FFCO

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Date: March 13, 2007
Refer To: ENV-RCRA: 07-043

Ms. Lee Winn
Environmental Specialist
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303

RECEIVED
MAR 2007
NMED Hazardous Waste Bureau

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

SUBJECT: SITE TREATMENT PLAN (STP) FISCAL YEAR 2006 UPDATE AND REVISION 17.0 PROPOSAL, LOS ALAMOS NATIONAL LABORATORY (LANL) FEDERAL FACILITY COMPLIANCE ORDER (FFCO), OCTOBER 4, 1995

Dear Ms. Winn:

The purpose of this letter is to transmit to the New Mexico Environment Department (NMED) the LANL Site Treatment Plan (STP) Fiscal Year 2006 Annual Update and to request approval of Revision 17 to the STP Compliance Plan Volume (CPV). The Annual Update has been prepared for the NMED by the Department of Energy (DOE) and Los Alamos National Security, LLC in accordance with the requirements of Section VII, *"Annual Site Treatment Plan Updates,"* of the FFCO. The revision request has been prepared in accordance with the requirements of Section X.C.2, *"Revisions,"* of the FFCO.

The Fiscal Year 2006 Annual Update for the STP Background Volume is provided as Attachment A. The Fiscal Year 2006 Annual Update for the STP Compliance Plan Volume is provided as Attachment B. The Revision 17.0 Proposal is provided as Attachment C. Proposed revision text, using the redline/strikeout method is provided as Attachment D. A clean copy version of the proposed text for NMED's approval is provided as Attachment E. The Certification Statement is provided as Attachment F. The enclosed document has been approved for public release and unlimited distribution.

Please contact me by telephone at (505) 667-4715 or by email at **dyea@lanl.gov** if you have any questions.

Sincerely,

Albert Dye

2277

Albert Dye
STP Project Manager
Water Quality & RCRA Group

AD/lm

Attachment: a/s

Cy: James Bearzi, NMED/HWB, Santa Fe, NM, w/enc.
Gene Turner, NNSA/LASO, w/enc., MS A316
Richard V. Bynum, PADOPS, w/enc., MS A102
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Chris Duy, WS-HMWO, w/enc., MS J595
ENV-RCRA, File, w/enc., MS K490
IRM-RMMSO, w/enc., MS A150

STP Background Volume
Attachment A

Los Alamos National Laboratory

Federal Facility Compliance Order

Annual Site Treatment Plan Update for Fiscal Year 2006

Background Volume

LA-UR-07-1451

March 16, 2007

Los Alamos

NATIONAL LABORATORY

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ACRONYMS

BV	Background Volume
CCA	Compliance Certification Application
40 CFR	Title 40 of the Code of Federal Regulations
CMR	Chemical and Metallurgic Research
CPV	Compliance Plan Volume
DOE	Department of Energy
DSSI	Diversified Scientific Services, Inc.
EPA	Environmental Protection Agency
ESI	EnergySolutions, Inc.
FFCO	Federal Facility Compliance Order
FR	Federal Register
FY	Fiscal Year
LANL	Los Alamos National Laboratory
LANS	Los Alamos National Security, LLC
LDR	Land Disposal Restrictions (RCRA)
LWAA	Land Withdrawal Act Amendments
M&EC	Materials and Energy Corporation
MLLW	Mixed Low-Level Waste
MTRU	Mixed Transuranic
MWIR	Mixed Waste Inventory Report
NMED	New Mexico Environment Department
ORNL	Oak Ridge National Laboratory
PCB	Polychlorinated Biphenyl
RCRA	Resource Conservation and Recovery Act
STP	Site Treatment Plan
TA	Technical Area
TBV	To be verified
TRU	Transuranic
UC	University of California
UTS	Universal Treatment Standards
WIPP	Waste Isolation Pilot Plant

1.0 INTRODUCTION

On October 4, 1995, the New Mexico Environment Department (NMED) issued a Federal Facility Compliance Order (FFCO) to the Department of Energy (DOE) and its then management and operating contractor, the University of California (UC) Regents. The FFCO required Los Alamos National Laboratory (LANL) to implement the Site Treatment Plan (STP) for the treatment of mixed waste at LANL. The STP was written to address treatment capacities and technologies to treat all of LANL's mixed waste, regardless of the time it was generated. Section VII of the FFCO requires LANL to submit an Annual Site Treatment Plan Update to the NMED each year on or before March 31. On June 1, 2006 Los Alamos National Security, LLC (LANS) replaced UC as operating contractor of LANL at which time LANS assumed responsibility for compliance with the FFCO.

