMAC). The proposed draft permit modification was released on January 14, 2012 including proposed text revisions to the Permit and a Fact Sheet. The LANL Permit is issued to the United States Department of Energy (DOE), the owner and co-operator of LANL, and Los Alamos National Security, LLC (LANS), cooperator of LANL (collectively described as the Permittees).

This document is organized in two parts. The first part includes the Permittees' comments to three significant revisions included in the draft permit as proposed by NMED-HWB. The discussions for these revisions are complicated and are included in a text format. The first part also includes a discussion of a relatively minor equipment upgrade for the TWF container storage buildings. The second part of the document includes a table that illustrates specific comments by the Permittees to the draft permit revisions.

This document also includes attachments where needed to support the discussions. In some cases, this document references the points itemized in the Fact Sheet provided by the NMED-HWB at the beginning of the public comment period. The most recent version of the TWF Permit Modification Request (PMR)(LANL,2012d) is also referenced throughout this submittal.

II. Soil Vapor Monitoring Well Network

A. New Monitoring Network Requirements

The NMED-HWB proposes significant and extensive new requirements relating to soil vapor monitoring for Material Disposal Area (MDA) C at draft Permit Section 3.14.3 and Attachment A.6.10. In July 2012, the Permittees voluntarily proposed to conduct soil vapor-monitoring to provide additional characterization information and to enhance the ability to detect vapor plume constituents at MDA C by installing two new vapor-monitoring wells and using data from an existing well. Permittees' proposed this well-monitoring program in Comment 30 of the

Response to Notice of Disapproval including Figure 4-2 in Attachment E specifically as part of LANL's Corrective Action Program because the MDA C vapor plume is the source of potential soil vapor constituents at TWF (see *Response to the Disapproval, TA-63 Transuranic Waste Facility Permit Modification Request, Revision 1.0, Los Alamos National Laboratory*, dated July 12, 2012 (LANL, 2012b). The MDA C vapor monitoring program was also described in Section 4.2.2, Corrective Action, of Revision 1.0 of the PMR (LANL, 2012a). In the draft Permit, the NMED-HWB moved these requirements from the corrective action portion of the PMR, created new Permit Section 3.14.3, and added the following new requirements: (1) the installation of a total of five (5) (i.e., three additional) new vapor-monitoring wells, (2) additional sampling requirements, (3) required methodology to determine soil gas screening levels, (4) additional actions if constituents in the vapor-monitoring wells are detected that exceed screening levels; and (5) significant consequences (including cessation of TWF operations) if the additional actions cannot be completed.

For the reasons set forth below, the Permittees respectfully do not agree that these additional requirements at Section 3.14.3 are technically supported or appropriate under NMED's regulations. First, the NMED-HWB's record (including the Fact Sheet) contains no technical basis to justify the imposition of these new permit requirements which will entail numerous additional and costly soil vapor-monitoring well requirements. Indeed, the Agency did not provide the Permittees' any prior notice of these new conditions before issuance of the draft Permit in contravention of its own rules. Second, the Permittees are fully committed and agree with the need to continue monitoring the MDA C vapor plume, including specifically, the evaluation of whether plume migration would result in potential exposure to workers requiring remediation. The Permittees believe, however, that the appropriate mechanism to accomplish any corrective actions is through the 2005 Compliance Order on Consent ("Consent Order") corrective action processes. The most recent sampling and data interpretation conducted under Consent Order investigations concluded that the MDA C vapor plume does not pose a threat to the health of LANL workers nor will it pose a threat to workers during construction of the proposed facilities. Under these facts, there is no technical support to include the additional and costly proposed requirements for soil vapor-monitoring at MDA C associated with the TWF.

B. Overall Issues with Draft Permit Section 3.14.3

1. The Investigation of the MDA C Vapor Plume Is Regulated Under the Consent Order.

In order to impose these new Resource Conservation and Recovery Act (RCRA) permit conditions, the NMED-HWB must technically justify how these requirements are necessary to achieve compliance with specific requirements under 40 CFR Part 264, and further, the new RCRA permit requirements cannot duplicate or conflict with the Consent Order. The Consent Order specifically states that it is the "sole" mechanism and only enforceable document for establishing and enforcing corrective action requirements for Solid Waste Management Units (SWMUs) and Areas of Concern (AOCs) at LANL (Consent Order, Section III.W.2). The Consent Order also states that the "RCRA permit will not include any corrective action requirements, nor any other requirement that is duplicative of the Consent Order (Section III.W.4)." Section 11.1 of the revised Permit is consistent with the Consent Order and states that

NMED and the Permittees have agreed to the Consent Order which requires the Permittees to conduct corrective action at all SWMUs and AOCs at LANL to fulfill the requirements of 40 CFR §264.101. The Consent Order is an enforceable document pursuant to 40 CFR §264.90(f), §264.110(c), and as defined in 40 CFR §270.1(c)(7).

Under the Consent Order, MDA C is designated as SWMU 50-009 and is required to be investigated and, as necessary, remediated pursuant to the New Mexico Hazardous Waste Act and RCRA. Pursuant to the Consent Order investigations, LANL determined that the MDA C vapor plume represents a "release from the SWMU" and is subject to the corrective action processes under the Consent Order. The Consent Order includes specific corrective action requirements for the MDA C vapor plume including site investigation of the release of hazardous constituents in soil vapor from MDA C and risk evaluations to determine whether or not there is a substantiated risk to human health and the environment. The potential remediation of the plume may also remove or minimize that assessed risk from the release. For example, a remediation option such as soil vapor extraction may significantly reduce or eliminate the source of the soil gas vapor at the site. Based on this process, the Permittees completed Consent Order investigation activities for MDA C and in September 2012 submitted for NMED approval, a Corrective Measures Evaluation report (LANL, 2012c) to NMED that presents a recommended remediation alternative for the site.

For these reasons, the draft Permit Section 3.14.3 requirement for soil vapor monitoring at MDA C is duplicative and in conflict with the established Consent Order process. MDA C is the source of the vapor plume – this existing plume could not represent a "release" from waste management activities at TWF. As such, any requirement for soil vapor-monitoring wells in the Permit must necessarily be regulated under the Consent Order as the Permittees included at TWF PMR (LANL, 2012b) Section 4.2.14 (which specifically acknowledged that this monitoring and any potential remediation of the MDA C soil vapor monitoring plume would be addressed in the Consent Order). This monitoring, in turn, will determine whether the plume necessitates remediation to address any potential to worker safety at TWF.

The discussion below summarizes the history of investigation for the MDA C and the determination of potential risk to workers as it has related to the TWF PMR.

2. Consent Order Investigations and History of MDA C

On July 15, 2011, the *Phase III Investigation Report for Material Disposal Area C, Solid Waste Management Unit 50-009 at Technical Area 50* (Phase III IR) (EP2011-0223) (LANL, 2011b) was submitted by LANL to the NMED and subsequently approved by the NMED on December 8, 2011. The report discussed the sampling performed to define a vapor plume made up of volatile organic compounds (VOCs) beneath MDA C. In particular, the concentration data for the most prevalent VOC, trichloroethylene (TCE), was modeled to illustrate the shape and extent of the vapor plume. The model indicated that the boundary of the soil vapor plume extended to a position under the proposed TWF site.

The Phase III IR incorporated the results of the human-health risk screening evaluation presented in the October 2009 Phase II investigation report for MDA C (LANL, 2009). This evaluation

concluded that contaminant releases from MDA C did not pose an unacceptable risk to human health under current conditions. The risk screening evaluation identified work exposure to vapor-phase contaminants from MDA C as a potentially complete exposure pathway but characterized the resulting risk as very low. The potential for exposure of LANL workers in the vicinity of MDA C to unacceptable concentrations of contaminants from the vapor plume was subsequently evaluated in more detail in response to comments from the public. The mean subsurface vapor concentrations of all the constituents in the plume were compared to the time-weighted threshold limit values (TLVs) defined by the American Conference of Governmental Industrial Hygienists (ACGIH). The time-weighted average TLV represents the level to which it is believed a worker can be exposed daily during an entire career, based on an 8 hour day and 40 hours worked each week, without adverse health effects. The TLVs are guidelines that the ACGIH considers to be either as or more protective than the regulatory limits set by the Occupational Health and Safety Administration (OSHA). Pursuant to 10 CFR §851.23(a)(9)[1], the ACGIH TLVs (2005 edition) are applicable standards for protection of workers at LANL.

A total of 28 VOCs were detected in samples from the most recent sampling event reported in the Phase III IR. The maximum concentration of each constituent was compared to its respective TLV and only TCE exceeded its TLV. The maximum of the two-year average vapor-phase concentrations of all detected constituents were also compared to their respective TLVs and only TCE exceeds its TLV. The TLV for airborne TCE is 10 parts per million (ppm), a standard that is more stringent than OSHA's permissible exposure limit of 100 ppm. Based on two years of averaged quarterly vapor monitoring, TCE concentrations at MDA C exceed the TLV at depths of 200 to 300 feet below ground surface, with a maximum of 118% of the TLV. However, TCE concentrations have been determined to be significantly lower than the TLV at the ground surface and at 20 feet below the surface. This distribution of concentrations is consistent with the conceptual model presented in the Phase III IR. As described by this conceptual model, vapors are transported by diffusion radially outward from the center of the plume, resulting in concentration gradients with concentrations decreasing with distance from the center of the plume.

LANL presented the results of this evaluation in a supplementary report describing the nature and extent of the MDA C vapor plume situated near the proposed TWF waste management site. This supplementary report was included as Attachment D of the *Response to Notice of Deficiency Administrative Completeness and Fee Assessment, TA-63 Transuranic Waste Facility Permit Modification Request* of April 16, 2012 (LANL, 2012a). The report was titled "*The Vapor Plume at Material Disposal Area C in Relation to Pajarito Corridor Facilities*." The report used a series of maps and cross sections illustrating the modeled concentrations of TCE to address public concerns raised about the proximity of the vapor plume at MDA C in a public

[1]" …(a) Contractors must comply with the following safety and health standards that are applicable to the hazards at their covered workplace: …(9) American Conference of Governmental Industrial Hygienists (ACGIH), "Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices," (2005) (incorporated by reference, see § 851.27) when the ACGIH Threshold Limit Values (TLVs) are lower (more protective) than permissible exposure limits in 29 CFR 1910. When the ACGIH TLVs are used as exposure limits, contractors must nonetheless comply with the other provisions of any applicable expanded health standard found in 29 CFR 1910…"

information meeting for the TWF on August 10, 2012. The report concluded that sampling and data interpretation indicate that the vapor plume does not pose a threat to the health of LANL workers nor will it pose a threat to workers during construction of the proposed facilities. The public cannot be directly exposed to the vapor plume beneath MDA C because the plume is located in an area of the Laboratory that is closed to the public.

On May 24, 2012, the NMED-HWB issued a Disapproval letter (NMED, 2012b) for the TWF review that included comments regarding the MDA C plume. These included a requirement to "propose the installation of a monitoring network capable of detecting contaminant migration toward the TWF from the MDA C vapor plume in order to prevent completion of exposure pathways to the TWF structures or other potential receptor locations..." The Disapproval also included several comments related to the Attachment D report. These included a critique of the application of average data concentration values for evaluating the TLV concentrations rather than maximum values, the absence of more recent sampling data, and discussion of surface concentrations of VOCs that did not correspond with subsurface data. Significantly, the Disapproval did not provide comments regarding whether the use of TLV concentrations was inappropriate. Nor did the Disapproval suggest the proposal of additional elements such as subsequent actions if the monitoring network indicated TLVs were exceeded. The Disapproval notice also examined the vapor plume discussion from the point of view of the application of the model for the entire area rather than extrapolating the specific effects at the TWF location on the border of the plume.

As discussed above, in July 2012, the Permittees proposed a soil vapor monitoring network with two new wells and an existing MDA C monitoring well to detect MDA C vapor plume constituents (see Comment 30, *Response to the Disapproval*, (LANL 2012b)). The new wells were proposed to be situated in the area north of Puye Road in order to place them between the central source in the MDA C vapor plume and the nearest boundaries of the TWF. Consistent with the conceptual model presented in the Phase III IR, the locations were to provide monitoring data in-line with the source of the vapor plume and potential receptor sites at the TWF to meet the requirement for a monitoring network capable of detecting contaminant migration toward the TWF from the MDA C vapor plume. The use of the existing well was proposed to provide data closer to the soil vapor source and supplement investigation of the expected concentration gradient. The Permittees proposed 25 and 60 foot sampling depths and six month sampling intervals to be consistent with MDA C corrective action schedules. They also requested a meeting with the NMED-HWB to further discuss details of the soil vapor monitoring network. This request was repeated in a subsequent letter submittal of December 6, 2012 (LANL, 2012e). The NMED-HWB did not respond to the requests for additional discussion.

Subsequent to submittal of the Phase III IR, LANL conducted two additional vapor monitoring events at MDA C. Results from the first of these events, conducted in March and April 2012, were included in the Corrective Measures Evaluation report for MDA C, submitted to the NMED on September 28, 2012 (LANL, 2012c). Results from the most recent event, conducted in October and November 2012, are presented in Attachment 1 of this submittal. These results show a general decrease in concentrations from the previous event. No VOC concentrations from the most recent event exceeded TLVs.

3. The Permit Conditions Duplicate and Conflict with OSHA Worker Safety Standards.

The required actions contained in draft Permit Section 3.14.3 are duplicative and redundant with industrial hygiene programs that will be applied for worker protection at the TWF. LANL implements OSHA worker protection requirements as contained in 29 CFR Part 1910, including 1910.94 Ventilation, 1910.120 Hazardous Waste Operations, and 1910 Subpart Z Toxic and Hazardous Substances, as applicable. These include a safety and health program for employee protection that includes site analysis, potential engineering controls, and maximum exposure limits. As stated previously, 10 CFR Part 851, Worker Safety and Health Program, for DOE sites requires and establishes the use of the ACGIH TLVs for determining worker protection standards and occupational exposure levels at 10 CFR §851.23. Additionally, 29 CFR §1910.120(a)(2)(iii)(A) states that the provisions for operations conducted under RCRA (paragraph (p)) apply to "..any treatment, storage or disposal (TSD) operation regulated by 40 CFR parts 264 and 265 or by state law authorized under RCRA, and required to have a permit or interim status from EPA (*sic.*, U.S. Environmental Protection Agency) pursuant to 40 CFR §270.1 or from a state agency pursuant to RCRA…."

4. NMED-HWB Does Not Provide Sufficient Technical Support In its Record to Justify Imposition of Three New Monitoring Wells or to Support Additional Requirements in Draft Permit Section 3.14.3.

The NMED rules require that if HWB intends to impose permit conditions in a draft permit upon an applicant, it must be based on the record and be accompanied by a fact sheet to the draft permit that explains the significant factual, legal and methodological issue in the draft permit, and including a summary of the basis for the draft permit conditions including references to applicable statutory or regulatory provision (20.4.901.D NMAC, incorporating 40 CFR §124.8). The purpose of this requirement, as explained by the EPA, is to "provide a mechanism that helps the permittee and other interested parties understand how and why limits, conditions, and requirements" are derived and to ensure meaningful public comment. In its fact sheet, the NMED-HWB justifies the imposition of the new Permit Section 3.14.3 based on the following:

> *NMED has proposed requirements … to install a subsurface vapor monitoring network consisting of a minimum of five vapor monitoring wells between MDA-C and the buildings located within the TWF facility to evaluate for vapor-phase contaminants that may migrate from MDA-C. The purpose of the vapor monitoring network is to prevent worker exposure to potentially harmful levels of volatile organic compounds and tritium at TWF. NMED has also proposed language in Permit Section 3.14.3 requiring baseline sampling, a schedule of ongoing sampling, a method for calculating action levels, and actions the Permittees must take if constituents are detected above any of the action levels*.

These three sentences fall far short of providing the Permittees sufficient detail to understand the technical basis of the new requirements. Merely stating that the NMED-HWB requires "five" soil vapor-monitoring wells to be installed without any justification or explanation as to why the

"two" that were proposed were insufficient makes it impossible to provide meaningful comment. In addition, NMED-HWB does not indicate or explain how these activities would not conflict with ongoing activities under the Consent Order related to the MDA C vapor plume. Likewise, no technical explanation is provided for imposing enforceable permit conditions requiring imposition of SGSLs or criteria developed from guidance documents, as discussed below, that address technically different circumstances.

C. Specific Issues with Draft Permit Section 3.14.3

The following discussion addresses specific concerns with draft Permit Section 3.14.1, in the order presented in the section.

1. Tritium Monitoring

The second sentence of draft Permit Section 3.14.3 states that "[t]he Permittees shall monitor subsurface vapors to prevent worker exposure to potentially harmful levels of volatile organic compounds and tritium." This permit condition represents a change in the stated purpose of the monitoring network compared to the stated purpose originally presented in the NMED-HWB Disapproval discussion. As stated above, the Permittees do not oppose the goal for the purpose of the TWF project but the original proposal for the monitoring well network was seen as providing additional information regarding characterization of the site and assessment of the vapor plume rather than to specifically prevent worker exposure. Additionally, the inclusion of tritium as a constituent of concern as a RCRA permit condition is problematic. The presence of tritium in the plume is a result of releases from the MDA C SWMU rather than from waste management activities at the TWF. Tritium is not a RCRA regulated hazardous waste component. It is DOE policy to provide radionuclide data from investigations of SWMUs or AOCs as part of corrective action activities on a voluntary basis. Including this as a permit condition for a permitted hazardous waste management unit under the RCRA permit is not appropriate. This condition supports the need for coordination between the SWMU investigation activities at MDA C and TWF activities rather than as a separate permit condition.

Draft Permit Section 3.14.3 also refers to tritium as a "radionuclide tracer." While tritium may be a conservative tracer for certain contaminants being transported advectively in solution, it is not an effective tracer for transport by vapor diffusion. Vapor phase tritium (as tritiated water vapor) diffuses through vadose zone pore spaces more slowly than VOCs because it equilibrates with water in the pore space as it diffuses. Therefore, tritium would not arrive at the proposed vapor-monitoring wells sooner than VOCs, would not be an effective tracer, and there would be no benefit from monitoring for tritium for this purpose.

2. Threshold Concentration Values

Draft Permit Section 3.14.3 requires the Permittees to submit a "vapor monitoring work plan" to NMED-HWB for approval within 90 days after the effective date of the permit modification approval. An initial sampling schedule is set for two sampling activities within 15 and 60 days to establish baseline conditions in the vicinity of the TWF. The section establishes enforceable

soil gas screening levels for all vapor phase constituents detected in the subsurface at MDA C. Action levels for these constituents are set for the lowest permissible Soil Gas Screening Levels (SGSLs). SGSL values are required to be calculated using EPA's risk-based indoor air screening levels for industrial workers (IARLs) and attenuation factors that are calculated as described in EPA's "User's Guide for Evaluating Subsurface Vapor Intrusion Into Buildings" (USEPA, 2004) and the State of California Department of Toxic Substances Control Vapor Intrusion Guidance (DTSC, 2011). The IARLs represent the maximum acceptable concentration to which industrial workers may be exposed and the attenuation factors represent the amount of attenuation/dilution that occurs from the point of measurement (i.e., the monitoring well) to the point of exposure (i.e., inside the building).

The Permittees do not believe that the incorporation of criteria from both the EPA and California guidance documents is appropriate to establish enforceable permit conditions under these circumstances. First, neither of these guidance documents suggests or supports the use of the methodology proposed as an enforceable RCRA permit condition. Second, both guidance documents contain specific and various disclaimers for their potential use in evaluating soil vapor intrusion effects. For example, the EPA guide suggests that the presented model be used for locations at RCRA corrective action sites, Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)/Superfund sites, and voluntary cleanup sites (Section 5). It also states that the guidance does not impose any requirements or obligations on the owners/operators of sites that may be contaminated and that the sources of authority and requirements for addressing subsurface vapor intrusion are the applicable and relevant statutes and regulations (page ii). The target concentrations for TCE, the main constituent of concern for MDA C, are subject to change and should be considered provisional values (page ix). The State of California guidance document states that the use of the guidance is "optional" as other technically sound approaches may be available and goes on to say that the guidance is not a regulation and does not impose any requirements or obligations on the regulated community (page 1).

Third, NMED-HWB has not previously expressed concerns with the use of the ACGIH TLV standards for determining whether unacceptable exposure to workers in the vicinity of the MDA C corrective action site is occurring. The Disapproval Notice of May 24, 2012 did not question the use of the TLV values for plume exposure evaluation but only the concentration values used as data for the subsequent modeling. Finally, as stated in the overall major concerns, NMED-HWB provides no technical basis or justification for imposing SGSLs based on IARLs rather than established occupational exposure standards. Neither the Fact Sheet nor any prior written document contains any technical or regulatory basis for including this as an enforceable permit condition.

3. Additional Actions

Draft Permit Section 3.14.3, last paragraph, contains additional actions the Permittees must take if constituents are detected above the action levels (i.e., lowest permissible SGSLs). These include notification of NMED-HWB within 24 hours of detection, continuous indoor air monitoring within all buildings of the TWF, adequate ventilation, worker respiratory protection,

and worker exposure interim measures. If these additional actions cannot be complied with, operations at the TWF must cease until soil vapor levels decrease below the action levels.

One major problem with the additional actions appears to reside in the condition that triggers the actions. Although the SGSL calculations include attenuation factors that define the ratio of the concentration in the work place to the concentration at the point of measurement, these attenuation factors are based on a number of assumptions that may not be appropriate for a facility such as TWF or relevant to the specific site. The only action that should reasonably be triggered by detection of a VOC in a vapor-monitoring well in excess of a SGSL should be to institute indoor air monitoring to determine the actual concentration to which workers are being exposed. Any further actions should be directed based on actual indoor air concentrations, in accordance with industrial hygiene practices.

Additionally, the inclusion of permit requirements for actions to be taken in the event SGSLs are exceeded appears to establish corrective action requirements in the permit for releases of hazardous constituents from a SWMU. That is, a major option for reducing the concentration levels of detected VOCs would be remediation of the source. As discussed previously, this would be inconsistent with Section III.W.2 of the Consent Order. Any potential corrective actions resulting from monitoring the MDA C plume must be directed through the Consent Order rather than the permit.

D. Phased Approach to Monitoring and Subsequent Actions

For the above reasons, the Permittees request that the NMED-HWB incorporate its proposed language for soil-vapor monitoring as described in Comment 30 of the July 12, 2012 Response to Notice of Disapproval (LANL 2012b) with the following changes: the Permittees will implement the soil vapor monitoring network as a *phased approach* and in coordination with the corrective action activities associated with SWMU 50-009. In the first phase, two soil vapor monitoring wells will be installed at the locations shown for Wells VMW-4 and VMW-5 on the west side of Puye Road as shown in Figure 56, Permit Attachment N, *Figures,* of the Draft Permit. Initial sampling for the newly installed wells shall occur within 30 days after installation, and will be used to establish subsurface baseline conditions in the vicinity of the TWF. Soil vapor concentrations of the constituents in the plume will be compared to the TLVs defined by the ACGIH, and samples results will be used to indicate the potential for worker exposure.

Sampling activities would be coordinated with the sampling conducted under the provisions of the corrective action program at MDA C. This would prevent duplication of effort and ensure that any data collected is assessed in coordination with the existing corrective action program and in reference to the site concentration model. The sampling schedule would therefore be on the current corrective action program six month sampling approach rather than the accelerated schedule suggested in the proposed Permit Section 3.14.3.

A second phase will be triggered if TLV concentrations are exceeded in either of the two new wells proposed by the Permittees. In this event, this may indicate a higher potential for worker exposure to soil vapor VOCs down gradient at the TWF. As previously described, VOCs are

diffusively transported from locations of high concentration (i.e., beneath MDA C) to locations of low concentration. Therefore, from a technical standpoint it is clear that concentrations in excess of TLV action levels would be detected at the two new wells proposed by the Permittees *before* they would be detected under the location of the TWF. If VOCs are detected at the two new wells proposed by the Permittees but do not exceed TLV values, worker exposure at TLV or higher levels would not reasonably be expected at the TWF locations further from the vapor source. For this reason, there is no basis to require the construction of additional costly wells as suggested by NMED-HWB.

In the second phase, if the TLV concentrations are exceeded as described above, the TWF would be required to comply with and implement worker protection standards under OSHA (29 CFR 1910) and DOE Rules (10 CFR 851). These requirements would necessarily duplicate many of the proposed permit conditions suggested by NMED-HWB in the new permit section: the requirement to conduct continuous indoor air monitoring at the TWF; provide adequate ventilation; and specific OSHA-driven requirements for workers to utilize appropriate respirator protection along with interim measures. For these reasons, the Permittees have suggested a revision to the Permit condition to provide NMED-HWB a written notice within 5 days; however, the remaining draft provisions have been deleted. The technical and regulatory basis for deleting the NMED-HWB provisions is that in the event of a TLV exceedance, the appropriate legal and regulatory mechanism to require specific measures to protect worker safety at TWF is pursuant to OSHA and DOE authorities and standards, and not this RCRA Permit.

E. Conclusion

For the reasons stated above, the Permittees respectfully propose that NMED-HWB approve the soil vapor monitoring network as described in the TWF Response to Notice of Disapproval (LANL, 2012b) with the changes described above. Specific language changes are described in the table contained in Part 2 of this submittal.

III. Retention Basin Sampling and Analysis

The NMED-HWB has added additional permit conditions to draft Permit Section 3.14 for management of storm water, and potentially liquid hazardous waste, collected by the TA-63 TWF Retention Basin including characterizing the retention basin as secondary containment, requiring facility inspections, decontamination provisions in the event of a release, and evaluating storm water collected in the retention basin prior to release under the Multi-Sector General Permit For Stormwater Discharges Associated with Industrial Activity (MSGP) for the facility. LANL is in substantive agreement with the retention basin management procedures with several reservations. Based on these, several text revisions are suggested. The major issue is to clearly define that the conditions of this paragraph are contingent upon the presence of hazardous waste constituents subject to Permit Attachment D (Contingency Plan) including releases from the waste containers due to fires, spills, or explosions, non-sudden releases, or are residual hazardous waste constituents that have not been decontaminated.

As stated in several sections of the TWF PMR, the primary waste management procedures to prevent the potential release of liquids from the TWF include the waste acceptance criteria for the unit, the use of secondary containment pallets for storage of containers with liquid waste, and the approved provisions of the Contingency Plan in the Permit.

TWF PMR Section 2.2.7.5, *Free Liquid Restrictions*, presented the waste acceptance criteria for the unit. The primary purpose of the TWF is to store waste containers that meet the Waste Isolation Pilot Plant, Carlsbad (WIPP) Waste Acceptance Criteria (WAC). Waste containers received from the generators are assessed against that criteria including pre-acceptance inspection and, ultimately for potential liquid waste items, the waste characterization performed at the unit by the Real Time Radiography (RTR) characterization trailer. In some cases, liquid waste items will be in smaller containers enclosed within the drums, thus providing inherent containment within the larger drums or other containers. Waste containers with liquids will therefore represent only a small percentage of the waste stored at the TWF. The section also states that secondary containment pallets will always be used for liquid containing waste. This condition represents the required level of secondary containment for these wastes in accordance with Permit Section 3.7 and 40 CFR§ 264.175(b). Therefore, LANL is suggesting the deletion of text (see Comment 5 below) that erroneously implies the retention basin represents the main secondary containment provision to meet the Permit condition for containers in storage at the TWF. As allowed within Permit Section 3.7, waste containers in the waste characterization trailers will be actively managed and not be stored long enough (e.g., overnight) to require containment requirements short of a spill. Draft Permit Section 3.14.1(1) contains conditions for these procedures. These waste management procedures were also described in the TWF PMR Sections 2.5.4 and 2.3 referencing Permit Section 3.7.

Draft Permit Section 3.14.2 states that decontamination of the retention basin will be subject to the provisions of Permit Attachment D, Contingency Plan. This permit condition is vague and should be tied to an instance of implementation of the Contingency Plan. It should not be assumed that all liquid that enters the basin is contaminated by hazardous waste constituents, if there is no reasonable explanation as to how the liquid has come into contact with the waste. In the event of a potentially contaminating incident at the facility (e.g., spills), the Contingency Plan requires that the site be decontaminated by removal of all contaminated material. It specifies cleanup procedures, sampling, and verification of decontamination up to and including replacement of contaminated surfaces. Therefore, LANL is proposing additional description of the Contingency Plan provisions in draft Permit Section 3.14.2 as described in Comment 8 below.

The NMED-HWB also proposed language in Permit Part 3 that requires the Permittees to do a more complete evaluation, including sampling and analysis if necessary, to determine whether or not storm water collected in the retention basin is contaminated with hazardous constituents. If the storm water is not a hazardous waste and it meets the clean-up requirements in Permit Section 11.4.3, the Permittees will manage the storm water in accordance with the MSGP. The need for this requirement should not be triggered unless there is a contamination event as discussed earlier in the proposed section in the sentence in the first paragraph of draft Permit Section 3.14.2.(1) that states: “If the run-off is known to be or potentially contaminated with hazardous waste constituents, it shall be sampled.”