The STP contains two volumes, the Compliance Plan Volume (CPV) and the Background Volume (BV). The FFCO requires the Annual Update bring information in both volumes current to the end of the previous federal fiscal year (FY). The update to the BV provides the following information:

- The amount of each covered waste stored at LANL as follows: 1) the estimated volume in storage at the end of the previous fiscal year; and 2) the estimated volume anticipated to be placed in storage for the next five fiscal years;
- A progress report from the end of the previous federal fiscal year describing treatment progress and treatment technology development for each treatment facility and activity scheduled in the STP; a description, if applicable, of current or anticipated alternative treatment technology that is being evaluated for use instead of treatment technologies or capacities identified in the STP;
- A description of DOE's funding for STP-related activities and any funding issues that may affect the schedule;
- The status of the "No-Migration Variance Petition" or any treatability variances; and
- A progress report on characterization and/or treatment capabilities or plans for mixed transuranic waste (MTRU) related to the waste treatment standards, if any, for the DOE Waste Isolation Pilot Plant (WIPP) facility near Carlsbad, New Mexico.

This document constitutes the FY06 update to the BV.

2.0 AMOUNT OF EACH COVERED WASTE STORED AT LANL

2.1 MIXED LOW LEVEL WASTE (MLLW) INVENTORY

During FY06, MLLW covered inventories increased from approximately 3.65 m^3 to 4.11 m^3. Table 2.1-1 summarizes changes to the estimated MLLW covered waste inventory for FY06. A total of 1.88 m^3 of newly generated waste became covered during FY06 and 1.26 m^3 of covered waste was treated, recycled, or disposed during the fiscal year. Each item in the MLLW covered waste inventory is verified during quality control activities for individual shipments for treatment and disposal or recycling. Inconsistencies may exist in treatability groups between the original

inventory reported when compared to actual shipments. These inconsistencies are reconciled annually, with the STP update, under Administrative Adjustments.

TABLE 2.1-1: FY06 MLLW Inventory Summary

Contribution	Volume (M3)
Estimated MLLW Inventory Reported in FY05 Annual Update	**3.647**
Proposed Revision 17.0	
Newly Generated Covered Waste	1.878
Off-site Treatment	(1.260)
Off-site Recycle	(0.00)
On-site Decontamination	(0.00)
Treatability Study Use	(0.00)
Administrative Adjustments	(0.153)
Proposed Deletion under FFCO Section V.B.	0.00
Estimated MLLW Inventory Reported in FY06 Annual Update	**4.112**

Table 2.1-2 below provides the detailed FY06 covered MLLW inventory changes by treatability group. Newly generated waste is waste that was generated in FY05 and became covered waste in FY06.

TABLE 2.1-2: FY06 MLLW Inventory Detailed Update by Treatability Group

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY05 Annual Update (m3)	Proposed Revision 17.0 (m3)	Comments	FY06 Annual Update (m3)	Projection FY06-FY10 (m3)
3.1.1	LA-W901 IPA Wastes	0	0		0	0
3.1.1	LA-W902 Scintillation Fluids	0	0		0	0
3.1.2	LA-W903 Lead Blankets	0	0		0	0
3.1.2	LA-W904 Soil with Heavy Metals	0	0		0	0
3.1.2	LA-W905 ER Soils	0	0		0	0
3.1.3	LA-W906 Aqueous Organic Liquids	0	0		0	0