As stated in Section 2.2.5 of the TWF PMR, the facility will manage storm water monitoring under the MSGP for specific pollutants associated with regulated industrial activities that have the potential to discharge to waters of the United States. Results from sample collections or evaluation of storm water will be routinely compared to MSGP standards only, not to the RCRA permit conditions unless there is a contamination event. When only storm water has been contained in the retention basin, the decision to open the drain valve will be based upon standard MSGP processes including visual examination for surface sheens, discoloration or other obvious indicators of storm water pollution relative to the collected storm water. This may be extended to sampling for specific MSGP constituents of concern as required by the MSGP for the facility but will not go so far as full RCRA analysis. Therefore, LANL is proposing to add language to this permit provision to make the condition of determining the applicability for using this option more clear by including the text specified in the draft Permit Section 3.14.2.(1) quoted above. This clarification can be met by adding the term "waste" and "monitor" to the sentence as described in Comment 9 of the table below. The altered sentence will read: "If the Permittees determine that the storm water is not contaminated with hazardous waste constituents, the Permittees shall monitor and manage the storm water in accordance with the *Multi-Sector General Permit for Stormwater Discharges Associated with Industrial Activity* (MSGP) for the facility."

The NMED-HWB also added requirements in draft Permit Section 3.14.2(2) for sampling and analysis of fire suppression water collected in the retention basin prior to discharge. Section 2.2.5 of the TWF PMR proposed requirements in Attachment A that fire suppression water collected in the retention basin be sampled and analyzed to ensure the water meets certain state and federal surface water quality standards prior to discharge. In the Fact Sheet, the NMED-HWB proposed that the water be required to meets the clean-up standards in Permit Section 11.4 prior to discharge. The reference for the cleanup levels is a general permit section including requirements for groundwater, soil, and surface water. As noted in Comment 10 below, the reference to Permit Section 11.4 should be revised to Permit Section 11.4.3 for surface water if that was the intent noted in the Fact Sheet.

IV. Waste Storage Prohibitions

The NMED-HWB added additional language in draft Permit Section 3.14.1(4) prohibiting storage of certain wastes and container types at the TWF (Fact Sheet Comment 5). LANL does not object to the prohibitions on waste that is predominantly liquid or Remote Handled Transuranic (TRU) waste. However, the added prohibitions for waste containers covered by the LANL Site Treatment Plan (STP) and for Over Sized Waste Boxes (OWBs) appear to be overly restrictive. They are also not consistent with the management of waste containers at other container storage units covered by the Permit. Inconsistency in the permit conditions for units of the same type may lead to confusion and discrepancies in recordkeeping at the units.

The language in the Fact Sheet states that "…NMED's rationale for prohibiting STP covered waste is that the Permittees' Fiscal Year 2011 STP Update commits to removing all STP covered waste at LANL by 2014. The purpose of the TWF is storage and characterization of *newly generated* TRU waste for shipment to and disposal at WIPP. Therefore, NMED proposes the

prohibition of storage of hazardous and mixed waste that has been stored at LANL for more than one year, i.e., STP-covered waste.…"

Review of the indicated STP update document (LANL, 2011a) does not appear to substantiate the statement regarding STP commitments. Several types of waste streams are mentioned that have 2013 and 2014 compliance dates for treatment and/or removal but this schedule does not apply for any other waste type including TRU waste that would be potentially managed by this facility.

LANL compliance with RCRA's one-year prohibition of storage for Land Disposal Restrictions (LDR) mixed wastes under RCRA §3004(j) and 40 CFR §268.50(c) is already addressed by the Federal Facility Compliance Act (FFCA), under the NMED-HWB-issued *Federal Facility Compliance Order* (FFCO, October 4, 1995), and the STP implementing the FFCO. The STP is an enforceable document authorized through the provisions of the FFCO. The STP documents the agreements between the State of New Mexico and the Permittees regarding the schedule and disposition of waste subject to the FFCO. The FFCO requires LANL to identify covered waste in the STP, and covered wastes are identified as "all mixed waste at LANL, regardless of time generated," including newly discovered, identified, generated, or received from off-site …" (FFCO, §§5A, 6). Therefore, the proposed text is inconsistent with the STP and should be deleted as referenced in Comment 4 of the table in Part 2 below.

LANL may store newly-generated LDR restricted mixed wastes longer than one year as long as it is in compliance with the FFCO and STP, therefore a requirement that all newly-generated TRU waste be shipped to WIPP within one year of the date it is generated would conflict with FFCO provisions.

The Fact Sheet also states that the NMED-HWB's rationale for proposing to prohibit storage of OWBs is that they are not approved for shipment and disposal at WIPP and the purpose of the TWF is to store and characterize newly generated TRU waste for shipment to and disposal at WIPP. This description of the unit's purpose is not consistent with the stated mission of the TWF as contained in Section 1.2 of the PMR. The mission description in that section includes the statement that the TWF will replace the TRU waste storage and characterization capabilities currently located at TA-54 Area G, which include storage of wastes that potentially have other disposition pathways. To illustrate this, Section 2.2 of the PMR describing the TA-63 TWF states that the TWF will provide storage in containers for TRU waste, including the hazardous component of mixed TRU (MTRU) waste and, potentially, mixed low-level waste streams (MLLW). Some TRU waste containers may be determined through the final waste characterization carried out in the waste characterization trailers not to meet the WIPP requirements for TRU waste. Depending on the presence of hazardous constituents, these waste containers will be reclassified as either low-level radioactive waste or mixed low-level waste and stored at the TWF until they can be dispositioned appropriately. Such activity may include temporary storage prior to shipment to other LANL facilities as a component of the broader TRU waste management program at LANL (e.g., repackaging at the TA-50 Waste Characterization, Reduction, and Repackaging Facility (WCRRF)). The TWF may also manage hazardous-only waste streams generated on site. Therefore, the overall storage capabilities at the TWF are intended to include waste types in addition to MTRU waste as a potential result of waste characterization activities at the site, to assist with options for the orderly management of other

MTRU waste containers that cannot be immediately certified for WIPP due to needs such as packaging, and for waste generated through routine operations at the site.

Additionally, the prohibition may potentially limit safer storage of waste in OWBs at LANL. Currently, storage of OWBs at the TA-55 permitted units is approved in the Permit, including storage on the TA-55 Outside Storage Pad subject to the conditions for such storage in the Permit. The ability to manage or campaign (e.g., accumulate sufficient containers for the purpose of efficient repackaging) these types of containers in the protected storage conditions of the TWF, prior to shipment and management at other LANL waste management facilities, is a potentially safer storage option and should not be prohibited.

Therefore, LANL is proposing that these two storage prohibitions be deleted from the permit condition as described in Comments 3-5 of the table below.

V. Fire Suppression System Design Change

There has been a recent design decision regarding the fire suppression system within the storage buildings at the TA-63 TWF. The change involves a substitution in the fire suppression equipment to be used at the facility from a wet pipe system as described in the TWF PMR to a dry pipe system. This change will improve fire fighting capabilities and prevent the possibility of fire water being released from the system in the event of freezing. The following discussion presents the intent and general capabilities of the design change as the final details are in the process of being developed for the specific facility and complete specifications are not currently available.

Dry pipe systems are installed in spaces in which the ambient temperature may be cold enough to freeze the water in a wet pipe system, rendering the system inoperable. Typically, dry pipe systems are most often used in unheated buildings, in parking garages, or in outside structures attached to heated buildings. At the TWF specifically, a design change to a dry pipe system is being developed to provide a more robust protection system if the storage buildings should require freeze protection in the case of a power outage or if the inside building conditions become cold enough to freeze during waste management conditions such as transporting waste containers into the buildings during winter conditions.

Dry pipe systems are different from wet pipe systems because the final distribution piping to the sprinklers in the buildings contains compressed air or another pressurized gas instead of water. The use of air keeps the sprinkler piping system from freezing and the source of fire suppression water is separated from the system by a valve upstream of the distribution piping. Water is not present in the distribution piping until the system operates. The piping is filled with air below the water supply pressure. The dry pipe valve (a specialized type of check valve) prevents the higher water supply pressure from forcing water into the piping. The dry pipe valve is kept heated by an enclosure with heating capabilities. When one or more of the automatic sprinklers is exposed, for a sufficient time, to a temperature at or above the sprinkler temperature rating, it opens, allowing the air in the piping to vent from that sprinkler. Each sprinkler operates individually. As the air pressure in the piping drops, the pressure differential across the dry pipe valve changes, opening the valve and allowing water to enter the entire sprinkler distribution

piping system. Figures 1 and 2 of Attachment 2 of this document provide further details regarding the components of a typical dry pipe fire suppression system.

This discussion supports the replacement of the descriptive term “wet pipe” for “dry pipe” for the fire suppression equipment described in Permit Attachment A.6 as noted in Comment 26 of Part 2 of this document. This design change may also affect Figures 2-9, 2-16, 2-17, 2-19, 2-27, and 2-28 of the TWF PMR. These figures describe the plan layout of the storage buildings and the details of the fire suppression water distribution systems. The exact changes to those figures are not available at this time for responses to the draft permit due to the schedule for contractor development of the changes, specific equipment and manufacturer decisions, and final engineering certification. However, these changes will be minimal. They will be limited to adding final enclosures for the dry-pipe valving to the storage building plan layouts and adding the dry-pipe valving components to the existing water distribution piping systems. The purpose of the enclosures for the dry pipe valving will be to contain the valving and heating equipment and they will not be structural to the storage buildings. The dry pipe valving modifications to the existing water distribution piping systems will be similar to the components depicted in Attachment 2. These revised figures will be submitted for the NMED-HWB and public review as supporting supplemental information to the text revision described above or as additional public comments if the TWF draft permit comment period is extended as a result of public requests for a permit hearing. In the event that no suitable opportunity is available to submit the revised figures prior to permit issuance, the Permittees will submit them to the NMED-HWB as a Class 1 permit modification request pursuant to the conditions of 40 CFR §270.42, Appendix I, Classification of Permit Modification, Item A.3, for equipment upgrading or replacement with functionally equivalent components.

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PART 2

Specific Comments to Proposed Draft Permit Conditions

Comment No.	Part/Attachment	Section of Permit	Comment	Suggested Text Change
1.	General		Several of the added permit conditions in the draft Permit appear to be based upon the use of the 40 CFR §270.32(b)(2) regulation regarding additional terms and conditions rather than upon a specific regulatory basis for the conditions. The regulation states "…(2) Each permit issued under section 3005 of this act shall contain terms and conditions as the Administrator or State Director determines necessary to protect human health and the environment…" The LANL Permit currently contains numerous references to the use of the regulation where appropriate. Where this regulation applies in the draft Permit text, the regulation should be cited to identify the basis of the requirement and to maintain consistency with other portions of the Permit. For examples of where this could be appropriate, see Comment 2 where the regulation is cited, and Comment 12, where it probably should be.	Where NMED-HWB has utilized the regulation and deems it to be appropriate, the following text should be added: (see 40 CFR §270.32(b)(2))
2.		PS 2.8	The proposed addition to the permit text at Permit Section 2.8 is confusing. The boundary depicted in Figure 55 that defines the 15-m buffer limit is not the TA specific boundary but the fence line at the TWF. Therefore, the placement of the Figure reference in the sentence is not correct. This was the basis for LANL's proposal in the "*Response to Disapproval, TA-63 Transuranic Waste Facility Permit Modification Request, Revision 2.0, Los Alamos National Laboratory*" of October 1, 2012, that the figure not be added here to avoid confusion. The requirement for a 15 meter boundary from the fence line at the TA-63 TWF, rather than the technical area boundary creates an inconsistency within the Permit when compared to other container storage units covered by the Permit. If the reference is required here, LANL proposes that a	The Permittees shall ensure that containers holding ignitable or reactive wastes are located at least 15 meters from the facility boundary defined as the technical area (TA) specific boundary identified in Figures 11, 22, 24, and 38~~, and 55~~ in Permit Attachment N (*Figures*). The 15 meter boundary from the permitted unit fence line for the TWF at TA-63 is shown in Figure 55. (*see* 40 CFR §§ 264.176 and 270.32(b)(2)).

Comment No.	Part/Attachment	Section of Permit	Comment	Suggested Text Change
			sentence be added instead that stipulates the boundary correctly. The proposed sentence is: "The 15 meter boundary from the permitted unit fence line for the TWF at TA-63 is shown in Figure 55."	
3.		PS 3.14.1.(3)	See the discussion in Part 1, Section IV above regarding waste prohibitions. The included storage prohibition is not appropriate and inconsistent with waste management procedures at other permitted container storage units. The TWF is intended to store additional waste types such as mixed low level waste and hazardous-only waste. Such waste types will not be vented.	Delete: ~~The Permittees shall only accept waste containers at the TWF if they are closed and equipped with Waste Isolation Pilot Plant (WIPP) approved filter vents. The Permittees shall not open waste containers during storage or characterization at the TWF, although the Permittees may replace filter vents if necessary.~~
4.		PS 3.14.1.(4).c	See the discussion in Part 1, Section IV above regarding waste prohibitions. The included storage prohibition is not appropriate. The TWF is intended to store additional waste types such as MLLW and hazardous-only waste. In addition, the prohibition on STP-covered waste is in conflict with the provisions of 40 CFR §268.50(c) and the Federal Facilities Compliance Act.	Delete : ~~Waste that is or has ever been part of the LANL Site Treatment Plan (STP) inventory~~
5.		PS 3.14.1.(4).d	See the discussion in Part 1, Section IV above regarding storage prohibitions. The included storage prohibition will limit safer storage options associated with the OWBs. Permit Section 3.3 lists the conditions for acceptable containers for all container storage units covered by the Permit.	Delete: ~~Waste stored in containers that are not acceptable for shipment to WIPP (e.g., Oversize Waste Boxes)~~
6.		PS 3.14.2	See the discussion in Part 1, Section III above regarding the retention basin. The language used in PMR Section 2.2.1 regarding the use of the retention basin as containment in accordance with 40 CFR § 264.175(b) is in error and is not consistent with the discussion regarding secondary containment pallets in PMR Section 2.5.4 and in Permit Section 3.14.1.(1). Secondary containment at the TWF is primarily afforded by the pallets.	Delete the sentence: ~~The retention basin at the TWF is a secondary containment system as described in Permit Section 3.7, *Containment Systems.*~~
7.		PS 3.14.2	See the discussion in Part 1, Section III above regarding the retention basin. LANL is suggesting the addition of a sentence to clarify the primary purpose of the retention basin.	Addition of second sentence in paragraph 1: <u>The retention basin will manage storm water to MSGP standards, unless there is a need for prevention of releases in the case of a contamination event.</u>

Comment No.	Part/Attachment	Section of Permit	Comment	Suggested Text Change
8.		PS 3.14.2	See the discussion in Part 1, Section III above regarding the retention basin. The Permittees suggest revision of the sentence referencing the Contingency Plan to clarify the point at which it is implemented.	Addition to last sentence in first paragraph: Any decontamination of the retention basin will be subject to the provisions of Permit Attachment D, *Contingency Plan* upon implementation during a contamination event (i.e., fires, spills, explosions or non-sudden releases).
9.		PS 3.14.2	See the discussion in Part 1, Section III above regarding the retention basin. The Permittees suggest adding clarification to the MSGP management provision by stipulating hazardous waste constituents and that monitoring conditions subject to the MSGP are not identical to RCRA hazardous waste characterization requirements.	Addition to sentence: If the Permittees determine that the storm water is not contaminated with hazardous waste constituents, the Permittees shall monitor and manage the storm water in accordance with *The Multi-Sector General Permit For Stormwater Discharges Associated with Industrial Activity* (MSGP) for the facility.
10.		PS 3.14.2	See the discussion in Part 1, Section III above regarding the retention basin. The citation to Permit Section 11.4 in the last sentence of Part 3.14.2 should be revised to be Permit Section 11.4.3 to clarify the reference to the standards for water cleanup discussed in the sentence	Addition to reference: If the Permittees determine that the fire suppression water is not a hazardous waste, the Permittees shall ensure that the water meets the applicable cleanup requirements in Permit Section 11.4.3, ~~Cleanup Levels Prior to Discharge~~ Surface Water Cleanup Levels.
11.		PS 3.14.2	Due to the extensive nature of potential changes to draft Permit Section 3.14.2, the Permittees suggest a simplified text that would address the concerns of Comment Nos. 6-10 above and would be consistent with similar permit conditions in Permit Part 3.	Suggest replacement of Permit Section 3.14.2 with: "The Permittees shall inspect the retention basin at the TA-63 TWF at least weekly for fluids. All liquid within the retention basin should be removed and managed as storm water in accordance with the *Multi-Sector General Permit for Stormwater Discharges Associated with Industrial Activity* (MSGP) if it is determined that no hazardous waste constituents could reasonably be present with the liquid (i.e. there have been no spills at the unit or all spills have been managed in accordance with Permit Section 2.10.4 or 2.11.1). If the fluid within the retention basin is the result of a fire suppression system release, the Permittees shall include a record of the evacuation in the Facility's Operating Record including a complete chemical analysis of the fluid."

Comment No.	Part/Attachment	Section of Permit	Comment	Suggested Text Change
12.		PS 3.14.3	The Permittees suggest deleting the permit conditions associated with the discussion in Part 1, Sections C.1, Tritium Monitoring; C.2, Threshold Concentration Values; and C.3, Additional Actions, for the reasons discussed therein. Therefore, much of the proposed Permit Section 3.14.3 should be removed. Additionally, the Permittees are proposing an overall phased approach to the soil vapor monitoring network as discussed in Part 1, Section D. Therefore, the replacement of the entire draft Permit Section with new text is proposed.	Suggest replacing Permit Section 3.14.3 with the following text: "The Permittees shall install a subsurface vapor monitoring system at the TWF site to evaluate for vapor-phase contaminants that may migrate from TA-50 MDA C (SWMU 50-009, see Permit Section K, Table K-1). The subsurface vapor monitoring network at the TWF is described in Attachment A, Section A.6.10 and Figure 56 in Attachment N (*Figures*). The Permittees shall use the system to monitor for the subsurface vapors associated with the TA-50 MDA C vapor plume to detect contaminant migration toward the TWF and to determine the potential for worker exposure to harmful levels of volatile organic compounds. The well locations and soil vapor monitoring network shall be initially coordinated with the corrective action activities associated with SWMU 50-009. Two soil vapor monitoring wells will be installed at the locations shown on the west side of Puye Road in Figure 56. Existing monitoring well 50-24822 shall also be included as part of the subsurface vapor monitoring network (*see* Figure 56). The Permittees shall initially sample each newly installed vapor monitoring well within 30 days of installation. This sampling round will be used to establish subsurface baseline conditions in the vicinity of the TWF prior to storage activities at the site. Subsequent soil vapor samples will be collected in accordance with the sampling schedule for the other MDA C vapor plume wells at MDA C to provide consistent data for evaluation of the extent and stability of the vapor plume.

Comment No.	Part/Attachment	Section of Permit	Comment	Suggested Text Change
				Soil vapor concentrations of the constituents in the plume shall be compared to the time-weighted threshold limit values (TLVs) defined by the American Conference of Governmental Industrial Hygienists (ACGIH) in coordination with the corrective action program for MDA C. Sample concentrations relative to the TLVs will be used as indicators of the potential for worker exposure. In the event that the TLV concentrations are exceeded in either of the two new wells required in this permit section, the potential for worker exposures to the soil vapor organic constituents shall be deemed to be significant. The soil vapor monitoring results shall be evaluated with ongoing OSHA and DOE worker protection requirements as contained in 29 CFR Part 1910 and 10 CFR Part 851. Subsequent additional actions including storage building monitoring, worker protection, and impermissible work conditions will be implemented under those programs. If TLV concentrations are exceeded within the storage buildings at the TWF or restricted work conditions occur as needed under those programs, the Permittees will submit a written report to NMED-HWB within five days and prepare activity reports as needed under the OSHA and DOE programs and submit copies to NMED-HWB. The vapor monitoring wells located near the TWF, with the exception of well 50-24822, shall be constructed with two vapor monitoring ports; a near-surface port at 25 feet (ft) below ground surface (bgs) and a deep port at 60 ft bgs. Boreholes must be advanced using hollow stem auger drilling methods. The vapor monitoring wells must be constructed utilizing the same type of stainless steel (SS) tubing system used at borehole 50-603373 at MDA C. The SS tubing system must use continuous

Comment No.	Part/Attachment	Section of Permit	Comment	Suggested Text Change
				lengths of 0.25-in.-outside diameter SS tubing with a single port installed at the target depth of each tube. A minimum of five feet of hydrated bentonite will be used above and below each sampling port to isolate the sample intervals. The sample intervals must be filled with clean sand. Sampling shall be performed by extracting the formation air through the sand layer and into the SS tubing."
13.		PS 3.14.3	NMED-HWB has added a reference section containing two full document citations which are not consistent with document cites for the rest of the Permit. If necessary, suggest expanding citation where used in Permit text. See Part I, Section II.C.2. for further discussion regarding the documents.	Delete: ~~**References:**~~ ~~DTSC, 2011, "Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (Vapor Intrusion Guidance)", Department of Toxic Substances Control, California Environmental Protection Agency, October 2011.~~ ~~USEPA, 2004, "User's Guide to Evaluating Subsurface Vapor Intrusion Into Buildings", United States Environmental Protection Agency, Washington, DC, February 22, 2004.~~
14.	A.6		The official title for the permitted unit is the Transuranic Waste Facility. The purpose of the permitted unit is described more fully in the second paragraph of the section, incorporating the storage function.	Revise first sentence to read: The following section describes the TA-63 T~~t~~ransuranic ~~(TRU)~~ W~~w~~aste ~~storage~~ F~~f~~acility (TWF).
15.	A.6		The reference to the closest buildings to the TWF is not consistent with other facility descriptions in the Permit. The relevance to the facility description is also unclear. Suggest deleting this sentence.	Delete: ~~The closest buildings are shops immediately north of Puye Road, Office Building 63-111, records storage buildings immediately east of the TWF location, and buildings and structures on Pecos Drive further north of the TWF.~~
16.	A.6, third paragraph		The Permittees are proposing that the prohibition on storage of OWBs is not appropriate (See Part 1, Section 3 above). Suggest deleting this sentence.	Delete: ~~Oversized Waste Boxes (OWBs) are not stored at the TWF.~~
17.	A.6, paragraph 8		See the Part 1, Section III discussion above regarding the retention basin. The retention basin is not the primary system for secondary containment of hazardous waste. Suggest revising the sentence to clarify the purpose.	Revise sentence to read: The retention basin serves as a collection~~secondary containment~~ system~~, as described in Permit Section 3.7, *Containment Systems*, and is~~ designed to capture storm water run-off and fire suppression water released in the event of a fire at the TWF, as

Comment No.	Part/Attachment	Section of Permit	Comment	Suggested Text Change
				described in Permit Section A.6.5.
18.	A.6, paragraph 9		The forklift charging station (63-0146) and the storage shed (63-160) are not situated within the boundary of the permitted unit. Suggest revisions to correct the description.	Revise as follows: The unit also includes a small storage building for calibration sources used for waste characterization activities., ~~a covered forklift charging station, and an equipment storage shed.~~ Outside the boundary of the permitted unit~~fence~~, other site structures include an operations support building, a fire water storage tank, ~~and~~ an associated utility building, a covered forklift charging station, and an equipment storage shed.~~.~~
19.	A.6.1		See the Part 1, Section III discussion above regarding the retention basin. The language used in PMR Section 2.2.1 regarding the use of the retention basin as containment in accordance with 40 CFR § 264.175(b) is in error and is not consistent with the discussion regarding secondary containment pallets in PMR Section 2.5.4 and in Permit Section 3.14.1.(1). Secondary containment at the TWF is primarily afforded by the pallets.	Suggest revisions: Storm water and potentially contaminated firewater will flow ~~run-off~~ from the northern portion of the pad ~~flows~~ to the valley gutter that drains to the retention basin~~, providing containment for the site in accordance with 40 CFR §264.175(b)~~.
20.	A.6.4, first paragraph, third bullet		The description for the SuperHENC unit includes a statement that the unit will handle SLB2 waste containers. This is incorrect because the counters within the unit will not handle these containers and the phrase "and SLB2s" should be deleted from the sentence. Plans for assay of SLB2 containers at TA-54 Area G and the TWF are to use a portable assay system called the *In Situ* Object Counting System (ISOCS^{TM}). The Central Characterization Project (CCP) that performs WIPP characterization at LANL is currently working with the DOE Carlsbad Field Office and the Environmental Protection Agency (EPA) to gain approval of the ISOCS^{TM} system as a certified characterization system at LANL to allow for characterization and certification of TRU waste packaged in SLB2 containers. Approval for use of this system is expected in late 2013, well before construction of the TWF is completed, and will be used for large containers such as the SLB2 or Ten Drum Overpack container at Area G.	Delete SLB2s from sentence: The NDA equipment in the trailer is similar to the HENC but includes a high efficiency neutron counter and a gamma counter that are both designed to handle SWBs ~~and SLB2s~~.

Comment No.	Part/Attachment	Section of Permit	Comment	Suggested Text Change
			The equipment is portable and assay of the SLB2 containers would potentially be conducted in one of the TWF waste storage buildings, in the storage and characterization building, or outside on the concrete pad, and not in a characterization trailer.	
21.	A.6.4, fourth paragraph, second sentence		See comment above.	Delete SLB2s from sentence: The process however, is applicable to the assay of TRU radionuclides in waste packages such as SWBs ~~and SLB2s~~.
22.	A.6.5, first paragraph		See the discussion in Part 1, Section III above regarding the retention basin. The language used in PMR Section 2.2.1 regarding the use of the retention basin as containment in accordance with 40 CFR § 264.175(b) is in error and is not consistent with the discussion regarding secondary containment pallets in PMR Section 2.5.4 and in Permit Section 3.14.1.(1). Secondary containment at the TWF is primarily afforded by the pallets.	Suggest deletion: The retention basin ~~functions as a secondary containment system and also~~ is designed to collect surface storm water or melt water run-off from the concrete pavement via the slope (nominally 2%) of the concrete pad, and in the event of a fire at the unit, fire suppression water that could flow out of the storage buildings or from other unit structures to the concrete pad.
23.	A.6.6, last paragraph		Use of the term unit is potentially confusing with the permitted unit. The equipment storage shed (63-160) is not within the permitted unit. Suggest replacing the term "unit" with "TWF."	Suggest replacement: An equipment storage shed used to store items such as metal pallets, containers used to overpack waste containers, and snow removal equipment is located on the west side of the ~~unit~~TWF.
24.	A.6.8, second paragraph		Correction.	Replace the reference to the "LANL CAS" with "Los Alamos County Consolidated Dispatch Center."
25.	A.6.7, second paragraph		Editorial change.	Delete last three words: The TWF is patrolled by facility~~LANS~~ security personnel to prevent unauthorized entry ~~does not occur~~.
26.	A.6.8, sixth paragraph		See the discussion in Part 1, Section V above regarding fire suppression system design changes. The design for a wet-pipe fire suppression system has been changed to a dry-pipe system for safety and freeze prevention considerations.	Suggested revision: Fire protection systems for the TWF storage buildings, including the Storage and Characterization Building 63-0154, include a dry~~wet~~ pipe sprinkler system for fire suppression.
27.	A.6.9, last paragraph		See the Part 1, Section III discussion above regarding the retention basin. The language used in PMR Section 2.2.1 for the use of the retention basin as containment in	Delete: The secondary containment provided ~~by the retention basin and~~ by secondary containment pallets has sufficient capacity to contain at least 10

Comment No.	Part/Attachment	Section of Permit	Comment	Suggested Text Change
			accordance with 40 CFR § 264.175(b) is in error and is not consistent with the discussion regarding secondary containment pallets in PMR Section 2.5.4 and in Permit Section 3.14.1.(1). Secondary containment at the TWF is primarily afforded by the pallets.	% of the volume of containers or the volume of the largest container stored in the system, whichever is greater, pursuant to the requirements of 40 CFR §264.175(b)(3) and Permit Section 3.7, *Containment Systems*.
28.	A.6.10		It is the Permittees' understanding that the Department, stakeholders, and the Permittees agreed during the permit negotiation process for the renewed LANL permit that the intent of Attachment A, Technical Area (TA)- Unit Descriptions was to include descriptive text about the permitted units and not permit conditions or requirements. The requirements that have been proposed throughout Section A.6 should be moved to a more applicable section of the permit, particularly those using the terms "must" or "shall" in the discussion regarding soil vapor monitoring wells.	
29.	Attachment B		Revisions to Attachment B, *Part A Application*, of the Permit to incorporate the TWF information have been provided to supplement the draft Permit.	See Attachment 3 of this document. The Attachment includes the edited Part A from the Permit with indicated additions for the TWF as presented in the PMR.
30.	D, Table D-5		References to Structure 63-145 should be deleted. The structure was the canopy originally included in the design but the structure has been removed.	
31.	J, Table J-1		Suggest adding the notation for square footage of the permitted unit for consistency with the rest of the items in the table.	Add: Total square footage-78,843
32.	N, Figure 56		See discussion in Part 1, Section II and Comment 12 above.	Figure 56 should be altered to show only the wells marked as VMW-4, VMW-5, and 50-24822 for consistency with the monitoring approach proposed in Comment 12.
33.	G.27, Table of Contents		NMED-HWB has eliminated several tables previously contained in the PMR. These include Hazardous Waste Constituents of Concern at the Transuranic Waste Facility; Sample Containers, Preservation Techniques, and Holding Times; Summary of Analytical Methods; and Quality Control Sample Types, Applicable Analyses, Frequency, and Acceptance Criteria. This removal is not	Removed tables should be re-instated in the Closure Plan.

Comment No.	Part/Attachment	Section of Permit	Comment	Suggested Text Change
			consistent with the format of all other approved closure plans in the Permit. It has been the Permittees understanding, based upon the negotiations prior to approval of the renewed Permit, that the Closure Plans be "stand-alone" and consistent.	
34.	G.27, Section 2.0		The storm water retention basin has been moved to: "STRUCTURES THAT HAVE MANAGED HAZARDOUS WASTE TO BE REMOVED AT CLOSURE:" from its original category: "OTHER TWF STRUCTURES TO BE REMOVED AT CLOSURE:" This change assumes that contamination of the retention basin will occur prior to implementation of the Closure Plan and/or that any contamination event will not be decontaminated to the provisions of the Permit Contingency Plan. This assumption is premature given the nature of the waste, the design of the facility, waste management procedures to be developed, and the future actual operating history of the unit to be shown in the Operating Record. The retention basin should not be considered for inclusion in the hazardous waste management structure category unless a contamination event that cannot be remediated has occurred.	Rescind the change.
35.	G.27, Section 3.0		The discussion has been modified to read: "The TWF shall not store a volume greater than 105,875 gallons of waste at any time for the lifetime of the facility." This is not the estimate of maximum waste managed over the course of the operating life of the facility as required by 40 CFR § 264.112(b) as previously given in the Closure Plan.	Rescind the change and restore Table 1, Technical Area 63, TWF Storage Unit Capacities and Waste Categories.
36.	G.27, Section 4.1		The closure performance standards have been revised to incorporate the discussion in Permit Section 9.2.1 only. The Permittees propose that the first sentence be revised to reference the complete provisions of Permit Section 9.2 in order to retain the allowable options under that section of the Permit.	Revise the first sentence to read: In accordance with the provisions of~~As required by~~ Permit Section 9.2, the permitted unit will be closed to meet the following performance standards:
37. I	G.27, Section 5.0		NMED-HWB deleted the provision that the operating record review could commence earlier than the completion date condition in Permit Section 9.4.6.1. The Permittees	Revise the sentence: The procedures shall occur~~proceed~~ in the sequence

Comment No.	Part/Attachment	Section of Permit	Comment	Suggested Text Change
			request that the language be reinstated to the text in order to retain and clarify the ability to start the records review at an earlier date.	described in this section (5) although the operating record review described in Section 5.2.1 may be started earlier.~~.~~
38.	G.27, Section 5.1		The following sentence has been deleted: *"All hazardous waste containers will be moved to a permitted on-site storage unit or a permitted off-site treatment, storage, or disposal facility."* This leaves WIPP as the only disposal option for all waste streams. As described in Comment 3, the potential exists that MLLW or hazardous waste containers may be present at TWF.	Suggest reinstating the previously deleted sentence with the following revision: All hazardous-only or MLLW waste containers will be moved to a permitted on-site storage unit or a permitted off-site treatment, storage, or disposal facility.
39.	G.27, Section 5.2.2		The reference to Permit Section 11.10.2.5 in the last sentence of the section should be replaced in the closure plan. This section and the site surveying that it requires, is applicable to investigation activities that will not be necessary for a container storage unit where the operational lifetime of the unit is accounted for within the Operating Record. Identification of additional sampling locations during the structural assessment should be conducted in accordance with Permit Section 9.4.6.2 as required and sufficient for permitted unit closure under the Permit and stated at the beginning of the section.	Suggest deleting the sentence: ~~The location of any additional sampling locations shall be determined in accordance with Permit Section 11.10.2.5.~~
40.	G.27, Section 6.2.1		NMED-HWB deleted "if applicable" in the sentence describing sampling liquid in the drain of the retention basin. The condition cannot be met if no liquid is present at the time of closure.	Suggest reinstating the term "if applicable."
41.	G.27, Section 6.4.1		The reference to Permit Section 11.10.3.6 is unclear as there is no section listed by that number in Part 11 of the Permit.	Suggest removal of the Permit Section as follows: The analytical laboratory shall perform the detailed qualitative and quantitative chemical analysis specified in Section 6.4.2~~ and Permit Section 11.10.3.6~~.
42.	G.27, Section 6.4.2.1		Replace the reference to Permit Section 11.10.2.9(4).	Revise the first sentence of the section as follows: The field QC samples that will be collected include trip blanks, field blanks, field duplicates, and equipment rinsate blanks as required by Permit Sections 9.4.7.1(8), 11.10.2.4.vii, and 11.10.2.9.~~iv~~(4).

Comment No.	Part/Attachment	Section of Permit	Comment	Suggested Text Change
43.	G.27, Section 7.0		Replace the reference to Table 6 if the table is not included in the closure plan.	
44.	G.27, Section 8.0, Item (2)		The added permit condition regarding investigations set forth in Permit Section 11.12.3 is unclear. The referenced Permit Section regards the report format for Investigation Work Plans conducted under corrective action activities. Permit Section 9.5 containing closure report requirements for closure of permitted units does not include this condition nor has the basis for the inclusion of this permit condition in addition to the requirements of Permit Section 9.5 been explained. The list of items required by this section is limited to summarizations of "...all activities conducted during *closure*..." (emphasis added) rather than additional investigations associated with corrective action. The condition also does not describe the scope or location of investigations other than those that meet the reporting requirements set forth in Permit Section 11.12.3, which can be construed to mean all such investigations performed at LANL.	Suggest deleting the requirement.

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Acronyms

Los Alamos National Laboratory	LANL
Transuranic Waste Facility	TWF
New Mexico Environment Department – Hazardous Waste Bureau	NMED-HWB
New Mexico Hazardous Waste Act	NMSA
New Mexico Administrative Code	NMAC
Department of Energy	DOE
Los Alamos National Security	LANS
Material Disposal Area	MDA
Solid Waste Management Unit	SWMU
Areas of Concern	AOC
Resource Conservation and Recovery Act	RCRA
Code of Federal Regulations	CFR
Volatile organic compounds	VOC
Investigation Report	IR
Trichloroethylene	TCE
Threshold limit values	TLV
American Conference of Governmental Industrial Hygienists	ACGIH
Occupational Health and Safety Administration	OSHA
Soil gas screening levels	SGSL
U.S. Environmental Protection Agency	EPA
Indoor Air Screening Levels	IARL
Comprehensive Environmental Response, Compensation and Liability Act	CERCLA
Treatment, storage or disposal	TSD
Multi-Sector General Permit	MSGP
Permit Modification Request	PMR
Site Treatment Plan	STP
Mixed Transuranic	MTRU
Land Disposal Restrictions	LDR
Federal Facility Compliance Act	FFCA
Waste Isolation Pilot Plant	WIPP
Transuranic	TRU
Waste Characterization Reduction and Repackaging Facility	WCRRF
Mixed Low Level Waste	MLLW
In Situ Object Counting System	ISOCS
Central Characterization Project CCP	CCP

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Attachment 1

MDA C Monitoring Well Network Sampling Results

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Attachment 1 Results of October–November 2012 Vapor Monitoring at MDA C

Sample ID	Location ID	Depth (ft bgs)	Carbon Tetrachloride	Chloroform	Dichlorodifluoromethane	Dichloroethane[1,1-]	Dichloroethane[1,2-]	Dichloroethene[1,1-]	Dichloroethene[cis-1,2-]	Dichloropropane[1,2-]	Hexane	Hexanone[2-]	Methylene Chloride	Tetrachloroethene	Tetrahydrofuran	Trichloro-1,2,2-trifluoroethane[1,1,2-]	Trichloroethane[1,1,1-]	Trichloroethene
ACGIH TLV			**31,500**	**48,800**	**4,950,000**	**405,000**	**40,500**	**19,800**	**793,000**	**46,200**	**176,000**	**20,500**	**174,000**	**170,000**	**147,000**	**7,660,000**	**1,910,000**	**53,700**
MD50-13-24032	50-24784	155–155	182	293	138	—[b]	—	—	—	69	—	—	—	2305	—	138	55	3706
MD50-13-24033	50-24784	244–244	270	107	178	—	—	—	—	—	—	—	—	1898	—	100	—	3974
MD50-13-24034	50-24784	362–362	377	—	242	—	—	—	—	—	—	—	—	1356	—	—	—	2793
MD50-13-24035	50-24784	450–450	245	—	208	—	—	—	—	—	—	—	—	454	—	—	—	967
MD50-13-24038	50-24813	25–25	306	352	120	—	—	—	—	—	—	—	—	103	—	—	—	3831
MD50-13-24040	50-24813	150–150	315	669	236	—	—	—	161	—	—	—	197	112	—	—	—	9841
MD50-13-24041	50-24813	241–241	386	622	571	—	—	—	218	—	—	—	487	202	—	—	—	21,841
MD50-13-24036	50-24813	358–358	103	95	245	—	—	—	—	—	—	—	—	—	—	—	—	8013
MD50-13-24037	50-24813	450–450	133	—	337	—	—	—	—	—	—	—	86	75	—	—	—	9186
MD50-13-24039	50-24813	600–600	44	—	164	—	—	—	—	—	—	—	—	—	—	—	—	1302
MD50-13-24042	50-24822	25–25	29	136	109	—	—	—	—	—	—	—	—	66	—	—	—	3156
MD50-13-24046	50-24822	142–142	78	260	325	—	—	—	74	—	—	—	104	67	—	—	—	9981
MD50-13-24044	50-24822	235–235	108	275	504	—	—	—	92	—	—	—	218	—	—	—	—	15,584
MD50-13-24045	50-24822	351–351	44	37	196	—	—	—	—	—	—	—	40	—	—	—	—	4833
MD50-13-24043	50-24822	450–450	47	—	187	—	—	—	—	—	—	—	—	—	—	—	—	3459
MD50-13-24051	50-603061	25–25	—	—	346	—	—	143	—	—	—	—	—	35	—	3457	645	198
MD50-13-24047	50-603061	128–128	—	—	220	—	—	1007	—	—	—	—	—	103	—	8429	2224	1194
MD50-13-24048	50-603061	228–228	—	—	144	—	—	718	—	—	—	—	—	70	—	5608	1413	1436
MD50-13-24049	50-603061	347–347	30	—	110	—	—	121	—	—	—	—	—	26	—	1644	160	476
MD50-13-24050	50-603061	450–450	—	—	55	—	—	26	—	—	—	—	—	—	—	346	—	171
MD50-13-24052	50-603062	122–122	—	29	93	—	—	—	—	—	—	—	—	—	—	99	19 (J)[c]	2485
MD50-13-24053	50-603062	217–217	—	—	133	—	—	—	—	—	—	—	—	—	—	135	—	3027

Sample ID	Location ID	Depth (ft bgs)	Carbon Tetrachloride	Chloroform	Dichlorodifluoromethane	Dichloroethane[1,1-]	Dichloroethane[1,2-]	Dichloroethene[1,1-]	Dichloroethene[cis-1,2-]	Dichloropropane[1,2-]	Hexane	Hexanone[2-]	Methylene Chloride	Tetrachloroethene	Tetrahydrofuran	Trichloro-1,2,2-trifluoroethane[1,1,2-]	Trichloroethane[1,1,1-]	Trichloroethene
ACGIH TLV			**31,500**	**48,800**	**4,950,000**	**405,000**	**40,500**	**19,800**	**793,000**	**46,200**	**176,000**	**20,500**	**174,000**	**170,000**	**147,000**	**7,660,000**	**1,910,000**	**53,700**
MD50-13-24054	50-603062	337–337	—	—	78	—	—	—	—	—	—	—	—	—	—	33	—	827
MD50-13-24055	50-603062	450–450	—	—	52	—	—	—	—	—	—	—	—	—	—	—	—	250
MD50-13-24060	50-603063	25–25	—	—	83	—	—	—	—	—	—	—	—	106	—	623	116	540
MD50-13-24056	50-603063	128–128	39	91	151	27	—	105	—	—	—	—	—	213	—	930	213	2520
MD50-13-24057	50-603063	228–228	118	204	285	—	—	179	65	—	—	—	—	448	—	1365	244	8556
MD50-13-24058	50-603063	347–347	61	72	139	—	—	—	—	—	—	—	29	154	—	271	—	3793
MD50-13-24059	50-603063	450–450	43	43	87	—	—	—	—	—	—	—	—	77	—	29	—	2248
MD50-13-24061	50-603064	113–113	—	450	284	—	—	402	161	—	—	—	—	230	—	3787	1160	12,544
MD50-13-24062	50-603064	214–214	—	255	433	—	—	407	130	—	—	—	280	176	—	3820	866	14,006
MD50-13-24063	50-603064	332–332	55	—	229	—	—	69	—	—	—	—	36	57	—	822	59	4967
MD50-13-24064	50-603064	500–500	—	—	130	—	—	—	—	—	—	—	—	—	—	55	—	637
MD50-13-24157	50-603383	26–26	—	—	60	—	—	—	—	—	—	—	—	89	—	89	23	253
MD50-13-24153	50-603383	139–139	58	69	166	—	—	37	—	117	—	—	24	367	—	345	82	1726
MD50-13-24154	50-603383	244–244	91	52	129	—	—	30	24	133	—	—	32	357	—	196	59	1981
MD50-13-24155	50-603383	359–359	38	—	67	—	—	—	—	—	—	—	—	66	—	62	—	467
MD50-13-24156	50-603383	450–450	33	—	45	—	—	—	—	—	—	—	—	38	12	11	—	250
MD50-13-24066	50-603467	143–143	108	196	82	—	—	—	47	—	—	—	59	—	—	—	—	3910
MD50-13-24070	50-603467	244–244	222	332	219	—	—	—	113	—	—	—	377	288	—	—	—	12,410
MD50-13-24068	50-603467	360–360	174	168	170	—	—	—	—	—	—	—	86	225	—	—	—	11,068
MD50-13-24069	50-603467	500–500	79	—	121	—	—	—	—	—	—	—	—	89	—	—	—	3733
MD50-13-24067	50-603467	600–600	43	—	73	—	—	—	—	—	—	216	—	37	73	—	—	1469
MD50-13-24159	50-603468	142–142	112	190	167	—	—	—	74	—	—	—	116	107	—	—	—	8725

Sample ID	Location ID	Depth (ft bgs)	Carbon Tetrachloride	Chloroform	Dichlorodifluoromethane	Dichloroethane[1,1-]	Dichloroethane[1,2-]	Dichloroethene[1,1-]	Dichloroethene[cis-1,2-]	Dichloropropane[1,2-]	Hexane	Hexanone[2-]	Methylene Chloride	Tetrachloroethene	Tetrahydrofuran	Trichloro-1,2,2-trifluoroethane[1,1,2-]	Trichloroethane[1,1,1-]	Trichloroethene
ACGIH TLV			**31,500**	**48,800**	**4,950,000**	**405,000**	**40,500**	**19,800**	**793,000**	**46,200**	**176,000**	**20,500**	**174,000**	**170,000**	**147,000**	**7,660,000**	**1,910,000**	**53,700**
MD50-13-24158	50-603468	233–233	150	197	230	—	—	—	87	—	—	—	263	105	—	—	—	9046
MD50-13-24160	50-603468	354–354	116	99	213	—	—	—	46	—	—	—	135	73	—	—	—	7344
MD50-13-24161	50-603468	403–403	146	88	292	—	—	—	—	—	—	—	127	94	—	—	—	8753
MD50-13-24077	50-603470	83–83	146	569	218	—	—	—	110	—	—	—	—	301	—	115	—	8031
MD50-13-24078	50-603470	203–203	—	384	384	—	—	—	—	—	—	—	284	—	—	167	—	12,511
MD50-13-24079	50-603470	278–278	—	294	432	—	—	—	—	—	—	—	328	—	—	190	—	14,521
MD50-13-24080	50-603470	351–351	—	—	318	—	—	—	—	—	—	—	138	—	—	—	—	8907
MD50-13-24081	50-603470	450–450	79	—	316	—	—	—	—	—	—	—	45	43	—	47	—	7100
MD50-13-24075	50-603470	600–600	—	—	122	—	—	—	—	—	—	—	—	—	—	—	—	590
MD50-13-24076	50-603470	650–650	—	—	25	—	—	—	—	—	—	—	—	—	—	—	—	29
MD50-13-24082	50-603471	90–90	445	650	140	—	56	—	104	—	—	—	127	256	—	70	—	6326
MD50-13-24083	50-603471	209–209	175	525	136	—	—	—	145	—	—	—	455	245	—	—	—	11,546
MD50-13-24084	50-603471	288–288	394	649	487	—	—	—	232	—	—	—	1159	325	—	—	—	22,956
MD50-13-24085	50-603471	360–360	236	255	413	—	—	—	—	—	—	—	472	255	—	—	—	16,307
MD50-13-24086	50-603471	450–450	184	171	244	—	—	—	69	—	—	—	188	206	—	—	—	13,510
MD50-13-24143	50-603472	27–27	—	102	19	—	—	—	—	—	—	—	—	139	—	—	—	949
MD50-13-24144	50-603472	146–146	71	251	80	—	—	—	65	48	—	—	251	251	—	—	—	5232
MD50-13-24147	50-603472	292–292	178	285	224	—	—	—	105	—	—	—	595	547	—	—	—	13,795
MD50-13-24145	50-603472	364–364	107	62	180	—	—	—	—	—	—	—	129	234	—	—	—	6246
MD50-13-24146	50-603472	450–450	102	—	160	—	—	—	—	—	—	—	48	176	—	—	—	4565
MD50-13-24094	50-603503	133–133	22	52	37	—	—	—	—	—	—	—	—	172	—	39	—	983
MD50-13-24093	50-603503	237–237	34	52	40	—	—	—	—	—	—	—	64	156	—	—	—	1817

Sample ID	Location ID	Depth (ft bgs)	Carbon Tetrachloride	Chloroform	Dichlorodifluoromethane	Dichloroethane[1,1-]	Dichloroethane[1,2-]	Dichloroethene[1,1-]	Dichloroethene[cis-1,2-]	Dichloropropane[1,2-]	Hexane	Hexanone[2-]	Methylene Chloride	Tetrachloroethene	Tetrahydrofuran	Trichloro-1,2,2-trifluoroethane[1,1,2-]	Trichloroethane[1,1,1-]	Trichloroethene
ACGIH TLV			**31,500**	**48,800**	**4,950,000**	**405,000**	**40,500**	**19,800**	**793,000**	**46,200**	**176,000**	**20,500**	**174,000**	**170,000**	**147,000**	**7,660,000**	**1,910,000**	**53,700**
MD50-13-24092	50-603503	347–347	24	22	36	—	—	—	—	—	—	—	22	93	—	—	—	1093
MD50-13-24091	50-603503	450–450	24	—	35	—	—	—	—	—	—	—	—	63	—	—	—	961
MD50-13-24089	50-613182	550–550	157	—	282	—	—	—	—	—	—	—	—	169	—	—	—	3222
MD50-13-24090	50-613182	632.5–632.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MD50-13-24087	50-613183	550–550	43	—	147	—	—	—	—	—	—	—	—	18	—	—	—	1185
MD50-13-24088	50-613183	642.5–642.5	—	—	—	—	—	—	—	—	23	—	—	—	—	—	—	27
MD50-13-24074	50-613184	500–500	37	—	102	—	—	—	—	—	—	—	—	—	—	—	—	1305
MD50-13-24073	50-613184	600–600	—	—	51	—	—	—	—	—	—	—	—	—	—	—	—	237
MD50-13-24072	50-613184	664.5–664.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	38
MD50-13-24099	50-613185	145–145	36	53	72	—	—	—	—	—	—	—	—	29	—	—	—	2061
MD50-13-24098	50-613185	235–235	49	43	96	—	—	—	—	—	—	—	40	40	—	—	—	3134
MD50-13-24095	50-613185	350–350	29	—	62	—	—	—	—	—	—	—	—	—	—	—	—	1205
MD50-13-24096	50-613185	450–450	20	—	50	—	—	—	—	—	—	—	—	—	—	—	—	533
MD50-13-24097	50-613185	600–600	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	34

Note: Units are µg/m^3.

[a] na = Not available.

[b] — = Analyte was not detected.

[c] J = The analyte was positively identified, and the associated numerical value is estimated to be more uncertain than would normally be expected for that analysis.

Attachment 2

Typical Dry Pipe Fire Suppression System Components

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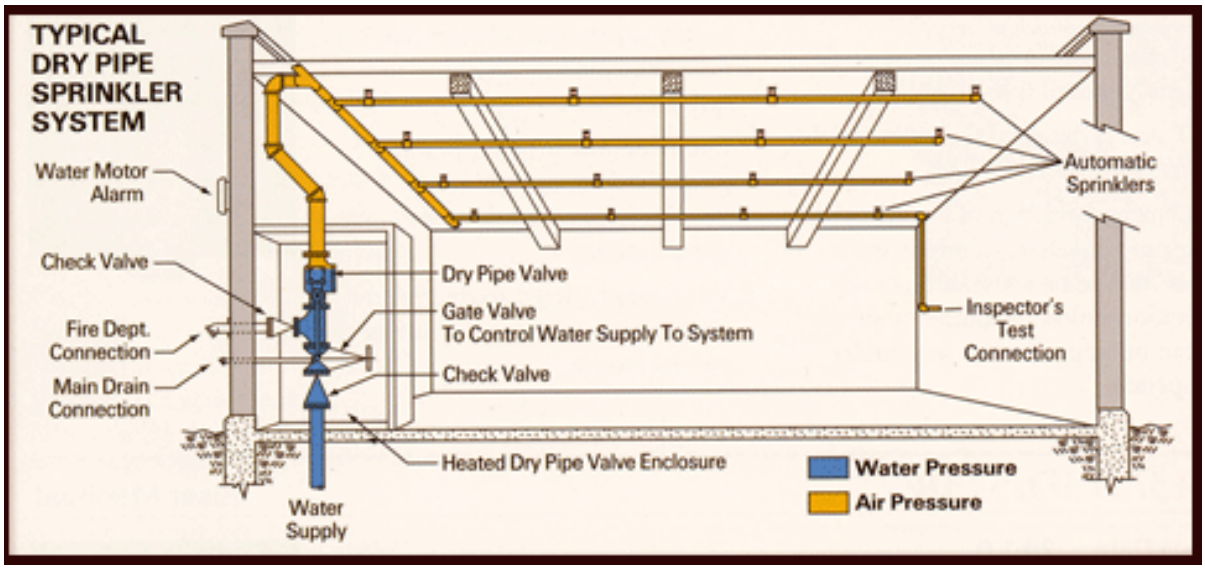

Figure 1: Typical Dry Pipe Fire Suppression Distribution System
(Taken from: http://tmpcc.com:news, 2008)

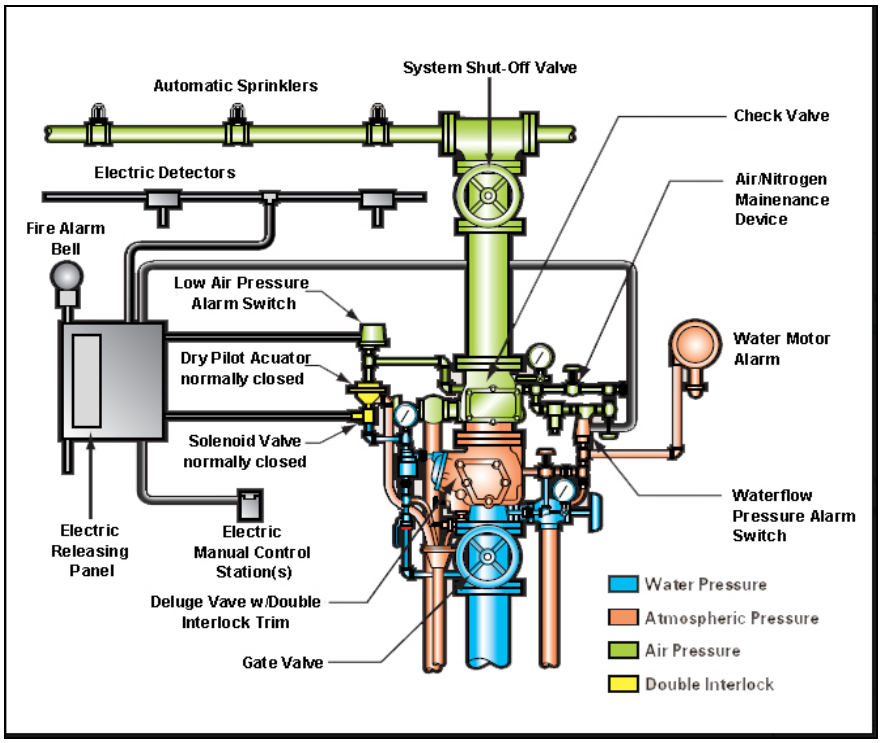

Figure 2: Representative Dry Pipe Valving Details
(Taken from: http://mh-mechanicalengineering.blogspot.com, 2012)

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Attachment 3

Permit Attachment B Revisions
Associated with TWF Part A Permit Application

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ATTACHMENT B

PART A APPLICATION

LA-UR- 09-04027

Approved for public release; distribution is unlimited.

Title:	Los Alamos National Laboratory General Part A Permit Application Revision 6.0
Author(s):	ENV-RCRA Group
Intended for:	New Mexico Environment Department- Hazardous Waste Bureau

Los Alamos
NATIONAL LABORATORY
EST.1943

Form 836 (7/06)

SEND COMPLETED FORM TO: The Appropriate State or EPA Regional Office.	United States Environmental Protection Agency **RCRA SUBTITLE C SITE IDENTIFICATION FORM**	

1. Reason for Submittal (See instructions on page 14.) MARK ALL BOX(ES) THAT APPLY	**Reason for Submittal:** ❑ To provide Initial Notification of Regulated Waste Activity (to obtain an EPA ID Number for hazardous waste, universal waste, or used oil activities) ❑ To provide Subsequent Notification of Regulated Waste Activity (to update site identification information) ❑ As a component of a First RCRA Hazardous Waste Part A Permit Application ☒ As a component of a Revised RCRA Hazardous Waste Part A Permit Application (Amendment # 6.0 June 2009) ❑ As a component of the Hazardous Waste Report	
2. Site EPA ID Number (page 15)	**EPA ID Number** |_N_| M_|_0_| |_8_|_9_|_0_| |_0_|_1_|_0_| |_5_|_1_|_5_|	
3. Site Name (page 15)	**Name:** Los Alamos National Laboratory	
4. Site Location Information (page 15)	**Street Address:** 4200 West Jemez Road, Suite 200 B	
	City, Town, or Village: Los Alamos	**State:** NM
	County Name: Los Alamos	**Zip Code:** 87544
5. Site Land Type (page 15)	**Site Land Type:** ❑ Private ❑ County ❑ District ☒ Federal ❑ Indian ❑ Municipal ❑ State ❑ Other	
6. North American Industry Classification System (NAICS) Code(s) for the Site (page 15)	**A.** |_9_|_2_|_8_|_1_|_1_|___|	**B.** |__5_|_4__|_1__|_7__|__1_|___|
	C. |__5_|_6__|__2_|__2_|_1__|___|	**D.** |_5__|__6_|__2_|__2_|_1__|_2__|
7. Site Mailing Address (page 16)	**Street or P. O. Box:** P.O. Box 1663	
	City, Town, or Village: Los Alamos	
	State: NM	
	Country: United States	**Zip Code:** 87545
8. Site Contact Person (page 16)	**First Name:** Donald **MI:** L	**Last Name:** Winchell, Jr.
	Phone Number: 505-667-5105 **Extension:**	**Email address:** dwinchell@doeal.gov
9. Operator and Legal Owner of the Site (pages 16 and 17)	**A. Name of Site's Operator:** Los Alamos National Security, LLC.	**Date Became Operator (mm/dd/yyyy):** **06/01/2006**
	Operator Type: ☒ Private ❑ County ❑ District ❑ Federal ❑ Indian ❑ Municipal ❑ State ❑ Other	
	A. Name of Site's Legal Owner: Department of Energy, National Nuclear Security Administration	**Date Became Owner (mm/dd/yyyy):** **01/01/1943**

	Owner Type: ☐ Private ☐ County ☐ District ☒ Federal ☐ Indian ☐ Municipal ☐ State ☐ Other

9. Legal Owner (Continued) Address	**Street or P. O. Box:** 3747 West Jemez Road	
	City, Town, or Village: Los Alamos	
	State: NM	
	Country: USA	**Zip Code:** 87544

10. Type of Regulated Waste Activity

Mark "Yes" or "No" for all activities; complete any additional boxes as instructed. (See instructions on pages 18 to 21.)

A. Hazardous Waste Activities

Complete all parts for 1 through 6.

Y ☒ N ☐ **1. Generator of Hazardous Waste**

If "Yes", choose only one of the following – a, b, or c.

☒ a. LQC: Greater than 1,000 kg/mo (2,200 lbs./mo.) of non-acute hazardous waste; or

☐ b. SQG: 100 to 1,000 kg/mo (220-2,200 lbs./mo.) of non-acute hazardous waste; or

☐ c. CESQG: Less than 100 kg/mo (220 lbs./mo.) of non-acute hazardous waste

In addition, indicate other generator activities.

Y ☐ N ☒ d. United States Importer of Hazardous Waste

Y ☒ N ☐ e. Mixed Waste (hazardous and radioactive) Generator

Y ☒ N ☐ **2. Transporter of Hazardous Waste**

Y ☒ N ☐ **3. Treater, Storer, or Disposer of Hazardous Waste (at your site)**
Note: A hazardous waste permit is required for this activity.

Y ☐ N ☒ **4. Recycler of Hazardous Waste (at your site)**

Y ☐ N ☒ **5. Exempt Boiler and/or Industrial Furnace**

If "Yes", mark each that applies.

☐ a. Small Quantity On-site Burner Exemption

☐ b. Smelting, Melting, and Refining Furnace Exemption

Y ☐ N ☒ **6. Underground Injection Control**

B. Universal Waste Activities

Y ☒ N ☐ **1. Large Quantity Handler of Universal Waste (accumulate 5,000 kg or more) [refer to your State regulations to determine what is regulated]. Indicate types of universal waste generated and/or accumulated at your site. If "Yes", mark all boxes that apply:**

	Generate	Accumulate
a. Batteries	☒	☒
b. Pesticides	☒	☒
c. Thermostats	☒	☒
d. Lamps	☒	☒
e. Other (specify) _____	☐	☐
f. Other (specify) _____	☐	☐
g. Other (specify) _____	☐	☐

C. Used Oil Activities

Mark all boxes that apply.

Y ☐ N ☒ **1. Used Oil Transporter**

If "Yes", mark each that applies.

☐ a. Transporter

☐ b. Transfer Facility

Y ☐ N ☒ **2. Used Oil Processor and/or Re-refiner**

If "Yes", mark each that applies.

☐ a. Processor

☐ b. Re-refiner

Y ☐ N ☒ **3. Off-Specification Used Oil Burner**

Y ☐ N ☒ **1. Used Oil Fuel Marketer**

If "Yes", mark each that applies.

☐ a. Marketer who Directs Shipment of Off-Specification Used Oil to Off-

Y ☐ N ☒ **2. Destination Facility for Universal Waste** Note: A hazardous waste permit may be required for this activity.	Specification Used Oil Burner ☐ b. Marketer who First Claims the Used Oil Meets Specifications

11. Description of Hazardous Wastes (See instructions on page 22.)

A. 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.						

B. Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Wastes. Please list the waste codes of the State-regulated 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 for waste codes.

12. Comments (See instructions on page 22.)

13. 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.

For the RCRA Hazardous Waste Part A Permit Application, all operator(s) and owner(s) must sign (see 40 CFR 270.10(b) and 270.11) **(See instructions on page 22.)**

Signature of operator, owner, or an authorized representative	**Name and Official Title (type or print)**	**Date Signed (mm/dd/yyyy)**
Cindy Dutro	James C. Cantwell, Associate Director for Environment, Safety, Health and Quality	06/29/2009
Donald L. Winchell	Donald L. Winchell, Jr., DOE/LASO Manager	6/30/09

11. Description of Hazardous Wastes

A. 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

11. Description of Hazardous Wastes

A. 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						

EPA ID NO: |__N__|__M__|__0__| |__8__|__9__|__0__| |__0__|__1__|__0__| |__5__|__1__|__5__|

United States Environmental Protection Agency

HAZARDOUS WASTE PERMIT INFORMATION FORM

1. Facility Permit Contact (See instructions on page 23)	First Name: Donald	MI: L	Last Name: Winchell, Jr.
	Phone Number: 505-667-5105		Phone Number Extension:
2. Facility Permit Contact Mailing Address (See instructions on page 23)	Street or P. O. Box: 3747 West Jemez Road		
	City, Town, or Village: Los Alamos		
	State: NM		
	Country: USA		Zip Code: 87544
3. Operator Mailing Address and Telephone Number (See instructions on page 23)	Street or P. O. Box: P.O. Box 1663		
	City, Town, or Village: Los Alamos		
	State: NM		
	Country: USA	Zip Code: 87545	Phone Number: 505-667-4218
4. Legal Owner Mailing Address and Telephone Number (See instructions on page 23)	Street or P. O. Box: 3747 West Jemez Road		
	City, Town, or Village: Los Alamos		
	State: NM		
	Country: USA	Zip Code: 87544	Phone Number: 505-667-5105
5. Facility Existence Date (See instructions on page 24)	Facility Existence Date (mm/dd/yyyy): 01/01/1943		

6. Other Environmental Permits (See instructions on page 24)

A. Permit Type (*Enter code*)	B. Permit Number	C. Description
See attached		

7. Nature of Business (Provide a brief description; see instructions on page 24)

LANLs central mission 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.

8. Process Codes and Design Capacities (See instructions on page 24) – Enter information in the Sections on Form Page 3.

A. PROCESS CODE - *Enter the code from the list of process codes in the table below that best describes each process to be used at the facility. Fifteen lines are provided for entering codes. If more lines are needed, attach a separate sheet of paper with the additional information. For "other" processes (i.e., D99, S99, T04, and X99), enter the process information in Item 9 (including a description).*

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

1. AMOUNT - *Enter the amount. In a case where design capacity is not applicable (such as in a closure/post-closure or enforcement action)* enter the total amount of waste for that process.
2. UNIT OF MEASURE - *For each amount entered in Section B(1), enter the code in Section B(2) from the list of unit of measure codes below that describes the unit of measure used. Select only from the units of measure in this list.*

C. PROCESS TOTAL NUMBER OF UNITS - *Enter the total number of units for each corresponding process code.*

PROCESS CODE	PROCESS	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
	Disposal:	
D79	Underground Injection Well Disposal	Gallons; Liters; Gallons Per Day; or Liters Per Day
D80	Landfill	Acre-feet; Hectare-meter; Acres; Cubic Meters; Hectares; Cubic Yards
D81	Land Application	Acres or Hectares
D82	Ocean Disposal	Gallons Per Day or Liters Per Day
D83	Surface Impoundment Disposal	Gallons; Liters; Cubic Meters; or Cubic Yards
D99	Other Storage	Any Unit of Measure in Code Table
	Storage:	
S01	Container	Gallons; Liters; Cubic Meters; or Cubic Yards
S02	Tank Storage	Gallons; Liters; Cubic Meters; or Cubic Yards
S03	Waste Pile	Cubic Yards or Cubic Meters
S04	Surface Impoundment Storage	Gallons; Liters; Cubic Meters; or Cubic Yards
S05	Drip Pad	Gallons; Liters; Acres; Cubic Meters; Hectares; or Cubic Yards
S06	Containment Building Storage	Cubic Yards or Cubic Meters
S99	Other Disposal	Any Unit of Measure in Code Table
	Treatment:	
T01	Tank Treatment	Gallons Per Day; Liters Per Day
T02	Surface Impoundment Treatment	Gallons Per Day; Liters Per Day
T03	Incinerator	Short Tons Per Hour; Metric Tons Per Hour; Gallons Per Hour; Liters Per Hour; Btu Per Hour; Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Gallons Per Day; Liters Per Day; Metric Tons Per Hour; or Million Btu Per Hour
T04	Other Treatment	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour; Gallons Per Day; Liters Per Hour; or Million Btu Per Hour
T80	Boiler	Gallons; Liters; Gallons Per Hour; Liters Per Hour; Btu Per Hour; or Million Btu Per Hour

PROCESS CODE	PROCESS	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
	Treatment (continued):	
T81	Cement Kiln	For T81-T93: Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour; Liters Per Hour; Kilograms Per Hour; or Million Btu Per Hour
T82	Lime Kiln	
T83	Aggregate Kiln	
T84	Phosphate Kiln	
T85	Coke Oven	
T86	Blast Furnace	
T87	Smelting, Melting, Or Refining Furnace	
T88	Titanium Dioxide Chloride Oxidation Reactor	
T89	Methane Reforming Furnace	
T90	Pulping Liquor Recovery Furnace	
T91	Combustion Device Used In The Recovery Of Sulfur Values From Spent Sulfuric Acid	
T92	Halogen Acid Furnaces	
T93	Other Industrial Furnaces Listed in 40 CFR §260.10	
T94	Containment Building - Treatment	Cubic Yards; Cubic Meters; Short Tons Per Hour; Gallons Per Hour; Liters Per Hour; Btu Per Hour; Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Metric Tons Per Day; Gallons Per Day; Liters Per Day, Metric Tons Per Hour, or Million Btu Per Hour
	Miscellaneous (Subpart X):	
X01	Open Burning/Open Detonation	Any Unit of Measure in Code Table Below
X02	Mechanical Processing	Short Tons Per Hour; Metric Tons Per Hour; Short Tons Per Day; Metric Tons Per Day; Pounds Per Hour; Kilograms Per Hour; Gallons Per Hour; Liters Per Hour; or Gallons Per Day
X03	Thermal Unit	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; Btu Per Hour; or Million Btu Per Hour
X04	Geologic Repository	Cubic Yards; Cubic Meters; Acre-feet; Hectare-meter; Gallons; or Liters
X99	Other Subpart X	Any Unit Measure Listed Below

UNIT OF MEASURE	UNIT OF MEASURE CODE
Gallons	G
Gallons Per Hour	E
Gallons Per Day	U
Liters	L
Liters Per Hour	H
Liters Per Day	V

UNIT OF MEASURE	UNIT OF MEASURE CODE
Short Tons Per Hour	D
Metric Tons Per Hour	W
Short Tons Per Day	N
Metric Tons Per Day	S
Pounds Per Hour	J
Kilograms Per Hour	R
Million Btu Per Hour	X

UNIT OF MEASURE	UNIT OF MEASURE CODE
Cubic Yards	Y
Cubic Meters	C
Acres	B
Acre-feet	A
Hectares	Q
Hectare-meter	F
Btu Per Hour	I

X. Other Environmental Permits

A. Permit Type	B. Permit Number	C. Description
National Pollutant Discharge Elimination System (NPDES):		
NPDES Construction General Permit:		Construction Project Title
N	NMLEWG855	Los Alamos National Laboratory
N	NMR15FG67	Regional Wells Project
N	NMR15EZ86	TA-50 Pumphouse
N	NMR15EZ89	TA-55 Construction
N	NMR15FB75	Ski Hill By[ass Road
N	NMR15EZ87	TA-50 RLWTF
N	NMR15EZ75	DX Strategic Plan
N	NMR15EZ85	TA-33 Constructin Activities
N	NMR15EZ98	Deactivation and Decommission
Industrial Point Source Permit:		
N	NMR05GB21	Industrial point source discharges
NPDES Storm Water Multi-Sector General Permit (MSGP) for Industrial Activities:		
N	NMR05GB21	Los Alamos National Security, LLC
N	NMR05GK10	U.S. Department of Energy
Dredge and Fill Permits with the U.S. Army Corps of Engineers:		
	N/A	
Resource Conservation and Recovery Act (RCRA):		
R	NM0890010515-1	RCRA Hazardous Waste Facility Operating Permit
Groundwater Discharge Plans (GDP):		
E	DP-857	TA-46, SWWS Plant, Approved July 1992
E	DP-1132	TA-50, Radioactive Liquid Waste Treatment Facility (New Mexico Environment Department [NMED] approval pending)
E	DP-1589	Domestic Wastewater Septic Systems, Groundwater Discharge Permit Application, April 2006 (NMED approval pending)
Air Quality Permits:		
E	P100 M2	Air Quality Operating Permit (20.2.70 NMAC) LANL Air Emissions
E	2195	Air Quality (20.2.72 NMAC) Portable Rock Crusher
E	2195B-M1-R2	Air Quality (20.2.72 NMAC) TA-3 Steam Plant – Flue Gas Recirculation
E	2195F-R3	Air Quality (20.2.72 NMAC) TA-33 Generator
E	GCP3-2195-G-R1	Air Quality (20.2.72 NMAC) TA-60 Asphalt Plant
E	2195-H	Air Quality (20.2.72 NMAC) Data disintegrator
E	 #634-M-2 #632 #1081-M-1-R7	Air Quality (National Emission Standards for Hazardous Air Pollutants) Beryllium Machining: TA-3-141 TA-35-213 TA-55-4
E	2195-N	Air Quality (20.2.72 NMAC) Chemistry and Metallurgy Research Replacement Facility
E	NSR 2195-P	TA-33 1-225 kW/2-20 kW Diesel Generators
Septic Tank Permits:		
E	LA-12	TA-69-10, Seepage Pit
E	LA-13	TA-11-43, Leach Field

Septic Tank Permits (Continued):		
E	LA-21	TA-15-205, Leach Field
E	LA-24	TA-16-371, Holding Tank
E	LA-32	TA-33-31, Seepage Pit
E	LA-34	TA-33-87 Leach Field
E	LA-38	TA-16-175, Leach Field, tank replaced with new tanks 1194 & 1195
E	LA-39	TA-16-210, Leach Field
E	LA-44	TA-39-104, Evaporation Bed, replaced with TA-33-161
E	LA-45	TA-40-24, Leach Field
E	LA-46	TA-40-11 Leach Field
E	LA-49	TA-49-113, Evapotranspiration Bed
E	LA-50	TA-49-115, Evapotranspiration Bed
E	LA-59	TA-52-99, Seepage Pit
E	SF880258	TA-66-0001, Seepage Pit
E	SF890024	TA-39-111, Leach Field
E	SF890025	TA-72-8,39 Leach Field
E	SF89032R	TA-33-178, Leach Field
E	ES030243	TA-36-78, Leach Field
E	SF890589	TA-25-312, Leach Field
E	Unknown	TA-39-89, Leach Field
E	Unknown	TA-58-0049, Leach Field

EPA ID NO: |__N_|_M__|_0__| |_8__|_9__|_0__| |_0__|__1_|__0_| |_5__|_1__|_5__|

8. Process Codes and Design Capacities (Continued)

EXAMPLE FOR COMPLETING Item 8 (Shown in line number X-1 below): A facility has a storage tank, which can hold 533,788 gallons.

Line Number		A. Process Code (From list above)	B. PROCESS DESIGN CAPACITY (1) Amount (Specify)	B. (2) Unit of Measure (Enter code)	C. Process Total Number of Units	For Official Use Only
X	1	S 0 2	5 3 3 . 7 8 8	G	0 0 1	
		Technical Area 3				
	1	S 0 1	18,500	G	0 0 1	
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9					
1	0					
1	1					
1	2					
1	3					
1	4					

NOTE: If you need to list more than 15 process codes, attach an additional sheet(s) with the information in the same format as above. Number the lines sequentially, taking into account any lines that will be used for "other" processes (i.e., D99, S99, T04 and X99) in Item 9.

9. Other Processes (See instructions on page 25 and follow instructions from Item 8 for D99, S99, T04 and X99 process codes)

Line Number (Enter #s in sequence with Item 8)		A. Process Code (From list above)	B. PROCESS DESIGN CAPACITY (1) Amount (Specify)	B. (2) Unit of Measure (Enter code)	C. Process Total Number of Units	D. Description of Process
X	2	T 0 4	1 0 0 . 0 0 0	U	0 0 1	In-situ Vitrification

8. Process Codes and Design Capacities (Continued)

EXAMPLE FOR COMPLETING Item 8 (Shown in line number X-1 below): A facility has a storage tank, which can hold 533,788 gallons.

Line Number		A. Process Code (From list above)	B. PROCESS DESIGN CAPACITY (1) Amount (Specify)	B. (2) Unit of Measure (Enter code)	C. Process Total Number of Units	For Official Use Only
X	1	S 0 2	5 3 3 . 7 8 8	G	0 0 1	
		Technical Area 14				
	1	X 0 1	50/20	See Line 2	0 0 2	
	2		Units near TA-14-23 used for open burning/open detonation of explosive hazardous waste. Maximum amount treated by open burning is 50 pounds per burn; maximum amount treated by open detonation is 20 pounds per detonation.			
	3					
	4					
	5					
	6					
	7					
	8					
	9					
1	0					
1	1					
1	2					
1	3					
1	4					
1	5					

NOTE: If you need to list more than 15 process codes, attach an additional sheet(s) with the information in the same format as above. Number the lines sequentially, taking into account any lines that will be used for "other" processes (i.e., D99, S99, T04 and X99) in Item 9.

9. Other Processes (See instructions on page 25 and follow instructions from Item 8 for D99, S99, T04 and X99 process codes)

Line Number (Enter #s in sequence with Item 8)		A. Process Code (From list above)	B. PROCESS DESIGN CAPACITY (1) Amount (Specify)	B. (2) Unit of Measure (Enter code)	C. Process Total Number of Units	D. Description of Process
X	2	T 0 4	1 0 0 . 0 0 0	U	0 0 1	In-situ Vitrification

8. Process Codes and Design Capacities (Continued)

EXAMPLE FOR COMPLETING Item 8 (Shown in line number X-1 below): A facility has a storage tank, which can hold 533,788 gallons.

Line Number		A. Process Code (From list above)	B. PROCESS DESIGN CAPACITY (1) Amount (Specify)	B. (2) Unit of Measure (Enter code)	C. Process Total Number of Units	For Official Use Only
X	1	S 0 2	5 3 3 . 7 8 8	G	0 0 1	
			Technical Area 16			
	1	X 0 1	1,000 50/1,000	See Line 2	0 0 2	
	2		Pounds per burn Gallons per burn/pounds per burn			
	3					
	4					
	5					
	6					
	7					
	8					
	9					
1	0					
1	1					
1	2					
1	3					
1	4					
1	5					

NOTE: If you need to list more than 15 process codes, attach an additional sheet(s) with the information in the same format as above. Number the lines sequentially, taking into account any lines that will be used for "other" processes (i.e., D99, S99, T04 and X99) in Item 9.

9. Other Processes (See instructions on page 25 and follow instructions from Item 8 for D99, S99, T04 and X99 process codes)

Line Number (Enter #s in sequence with Item 8)		A. Process Code (From list above)	B. PROCESS DESIGN CAPACITY (1) Amount (Specify)	B. (2) Unit of Measure (Enter code)	C. Process Total Number of Units	D. Description of Process
X	2	T 0 4	1 0 0 . 0 0 0	U	0 0 1	In-situ Vitrification

8. Process Codes and Design Capacities (Continued)

EXAMPLE FOR COMPLETING Item 8 (Shown in line number X-1 below): A facility has a storage tank, which can hold 533,788 gallons.

Line Number		A. Process Code (From list above)	B. PROCESS DESIGN CAPACITY (1) Amount (Specify)	B. (2) Unit of Measure (Enter code)	C. Process Total Number of Units	For Official Use Only
X	1	S 0 2	5 3 3 . 7 8 8	G	0 0 1	
			Technical Area 36			
	1	X 0 1	2,000	See Line 2	0 0 1	
	2		Pounds per detonation			
	3					
	4					
	5					
	6					
	7					
	8					
	9					
1	0					
1	1					
1	2					
1	3					
1	4					
1	5					

NOTE: If you need to list more than 15 process codes, attach an additional sheet(s) with the information in the same format as above. Number the lines sequentially, taking into account any lines that will be used for "other" processes (i.e., D99, S99, T04 and X99) in Item 9.

9. Other Processes (See instructions on page 25 and follow instructions from Item 8 for D99, S99, T04 and X99 process codes)

Line Number (Enter #s in sequence with Item 8)		A. Process Code (From list above)	B. PROCESS DESIGN CAPACITY (1) Amount (Specify)	B. (2) Unit of Measure (Enter code)	C. Process Total Number of Units	D. Description of Process
X	2	T 0 4	1 0 0 . 0 0 0	U	0 0 1	In-situ Vitrification

8. Process Codes and Design Capacities (Continued)

EXAMPLE FOR COMPLETING Item 8 (Shown in line number X-1 below): A facility has a storage tank, which can hold 533,788 gallons.

Line Number		A. Process Code (From list above)	B. PROCESS DESIGN CAPACITY (1) Amount (Specify)	B. PROCESS DESIGN CAPACITY (2) Unit of Measure (Enter code)	C. Process Total Number of Units	For Official Use Only
X	1	S 0 2	5 3 3 . 7 8 8	G	0 0 1	
		Technical Area 39				
	1	X 0 1	2,000	See Line 2	0 0 2	
	2		1, 000 pounds per detonation at each unit.			
	3					
	4					
	5					
	6					
	7					
	8					
	9					
1	0					
1	1					
1	2					
1	3					
1	4					
1	5					

NOTE: If you need to list more than 15 process codes, attach an additional sheet(s) with the information in the same format as above. Number the lines sequentially, taking into account any lines that will be used for "other" processes (i.e., D99, S99, T04 and X99) in Item 9.

9. Other Processes (See instructions on page 25 and follow instructions from Item 8 for D99, S99, T04 and X99 process codes)

Line Number (Enter #s in sequence with Item 8)		A. Process Code (From list above)	B. PROCESS DESIGN CAPACITY (1) Amount (Specify)	B. PROCESS DESIGN CAPACITY (2) Unit of Measure (Enter code)	C. Process Total Number of Units	D. Description of Process
X	2	T 0 4	1 0 0 . 0 0 0	U	0 0 1	In-situ Vitrification

8. Process Codes and Design Capacities (Continued)

EXAMPLE FOR COMPLETING Item 8 (Shown in line number X-1 below): A facility has a storage tank, which can hold 533,788 gallons.

Line Number		A. Process Code (From list above)	B. PROCESS DESIGN CAPACITY (1) Amount (Specify)	B. PROCESS DESIGN CAPACITY (2) Unit of Measure (Enter code)	C. Process Total Number of Units	For Official Use Only
X	1	S 0 2	5 3 3 . 7 8 8	G	0 0 1	
		Technical Area 50				
	1	S 0 1	31,500	G	0 0 2	
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9					
1	0					
1	1					
1	2					
1	3					
1	4					
1	5					

NOTE: If you need to list more than 15 process codes, attach an additional sheet(s) with the information in the same format as above. Number the lines sequentially, taking into account any lines that will be used for "other" processes (i.e., D99, S99, T04 and X99) in Item 9.

9. Other Processes (See instructions on page 25 and follow instructions from Item 8 for D99, S99, T04 and X99 process codes)

Line Number(Enter #s in sequence with Item 8)		A. Process Code (From list above)	B. PROCESS DESIGN CAPACITY (1) Amount (Specify)	B. PROCESS DESIGN CAPACITY (2) Unit of Measure (Enter code)	C. Process Total Number of Units	D. Description of Process
X	2	T 0 4	1 0 0 . 0 0 0	U	0 0 1	In-situ Vitrification

8. Process Codes and Design Capacities (Continued)

EXAMPLE FOR COMPLETING Item 8 (Shown in line number X-1 below): A facility has a storage tank, which can hold 533,788 gallons.

Line Number		A. Process Code (From list above)	B. PROCESS DESIGN CAPACITY (1) Amount (Specify)	B. (2) Unit of Measure (Enter code)	C. Process Total Number of Units	For Official Use Only
X	1	S 0 2	5 3 3 . 7 8 8	G	0 0 1	
		Technical Area 54, Area L				
	1	S 0 1	407,880	G	0 0 1	
	2	D 8 0	1,200	See Lines 3-5	0 0 1	
	3		To be closed in accordance with Code of Federal Regulations (CFR), Title 40, Part 265, Subpart G. Permitted status is not requested. The unit of measure for capacity is cubic yards.			
	4					
	5					
	6					
	7					
	8					
	9					
1	0					
1	1					
1	2					
1	3					
1	4					
1	5					

NOTE: If you need to list more than 15 process codes, attach an additional sheet(s) with the information in the same format as above. Number the lines sequentially, taking into account any lines that will be used for "other" processes (i.e., D99, S99, T04 and X99) in Item 9.

9. Other Processes (See instructions on page 25 and follow instructions from Item 8 for D99, S99, T04 and X99 process codes)

Line Number (Enter #s in sequence with Item 8)		A. Process Code (From list above)	B. PROCESS DESIGN CAPACITY (1) Amount (Specify)	B. (2) Unit of Measure (Enter code)	C. Process Total Number of Units	D. Description of Process
X	1	T 0 4	1 0 0 . 0 0 0	U	0 0 1	*In-situ Vitrification*
	1	S99	600	See Line 2	001	Shaft Storage
	2		To be closed in accordance with Code of Federal Regulations (CFR), Title 40, Part 265, Subpart G . Permitted status is not requested. The unit of measure for capacity is gallons.			

8. Process Codes and Design Capacities (Continued)

EXAMPLE FOR COMPLETING Item 8 (Shown in line number X-1 below): A facility has a storage tank, which can hold 533,788 gallons.

Line Number		A. Process Code (From list above)	B. PROCESS DESIGN CAPACITY (1) Amount (Specify)	B. PROCESS DESIGN CAPACITY (2) Unit of Measure (Enter code)	C. Process Total Number of Units	For Official Use Only
X	1	S 0 2	5 3 3 . 7 8 8	G	0 0 1	
		Technical Area 54, Area G				
	1	S 0 1	3,664,150	G	0 0 8	
	2	S 0 1	4,950	See Line 4	0 0 1	
	3	D 8 0	14	See Line 5	0 0 1	
	4		To be closed in accordance with Code of Federal Regulations (CFR), Title 40, Part 265, Subpart G. Permitted status is not requested. The unit of measure for capacity is gallons.			
	5		To be closed in accordance with Code of Federal Regulations (CFR), Title 40, Part 265, Subpart G. Permitted status is not requested. The unit of measure for capacity is cubic yards.			
	6					
	7					
	8					
	9					
1	0					
1	1					
1	2					
1	3					
1	4					
1	5					

NOTE: If you need to list more than 15 process codes, attach an additional sheet(s) with the information in the same format as above. Number the lines sequentially, taking into account any lines that will be used for "other" processes (i.e., D99, S99, T04 and X99) in Item 9.

9. Other Processes (See instructions on page 25 and follow instructions from Item 8 for D99, S99, T04 and X99 process codes)

Line Number (Enter #s in sequence with Item 8)		A. Process Code (From list above)	B. PROCESS DESIGN CAPACITY (1) Amount (Specify)	B. PROCESS DESIGN CAPACITY (2) Unit of Measure (Enter code)	C. Process Total Number of Units	D. Description of Process
X	2	T 0 4	1 0 0 . 0 0 0	U	0 0 1	In-situ Vitrification

8. Process Codes and Design Capacities (Continued)

EXAMPLE FOR COMPLETING Item 8 (Shown in line number X-1 below): A facility has a storage tank, which can hold 533,788 gallons.

Line Number		A. Process Code (From list above)	B. PROCESS DESIGN CAPACITY (1) Amount (Specify)	B. (2) Unit of Measure (Enter code)	C. Process Total Number of Units	For Official Use Only
X	1	S 0 2	5 3 3 . 7 8 8	G	0 0 1	
Technical Area 54 West						
	1	S 0 1	11,600	G	0 0 2	
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9					
1	0					
1	1					
1	2					
1	3					
1	4					
1	5					

NOTE: If you need to list more than 15 process codes, attach an additional sheet(s) with the information in the same format as above. Number the lines sequentially, taking into account any lines that will be used for "other" processes (i.e., D99, S99, T04 and X99) in Item 9.

9. Other Processes (See instructions on page 25 and follow instructions from Item 8 for D99, S99, T04 and X99 process codes)

Line Number (Enter #s in sequence with Item 8)		A. Process Code (From list above)	B. PROCESS DESIGN CAPACITY (1) Amount (Specify)	B. (2) Unit of Measure (Enter code)	C. Process Total Number of Units	D. Description of Process
X	2	T 0 4	1 0 0 . 0 0 0	U	0 0 1	In-situ Vitrification

8. Process Codes and Design Capacities (Continued)

EXAMPLE FOR COMPLETING Item 8 (Shown in line number X-1 below): A facility has a storage tank, which can hold 533,788 gallons.

Line Number		A. Process Code (From list above)	B. PROCESS DESIGN CAPACITY (1) Amount (Specify)	B. PROCESS DESIGN CAPACITY (2) Unit of Measure (Enter code)	C. Process Total Number of Units	For Official Use Only
X	1	S 0 2	5 3 3 . 7 8 8	G	0 0 1	
		Technical Area, 54 Material Disposal Area H				
	1	D 8 0	6 3	See Line 2	0 0 1	
	2		To be closed in accordance with Code of Federal Regulations (CFR), Title 40, Part 265, Subpart G. Permitted status is not requested. The unit of measure for capacity is cubic yards.			
	3					
	4					
	5					
	6					
	7					
	8					
	9					
1	0					
1	1					
1	2					
1	3					
1	4					
1	5					

NOTE: If you need to list more than 15 process codes, attach an additional sheet(s) with the information in the same format as above. Number the lines sequentially, taking into account any lines that will be used for "other" processes (i.e., D99, S99, T04 and X99) in Item 9.

9. Other Processes (See instructions on page 25 and follow instructions from Item 8 for D99, S99, T04 and X99 process codes)

Line Number (Enter #s in sequence with Item 8)		A. Process Code (From list above)	B. PROCESS DESIGN CAPACITY (1) Amount (Specify)	B. PROCESS DESIGN CAPACITY (2) Unit of Measure (Enter code)	C. Process Total Number of Units	D. Description of Process
X	2	T 0 4	1 0 0 . 0 0 0	U	0 0 1	In-situ Vitrification

8. Process Codes and Design Capacities (Continued)

EXAMPLE FOR COMPLETING Item 8 (Shown in line number X-1 below): A facility has a storage tank, which can hold 533,788 gallons.

Line Number		A. Process Code (From list above)	B. PROCESS DESIGN CAPACITY (1) Amount (Specify)	B. PROCESS DESIGN CAPACITY (2) Unit of Measure (Enter code)	C. Process Total Number of Units	For Official Use Only
X	1	S 0 2	5 3 3 . 7 8 8	G	0 0 1	
		Technical Area 55				
	1	S 0 1	178,500	G	0 0 6	
	2	S 0 2	137	G	0 0 1	
	3					
	4					
	5					
	6					
	7					
	8					
	9					
1	0					
1	1					
1	2					
1	3					
1	4					
1	5					

NOTE: If you need to list more than 15 process codes, attach an additional sheet(s) with the information in the same format as above. Number the lines sequentially, taking into account any lines that will be used for "other" processes (i.e., D99, S99, T04 and X99) in Item 9.

9. Other Processes (See instructions on page 25 and follow instructions from Item 8 for D99, S99, T04 and X99 process codes)

Line Number (Enter #s in sequence with Item 8)		A. Process Code (From list above)	B. PROCESS DESIGN CAPACITY (1) Amount (Specify)	B. PROCESS DESIGN CAPACITY (2) Unit of Measure (Enter code)	C. Process Total Number of Units	D. Description of Process
X	2	T 0 4				*In-situ Vitrification*
	1	T 0 4	150	G	0 0 1	Solidification

7. Process Codes and Design Capacities (Continued)

EXAMPLE FOR COMPLETING Item 7 (shown in line number X-1 below): A facility has a storage tank, which can hold 533.788 gallons.

Line Number		A. Process Code (From list above)			B. PROCESS DESIGN CAPACITY (1) Amount (Specify)	B. PROCESS DESIGN CAPACITY (2) Unit of Measure	C. Process Total Number of Units	For Official Use Only					
X	1	S	0	2	533.788	G	001						
					Technical Area 63								
	1				105,875	G	001						
	2												
	3												
	4												
	5												
	6												
	7												
	8												
	9												
1	0												
1	1												
1	2												
1	3												

Note: If you need to list more than 13 process codes, attach an additional sheet(s) with the information in the same format as above. Number the lines sequentially, taking into account any lines that will be used for "other" process (i.e., D99, S99, T04 and X99) in Item 8.

8. Other Processes (Follow instructions from Item 7 for D99, S99, T04 and X99 process codes)

Line Number (Enter #s in sequence with Item 7)		A. Process Code (From list above)			B. PROCESS DESIGN CAPACITY (1) Amount (Specify)	(2) Unit of Measure	C. Process Total Number of Units	For Official Use Only					
X	2	T	0	4	100.00	U	001						

10. Descriptions of Hazardous Wastes (see instructions on page 25) – Enter information in the Sections on Form Page 5.

A. EPA HAZARDOUS WASTE NUMBER – *Enter the four-digit number from 40 CFR, Part 261 Subpart D of each listed hazardous waste you will handle. For hazardous wastes which are not listed in 40 CFR, Part 261 Subpart D, enter the four-digit number(s) from 40 CFR 261, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.*

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

C. UNIT OF MEASURE – *For each quantity entered in Section B, enter the unit of measure code. Units of measure which must be used and the appropriate codes are:*

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

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

D. PROCESSES

1. PROCESS CODES:

For listed hazardous waste: For each listed hazardous waste entered in Section A, select the code(s) from the list of process codes contained in Items 8A and 9A on page 3 to indicate all the processes that will be used to store, treat, and/or dispose of all the listed hazardous wastes.

For non-listed hazardous waste: for each characteristic or toxic contaminant entered in Section A, select the code(s) from the list of process codes contaminated in Items 8A and 9A on page 3 to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

NOTE: THREE SPACES ARE PROVIDED FOR ENTERING PROCESS CODES. IF MORE ARE NEEDED:

1. Enter the first two as described above.

2. Enter "000" in the extreme right box of Item 10.D(1).

3. Use additional sheet, enter line number from previous sheet, and enter additional code(s) in Item 10.E.

2. PROCESS DESCRIPTION: *If a code is not listed for a process that will be used, describe the process in Item 10.D(2) or in Item 10.E(2).*

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER – Hazardous waste that can be described by more than one EPA Hazardous Waste Number shall be descried on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in Section A. On the same line complete Sections B, C and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.

2. In Section A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In Section D(2) on that line enter "included with above" and make no other entries on that line.

3. Repeat step 2 for each EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING Item 10 (shown in line numbers X-1, X-2, X-3, and X-4 below) – A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operations. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes area corrosive only and there will be an estimated 200 pounds pre year of each waste. The other waste is corrosive and ignitable and these will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION- (If a code is not entered in D(1))
X 1	K 0 5 4	900	P	T 0 3	D 8 0		
X 2	D 0 0 2	400	P	T 0 3	D 8 0		
X 3	D 0 0 1	100	P	T 0 3	D 8 0		
X 4	D 0 0 2						Included With Above

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 3							
1	D 0 0 1	7,000	P	S 0 1			
2	D 0 0 2	21,000	P	S 0 1			
3	D 0 0 3	2,500	P	S 0 1			
4	D 0 0 4	3,000	P	S 0 1			
5	D 0 0 5	3,000	P	S 0 1			
6	D 0 0 6	2,500	P	S 0 1			
7	D 0 0 7	7,000	P	S 0 1			
8	D 0 0 8	27,000	P	S 0 1			
9	D 0 0 9	4,000	P	S 0 1			
10	D 0 1 0	2,500	P	S 0 1			
11	D 0 1 1	3,000	P	S 0 1			
12	D 0 1 2	1,000	P	S 0 1			
13	D 0 1 8	1,500	P	S 0 1			
14	D 0 1 9	2,000	P	S 0 1			
15	D 0 2 1	2,000	P	S 0 1			
16	D 0 2 2	2,000	P	S 0 1			
17	D 0 2 3	2,000	P	S 0 1			
18	D 0 2 4	2,000	P	S 0 1			
19	D 0 2 5	2,000	P	S 0 1			
20	D 0 2 6	2,000	P	S 0 1			
21	D 0 2 7	1,500	P	S 0 1			
22	D 0 2 8	2,000	P	S 0 1			
23	D 0 2 9	1,000	P	S 0 1			
24	D 0 3 0	1,500	P	S 0 1			
25	D 0 3 2	1,500	P	S 0 1			
26	D 0 3 3	1,500	P	S 0 1			
27	D 0 3 4	1,500	P	S 0 1			
28	D 0 3 5	3,500	P	S 0 1			
29	D 0 3 6	1,500	P	S 0 1			
30	D 0 3 7	1,000	P	S 0 1			
31	D 0 3 8	1,500	P	S 0 1			
32	D 0 3 9	2,500	P	S 0 1			
33	D 0 4 0	2,500	P	S 0 1			
34	D 0 4 2	1,500	P	S 0 1			
35	D 0 4 3	1,500	P	S 0 1			
36	F 0 0 1	21,000	P	S 0 1			
37	F 0 0 2	21,000	P	S 0 1			
38	F 0 0 3	21,000	P	S 0 1			
39	F 0 0 4	2,500	P	S 0 1			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 3 (Continued)							
4 0	F 0 0 5	21,000	P	S 0 1			
4 1	F 0 0 6	500	P	S 0 1			
4 2	F 0 0 7	500	P	S 0 1			
4 3	F 0 0 9	500	P	S 0 1			
4 4	P 0 0 3	1,000	P	S 0 1			
4 5	P 0 1 2	1,000	P	S 0 1			
4 6	P 0 1 5	1,000	P	S 0 1			
4 7	P 0 2 9	1,000	P	S 0 1			
4 8	P 0 3 0	1,000	P	S 0 1			
4 9	P 0 3 1	1,000	P	S 0 1			
5 0	P 0 3 8	1,000	P	S 0 1			
5 1	P 0 5 6	1,000	P	S 0 1			
5 2	P 0 6 3	1,000	P	S 0 1			
5 3	P 0 6 8	1,000	P	S 0 1			
5 4	P 0 7 3	1,000	P	S 0 1			
5 5	P 0 7 6	1,000	P	S 0 1			
5 6	P 0 7 8	1,000	P	S 0 1			
5 7	P 0 9 5	1,000	P	S 0 1			
5 8	P 0 9 6	1,000	P	S 0 1			
5 9	P 0 9 8	1,000	P	S 0 1			
6 0	P 0 9 9	500	P	S 0 1			
6 1	P 1 0 6	1,000	P	S 0 1			
6 2	P 1 1 3	1,000	P	S 0 1			
6 3	P 1 2 0	1,000	P	S 0 1			
6 4	U 0 0 1	1,000	P	S 0 1			
6 5	U 0 0 2	1,000	P	S 0 1			
6 6	U 0 0 3	1,000	P	S 0 1			
6 7	U 0 1 2	1,000	P	S 0 1			
6 8	U 0 1 9	1,000	P	S 0 1			
6 9	U 0 2 2	1,000	P	S 0 1			
7 0	U 0 2 9	1,000	P	S 0 1			
7 1	U 0 3 1	1,000	P	S 0 1			
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			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 3 (Continued)							
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 8	1,000	P	S 0 1			
8 2	U 1 0 3	500	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			
1 0 0	U 1 6 5	1,000	P	S 0 1			
1 0 1	U 1 6 9	1,000	P	S 0 1			
1 0 2	U 1 8 8	1,000	P	S 0 1			
1 0 3	U 1 9 0	1,000	P	S 0 1			
1 0 4	U 1 9 6	1,000	P	S 0 1			
1 0 5	U 2 0 4	1,000	P	S 0 1			
1 0 6	U 2 1 0	1,000	P	S 0 1			
1 0 7	U 2 1 1	1,000	P	S 0 1			
1 0 8	U 2 1 3	1,000	P	S 0 1			
1 0 9	U 2 1 6	1,000	P	S 0 1			
1 1 0	U 2 1 8	1,000	P	S 0 1			
1 1 1	U 2 1 9	1,000	P	S 0 1			
1 1 2	U 2 2 0	1,000	P	S 0 1			
1 1 3	U 2 2 5	500	P	S 0 1			
1 1 4	U 2 2 6	1,000	P	S 0 1			
1 1 5	U 2 2 7	500	P	S 0 1			
1 1 6	U 2 2 8	1,000	P	S 0 1			
1 1 7	U 2 3 9	5 0 0	P	S 0 1			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)

Line Number	*A. EPA Hazardous Waste No. (Enter code)*	*B. Estimated Annual Quantity of Waste*	*C. Unit of Measure (Enter code)*	*D. PROCESSES (1) PROCESS CODES (Enter code)*			*(2) PROCESS DESCRIPTION (If a code is not entered in D(1))*
			Technical Area 3 (Continued)				
1 1 8	U 2 4 6	500	P	S 0 1			

EPA ID NO: |__N__|__M__|__0__| |__8__|__9__|__0__| |__0__|__1__|__0__| |__5__|__1__|__5__|

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 14							
1	D 0 0 1	2,000	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 1						Included with above.
9	D 0 1 8						Included with above.
10	D 0 2 2						Included with above.
11	D 0 2 8						Included with above.
12	D 0 2 9						Included with above.
13	D 0 3 0						Included with above.
14	D 0 3 5						Included with above.
15	D 0 3 6						Included with above.
16	D 0 3 8						Included with above.
17	D 0 4 0						Included with above.
18	F 0 0 1						Included with above.
19	F 0 0 2						Included with above.
20	F 0 0 3						Included with above.
21	F 0 0 4						Included with above.
22	F 0 0 5						Included with above.
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							

EPA ID NO: |__N_|_M__|_0__| |_8__|_9__|_0__| |_0__|__1_|__0_| |_5__|_1__|_5__|

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 16							
1	D 0 0 1	20,000	P	X 0 1			
2	D 0 0 2						Included with above.
3	D 0 0 3						Included with above.
4	D 0 0 5						Included with above.
5	D 0 0 6						Included with above.
6	D 0 0 7						Included with above.
7	D 0 0 8						Included with above.
8	D 0 0 9						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.
24	K 0 4 4						Included with above.
25	K 0 4 5						Included with above.
26	U 0 1 9						Included with above.
27	U 0 2 2						Included with above.
28	U 0 4 4						Included with above.
29	U 1 1 2						Included with above.
30	U 1 5 4						Included with above.
31	U 1 5 9						Included with above.
32	U 1 6 9						Included with above.
33	U 1 9 6						Included with above.
34	U 2 2 0						Included with above.
35	U 2 3 9						Included with above.
36							
37							
38							
39							

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
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 1						Included with above.
9	D 0 1 8						Included with above.
1 0	D 0 2 2						Included with above.
1 1	D 0 2 8						Included with above.
1 2	D 0 2 9						Included with above.
1 3	D 0 3 0						Included with above.
1 4	D 0 3 5						Included with above.
1 5	D 0 3 6						Included with above.
1 6	D 0 3 8						Included with above.
1 7	D 0 4 0						Included with above.
1 8	F 0 0 1						Included with above.
1 9	F 0 0 2						Included with above.
2 0	F 0 0 3						Included with above.
2 1	F 0 0 4						Included with above.
2 2	F 0 0 5						Included with above.
2 3							
2 4							
2 5							
2 6							
2 7							
2 8							
2 9							
3 0							
3 1							
3 2							
3 3							
3 4							
3 5							
3 6							
3 7							
3 8							
3 9							

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)

Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
				Technical Area 39			
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 1						Included with above.
9	D 0 1 8						Included with above.
1 0	D 0 2 2						Included with above.
1 1	D 0 2 8						Included with above.
1 2	D 0 2 9						Included with above.
1 3	D 0 3 0						Included with above.
1 4	D 0 3 5						Included with above.
1 5	D 0 3 6						Included with above.
1 6	D 0 3 8						Included with above.
1 7	D 0 4 0						Included with above.
1 8	F 0 0 1						Included with above.
1 9	F 0 0 2						Included with above.
2 0	F 0 0 3						Included with above.
2 1	F 0 0 4						Included with above.
2 2	F 0 0 5						Included with above.
2 3							
2 4							
2 5							
2 6							
2 7							
2 8							
2 9							
3 0							
3 1							
3 2							
3 3							
3 4							
3 5							
3 6							
3 7							
3 8							
3 9							

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 50							
1	D 0 0 1	69,696	P	S 0 1			
2	D 0 0 2	52,734	P	S 0 1			
3	D 0 0 3	3,444	P	S 0 1			
4	D 0 0 4	7,531	P	S 0 1			
5	D 0 0 5	7,740	P	S 0 1			
6	D 0 0 6	535, 451	P	S 0 1			
7	D 0 0 7	567, 226	P	S 0 1			
8	D 0 0 8	1,405,439	P	S 0 1			
9	D 0 0 9	75,666	P	S 0 1			
1 0	D 0 1 0	8,922	P	S 0 1			
1 1	D 0 1 1	31,255	P	S 0 1			
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			
1 9	D 0 1 9	4,261	P	S 0 1			
2 0	D 0 2 0	100	P	S 0 1			
2 1	D 0 2 1	100	P	S 0 1			
2 2	D 0 2 2	100	P	S 0 1			
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			
2 8	D 0 2 8	216,783	P	S 0 1			
2 9	D 0 2 9	215,184	P	S 0 1			
3 0	D 0 3 0	5,491	P	S 0 1			
3 1	D 0 3 1	293	P	S 0 1			
3 2	D 0 3 2	3,135	P	S 0 1			
3 3	D 0 3 3	2,222	P	S 0 1			
3 4	D 0 3 4	1,228	P	S 0 1			
3 5	D 0 3 5	1,792	P	S 0 1			
3 6	D 0 3 6	549	P	S 0 1			
3 7	D 0 3 7	761	P	S 0 1			
3 8	D 0 3 8	1,549	P	S 0 1			
3 9	D 0 3 9	1,675	P	S 0 1			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 50 (Continued)							
4 0	D 0 4 0	3,942	P	S 0 1			
4 1	D 0 4 1	293	P	S 0 1			
4 2	D 0 4 2	1,182	P	S 0 1			
4 3	D 0 4 3	655	P	S 0 1			
4 4	F 0 0 1	442,263	P	S 0 1			
4 5	F 0 0 2	147,347	P	S 0 1			
4 6	F 0 0 3	50,980	P	S 0 1			
4 7	F 0 0 4	2,817	P	S 0 1			
4 8	F 0 0 5	334,821	P	S 0 1			
4 9	F 0 0 6	100	P	S 0 1			
5 0	F 0 0 7	100	P	S 0 1			
5 1	F 0 0 8	100	P	S 0 1			
5 2	F 0 0 9	165	P	S 0 1			
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 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			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 50 (Continued)							
79	P001	100	P	S01			
80	P002	100	P	S01			
81	P003	293	P	S01			
82	P004	100	P	S01			
83	P005	100	P	S01			
84	P006	143	P	S01			
85	P007	100	P	S01			
86	P008	100	P	S01			
87	P009	100	P	S01			
88	P010	100	P	S01			
89	P011	143	P	S01			
90	P012	293	P	S01			
91	P013	100	P	S01			
92	P014	100	P	S01			
93	P015	293	P	S01			
94	P016	100	P	S01			
95	P017	100	P	S01			
96	P018	100	P	S01			
97	P020	100	P	S01			
98	P021	100	P	S01			
99	P022	100	P	S01			
100	P023	100	P	S01			
101	P024	100	P	S01			
102	P026	100	P	S01			
103	P027	100	P	S01			
104	P028	100	P	S01			
105	P029	293	P	S01			
106	P030	485	P	S01			
107	P031	485	P	S01			
108	P033	143	P	S01			
109	P034	100	P	S01			
110	P036	100	P	S01			
111	P037	100	P	S01			
112	P038	227	P	S01			
113	P039	100	P	S01			
114	P040	100	P	S01			
115	P041	100	P	S01			
116	P042	100	P	S01			
117	P043	143	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 50 (Continued)							
1 1 8	P 0 4 4	100	P	S 0 1			
1 1 9	P 0 4 5	100	P	S 0 1			
1 2 0	P 0 4 6	100	P	S 0 1			
1 2 1	P 0 4 7	100	P	S 0 1			
1 2 2	P 0 4 8	143	P	S 0 1			
1 2 3	P 0 4 9	100	P	S 0 1			
1 2 4	P 0 5 0	100	P	S 0 1			
1 2 5	P 0 5 1	100	P	S 0 1			
1 2 6	P 0 5 4	100	P	S 0 1			
1 2 7	P 0 5 6	2,624	P	S 0 1			
1 2 8	P 0 5 7	100	P	S 0 1			
1 2 9	P 0 5 8	100	P	S 0 1			
1 3 0	P 0 5 9	100	P	S 0 1			
1 3 1	P 0 6 0	100	P	S 0 1			
1 3 2	P 0 6 2	100	P	S 0 1			
1 3 3	P 0 6 3	293	P	S 0 1			
1 3 4	P 0 6 4	100	P	S 0 1			
1 3 5	P 0 6 5	100	P	S 0 1			
1 3 6	P 0 6 6	100	P	S 0 1			
1 3 7	P 0 6 7	100	P	S 0 1			
1 3 8	P 0 6 8	293	P	S 0 1			
1 3 9	P 0 6 9	100	P	S 0 1			
1 4 0	P 0 7 0	100	P	S 0 1			
1 4 1	P 0 7 1	100	P	S 0 1			
1 4 2	P 0 7 2	100	P	S 0 1			
1 4 3	P 0 7 3	293	P	S 0 1			
1 4 4	P 0 7 4	100	P	S 0 1			
1 4 5	P 0 7 5	100	P	S 0 1			
1 4 6	P 0 7 6	403	P	S 0 1			
1 4 7	P 0 7 7	100	P	S 0 1			
1 4 8	P 0 7 8	425	P	S 0 1			
1 4 9	P 0 8 1	100	P	S 0 1			
1 5 0	P 0 8 2	100	P	S 0 1			
1 5 1	P 0 8 4	100	P	S 0 1			
1 5 2	P 0 8 5	100	P	S 0 1			
1 5 3	P 0 8 7	100	P	S 0 1			
1 5 4	P 0 8 8	100	P	S 0 1			
1 5 5	P 0 8 9	100	P	S 0 1			
1 5 6	P 0 9 2	143	P	S 0 1			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 50 (Continued)							
157	P093	100	P	S01			
158	P094	100	P	S01			
159	P095	293	P	S01			
160	P096	293	P	S01			
161	P097	100	P	S01			
162	P098	293	P	S01			
163	P099	100	P	S01			
164	P101	100	P	S01			
165	P102	100	P	S01			
166	P103	100	P	S01			
167	P104	143	P	S01			
168	P105	143	P	S01			
169	P106	293	P	S01			
170	P108	100	P	S01			
171	P109	100	P	S01			
172	P110	100	P	S01			
173	P111	100	P	S01			
174	P112	143	P	S01			
175	P113	293	P	S01			
176	P114	100	P	S01			
177	P115	100	P	S01			
178	P116	100	P	S01			
179	P118	100	P	S01			
180	P119	143	P	S01			
181	P120	293	P	S01			
182	P121	100	P	S01			
183	P122	100	P	S01			
184	P123	100	P	S01			
185	P127	100	P	S01			
186	P128	100	P	S01			
187	P185	100	P	S01			
188	P188	100	P	S01			
189	P189	100	P	S01			
190	P190	100	P	S01			
191	P191	100	P	S01			
192	P192	100	P	S01			
193	P194	100	P	S01			
194	P196	100	P	S01			
195	P197	100	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 50 (Continued)							
196	P198	100	P	S01			
197	P199	100	P	S01			
198	P201	100	P	S01			
199	P202	100	P	S01			
200	P203	100	P	S01			
201	P204	100	P	S01			
202	P205	100	P	S01			
203	U001	293	P	S01			
204	U002	954	P	S01			
205	U003	485	P	S01			
206	U004	100	P	S01			
207	U005	100	P	S01			
208	U006	100	P	S01			
209	U007	143	P	S01			
210	U008	143	P	S01			
211	U009	143	P	S01			
212	U010	100	P	S01			
213	U011	100	P	S01			
214	U012	293	P	S01			
215	U014	100	P	S01			
216	U015	100	P	S01			
217	U016	100	P	S01			
218	U017	100	P	S01			
219	U018	143	P	S01			
220	U019	470	P	S01			
221	U020	100	P	S01			
222	U021	100	P	S01			
223	U022	293	P	S01			
224	U023	100	P	S01			
225	U024	100	P	S01			
226	U025	100	P	S01			
227	U026	100	P	S01			
228	U027	100	P	S01			
229	U028	100	P	S01			
230	U029	293	P	S01			
231	U030	100	P	S01			
232	U031	293	P	S01			
233	U032	100	P	S01			
234	U033	143	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 50 (Continued)							
235	U034	100	P	S01			
236	U035	100	P	S01			
237	U036	100	P	S01			
238	U037	143	P	S01			
239	U038	100	P	S01			
240	U039	100	P	S01			
241	U041	143	P	S01			
242	U042	100	P	S01			
243	U043	100	P	S01			
244	U044	293	P	S01			
245	U045	293	P	S01			
246	U046	100	P	S01			
247	U047	100	P	S01			
248	U048	100	P	S01			
249	U049	100	P	S01			
250	U050	100	P	S01			
251	U051	100	P	S01			
252	U052	293	P	S01			
253	U053	100	P	S01			
254	U055	143	P	S01			
255	U056	293	P	S01			
256	U057	293	P	S01			
257	U058	100	P	S01			
258	U059	100	P	S01			
259	U060	100	P	S01			
260	U061	100	P	S01			
261	U062	100	P	S01			
262	U063	100	P	S01			
263	U064	100	P	S01			
264	U066	100	P	S01			
265	U067	143	P	S01			
266	U068	143	P	S01			
267	U069	100	P	S01			
268	U070	165	P	S01			
269	U071	100	P	S01			
270	U072	100	P	S01			
271	U073	100	P	S01			
272	U074	100	P	S01			
273	U075	381	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 50 (Continued)							
274	U076	100	P	S01			
275	U077	293	P	S01			
276	U078	100	P	S01			
277	U079	100	P	S01			
278	U080	4,129	P	S01			
279	U081	100	P	S01			
280	U082	100	P	S01			
281	U083	100	P	S01			
282	U084	100	P	S01			
283	U085	143	P	S01			
284	U086	100	P	S01			
285	U087	100	P	S01			
286	U088	100	P	S01			
287	U089	100	P	S01			
288	U090	100	P	S01			
289	U091	518	P	S01			
290	U092	143	P	S01			
291	U093	100	P	S01			
292	U094	100	P	S01			
293	U095	100	P	S01			
294	U096	100	P	S01			
295	U097	100	P	S01			
296	U098	100	P	S01			
297	U099	100	P	S01			
298	U101	100	P	S01			
299	U102	100	P	S01			
300	U103	143	P	S01			
301	U105	100	P	S01			
302	U106	100	P	S01			
303	U107	100	P	S01			
304	U108	293	P	S01			
305	U109	143	P	S01			
306	U110	100	P	S01			
307	U111	100	P	S01			
308	U112	293	P	S01			
309	U113	100	P	S01			
310	U114	100	P	S01			
311	U115	293	P	S01			
312	U116	100	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 50 (Continued)							
313	U117	293	P	S01			
314	U118	100	P	S01			
315	U119	100	P	S01			
316	U120	100	P	S01			
317	U121	293	P	S01			
318	U122	778	P	S01			
319	U123	293	P	S01			
320	U124	143	P	S01			
321	U125	100	P	S01			
322	U126	100	P	S01			
323	U127	100	P	S01			
324	U128	100	P	S01			
325	U129	100	P	S01			
326	U130	100	P	S01			
327	U131	293	P	S01			
328	U132	100	P	S01			
329	U133	293	P	S01			
330	U134	667	P	S01			
331	U135	447	P	S01			
332	U136	143	P	S01			
333	U137	100	P	S01			
334	U138	100	P	S01			
335	U140	293	P	S01			
336	U141	100	P	S01			
337	U142	100	P	S01			
338	U143	100	P	S01			
339	U144	293	P	S01			
340	U145	293	P	S01			
341	U146	100	P	S01			
342	U147	100	P	S01			
343	U148	100	P	S01			
344	U149	100	P	S01			
345	U150	100	P	S01			
346	U151	884	P	S01			
347	U152	100	P	S01			
348	U153	143	P	S01			
349	U154	359	P	S01			
350	U155	100	P	S01			
351	U156	100	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 50 (Continued)							
3 5 2	U 1 5 7	100	P	S 0 1			
3 5 3	U 1 5 8	100	P	S 0 1			
3 5 4	U 1 5 9	315	P	S 0 1			
3 5 5	U 1 6 0	293	P	S 0 1			
3 5 6	U 1 6 1	470	P	S 0 1			
3 5 7	U 1 6 2	143	P	S 0 1			
3 5 8	U 1 6 3	143	P	S 0 1			
3 5 9	U 1 6 4	100	P	S 0 1			
3 6 0	U 1 6 5	293	P	S 0 1			
3 6 1	U 1 6 6	100	P	S 0 1			
3 6 2	U 1 6 7	143	P	S 0 1			
3 6 3	U 1 6 8	143	P	S 0 1			
3 6 4	U 1 6 9	293	P	S 0 1			
3 6 5	U 1 7 0	143	P	S 0 1			
3 6 6	U 1 7 1	100	P	S 0 1			
3 6 7	U 1 7 2	100	P	S 0 1			
3 6 8	U 1 7 3	100	P	S 0 1			
3 6 9	U 1 7 4	100	P	S 0 1			
3 7 0	U 1 7 6	100	P	S 0 1			
3 7 1	U 1 7 7	100	P	S 0 1			
3 7 2	U 1 7 8	100	P	S 0 1			
3 7 3	U 1 7 9	100	P	S 0 1			
3 7 4	U 1 8 0	100	P	S 0 1			
3 7 5	U 1 8 1	100	P	S 0 1			
3 7 6	U 1 8 2	100	P	S 0 1			
3 7 7	U 1 8 3	100	P	S 0 1			
3 7 8	U 1 8 4	100	P	S 0 1			
3 7 9	U 1 8 5	100	P	S 0 1			
3 8 0	U 1 8 6	100	P	S 0 1			
3 8 1	U 1 8 7	100	P	S 0 1			
3 8 2	U 1 8 8	293	P	S 0 1			
3 8 3	U 1 8 9	100	P	S 0 1			
3 8 4	U 1 9 0	293	P	S 0 1			
3 8 5	U 1 9 1	100	P	S 0 1			
3 8 6	U 1 9 2	100	P	S 0 1			
3 8 7	U 1 9 3	100	P	S 0 1			
3 8 8	U 1 9 4	100	P	S 0 1			
3 8 9	U 1 9 6	293	P	S 0 1			
3 9 0	U 1 9 7	100	P	S 0 1			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 50 (Continued)							
391	U 2 0 0	100	P	S 0 1			
392	U 2 0 1	100	P	S 0 1			
393	U 2 0 2	100	P	S 0 1			
394	U 2 0 3	100	P	S 0 1			
395	U 2 0 4	293	P	S 0 1			
396	U 2 0 5	100	P	S 0 1			
397	U 2 0 6	100	P	S 0 1			
398	U 2 0 7	100	P	S 0 1			
399	U 2 0 8	100	P	S 0 1			
400	U 2 0 9	100	P	S 0 1			
401	U 2 1 0	513	P	S 0 1			
402	U 2 1 1	359	P	S 0 1			
403	U 2 1 3	293	P	S 0 1			
404	U 2 1 4	100	P	S 0 1			
405	U 2 1 5	100	P	S 0 1			
406	U 2 1 6	293	P	S 0 1			
407	U 2 1 7	100	P	S 0 1			
408	U 2 1 8	293	P	S 0 1			
409	U 2 1 9	293	P	S 0 1			
410	U 2 2 0	491	P	S 0 1			
411	U 2 2 1	100	P	S 0 1			
412	U 2 2 2	100	P	S 0 1			
413	U 2 2 3	143	P	S 0 1			
414	U 2 2 5	293	P	S 0 1			
415	U 2 2 6	6,594	P	S 0 1			
416	U 2 2 7	293	P	S 0 1			
417	U 2 2 8	1,219	P	S 0 1			
418	U 2 3 4	100	P	S 0 1			
419	U 2 3 5	100	P	S 0 1			
420	U 2 3 6	100	P	S 0 1			
421	U 2 3 7	100	P	S 0 1			
422	U 2 3 8	100	P	S 0 1			
423	U 2 3 9	646	P	S 0 1			
424	U 2 4 0	143	P	S 0 1			
425	U 2 4 3	100	P	S 0 1			
426	U 2 4 4	100	P	S 0 1			
427	U 2 4 6	231	P	S 0 1			
428	U 2 4 7	100	P	S 0 1			
429	U 2 4 8	100	P	S 0 1			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 50 (Continued)							
430	U249	100	P	S01			
431	U271	100	P	S01			
432	U278	100	P	S01			
433	U279	100	P	S01			
434	U280	100	P	S01			
435	U328	100	P	S01			
436	U353	100	P	S01			
437	U359	100	P	S01			
438	U364	100	P	S01			
439	U367	100	P	S01			
440	U372	100	P	S01			
441	U373	100	P	S01			
442	U387	100	P	S01			
443	U389	100	P	S01			
444	U394	100	P	S01			
445	U395	100	P	S01			
446	U404	100	P	S01			
447	U409	100	P	S01			
448	U410	100	P	S01			
449	U411	100	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
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	20000	P	S 0 1			
3 1	D 0 3 1	12000	P	S 0 1			
3 2	D 0 3 2	19000	P	S 0 1			
3 3	D 0 3 3	19000	P	S 0 1			
3 4	D 0 3 4	19000	P	S 0 1			
3 5	D 0 3 5	20000	P	S 0 1			
3 6	D 0 3 6	9000	P	S 0 1			
3 7	D 0 3 7	7000	P	S 0 1			
3 8	D 0 3 8	4000	P	S 0 1			
3 9	D 0 3 9	10000	P	S 0 1			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, Area L (Continued)							
4 0	D 0 4 0	15000	P	S 0 1			
4 1	D 0 4 1	7000	P	S 0 1			
4 2	D 0 4 2	12000	P	S 0 1			
4 3	D 0 4 3	15000	P	S 0 1			
4 4	F 0 0 1	660000	P	S 0 1			
4 5	F 0 0 2	350000	P	S 0 1			
4 6	F 0 0 3	250000	P	S 0 1			
4 7	F 0 0 4	30000	P	S 0 1			
4 8	F 0 0 5	250000	P	S 0 1			
4 9	F 0 0 6	7000	P	S 0 1			
5 0	F 0 0 7	28000	P	S 0 1			
5 1	F 0 0 8	7000	P	S 0 1			
5 2	F 0 0 9	8000	P	S 0 1			
5 3	F 0 1 0	4000	P	S 0 1			
5 4	F 0 1 1	4000	P	S 0 1			
5 5	F 0 1 2	4000	P	S 0 1			
5 6	F 0 1 9	500	P	S 0 1			
5 7	F 0 2 0	500	P	S 0 1			
5 8	F 0 2 1	500	P	S 0 1			
5 9	F 0 2 2	500	P	S 0 1			
6 0	F 0 2 3	500	P	S 0 1			
6 1	F 0 2 4	500	P	S 0 1			
6 2	F 0 2 5	500	P	S 0 1			
6 3	F 0 2 6	500	P	S 0 1			
6 4	F 0 2 7	4000	P	S 0 1			
6 5	F 0 2 8	4000	P	S 0 1			
6 6	F 0 3 2	500	P	S 0 1			
6 7	F 0 3 4	500	P	S 0 1			
6 8	F 0 3 5	500	P	S 0 1			
6 9	F 0 3 7	500	P	S 0 1			
7 0	F 0 3 8	500	P	S 0 1			
7 1	F 0 3 9	4000	P	S 0 1			
7 2	K 0 4 4	22000	P	S 0 1			
7 3	K 0 4 5	4000	P	S 0 1			
7 4	K 0 4 6	4000	P	S 0 1			
7 5	K 0 4 7	4000	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			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, Area L (Continued)							
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			
1 0 0	P 0 2 3	4,000	P	S 0 1			
1 0 1	P 0 2 4	4,000	P	S 0 1			
1 0 2	P 0 2 6	4,000	P	S 0 1			
1 0 3	P 0 2 7	4,000	P	S 0 1			
1 0 4	P 0 2 8	4,000	P	S 0 1			
1 0 5	P 0 2 9	4,000	P	S 0 1			
1 0 6	P 0 3 0	4,000	P	S 0 1			
1 0 7	P 0 3 1	4,000	P	S 0 1			
1 0 8	P 0 3 3	4,000	P	S 0 1			
1 0 9	P 0 3 4	4,000	P	S 0 1			
1 1 0	P 0 3 6	4,000	P	S 0 1			
1 1 1	P 0 3 7	4,000	P	S 0 1			
1 1 2	P 0 3 8	4,000	P	S 0 1			
1 1 3	P 0 3 9	4,000	P	S 0 1			
1 1 4	P 0 4 0	4,000	P	S 0 1			
1 1 5	P 0 4 1	4,000	P	S 0 1			
1 1 6	P 0 4 2	4,000	P	S 0 1			
1 1 7	P 0 4 3	4,000	P	S 0 1			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, Area L (Continued)							
1 1 8	P 0 4 4	4,000	P	S 0 1			
1 1 9	P 0 4 5	4,000	P	S 0 1			
1 2 0	P 0 4 6	4,000	P	S 0 1			
1 2 1	P 0 4 7	4,000	P	S 0 1			
1 2 2	P 0 4 8	4,000	P	S 0 1			
1 2 3	P 0 4 9	4,000	P	S 0 1			
1 2 4	P 0 5 0	4,000	P	S 0 1			
1 2 5	P 0 5 1	4,000	P	S 0 1			
1 2 6	P 0 5 4	4,000	P	S 0 1			
1 2 7	P 0 5 6	4,000	P	S 0 1			
1 2 8	P 0 5 7	4,000	P	S 0 1			
1 2 9	P 0 5 8	4,000	P	S 0 1			
1 3 0	P 0 5 9	4,000	P	S 0 1			
1 3 1	P 0 6 0	4,000	P	S 0 1			
1 3 2	P 0 6 2	4,000	P	S 0 1			
1 3 3	P 0 6 3	4,000	P	S 0 1			
1 3 4	P 0 6 4	4,000	P	S 0 1			
1 3 5	P 0 6 5	4,000	P	S 0 1			
1 3 6	P 0 6 6	4,000	P	S 0 1			
1 3 7	P 0 6 7	4,000	P	S 0 1			
1 3 8	P 0 6 8	4,000	P	S 0 1			
1 3 9	P 0 6 9	4,000	P	S 0 1			
1 4 0	P 0 7 0	4,000	P	S 0 1			
1 4 1	P 0 7 1	4,000	P	S 0 1			
1 4 2	P 0 7 2	4,000	P	S 0 1			
1 4 3	P 0 7 3	4,000	P	S 0 1			
1 4 4	P 0 7 4	4,000	P	S 0 1			
1 4 5	P 0 7 5	4,000	P	S 0 1			
1 4 6	P 0 7 6	4,000	P	S 0 1			
1 4 7	P 0 7 7	4,000	P	S 0 1			
1 4 8	P 0 7 8	4,000	P	S 0 1			
1 4 9	P 0 8 1	4,000	P	S 0 1			
1 5 0	P 0 8 2	4,000	P	S 0 1			
1 5 1	P 0 8 4	4,000	P	S 0 1			
1 5 2	P 0 8 5	4,000	P	S 0 1			
1 5 3	P 0 8 7	4,000	P	S 0 1			
1 5 4	P 0 8 8	4,000	P	S 0 1			
1 5 5	P 0 8 9	4,000	P	S 0 1			
1 5 6	P 0 9 2	4,000	P	S 0 1			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, Area L (Continued)							
157	P093	4,000	P	S01			
158	P094	4,000	P	S01			
159	P095	4,000	P	S01			
160	P096	4,000	P	S01			
161	P097	4,000	P	S01			
162	P098	4,000	P	S01			
163	P099	4,000	P	S01			
164	P101	4,000	P	S01			
165	P102	4,000	P	S01			
166	P103	4,000	P	S01			
167	P104	4,000	P	S01			
168	P105	4,000	P	S01			
169	P106	4,000	P	S01			
170	P108	4,000	P	S01			
171	P109	4,000	P	S01			
172	P110	4,000	P	S01			
173	P111	4,000	P	S01			
174	P112	4,000	P	S01			
175	P113	4,000	P	S01			
176	P114	4,000	P	S01			
177	P115	4,000	P	S01			
178	P116	4,000	P	S01			
179	P118	4,000	P	S01			
180	P119	4,000	P	S01			
181	P120	4,000	P	S01			
182	P121	4,000	P	S01			
183	P122	4,000	P	S01			
184	P123	4,000	P	S01			
185	P127	4,000	P	S01			
186	P128	4,000	P	S01			
187	P185	4,000	P	S01			
188	P188	4,000	P	S01			
189	P189	4,000	P	S01			
190	P190	4,000	P	S01			
191	P191	4,000	P	S01			
192	P192	4,000	P	S01			
193	P194	4,000	P	S01			
194	P196	4,000	P	S01			
195	P197	4,000	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, Area L (Continued)							
196	P198	4,000	P	S01			
197	P199	4,000	P	S01			
198	P201	4,000	P	S01			
199	P202	4,000	P	S01			
200	P203	4,000	P	S01			
201	P204	4,000	P	S01			
202	P205	4,000	P	S01			
203	U001	4,000	P	S01			
204	U002	4,000	P	S01			
205	U003	4,000	P	S01			
206	U004	4,000	P	S01			
207	U005	4,000	P	S01			
208	U006	4,000	P	S01			
209	U007	4,000	P	S01			
210	U008	4,000	P	S01			
211	U009	4,000	P	S01			
212	U010	4,000	P	S01			
213	U011	4,000	P	S01			
214	U012	4,000	P	S01			
215	U014	4,000	P	S01			
216	U015	4,000	P	S01			
217	U016	4,000	P	S01			
218	U017	4,000	P	S01			
219	U018	4,000	P	S01			
220	U019	4,000	P	S01			
221	U020	4,000	P	S01			
222	U021	4,000	P	S01			
223	U022	4,000	P	S01			
224	U023	4,000	P	S01			
225	U024	4,000	P	S01			
226	U025	4,000	P	S01			
227	U026	4,000	P	S01			
228	U027	4,000	P	S01			
229	U028	4,000	P	S01			
230	U029	4,000	P	S01			
231	U030	4,000	P	S01			
232	U031	4,000	P	S01			
233	U032	4,000	P	S01			
234	U033	4,000	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, Area L (Continued)							
235	U034	4,000	P	S01			
236	U035	4,000	P	S01			
237	U036	4,000	P	S01			
238	U037	4,000	P	S01			
239	U038	4,000	P	S01			
240	U039	4,000	P	S01			
241	U041	4,000	P	S01			
242	U042	4,000	P	S01			
243	U043	4,000	P	S01			
244	U044	4,000	P	S01			
245	U045	4,000	P	S01			
246	U046	4,000	P	S01			
247	U047	4,000	P	S01			
248	U048	4,000	P	S01			
249	U049	4,000	P	S01			
250	U050	4,000	P	S01			
251	U051	4,000	P	S01			
252	U052	4,000	P	S01			
253	U053	4,000	P	S01			
254	U055	4,000	P	S01			
255	U056	4,000	P	S01			
256	U057	4,000	P	S01			
257	U058	4,000	P	S01			
258	U059	4,000	P	S01			
259	U060	4,000	P	S01			
260	U061	4,000	P	S01			
261	U062	4,000	P	S01			
262	U063	4,000	P	S01			
263	U064	4,000	P	S01			
264	U066	4,000	P	S01			
265	U067	4,000	P	S01			
266	U068	4,000	P	S01			
267	U069	4,000	P	S01			
268	U070	4,000	P	S01			
269	U071	4,000	P	S01			
270	U072	4,000	P	S01			
271	U073	4,000	P	S01			
272	U074	4,000	P	S01			
273	U075	4,000	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, Area L (Continued)							
274	U076	4,000	P	S01			
275	U077	4,000	P	S01			
276	U078	4,000	P	S01			
277	U079	4,000	P	S01			
278	U080	4,000	P	S01			
279	U081	4,000	P	S01			
280	U082	4,000	P	S01			
281	U083	4,000	P	S01			
282	U084	4,000	P	S01			
283	U085	4,000	P	S01			
284	U086	4,000	P	S01			
285	U087	4,000	P	S01			
286	U088	4,000	P	S01			
287	U089	4,000	P	S01			
288	U090	4,000	P	S01			
289	U091	4,000	P	S01			
290	U092	4,000	P	S01			
291	U093	4,000	P	S01			
292	U094	4,000	P	S01			
293	U095	4,000	P	S01			
294	U096	4,000	P	S01			
295	U097	4,000	P	S01			
296	U098	4,000	P	S01			
297	U099	4,000	P	S01			
298	U101	4,000	P	S01			
299	U102	4,000	P	S01			
300	U103	4,000	P	S01			
301	U105	4,000	P	S01			
302	U106	4,000	P	S01			
303	U107	4,000	P	S01			
304	U108	4,000	P	S01			
305	U109	4,000	P	S01			
306	U110	4,000	P	S01			
307	U111	4,000	P	S01			
308	U112	4,000	P	S01			
309	U113	4,000	P	S01			
310	U114	4,000	P	S01			
311	U115	4,000	P	S01			
312	U116	4,000	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, Area L (Continued)							
313	U117	4,000	P	S01			
314	U118	4,000	P	S01			
315	U119	4,000	P	S01			
316	U120	4,000	P	S01			
317	U121	4,000	P	S01			
318	U122	4,000	P	S01			
319	U123	4,000	P	S01			
320	U124	4,000	P	S01			
321	U125	4,000	P	S01			
322	U126	4,000	P	S01			
323	U127	4,000	P	S01			
324	U128	4,000	P	S01			
325	U129	4,000	P	S01			
326	U130	4,000	P	S01			
327	U131	4,000	P	S01			
328	U132	4,000	P	S01			
329	U133	4,000	P	S01			
330	U134	4,000	P	S01			
331	U135	4,000	P	S01			
332	U136	4,000	P	S01			
333	U137	4,000	P	S01			
334	U138	4,000	P	S01			
335	U140	4,000	P	S01			
336	U141	4,000	P	S01			
337	U142	4,000	P	S01			
338	U143	4,000	P	S01			
339	U144	4,000	P	S01			
340	U145	4,000	P	S01			
341	U146	4,000	P	S01			
342	U147	4,000	P	S01			
343	U148	4,000	P	S01			
344	U149	4,000	P	S01			
345	U150	4,000	P	S01			
346	U151	4,000	P	S01			
347	U152	4,000	P	S01			
348	U153	4,000	P	S01			
349	U154	4,000	P	S01			
350	U155	4,000	P	S01			
351	U156	4,000	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, Area L (Continued)							
3 5 2	U 1 5 7	4,000	P	S 0 1			
3 5 3	U 1 5 8	4,000	P	S 0 1			
3 5 4	U 1 5 9	4,000	P	S 0 1			
3 5 5	U 1 6 0	4,000	P	S 0 1			
3 5 6	U 1 6 1	4,000	P	S 0 1			
3 5 7	U 1 6 2	4,000	P	S 0 1			
3 5 8	U 1 6 3	4,000	P	S 0 1			
3 5 9	U 1 6 4	4,000	P	S 0 1			
3 6 0	U 1 6 5	4,000	P	S 0 1			
3 6 1	U 1 6 6	4,000	P	S 0 1			
3 6 2	U 1 6 7	4,000	P	S 0 1			
3 6 3	U 1 6 8	4,000	P	S 0 1			
3 6 4	U 1 6 9	4,000	P	S 0 1			
3 6 5	U 1 7 0	4,000	P	S 0 1			
3 6 6	U 1 7 1	4,000	P	S 0 1			
3 6 7	U 1 7 2	4,000	P	S 0 1			
3 6 8	U 1 7 3	4,000	P	S 0 1			
3 6 9	U 1 7 4	4,000	P	S 0 1			
3 7 0	U 1 7 6	4,000	P	S 0 1			
3 7 1	U 1 7 7	4,000	P	S 0 1			
3 7 2	U 1 7 8	4,000	P	S 0 1			
3 7 3	U 1 7 9	4,000	P	S 0 1			
3 7 4	U 1 8 0	4,000	P	S 0 1			
3 7 5	U 1 8 1	4,000	P	S 0 1			
3 7 6	U 1 8 2	4,000	P	S 0 1			
3 7 7	U 1 8 3	4,000	P	S 0 1			
3 7 8	U 1 8 4	4,000	P	S 0 1			
3 7 9	U 1 8 5	4,000	P	S 0 1			
3 8 0	U 1 8 6	4,000	P	S 0 1			
3 8 1	U 1 8 7	4,000	P	S 0 1			
3 8 2	U 1 8 8	4,000	P	S 0 1			
3 8 3	U 1 8 9	4,000	P	S 0 1			
3 8 4	U 1 9 0	4,000	P	S 0 1			
3 8 5	U 1 9 1	4,000	P	S 0 1			
3 8 6	U 1 9 2	4,000	P	S 0 1			
3 8 7	U 1 9 3	4,000	P	S 0 1			
3 8 8	U 1 9 4	4,000	P	S 0 1			
3 8 9	U 1 9 6	4,000	P	S 0 1			
3 9 0	U 1 9 7	4,000	P	S 0 1			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, Area L (Continued)							
391	U 2 0 0	4,000	P	S 0 1			
392	U 2 0 1	4,000	P	S 0 1			
393	U 2 0 2	4,000	P	S 0 1			
394	U 2 0 3	4,000	P	S 0 1			
395	U 2 0 4	4,000	P	S 0 1			
396	U 2 0 5	4,000	P	S 0 1			
397	U 2 0 6	4,000	P	S 0 1			
398	U 2 0 7	4,000	P	S 0 1			
399	U 2 0 8	4,000	P	S 0 1			
400	U 2 0 9	4,000	P	S 0 1			
401	U 2 1 0	4,000	P	S 0 1			
402	U 2 1 1	4,000	P	S 0 1			
403	U 2 1 3	4,000	P	S 0 1			
404	U 2 1 4	4,000	P	S 0 1			
405	U 2 1 5	4,000	P	S 0 1			
406	U 2 1 6	4,000	P	S 0 1			
407	U 2 1 7	4,000	P	S 0 1			
408	U 2 1 8	4,000	P	S 0 1			
409	U 2 1 9	4,000	P	S 0 1			
410	U 2 2 0	7,000	P	S 0 1			
411	U 2 2 1	4,000	P	S 0 1			
412	U 2 2 2	4,000	P	S 0 1			
413	U 2 2 3	4,000	P	S 0 1			
414	U 2 2 5	4,000	P	S 0 1			
415	U 2 2 6	7,000	P	S 0 1			
416	U 2 2 7	4,000	P	S 0 1			
417	U 2 2 8	7,000	P	S 0 1			
418	U 2 3 4	4,000	P	S 0 1			
419	U 2 3 5	4,000	P	S 0 1			
420	U 2 3 6	4,000	P	S 0 1			
421	U 2 3 7	4,000	P	S 0 1			
422	U 2 3 8	4,000	P	S 0 1			
423	U 2 3 9	7,000	P	S 0 1			
424	U 2 4 0	4,000	P	S 0 1			
425	U 2 4 3	4,000	P	S 0 1			
426	U 2 4 4	4,000	P	S 0 1			
427	U 2 4 6	4,000	P	S 0 1			
428	U 2 4 7	4,000	P	S 0 1			
429	U 2 4 8	4,000	P	S 0 1			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)

Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, Area L (Continued)							
430	U249	4,000	P	S01			
431	U271	4,000	P	S01			
432	U278	4,000	P	S01			
433	U279	4,000	P	S01			
434	U280	4,000	P	S01			
435	U328	4,000	P	S01			
436	U353	4,000	P	S01			
437	U359	4,000	P	S01			
438	U364	4,000	P	S01			
439	U367	4,000	P	S01			
440	U372	4,000	P	S01			
441	U373	4,000	P	S01			
442	U387	4,000	P	S01			
443	U389	4,000	P	S01			
444	U394	4,000	P	S01			
445	U395	4,000	P	S01			
446	U404	4,000	P	S01			
447	U409	4,000	P	S01			
448	U410	4,000	P	S01			
449	U411	4,000	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, Material Disposal Area L (Impoundments B and D/Shafts 1, 13-17, and 19-34)[a,b]							
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			
10	D 0 1 6	600	P	D 8 0			
11	F 0 0 2	1,400	P	D 8 0			
12	P 0 1 5	4,000	P	D 8 0			
13	P 0 8 7	15	P	D 8 0			
14	U 0 0 2	5,000	P	D 8 0			
15	U 0 1 9	200	P	D 8 0			
16	U 0 6 9	500	P	D 8 0			
17	U 0 8 0	2,000	P	D 8 0			
18	U 1 2 2	550	P	D 8 0			
19	U 1 5 1	35	P	D 8 0			
20	U 1 5 4	550	P	D 8 0			
21	U 1 5 9	300	P	D 8 0			
22	U 1 6 1	500	P	D 8 0			
23	U 1 6 5	140	P	D 8 0			
24	U 2 2 0	620	P	D 8 0			
25	U 2 2 6	10,000	P	D 8 0			
26	U 2 2 8	4,400	P	D 8 0			
27	U 2 3 9	345	P	D 8 0			
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							

[a] Based on historical data from waste operations personnel.

[b] To be closed in accordance with Code of Federal Regulations (CFR), Title 40, Part 265, Subpart G. Permitted status is not requested.

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
Line Number	*A. EPA Hazardous Waste No. (Enter code)*	*B. Estimated Annual Quantity of Waste*	*C. Unit of Measure (Enter code)*	*D. PROCESSES*			
				(1) PROCESS CODES (Enter code)			*(2) PROCESS DESCRIPTION (If a code is not entered in D(1))*
Technical Area 54, Area G							
1	D 0 0 1	330,000	P	S 0 1			
2	D 0 0 2	395,000	P	S 0 1			
3	D 0 0 3	185,000	P	S 0 1			
4	D 0 0 4	2,525,000	P	S 0 1			
5	D 0 0 5	82,000	P	S 0 1			
6	D 0 0 6	515,000	P	S 0 1			
7	D 0 0 7	3,775,000	P	S 0 1			
8	D 0 0 8	5,400,000	P	S 0 1			
9	D 0 0 9	100,000	P	S 0 1			
10	D 0 1 0	45,000	P	S 0 1			
11	D 0 1 1	2,540,000	P	S 0 1			
12	D 0 1 2	18,000	P	S 0 1			
13	D 0 1 3	4,000	P	S 0 1			
14	D 0 1 4	4,000	P	S 0 1			
15	D 0 1 5	7,000	P	S 0 1			
16	D 0 1 6	4,000	P	S 0 1			
17	D 0 1 7	4,000	P	S 0 1			
18	D 0 1 8	30,000	P	S 0 1			
19	D 0 1 9	25,000	P	S 0 1			
20	D 0 2 0	30,000	P	S 0 1			
21	D 0 2 1	15,000	P	S 0 1			
22	D 0 2 2	33,000	P	S 0 1			
23	D 0 2 3	4,000	P	S 0 1			
24	D 0 2 4	4,000	P	S 0 1			
25	D 0 2 5	4,000	P	S 0 1			
26	D 0 2 6	4,000	P	S 0 1			
27	D 0 2 7	22,000	P	S 0 1			
28	D 0 2 8	40,000	P	S 0 1			
29	D 0 2 9	7,000	P	S 0 1			
30	D 0 3 0	30,000	P	S 0 1			
31	D 0 3 1	22,000	P	S 0 1			
32	D 0 3 2	29,000	P	S 0 1			
33	D 0 3 3	29,000	P	S 0 1			
34	D 0 3 4	29,000	P	S 0 1			
35	D 0 3 5	30,000	P	S 0 1			
36	D 0 3 6	19,000	P	S 0 1			
37	D 0 3 7	7,000	P	S 0 1			
38	D 0 3 8	14,000	P	S 0 1			
39	D 0 3 9	20,000	P	S 0 1			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, Area G (Continued)							
40	D040	25,000	P	S01			
41	D041	17,000	P	S01			
42	D042	22,000	P	S01			
43	D043	25,000	P	S01			
44	F001	6,410,000	P	S01			
45	F002	3,450,000	P	S01			
46	F003	2,850,000	P	S01			
47	F004	35,000	P	S01			
48	F005	3,250,000	P	S01			
49	F006	7,000	P	S01			
50	F007	18,000	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	4,000	P	S01			
57	F020	4,000	P	S01			
58	F021	4,000	P	S01			
59	F022	4,000	P	S01			
60	F023	4,000	P	S01			
61	F024	4,000	P	S01			
62	F025	4,000	P	S01			
63	F026	4,000	P	S01			
64	F027	4,000	P	S01			
65	F028	4,000	P	S01			
66	F032	4,000	P	S01			
67	F034	4,000	P	S01			
68	F035	4,000	P	S01			
69	F037	4,000	P	S01			
70	F038	4,000	P	S01			
71	F039	4,000	P	S01			
72	K044	22,000	P	S01			
73	K045	4,000	P	S01			
74	K046	4,000	P	S01			
75	K047	4,000	P	S01			
76	K084	500	P	S01			
77	K101	500	P	S01			
78	K102	500	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, Area G (Continued)							
7 9	P 0 0 1	4000	P	S 0 1			
8 0	P 0 0 2	4000	P	S 0 1			
8 1	P 0 0 3	4100	P	S 0 1			
8 2	P 0 0 4	4000	P	S 0 1			
8 3	P 0 0 5	4000	P	S 0 1			
8 4	P 0 0 6	4000	P	S 0 1			
8 5	P 0 0 7	4000	P	S 0 1			
8 6	P 0 0 8	4000	P	S 0 1			
8 7	P 0 0 9	4000	P	S 0 1			
8 8	P 0 1 0	4000	P	S 0 1			
8 9	P 0 1 1	4000	P	S 0 1			
9 0	P 0 1 2	4100	P	S 0 1			
9 1	P 0 1 3	4000	P	S 0 1			
9 2	P 0 1 4	4000	P	S 0 1			
9 3	P 0 1 5	4100	P	S 0 1			
9 4	P 0 1 6	4000	P	S 0 1			
9 5	P 0 1 7	4000	P	S 0 1			
9 6	P 0 1 8	4000	P	S 0 1			
9 7	P 0 2 0	4000	P	S 0 1			
9 8	P 0 2 1	4000	P	S 0 1			
9 9	P 0 2 2	4000	P	S 0 1			
1 0 0	P 0 2 3	4000	P	S 0 1			
1 0 1	P 0 2 4	4000	P	S 0 1			
1 0 2	P 0 2 6	4000	P	S 0 1			
1 0 3	P 0 2 7	4000	P	S 0 1			
1 0 4	P 0 2 8	4000	P	S 0 1			
1 0 5	P 0 2 9	4100	P	S 0 1			
1 0 6	P 0 3 0	4100	P	S 0 1			
1 0 7	P 0 3 1	4100	P	S 0 1			
1 0 8	P 0 3 3	4000	P	S 0 1			
1 0 9	P 0 3 4	4000	P	S 0 1			
1 1 0	P 0 3 6	4000	P	S 0 1			
1 1 1	P 0 3 7	4000	P	S 0 1			
1 1 2	P 0 3 8	4100	P	S 0 1			
1 1 3	P 0 3 9	4000	P	S 0 1			
1 1 4	P 0 4 0	4000	P	S 0 1			
1 1 5	P 0 4 1	4000	P	S 0 1			
1 1 6	P 0 4 2	4000	P	S 0 1			
1 1 7	P 0 4 3	4000	P	S 0 1			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, Area G (Continued)							
118	P044	4000	P	S01			
119	P045	4000	P	S01			
120	P046	4000	P	S01			
121	P047	4000	P	S01			
122	P048	4000	P	S01			
123	P049	4000	P	S01			
124	P050	4000	P	S01			
125	P051	4000	P	S01			
126	P054	4000	P	S01			
127	P056	4100	P	S01			
128	P057	4000	P	S01			
129	P058	4000	P	S01			
130	P059	4000	P	S01			
131	P060	4000	P	S01			
132	P062	4000	P	S01			
133	P063	4100	P	S01			
134	P064	4000	P	S01			
135	P065	4000	P	S01			
136	P066	4000	P	S01			
137	P067	4000	P	S01			
138	P068	4100	P	S01			
139	P069	4000	P	S01			
140	P070	4000	P	S01			
141	P071	4000	P	S01			
142	P072	4000	P	S01			
143	P073	4100	P	S01			
144	P074	4000	P	S01			
145	P075	4000	P	S01			
146	P076	4000	P	S01			
147	P077	4000	P	S01			
148	P078	4000	P	S01			
149	P081	4000	P	S01			
150	P082	4000	P	S01			
151	P084	4000	P	S01			
152	P085	4000	P	S01			
153	P087	4000	P	S01			
154	P088	4000	P	S01			
155	P089	4000	P	S01			
156	P092	4000	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)

Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, Area G (Continued)							
157	P093	4,000	P	S01			
158	P094	4,000	P	S01			
159	P095	4,100	P	S01			
160	P096	4,100	P	S01			
161	P097	4,000	P	S01			
162	P098	4,100	P	S01			
163	P099	4,000	P	S01			
164	P101	4,000	P	S01			
165	P102	4,000	P	S01			
166	P103	4,000	P	S01			
167	P104	4,000	P	S01			
168	P105	4,000	P	S01			
169	P106	4,100	P	S01			
170	P108	4,000	P	S01			
171	P109	4,000	P	S01			
172	P110	4,000	P	S01			
173	P111	4,000	P	S01			
174	P112	4,000	P	S01			
175	P113	4,000	P	S01			
176	P114	4,000	P	S01			
177	P115	4,000	P	S01			
178	P116	4,000	P	S01			
179	P118	4,000	P	S01			
180	P119	4,000	P	S01			
181	P120	4,100	P	S01			
182	P121	4,000	P	S01			
183	P122	4,000	P	S01			
184	P123	4,000	P	S01			
185	P127	4,000	P	S01			
186	P128	4,000	P	S01			
187	P185	4,000	P	S01			
188	P188	4,000	P	S01			
189	P189	4,000	P	S01			
190	P190	4,000	P	S01			
191	P191	4,000	P	S01			
192	P192	4,000	P	S01			
193	P194	4,000	P	S01			
194	P196	4,000	P	S01			
195	P197	4,000	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, Area G (Continued)							
196	P198	4,000	P	S01			
197	P199	4,000	P	S01			
198	P201	4,000	P	S01			
199	P202	4,000	P	S01			
200	P203	4,000	P	S01			
201	P204	4,000	P	S01			
202	P205	4,000	P	S01			
203	U001	4,100	P	S01			
204	U002	7,100	P	S01			
205	U003	4,100	P	S01			
206	U004	4,000	P	S01			
207	U005	4,000	P	S01			
208	U006	4,000	P	S01			
209	U007	4,000	P	S01			
210	U008	4,000	P	S01			
211	U009	4,000	P	S01			
212	U010	4,000	P	S01			
213	U011	4,000	P	S01			
214	U012	4,100	P	S01			
215	U014	4,000	P	S01			
216	U015	4,000	P	S01			
217	U016	4,000	P	S01			
218	U017	4,000	P	S01			
219	U018	4,000	P	S01			
220	U019	4,100	P	S01			
221	U020	4,000	P	S01			
222	U021	4,000	P	S01			
223	U022	4,100	P	S01			
224	U023	4,000	P	S01			
225	U024	4,000	P	S01			
226	U025	4,000	P	S01			
227	U026	4,000	P	S01			
228	U027	4,000	P	S01			
229	U028	4,000	P	S01			
230	U029	4,100	P	S01			
231	U030	4,000	P	S01			
232	U031	4,100	P	S01			
233	U032	4,000	P	S01			
234	U033	4,000	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, Area G (Continued)							
2 3 5	U 0 3 4	4,000	P	S 0 1			
2 3 6	U 0 3 5	4,000	P	S 0 1			
2 3 7	U 0 3 6	4,000	P	S 0 1			
2 3 8	U 0 3 7	4,100	P	S 0 1			
2 3 9	U 0 3 8	4,000	P	S 0 1			
2 4 0	U 0 3 9	4,000	P	S 0 1			
2 4 1	U 0 4 1	4,000	P	S 0 1			
2 4 2	U 0 4 2	4,000	P	S 0 1			
2 4 3	U 0 4 3	4,000	P	S 0 1			
2 4 4	U 0 4 4	4,100	P	S 0 1			
2 4 5	U 0 4 5	4,100	P	S 0 1			
2 4 6	U 0 4 6	4,000	P	S 0 1			
2 4 7	U 0 4 7	4,000	P	S 0 1			
2 4 8	U 0 4 8	4,000	P	S 0 1			
2 4 9	U 0 4 9	4,000	P	S 0 1			
2 5 0	U 0 5 0	4,000	P	S 0 1			
2 5 1	U 0 5 1	4,000	P	S 0 1			
2 5 2	U 0 5 2	4,100	P	S 0 1			
2 5 3	U 0 5 3	4,000	P	S 0 1			
2 5 4	U 0 5 5	4,000	P	S 0 1			
2 5 5	U 0 5 6	4,100	P	S 0 1			
2 5 6	U 0 5 7	4,100	P	S 0 1			
2 5 7	U 0 5 8	4,000	P	S 0 1			
2 5 8	U 0 5 9	4,000	P	S 0 1			
2 5 9	U 0 6 0	4,000	P	S 0 1			
2 6 0	U 0 6 1	4,000	P	S 0 1			
2 6 1	U 0 6 2	4,000	P	S 0 1			
2 6 2	U 0 6 3	4,000	P	S 0 1			
2 6 3	U 0 6 4	4,000	P	S 0 1			
2 6 4	U 0 6 6	4,000	P	S 0 1			
2 6 5	U 0 6 7	4,000	P	S 0 1			
2 6 6	U 0 6 8	4,000	P	S 0 1			
2 6 7	U 0 6 9	4,000	P	S 0 1			
2 6 8	U 0 7 0	4,000	P	S 0 1			
2 6 9	U 0 7 1	4,000	P	S 0 1			
2 7 0	U 0 7 2	4,000	P	S 0 1			
2 7 1	U 0 7 3	4,000	P	S 0 1			
2 7 2	U 0 7 4	4,000	P	S 0 1			
2 7 3	U 0 7 5	4,100	P	S 0 1			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, Area G (Continued)							
274	U076	4,000	P	S01			
275	U077	4,100	P	S01			
276	U078	4,000	P	S01			
277	U079	4,000	P	S01			
278	U080	12,000	P	S01			
279	U081	4,000	P	S01			
280	U082	4,000	P	S01			
281	U083	4,000	P	S01			
282	U084	4,000	P	S01			
283	U085	4,000	P	S01			
284	U086	4,000	P	S01			
285	U087	4,000	P	S01			
286	U088	4,000	P	S01			
287	U089	4,000	P	S01			
288	U090	4,000	P	S01			
289	U091	4,000	P	S01			
290	U092	4,000	P	S01			
291	U093	4,000	P	S01			
292	U094	4,000	P	S01			
293	U095	4,000	P	S01			
294	U096	4,000	P	S01			
295	U097	4,000	P	S01			
296	U098	4,000	P	S01			
297	U099	4,000	P	S01			
298	U101	4,000	P	S01			
299	U102	4,000	P	S01			
300	U103	4,000	P	S01			
301	U105	4,000	P	S01			
302	U106	4,000	P	S01			
303	U107	4,000	P	S01			
304	U108	4,100	P	S01			
305	U109	4,000	P	S01			
306	U110	4,000	P	S01			
307	U111	4,000	P	S01			
308	U112	4,100	P	S01			
309	U113	4,000	P	S01			
310	U114	4,000	P	S01			
311	U115	4,100	P	S01			
312	U116	4,000	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, Area G (Continued)							
313	U117	4,100	P	S01			
314	U118	4,000	P	S01			
315	U119	4,000	P	S01			
316	U120	4,000	P	S01			
317	U121	4,100	P	S01			
318	U122	7,100	P	S01			
319	U123	4,100	P	S01			
320	U124	4,000	P	S01			
321	U125	4,000	P	S01			
322	U126	4,000	P	S01			
323	U127	4,000	P	S01			
324	U128	4,000	P	S01			
325	U129	4,000	P	S01			
326	U130	4,000	P	S01			
327	U131	4,100	P	S01			
328	U132	4,000	P	S01			
329	U133	4,100	P	S01			
330	U134	12,100	P	S01			
331	U135	4,100	P	S01			
332	U136	4,000	P	S01			
333	U137	4,000	P	S01			
334	U138	4,000	P	S01			
335	U140	4,100	P	S01			
336	U141	4,000	P	S01			
337	U142	4,000	P	S01			
338	U143	4,000	P	S01			
339	U144	4,100	P	S01			
340	U145	4,000	P	S01			
341	U146	4,000	P	S01			
342	U147	4,000	P	S01			
343	U148	4,000	P	S01			
344	U149	4,000	P	S01			
345	U150	4,000	P	S01			
346	U151	7,100	P	S01			
347	U152	4,000	P	S01			
348	U153	4,000	P	S01			
349	U154	4,100	P	S01			
350	U155	4,000	P	S01			
351	U156	4,000	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, Area G (Continued)							
352	U157	4,000	P	S01			
353	U158	4,000	P	S01			
354	U159	4,100	P	S01			
355	U160	4,100	P	S01			
356	U161	4,100	P	S01			
357	U162	4,000	P	S01			
358	U163	4,000	P	S01			
359	U164	4,000	P	S01			
360	U165	4,100	P	S01			
361	U166	4,000	P	S01			
362	U167	4,000	P	S01			
363	U168	4,000	P	S01			
364	U169	4,100	P	S01			
365	U170	4,000	P	S01			
366	U171	4,000	P	S01			
367	U172	4,000	P	S01			
368	U173	4,000	P	S01			
369	U174	4,000	P	S01			
370	U176	4,000	P	S01			
371	U177	4,000	P	S01			
372	U178	4,000	P	S01			
373	U179	4,000	P	S01			
374	U180	4,000	P	S01			
375	U181	4,000	P	S01			
376	U182	4,000	P	S01			
377	U183	4,000	P	S01			
378	U184	4,000	P	S01			
379	U185	4,000	P	S01			
380	U186	4,000	P	S01			
381	U187	4,000	P	S01			
382	U188	4,100	P	S01			
383	U189	4,000	P	S01			
384	U190	4,100	P	S01			
385	U191	4,000	P	S01			
386	U192	4,000	P	S01			
387	U193	4,000	P	S01			
388	U194	4,000	P	S01			
389	U196	4,100	P	S01			
390	U197	4,000	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, Area G (Continued)							
391	U 2 0 0	4,000	P	S 0 1			
392	U 2 0 1	4,000	P	S 0 1			
393	U 2 0 2	4,000	P	S 0 1			
394	U 2 0 3	4,000	P	S 0 1			
395	U 2 0 4	4,100	P	S 0 1			
396	U 2 0 5	4,000	P	S 0 1			
397	U 2 0 6	4,000	P	S 0 1			
398	U 2 0 7	4,000	P	S 0 1			
399	U 2 0 8	4,000	P	S 0 1			
400	U 2 0 9	4,000	P	S 0 1			
401	U 2 1 0	4,100	P	S 0 1			
402	U 2 1 1	4,100	P	S 0 1			
403	U 2 1 3	4,100	P	S 0 1			
404	U 2 1 4	4,000	P	S 0 1			
405	U 2 1 5	4,000	P	S 0 1			
406	U 2 1 6	4,100	P	S 0 1			
407	U 2 1 7	4,000	P	S 0 1			
408	U 2 1 8	4,100	P	S 0 1			
409	U 2 1 9	4,100	P	S 0 1			
410	U 2 2 0	7,100	P	S 0 1			
411	U 2 2 1	4,000	P	S 0 1			
412	U 2 2 2	4,000	P	S 0 1			
413	U 2 2 3	4,000	P	S 0 1			
414	U 2 2 5	4,100	P	S 0 1			
415	U 2 2 6	7,100	P	S 0 1			
416	U 2 2 7	4,100	P	S 0 1			
417	U 2 2 8	7,100	P	S 0 1			
418	U 2 3 4	4,000	P	S 0 1			
419	U 2 3 5	4,000	P	S 0 1			
420	U 2 3 6	4,000	P	S 0 1			
421	U 2 3 7	4,000	P	S 0 1			
422	U 2 3 8	4,000	P	S 0 1			
423	U 2 3 9	7,100	P	S 0 1			
424	U 2 4 0	4,000	P	S 0 1			
425	U 2 4 3	4,000	P	S 0 1			
426	U 2 4 4	4,000	P	S 0 1			
427	U 2 4 6	4,100	P	S 0 1			
428	U 2 4 7	4,000	P	S 0 1			
429	U 2 4 8	4,000	P	S 0 1			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)

Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, Area G (Continued)							
430	U249	4,000	P	S01			
431	U271	4,000	P	S01			
432	U278	4,000	P	S01			
433	U279	4,000	P	S01			
434	U280	4,000	P	S01			
435	U328	4,000	P	S01			
436	U353	4,000	P	S01			
437	U359	4,000	P	S01			
438	U364	4,000	P	S01			
439	U367	4,000	P	S01			
440	U372	4,000	P	S01			
441	U373	4,000	P	S01			
442	U387	4,000	P	S01			
443	U389	4,000	P	S01			
444	U394	4,000	P	S01			
445	U395	4,000	P	S01			
446	U404	4,000	P	S01			
447	U409	4,000	P	S01			
448	U410	4,000	P	S01			
449	U411	4,000	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, Material Dispsoal Area G (Shaft 124 and Pit 29) [a, b]							
1	D 0 0 4	850	P	D 8 0			
2	D 0 0 5	2,100	P	D 8 0			
3	D 0 0 6	4,250	P	D 8 0			
4	D 0 0 7	4,450	P	D 8 0			
5	D 0 0 8	507,100	P	D 8 0			
6	D 0 0 9	850	P	D 8 0			
7	D 0 1 0	15	P	D 8 0			
8	D 0 1 1	530	P	D 8 0			
9							
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[a] Based on total estimated hazardous waste chemical inventory from the TA-54 RFI Report, Los Alamos National Laboratory, Los Alamos, New Mexico, March 2000.

[b] To be closed in accordance with Code of Federal Regulations (CFR), Title 40, Part 265, Subpart G. Permitted status is not requested.

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, West							
1	D 0 0 1	18,563	P	S 0 1			
2	D 0 0 2	9,612	P	S 0 1			
3	D 0 0 3	882	P	S 0 1			
4	D 0 0 4	6,173	P	S 0 1			
5	D 0 0 5	5,644	P	S 0 1			
6	D 0 0 6	906,805	P	S 0 1			
7	D 0 0 7	946,136	P	S 0 1			
8	D 0 0 8	2,147,302	P	S 0 1			
9	D 0 0 9	65,433	P	S 0 1			
10	D 0 1 0	6,790	P	S 0 1			
11	D 0 1 1	7,584	P	S 0 1			
12	D 0 1 2	9,000	P	S 0 1			
13	D 0 1 3	2,000	P	S 0 1			
14	D 0 1 4	2,000	P	S 0 1			
15	D 0 1 5	3,500	P	S 0 1			
16	D 0 1 6	2,000	P	S 0 1			
17	D 0 1 7	2,000	P	S 0 1			
18	D 0 1 8	353	P	S 0 1			
19	D 0 1 9	7,055	P	S 0 1			
20	D 0 2 0	15,000	P	S 0 1			
21	D 0 2 1	1,220	P	S 0 1			
22	D 0 2 2	1,676	P	S 0 1			
23	D 0 2 3	2,000	P	S 0 1			
24	D 0 2 4	2,000	P	S 0 1			
25	D 0 2 5	2,000	P	S 0 1			
26	D 0 2 6	2,000	P	S 0 1			
27	D 0 2 7	1,014	P	S 0 1			
28	D 0 2 8	289,600	P	S 0 1			
29	D 0 2 9	288,144	P	S 0 1			
30	D 0 3 0	6,525	P	S 0 1			
31	D 0 3 1	88	P	S 0 1			
32	D 0 3 2	4,145	P	S 0 1			
33	D 0 3 3	2,778	P	S 0 1			
34	D 0 3 4	1,455	P	S 0 1			
35	D 0 3 5	132	P	S 0 1			
36	D 0 3 6	441	P	S 0 1			
37	D 0 3 7	705	P	S 0 1			
38	D 0 3 8	88	P	S 0 1			
39	D 0 3 9	1,940	P	S 0 1			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, West (Continued)							
4 0	D 0 4 0	4,365	P	S 0 1			
4 1	D 0 4 1	88	P	S 0 1			
4 2	D 0 4 2	1,411	P	S 0 1			
4 3	D 0 4 3	529	P	S 0 1			
4 4	F 0 0 1	556,402	P	S 0 1			
4 5	F 0 0 2	72,003	P	S 0 1			
4 6	F 0 0 3	34,464	P	S 0 1			
4 7	F 0 0 4	2,160	P	S 0 1			
4 8	F 0 0 5	324,211	P	S 0 1			
4 9	F 0 0 6	3,500	P	S 0 1			
5 0	F 0 0 7	9,000	P	S 0 1			
5 1	F 0 0 8	3,500	P	S 0 1			
5 2	F 0 0 9	2,000	P	S 0 1			
5 3	F 0 1 0	2,000	P	S 0 1			
5 4	F 0 1 1	2,000	P	S 0 1			
5 5	F 0 1 2	2,000	P	S 0 1			
5 6	F 0 1 9	2,000	P	S 0 1			
5 7	F 0 2 0	2,000	P	S 0 1			
5 8	F 0 2 1	2,000	P	S 0 1			
5 9	F 0 2 2	2,000	P	S 0 1			
6 0	F 0 2 3	2,000	P	S 0 1			
6 1	F 0 2 4	2,000	P	S 0 1			
6 2	F 0 2 5	2,000	P	S 0 1			
6 3	F 0 2 6	2,000	P	S 0 1			
6 4	F 0 2 7	2,000	P	S 0 1			
6 5	F 0 2 8	2,000	P	S 0 1			
6 6	F 0 3 2	2,000	P	S 0 1			
6 7	F 0 3 4	2,000	P	S 0 1			
6 8	F 0 3 5	2,000	P	S 0 1			
6 9	F 0 3 7	2,000	P	S 0 1			
7 0	F 0 3 8	2,000	P	S 0 1			
7 1	F 0 3 9	2,000	P	S 0 1			
7 2	K 0 4 4	1,000	P	S 0 1			
7 3	K 0 4 5	2,000	P	S 0 1			
7 4	K 0 4 6	2,000	P	S 0 1			
7 5	K 0 4 7	2,000	P	S 0 1			
7 6	K 0 8 4	250	P	S 0 1			
7 7	K 1 0 1	250	P	S 0 1			
7 8	K 1 0 2	250	P	S 0 1			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, West (Continued)							
7 9	P 0 0 1	44	P	S 0 1			
8 0	P 0 0 2	44	P	S 0 1			
8 1	P 0 0 3	44	P	S 0 1			
8 2	P 0 0 4	44	P	S 0 1			
8 3	P 0 0 5	44	P	S 0 1			
8 4	P 0 0 6	44	P	S 0 1			
8 5	P 0 0 7	44	P	S 0 1			
8 6	P 0 0 8	44	P	S 0 1			
8 7	P 0 0 9	44	P	S 0 1			
8 8	P 0 1 0	44	P	S 0 1			
8 9	P 0 1 1	44	P	S 0 1			
9 0	P 0 1 2	44	P	S 0 1			
9 1	P 0 1 3	44	P	S 0 1			
9 2	P 0 1 4	44	P	S 0 1			
9 3	P 0 1 5	44	P	S 0 1			
9 4	P 0 1 6	44	P	S 0 1			
9 5	P 0 1 7	44	P	S 0 1			
9 6	P 0 1 8	44	P	S 0 1			
9 7	P 0 2 0	44	P	S 0 1			
9 8	P 0 2 1	44	P	S 0 1			
9 9	P 0 2 2	44	P	S 0 1			
1 0 0	P 0 2 3	44	P	S 0 1			
1 0 1	P 0 2 4	44	P	S 0 1			
1 0 2	P 0 2 6	44	P	S 0 1			
1 0 3	P 0 2 7	44	P	S 0 1			
1 0 4	P 0 2 8	44	P	S 0 1			
1 0 5	P 0 2 9	44	P	S 0 1			
1 0 6	P 0 3 0	44	P	S 0 1			
1 0 7	P 0 3 1	44	P	S 0 1			
1 0 8	P 0 3 3	44	P	S 0 1			
1 0 9	P 0 3 4	44	P	S 0 1			
1 1 0	P 0 3 6	44	P	S 0 1			
1 1 1	P 0 3 7	44	P	S 0 1			
1 1 2	P 0 3 8	44	P	S 0 1			
1 1 3	P 0 3 9	44	P	S 0 1			
1 1 4	P 0 4 0	44	P	S 0 1			
1 1 5	P 0 4 1	44	P	S 0 1			
1 1 6	P 0 4 2	44	P	S 0 1			
1 1 7	P 0 4 3	44	P	S 0 1			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
Line Number	*A. EPA Hazardous Waste No. (Enter code)*	*B. Estimated Annual Quantity of Waste*	*C. Unit of Measure (Enter code)*	*D. PROCESSES* (1) PROCESS CODES (Enter code)			*(2) PROCESS DESCRIPTION (If a code is not entered in D(1))*
Technical Area 54, West (Continued)							
118	P044	44	P	S01			
119	P045	44	P	S01			
120	P046	44	P	S01			
121	P047	44	P	S01			
122	P048	44	P	S01			
123	P049	44	P	S01			
124	P050	44	P	S01			
125	P051	44	P	S01			
126	P054	44	P	S01			
127	P056	44	P	S01			
128	P057	44	P	S01			
129	P058	44	P	S01			
130	P059	44	P	S01			
131	P060	44	P	S01			
132	P062	44	P	S01			
133	P063	44	P	S01			
134	P064	44	P	S01			
135	P065	44	P	S01			
136	P066	44	P	S01			
137	P067	44	P	S01			
138	P068	44	P	S01			
139	P069	44	P	S01			
140	P070	44	P	S01			
141	P071	44	P	S01			
142	P072	44	P	S01			
143	P073	44	P	S01			
144	P074	44	P	S01			
145	P075	44	P	S01			
146	P076	44	P	S01			
147	P077	44	P	S01			
148	P078	44	P	S01			
149	P081	44	P	S01			
150	P082	44	P	S01			
151	P084	44	P	S01			
152	P085	44	P	S01			
153	P087	44	P	S01			
154	P088	44	P	S01			
155	P089	44	P	S01			
156	P092	44	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, West (Continued)							
157	P093	44	P	S01			
158	P094	44	P	S01			
159	P095	44	P	S01			
160	P096	44	P	S01			
161	P097	44	P	S01			
162	P098	44	P	S01			
163	P099	44	P	S01			
164	P101	44	P	S01			
165	P102	44	P	S01			
166	P103	44	P	S01			
167	P104	44	P	S01			
168	P105	44	P	S01			
169	P106	44	P	S01			
170	P108	44	P	S01			
171	P109	44	P	S01			
172	P110	44	P	S01			
173	P111	44	P	S01			
174	P112	44	P	S01			
175	P113	44	P	S01			
176	P114	44	P	S01			
177	P115	44	P	S01			
178	P116	44	P	S01			
179	P118	44	P	S01			
180	P119	44	P	S01			
181	P120	44	P	S01			
182	P121	44	P	S01			
183	P122	44	P	S01			
184	P123	44	P	S01			
185	P127	44	P	S01			
186	P128	44	P	S01			
187	P185	44	P	S01			
188	P188	44	P	S01			
189	P189	44	P	S01			
190	P190	44	P	S01			
191	P191	44	P	S01			
192	P192	44	P	S01			
193	P194	44	P	S01			
194	P196	44	P	S01			
195	P197	44	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
Line Number	*A. EPA Hazardous Waste No. (Enter code)*	*B. Estimated Annual Quantity of Waste*	*C. Unit of Measure (Enter code)*	*D. PROCESSES*			
				(1) PROCESS CODES (Enter code)			*(2) PROCESS DESCRIPTION (If a code is not entered in D(1))*
Technical Area 54, West (Continued)							
196	P198	44	P	S01			
197	P199	44	P	S01			
198	P201	44	P	S01			
199	P202	44	P	S01			
200	P203	44	P	S01			
201	P204	44	P	S01			
202	P205	44	P	S01			
203	U001	44	P	S01			
204	U002	44	P	S01			
205	U003	44	P	S01			
206	U004	44	P	S01			
207	U005	44	P	S01			
208	U006	44	P	S01			
209	U007	44	P	S01			
210	U008	44	P	S01			
211	U009	44	P	S01			
212	U010	44	P	S01			
213	U011	44	P	S01			
214	U012	44	P	S01			
215	U014	44	P	S01			
216	U015	44	P	S01			
217	U016	44	P	S01			
218	U017	44	P	S01			
219	U018	44	P	S01			
220	U019	44	P	S01			
221	U020	44	P	S01			
222	U021	44	P	S01			
223	U022	44	P	S01			
224	U023	44	P	S01			
225	U024	44	P	S01			
226	U025	44	P	S01			
227	U026	44	P	S01			
228	U027	44	P	S01			
229	U028	44	P	S01			
230	U029	44	P	S01			
231	U030	44	P	S01			
232	U031	44	P	S01			
233	U032	44	P	S01			
234	U033	44	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, West (Continued)							
235	U034	44	P	S01			
236	U035	44	P	S01			
237	U036	44	P	S01			
238	U037	44	P	S01			
239	U038	44	P	S01			
240	U039	44	P	S01			
241	U041	44	P	S01			
242	U042	44	P	S01			
243	U043	44	P	S01			
244	U044	44	P	S01			
245	U045	44	P	S01			
246	U046	44	P	S01			
247	U047	44	P	S01			
248	U048	44	P	S01			
249	U049	44	P	S01			
250	U050	44	P	S01			
251	U051	44	P	S01			
252	U052	44	P	S01			
253	U053	44	P	S01			
254	U055	44	P	S01			
255	U056	44	P	S01			
256	U057	44	P	S01			
257	U058	44	P	S01			
258	U059	44	P	S01			
259	U060	44	P	S01			
260	U061	44	P	S01			
261	U062	44	P	S01			
262	U063	44	P	S01			
263	U064	44	P	S01			
264	U066	44	P	S01			
265	U067	44	P	S01			
266	U068	44	P	S01			
267	U069	44	P	S01			
268	U070	44	P	S01			
269	U071	44	P	S01			
270	U072	44	P	S01			
271	U073	44	P	S01			
272	U074	44	P	S01			
273	U075	44	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, West (Continued)							
274	U076	44	P	S01			
275	U077	44	P	S01			
276	U078	44	P	S01			
277	U079	44	P	S01			
278	U080	132	P	S01			
279	U081	44	P	S01			
280	U082	44	P	S01			
281	U083	44	P	S01			
282	U084	44	P	S01			
283	U085	44	P	S01			
284	U086	44	P	S01			
285	U087	44	P	S01			
286	U088	44	P	S01			
287	U089	44	P	S01			
288	U090	44	P	S01			
289	U091	44	P	S01			
290	U092	44	P	S01			
291	U093	44	P	S01			
292	U094	44	P	S01			
293	U095	44	P	S01			
294	U096	44	P	S01			
295	U097	44	P	S01			
296	U098	44	P	S01			
297	U099	44	P	S01			
298	U101	44	P	S01			
299	U102	44	P	S01			
300	U103	44	P	S01			
301	U105	44	P	S01			
302	U106	44	P	S01			
303	U107	44	P	S01			
304	U108	44	P	S01			
305	U109	44	P	S01			
306	U110	44	P	S01			
307	U111	44	P	S01			
308	U112	44	P	S01			
309	U113	44	P	S01			
310	U114	44	P	S01			
311	U115	44	P	S01			
312	U116	44	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, West (Continued)							
313	U117	44	P	S01			
314	U118	44	P	S01			
315	U119	44	P	S01			
316	U120	44	P	S01			
317	U121	44	P	S01			
318	U122	44	P	S01			
319	U123	44	P	S01			
320	U124	44	P	S01			
321	U125	44	P	S01			
322	U126	44	P	S01			
323	U127	44	P	S01			
324	U128	44	P	S01			
325	U129	44	P	S01			
326	U130	44	P	S01			
327	U131	44	P	S01			
328	U132	44	P	S01			
329	U133	44	P	S01			
330	U134	44	P	S01			
331	U135	44	P	S01			
332	U136	44	P	S01			
333	U137	44	P	S01			
334	U138	44	P	S01			
335	U140	44	P	S01			
336	U141	44	P	S01			
337	U142	44	P	S01			
338	U143	44	P	S01			
339	U144	44	P	S01			
340	U145	44	P	S01			
341	U146	44	P	S01			
342	U147	44	P	S01			
343	U148	44	P	S01			
344	U149	44	P	S01			
345	U150	44	P	S01			
346	U151	265	P	S01			
347	U152	44	P	S01			
348	U153	44	P	S01			
349	U154	44	P	S01			
350	U155	44	P	S01			
351	U156	44	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, West (Continued)							
352	U157	44	P	S01			
353	U158	44	P	S01			
354	U159	132	P	S01			
355	U160	44	P	S01			
356	U161	44	P	S01			
357	U162	44	P	S01			
358	U163	44	P	S01			
359	U164	44	P	S01			
360	U165	44	P	S01			
361	U166	44	P	S01			
362	U167	44	P	S01			
363	U168	44	P	S01			
364	U169	44	P	S01			
365	U170	44	P	S01			
366	U171	44	P	S01			
367	U172	44	P	S01			
368	U173	44	P	S01			
369	U174	44	P	S01			
370	U176	44	P	S01			
371	U177	44	P	S01			
372	U178	44	P	S01			
373	U179	44	P	S01			
374	U180	44	P	S01			
375	U181	44	P	S01			
376	U182	44	P	S01			
377	U183	44	P	S01			
378	U184	44	P	S01			
379	U185	44	P	S01			
380	U186	44	P	S01			
381	U187	44	P	S01			
382	U188	44	P	S01			
383	U189	44	P	S01			
384	U190	44	P	S01			
385	U191	44	P	S01			
386	U192	44	P	S01			
387	U193	44	P	S01			
388	U194	44	P	S01			
389	U196	44	P	S01			
390	U197	44	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, West (Continued)							
391	U200	44	P	S01			
392	U201	44	P	S01			
393	U202	44	P	S01			
394	U203	44	P	S01			
395	U204	44	P	S01			
396	U205	44	P	S01			
397	U206	44	P	S01			
398	U207	44	P	S01			
399	U208	44	P	S01			
400	U209	44	P	S01			
401	U210	44	P	S01			
402	U211	44	P	S01			
403	U213	44	P	S01			
404	U214	44	P	S01			
405	U215	44	P	S01			
406	U216	44	P	S01			
407	U217	44	P	S01			
408	U218	44	P	S01			
409	U219	44	P	S01			
410	U220	44	P	S01			
411	U221	44	P	S01			
412	U222	44	P	S01			
413	U223	44	P	S01			
414	U225	44	P	S01			
415	U226	1,146	P	S01			
416	U227	44	P	S01			
417	U228	44	P	S01			
418	U234	44	P	S01			
419	U235	44	P	S01			
420	U236	44	P	S01			
421	U237	44	P	S01			
422	U238	44	P	S01			
423	U239	88	P	S01			
424	U240	44	P	S01			
425	U243	44	P	S01			
426	U244	44	P	S01			
427	U246	44	P	S01			
428	U247	44	P	S01			
429	U248	44	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
Line Number	*A. EPA Hazardous Waste No. (Enter code)*	*B. Estimated Annual Quantity of Waste*	*C. Unit of Measure (Enter code)*	*D. PROCESSES*			
				(1) PROCESS CODES (Enter code)			*(2) PROCESS DESCRIPTION (If a code is not entered in D(1))*
Technical Area 54, West (Continued)							
430	U249	44	P	S01			
431	U271	44	P	S01			
432	U278	44	P	S01			
433	U279	44	P	S01			
434	U280	44	P	S01			
435	U328	44	P	S01			
436	U353	44	P	S01			
437	U359	44	P	S01			
438	U364	44	P	S01			
439	U367	44	P	S01			
440	U372	44	P	S01			
441	U373	44	P	S01			
442	U387	44	P	S01			
443	U389	44	P	S01			
444	U394	44	P	S01			
445	U395	44	P	S01			
446	U404	44	P	S01			
447	U409	44	P	S01			
448	U410	44	P	S01			
449	U411	44	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 54, Material Disposal Area H (Shaft 9) [a]							
1	D 0 0 3	0	P	D 8 0			
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[b] To be closed in accordance with Code of Federal Regulations (CFR), Title 40, Part 265, Subpart G. Permitted status is not requested.

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
Line Number	*A. EPA Hazardous Waste No. (Enter code)*	*B. Estimated Annual Quantity of Waste*	*C. Unit of Measure (Enter code)*	*D. PROCESSES*			
				(1) PROCESS CODES (Enter code)			*(2) PROCESS DESCRIPTION (If a code is not entered in D(1))*
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			
3 7	F 0 0 9	500	P	S 0 1			
3 8	P 0 0 3	1,500	P	S 0 1			
3 9	P 0 1 2	1,500	P	S 0 1			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
	A.	B.	C.	D. PROCESSES			
Line Number	EPA Hazardous Waste No. (Enter code)	Estimated Annual Quantity of Waste	Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 55 (Continued)							
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	U001	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			
73	U077	1,500	P	S01			
74	U080	6,000	P	S01			
75	U103	500	P	S01			
76	U108	1,500	P	S01			
77	U112	1,500	P	S01			
78	U115	1,500	P	S01			

10. Descriptions of Hazardous Wastes (Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)							
				D. PROCESSES			
Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Quantity of Waste	C. Unit of Measure (Enter code)	(1) PROCESS CODES (Enter code)			(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
Technical Area 55 (Continued)							
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			
1 0 0	U 2 1 0	6,000	P	S 0 1			
1 0 1	U 2 1 1	6,000	P	S 0 1			
1 0 2	U 2 1 3	1,500	P	S 0 1			
1 0 3	U 2 1 6	1,500	P	S 0 1			
1 0 4	U 2 1 8	1,500	P	S 0 1			
1 0 5	U 2 1 9	1,500	P	S 0 1			
1 0 6	U 2 2 0	6,000	P	S 0 1			
1 0 7	U 2 2 5	1,500	P	S 0 1			
1 0 8	U 2 2 6	6,000	P	S 0 1			
1 0 9	U 2 2 7	1,500	P	S 0 1			
1 1 0	U 2 2 8	1,500	P	S 0 1			
1 1 1	U 2 3 9	1,500	P	S 0 1			
1 1 2	U 2 4 6	1,500	P	S 0 1			
1 1 3							
1 1 4							
1 1 5							
1 1 6							
1 1 7							

9. Descriptions of Hazardous Wastes *(Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)*

Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)										D. PROCESSES (2) PROCESS DESCRIPTION (If a code is not entered in 9.D(1))
Technical Area 63														
	1	D 0 0 1	3300	P	S	0	1							
	2	D 0 0 2	3950	P	S	0	1							
	3	D 0 0 3	1850	P	S	0	1							
	4	D 0 0 4	25250	P	S	0	1							
	5	D 0 0 5	820	P	S	0	1							
	6	D 0 0 6	5150	P	S	0	1							
	7	D 0 0 7	37750	P	S	0	1							
	8	D 0 0 8	54000	P	S	0	1							
	9	D 0 0 9	1000	P	S	0	1							
1	0	D 0 1 0	450	P	S	0	1							
1	1	D 0 1 1	25400	P	S	0	1							
1	2	D 0 1 2	180	P	S	0	1							
1	3	D 0 1 3	40	P	S	0	1							
1	4	D 0 1 4	40	P	S	0	1							
1	5	D 0 1 5	70	P	S	0	1							
1	6	D 0 1 6	40	P	S	0	1							
1	7	D 0 1 7	40	P	S	0	1							
1	8	D 0 1 8	300	P	S	0	1							
1	9	D 0 1 9	250	P	S	0	1							
2	0	D 0 2 0	300	P	S	0	1							
2	1	D 0 2 1	150	P	S	0	1							
2	2	D 0 2 2	330	P	S	0	1							
2	3	D 0 2 3	40	P	S	0	1							
2	4	D 0 2 4	40	P	S	0	1							
2	5	D 0 2 5	40	P	S	0	1							
2	6	D 0 2 6	40	P	S	0	1							
2	7	D 0 2 7	220	P	S	0	1							
2	8	D 0 2 8	400	P	S	0	1							
2	9	D 0 2 9	70	P	S	0	1							
3	0	D 0 3 0	300	P	S	0	1							
3	1	D 0 3 1	220	P	S	0	1							
3	2	D 0 3 2	290	P	S	0	1							
3	3	D 0 3 3	290	P	S	0	1							
3	4	D 0 3 4	290	P	S	0	1							
3	5	D 0 3 5	300	P	S	0	1							
3	6	D 0 3 6	190	P	S	0	1							
3	7	D 0 3 7	70	P	S	0	1							
3	8	D 0 3 8	140	P	S	0	1							
3	9	D 0 3 9	200	P	S	0	1							

9. Descriptions of Hazardous Wastes *(Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)*

Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)														D. PROCESSES (2) PROCESS DESCRIPTION (If a code is not entered in 9.D(1))
Technical Area 63 (Continued)																		
4	0	D	0	4	0	250	P	S	0	1								
4	1	D	0	4	1	170	P	S	0	1								
4	2	D	0	4	2	220	P	S	0	1								
4	3	D	0	4	3	250	P	S	0	1								
4	4	F	0	0	1	6410	P	S	0	1								
4	5	F	0	0	2	3450	P	S	0	1								
4	6	F	0	0	3	2850	P	S	0	1								
4	7	F	0	0	4	350	P	S	0	1								
4	8	F	0	0	5	3250	P	S	0	1								
4	9	F	0	0	6	70	P	S	0	1								
5	0	F	0	0	7	180	P	S	0	1								
5	1	F	0	0	8	70	P	S	0	1								
5	2	F	0	0	9	80	P	S	0	1								
5	3	F	0	1	0	40	P	S	0	1								
5	4	F	0	1	1	40	P	S	0	1								
5	5	F	0	1	2	40	P	S	0	1								
5	6	F	0	1	9	40	P	S	0	1								
5	7	F	0	2	0	40	P	S	0	1								
5	8	F	0	2	1	40	P	S	0	1								
5	9	F	0	2	2	40	P	S	0	1								
6	0	F	0	2	3	40	P	S	0	1								
6	1	F	0	2	4	40	P	S	0	1								
6	2	F	0	2	5	40	P	S	0	1								
6	3	F	0	2	6	40	P	S	0	1								
6	4	F	0	2	7	40	P	S	0	1								
6	5	F	0	2	8	40	P	S	0	1								
6	6	F	0	3	2	40	P	S	0	1								
6	7	F	0	3	4	40	P	S	0	1								
6	8	F	0	3	5	40	P	S	0	1								
6	9	F	0	3	7	40	P	S	0	1								
7	0	F	0	3	8	40	P	S	0	1								
7	1	F	0	3	9	40	P	S	0	1								
7	2	K	0	4	4	220	P	S	0	1								
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								

9. Descriptions of Hazardous Wastes *(Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)*

Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)												D. PROCESSES (2) PROCESS DESCRIPTION (If a code is not entered in 9.D(1))
Technical Area 63 (Continued)																
	79P001	40	P	S	01											
	80P002	40	P	S	01											
	81P003	40	P	S	01											
	82P004	40	P	S	01											
	83P005	40	P	S	01											
	84P006	40	P	S	01											
	85P007	40	P	S	01											
	86P008	40	P	S	01											
	87P009	40	P	S	01											
	88P010	40	P	S	01											
	89P011	40	P	S	01											
	90P012	40	P	S	01											
	91P013	40	P	S	01											
	92P014	40	P	S	01											
	93P015	40	P	S	01											
	94P016	40	P	S	01											
	95P017	40	P	S	01											
	96P018	40	P	S	01											
	97P020	40	P	S	01											
	98P021	40	P	S	01											
	99P022	40	P	S	01											
1	00P023	40	P	S	01											
1	01P024	40	P	S	01											
1	02P026	40	P	S	01											
1	03P027	40	P	S	01											
1	04P028	40	P	S	01											
1	05P029	40	P	S	01											
1	06P030	40	P	S	01											
1	07P031	40	P	S	01											
1	08P033	40	P	S	01											
1	09P034	40	P	S	01											
1	10P036	40	P	S	01											
1	11P037	40	P	S	01											
1	12P038	40	P	S	01											
1	13P039	40	P	S	01											
1	14P040	40	P	S	01											
1	15P041	40	P	S	01											
1	16P042	40	P	S	01											
1	17P043	40	P	S	01											

9. Descriptions of Hazardous Wastes *(Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)*

Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES	
				(1) PROCESS CODES (Enter code)	(2) PROCESS DESCRIPTION (If a code is not entered in 9.D(1))
Technical Area 63 (Continued)					
118	P044	40	P	S01	
119	P045	40	P	S01	
120	P046	40	P	S01	
121	P047	40	P	S01	
122	P048	40	P	S01	
123	P049	40	P	S01	
124	P050	40	P	S01	
125	P051	40	P	S01	
126	P054	40	P	S01	
127	P056	40	P	S01	
128	P057	40	P	S01	
129	P058	40	P	S01	
130	P059	40	P	S01	
131	P060	40	P	S01	
132	P062	40	P	S01	
133	P063	40	P	S01	
134	P064	40	P	S01	
135	P065	40	P	S01	
136	P066	40	P	S01	
137	P067	40	P	S01	
138	P068	40	P	S01	
139	P069	40	P	S01	
140	P070	40	P	S01	
141	P071	40	P	S01	
142	P072	40	P	S01	
143	P073	40	P	S01	
144	P074	40	P	S01	
145	P075	40	P	S01	
146	P076	40	P	S01	
147	P077	40	P	S01	
148	P078	40	P	S01	
149	P081	40	P	S01	
150	P082	40	P	S01	
151	P084	40	P	S01	
152	P085	40	P	S01	
154	P087	40	P	S01	
155	P088	40	P	S01	
156	P089	40	P	S01	
157	P092	40	P	S01	

9. Descriptions of Hazardous Wastes *(Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)*

Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES	
				(1) PROCESS CODES (Enter code)	(2) PROCESS DESCRIPTION (If a code is not entered in 9.D(1))
Technical Area 63 (Continued)					
1 5 7	P 0 9 3	40	P	S 0 1	
1 5 8	P 0 9 4	40	P	S 0 1	
1 5 9	P 0 9 5	40	P	S 0 1	
1 6 0	P 0 9 6	40	P	S 0 1	
1 6 1	P 0 9 7	40	P	S 0 1	
1 6 2	P 0 9 8	40	P	S 0 1	
1 6 3	P 0 9 9	40	P	S 0 1	
1 6 4	P 1 0 1	40	P	S 0 1	
1 6 5	P 1 0 2	40	P	S 0 1	
1 6 6	P 1 0 3	40	P	S 0 1	
1 6 7	P 1 0 4	40	P	S 0 1	
1 6 8	P 1 0 5	40	P	S 0 1	
1 6 9	P 1 0 6	40	P	S 0 1	
1 7 0	P 1 0 8	40	P	S 0 1	
1 7 1	P 1 0 9	40	P	S 0 1	
1 7 2	P 1 1 0	40	P	S 0 1	
1 7 3	P 1 1 1	40	P	S 0 1	
1 7 4	P 1 1 2	40	P	S 0 1	
1 7 5	P 1 1 3	40	P	S 0 1	
1 7 6	P 1 1 4	40	P	S 0 1	
1 7 7	P 1 1 5	40	P	S 0 1	
1 7 8	P 1 1 6	40	P	S 0 1	
1 7 9	P 1 1 8	40	P	S 0 1	
1 8 0	P 1 1 9	40	P	S 0 1	
1 8 1	P 1 2 0	40	P	S 0 1	
1 8 2	P 1 2 1	40	P	S 0 1	
1 8 3	P 1 2 2	40	P	S 0 1	
1 8 4	P 1 2 3	40	P	S 0 1	
1 8 5	P 1 2 7	40	P	S 0 1	
1 8 6	P 1 2 8	40	P	S 0 1	
1 8 7	P 1 8 5	40	P	S 0 1	
1 8 8	P 1 8 8	40	P	S 0 1	
1 8 9	P 1 8 9	40	P	S 0 1	
1 9 0	P 1 9 0	40	P	S 0 1	
1 9 1	P 1 9 1	40	P	S 0 1	
1 9 2	P 1 9 2	40	P	S 0 1	
1 9 3	P 1 9 4	40	P	S 0 1	
1 9 4	P 1 9 6	40	P	S 0 1	
1 9 5	P 1 9 7	40	P	S 0 1	

9. Descriptions of Hazardous Wastes ***(Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)***

Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)	D. PROCESSES (2) PROCESS DESCRIPTION (If a code is not entered in 9.D(1))
Technical Area 63 (Continued)					
196	P198	40	P	S01	
197	P199	40	P	S01	
198	P201	40	P	S01	
199	P202	40	P	S01	
200	P203	40	P	S01	
201	P204	40	P	S01	
202	P205	40	P	S01	
203	U001	40	P	S01	
204	U002	70	P	S01	
205	U003	40	P	S01	
206	U004	40	P	S01	
207	U005	40	P	S01	
208	U006	40	P	S01	
209	U007	40	P	S01	
210	U008	40	P	S01	
211	U009	40	P	S01	
212	U010	40	P	S01	
213	U011	40	P	S01	
214	U012	40	P	S01	
215	U014	40	P	S01	
216	U015	40	P	S01	
217	U016	40	P	S01	
218	U017	40	P	S01	
219	U018	40	P	S01	
220	U019	40	P	S01	
221	U020	40	P	S01	
222	U021	40	P	S01	
223	U022	40	P	S01	
224	U023	40	P	S01	
225	U024	40	P	S01	
226	U025	40	P	S01	
227	U026	40	P	S01	
228	U027	40	P	S01	
229	U028	40	P	S01	
230	U029	40	P	S01	
231	U030	40	P	S01	
232	U031	40	P	S01	
233	U032	40	P	S01	
234	U033	40	P	S01	

9. Descriptions of Hazardous Wastes *(Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)*

Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES	
				(1) PROCESS CODES (Enter code)	(2) PROCESS DESCRIPTION (If a code is not entered in 9.D(1))
Technical Area 63 (Continued)					
235	U034	40	P	S01	
236	U035	40	P	S01	
237	U036	40	P	S01	
238	U037	40	P	S01	
239	U038	40	P	S01	
240	U039	40	P	S01	
241	U041	40	P	S01	
242	U042	40	P	S01	
243	U043	40	P	S01	
244	U044	40	P	S01	
245	U045	40	P	S01	
246	U046	40	P	S01	
247	U047	40	P	S01	
248	U048	40	P	S01	
249	U049	40	P	S01	
250	U050	40	P	S01	
251	U051	40	P	S01	
252	U052	40	P	S01	
253	U053	40	P	S01	
254	U054	40	P	S01	
255	U055	40	P	S01	
256	U056	40	P	S01	
257	U057	40	P	S01	
258	U058	40	P	S01	
259	U059	40	P	S01	
260	U060	40	P	S01	
261	U061	40	P	S01	
262	U062	40	P	S01	
263	U063	40	P	S01	
264	U064	40	P	S01	
265	U066	40	P	S01	
266	U067	40	P	S01	
267	U068	40	P	S01	
268	U069	40	P	S01	
269	U070	40	P	S01	
270	U071	40	P	S01	
271	U072	40	P	S01	
272	U073	40	P	S01	
273	U074	40	P	S01	
274	U075	40	P	S01	
275	U076	40	P	S01	

9. Descriptions of Hazardous Wastes ***(Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)***

Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)	D. PROCESSES (2) PROCESS DESCRIPTION (If a code is not entered in 9.D(1))
Technical Area 63 (Continued)					
274	U076	40	P	S01	
275	U077	40	P	S01	
276	U078	40	P	S01	
277	U079	40	P	S01	
278	U080	120	P	S01	
279	U081	40	P	S01	
280	U082	40	P	S01	
281	U083	40	P	S01	
282	U084	40	P	S01	
283	U085	40	P	S01	
284	U086	40	P	S01	
285	U087	40	P	S01	
286	U088	40	P	S01	
287	U089	40	P	S01	
288	U090	40	P	S01	
289	U091	40	P	S01	
290	U092	40	P	S01	
291	U093	40	P	S01	
292	U094	40	P	S01	
293	U095	40	P	S01	
294	U096	40	P	S01	
295	U097	40	P	S01	
296	U098	40	P	S01	
297	U099	40	P	S01	
298	U101	40	P	S01	
299	U102	40	P	S01	
300	U103	40	P	S01	
301	U105	40	P	S01	
302	U106	40	P	S01	
303	U107	40	P	S01	
304	U108	40	P	S01	
305	U109	40	P	S01	
306	U110	40	P	S01	
307	U111	40	P	S01	
308	U112	40	P	S01	
309	U113	40	P	S01	
310	U114	40	P	S01	
311	U115	40	P	S01	
312	U116	40	P	S01	

9. Descriptions of Hazardous Wastes *(Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)*

Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES	
				(1) PROCESS CODES (Enter code)	(2) PROCESS DESCRIPTION (If a code is not entered in 9.D(1))
Technical Area 63 (Continued)					
31	U117	40	P	S01	
32	U118	40	P	S01	
33	U119	40	P	S01	
34	U120	40	P	S01	
35	U121	40	P	S01	
36	U122	70	P	S01	
37	U123	40	P	S01	
38	U124	40	P	S01	
39	U125	40	P	S01	
40	U126	40	P	S01	
41	U127	40	P	S01	
42	U128	40	P	S01	
43	U129	40	P	S01	
44	U130	40	P	S01	
45	U131	40	P	S01	
46	U132	40	P	S01	
47	U133	40	P	S01	
48	U134	40	P	S01	
49	U135	40	P	S01	
50	U136	120	P	S01	
51	U137	40	P	S01	
52	U138	40	P	S01	
53	U139	40	P	S01	
54	U140	40	P	S01	
55	U141	40	P	S01	
56	U142	40	P	S01	
57	U143	40	P	S01	
58	U144	40	P	S01	
59	U145	40	P	S01	
60	U146	40	P	S01	
61	U147	40	P	S01	
62	U148	40	P	S01	
63	U149	40	P	S01	
64	U150	40	P	S01	
65	U151	70	P	S01	
66	U152	40	P	S01	
67	U153	40	P	S01	
68	U154	40	P	S01	
69	U155	40	P	S01	
70	U156	40	P	S01	
71	U157	40	P	S01	

9. Descriptions of Hazardous Wastes *(Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)*

Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)										D. PROCESSES (2) PROCESS DESCRIPTION (If a code is not entered in 9.D(1))
Technical Area 63 (Continued)														
352	U157	40	P	S	0	1								
353	U158	40	P	S	0	1								
354	U159	40	P	S	0	1								
355	U160	40	P	S	0	1								
356	U161	40	P	S	0	1								
357	U162	40	P	S	0	1								
358	U163	40	P	S	0	1								
359	U164	40	P	S	0	1								
360	U165	40	P	S	0	1								
361	U166	40	P	S	0	1								
362	U167	40	P	S	0	1								
363	U168	40	P	S	0	1								
364	U169	40	P	S	0	1								
365	U170	40	P	S	0	1								
366	U171	40	P	S	0	1								
367	U172	40	P	S	0	1								
368	U173	40	P	S	0	1								
369	U174	40	P	S	0	1								
370	U175	40	P	S	0	1								
371	U176	40	P	S	0	1								
372	U177	40	P	S	0	1								
373	U178	40	P	S	0	1								
374	U180	40	P	S	0	1								
375	U181	40	P	S	0	1								
376	U182	40	P	S	0	1								
377	U183	40	P	S	0	1								
378	U184	40	P	S	0	1								
379	U185	40	P	S	0	1								
380	U186	40	P	S	0	1								
381	U187	40	P	S	0	1								
382	U188	40	P	S	0	1								
383	U189	40	P	S	0	1								
384	U190	40	P	S	0	1								
385	U191	40	P	S	0	1								
386	U192	40	P	S	0	1								
387	U193	40	P	S	0	1								
388	U194	40	P	S	0	1								
389	U196	40	P	S	0	1								
390	U197	40	P	S	0	1								

9. Descriptions of Hazardous Wastes *(Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)*

Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES	
				(1) PROCESS CODES (Enter code)	(2) PROCESS DESCRIPTION (If a code is not entered in 9.D(1))
Technical Area 63 (Continued)					
391	U200	40	P	S01	
392	U201	40	P	S01	
393	U202	40	P	S01	
394	U203	40	P	S01	
395	U204	40	P	S01	
396	U205	40	P	S01	
397	U206	40	P	S01	
398	U207	40	P	S01	
399	U208	40	P	S01	
400	U209	40	P	S01	
401	U210	40	P	S01	
402	U211	40	P	S01	
403	U212	40	P	S01	
404	U213	40	P	S01	
405	U214	40	P	S01	
406	U215	40	P	S01	
407	U216	40	P	S01	
408	U217	40	P	S01	
409	U218	40	P	S01	
410	U219	40	P	S01	
411	U220	70	P	S01	
412	U221	40	P	S01	
413	U222	40	P	S01	
414	U223	40	P	S01	
415	U224	40	P	S01	
416	U225	70	P	S01	
417	U226	40	P	S01	
418	U227	70	P	S01	
419	U228	40	P	S01	
420	U229	40	P	S01	
421	U230	40	P	S01	
422	U231	40	P	S01	
423	U232	40	P	S01	
424	U233	40	P	S01	
425	U234	40	P	S01	
426	U235	40	P	S01	
427	U236	40	P	S01	
428	U237	40	P	S01	
429	U238	40	P	S01	

9. Descriptions of Hazardous Wastes *(Continued. Use the Additional Sheet(s) as necessary; number pages as 5 a, etc.)*

Line Number	A. EPA Hazardous Waste No. (Enter code)	B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES (1) PROCESS CODES (Enter code)										D. PROCESSES (2) PROCESS DESCRIPTION (If a code is not entered in 9.D(1))
Technical Area 63 (Continued)														
4 3 0	U 2 4 9	40	P	S	0	1								
4 3 1	U 2 7 1	40	P	S	0	1								
4 3 2	U 2 7 8	40	P	S	0	1								
4 3 3	U 2 7 9	40	P	S	0	1								
4 3 4	U 2 8 0	40	P	S	0	1								
4 3 5	U 3 2 8	40	P	S	0	1								
4 3 6	U 3 5 3	40	P	S	0	1								
4 3 7	U 3 5 9	40	P	S	0	1								
4 3 8	U 3 6 4	40	P	S	0	1								
4 3 9	U 3 6 7	40	P	S	0	1								
4 4 0	U 3 7 2	40	P	S	0	1								
4 4 1	U 3 7 3	40	P	S	0	1								
4 4 2	U 3 8 7	40	P	S	0	1								
4 4 3	U 3 8 9	40	P	S	0	1								
4 4 4	U 3 9 4	40	P	S	0	1								
4 4 5	U 3 9 5	40	P	S	0	1								
4 4 6	U 4 0 4	40	P	S	0	1								
4 4 7	U 4 0 9	40	P	S	0	1								
4 4 8	U 4 1 0	40	P	S	0	1								
4 4 9	U 4 1 1	40	P	S	0	1								

11. Map (See instructions on pages 25 and 26)

Attach to this application a topographic 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 and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in this map area. See instructions for precise requirements.

12. Facility Drawing (See instructions on page 26)

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

13. Photographs (See instructions on page 26)

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).

14. Comments (See instructions on page 26)

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