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY05 Annual Update (m3)	Proposed Revision 17.0 (m3)	Comments	FY06 Annual Update (m3)	Projection FY06-FY10 (m3)
3.1.4	LA-W911 Organic-Contaminated Combustible Solids	0	0		0	0
3.1.4	LA-W919 Organic-Contaminated Noncombustible Solids	0	0		0	0
3.1.5	LA-W912 Combustible Debris	0	0		0	0
3.1.5	LA-W921 Activated or Inseparable Lead	0	0		0	0
3.1.5	LA-W922 Noncombustible Debris	0	0.0015	Newly generated	0.0015	2
3.1.6	LA-W913 Aqueous Wastes with Heavy Metals	0	0		0	0
3.1.6	LA-W914 Corrosive Solutions	0	0		0	0
3.1.6	LA-W915 Aqueous Cyanides, Nitrates, Chromates, and Arsenates	0	0		0	0
3.1.7	LA-W916 Water-Reactive Wastes	0	0		0	
3.1.8	LA-W917 Compressed Gases Requiring Scrubbing	0.0080			0.0080	0
3.1.9	LA-W918 Compressed Gases Requiring Oxidation	0.0682	-0.0038 0.0114	Shipped to M&EC 5/22/06 Newly Generated	0.0758	0
3.1.10	LA-W920 Elemental Mercury	0.0009	0		0.0009	
3.1.11	LA-W907 Halogenated Organic Liquids	0	0		0	0
3.1.11	LA-W908 Nonhalogenated Organic Liquids	0	0		0	0
3.1.11	LA-W909 Bulk Oils	0.2120	-0.2120 0.1060 -0.1060	Shipped to DSSI 5/3/06 Newly Generated shipped to DSSI 5/3/06	0.0568	0

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY05 Annual Update (m3)	Proposed Revision 17.0 (m3)	Comments	FY06 Annual Update (m3)	Projection FY06-FY10 (m3)
			0.0568 -0.0001	Newly Generated Administrative Adjustment		
3.1.11	LA-W910 PCB Wastes with RCRA Components	0.6322	-0.6322	Shipped to M&EC 12/03/05	0	2.2
3.1.11	LA-W923 Liquid and Solid Oxidizers	0	0	0	0	0
3.2	LA-W924 Lead Wastes – TBD	0.2100	0.6435 -0.1532	Newly Generated Administrative Adjustment	0.7003	
3.2	LA-W925 Mercury Wastes – TBD	0.7779	-0.0028 0.5480	Shipped to M&EC 5/3/06 Newly Generated	1.3231	1.5
3.2	LA-W926 Compressed Gases – TBD	0	0		0	0
3.2	LA-W927 Biochemical Laboratory Wastes	0	0		0	0
3.2	LA-W928 Dewatered Treatment Sludge	0	0		0	0
3.2	LA-W932 Explosives	0	0		0	
3.2	LA-W933 Lab Packs	0	0.0946 -0.0946 0.4164	Newly Generated shipped to Perma-Fix 5/22/06 Newly Generated	0.4164	2
3.2	LA-W934 High Activity Waste	1.7378	-0.2082	Shipped to ESI 7/17/06	1.5296	0.1
3.3.1	LA-W930 Lead for Surface Decontamination	0	0		0	0
3.3.2	LA-W929 Nonradioactive or Suspect Waste Items to be Surveyed	0	0		0	0
3.3.3	LA-W931 Lead Requiring Sorting	0	0		0	0
3.4	Missing/ nonexistent/ TBV category	0	0		0	N/A
	TOTALS	**3.6472**	**0.4652**		**4.1124**	

2.2 MIXED TRANSURANIC (MTRU) INVENTORY SUMMARY

During FY06, MTRU covered inventories decreased from approximately 4327 m^3 to 4152 m^3. Table 2.2-1 summarizes changes to the estimated MTRU covered waste inventory for FY06.

Table 2.2-1: Covered MTRU Inventory Summary

Description	Volume (M3)
Covered MTRU Inventory Reported in FY05	4327.3
Covered MTRU Waste to WIPP	(304.5)
New Covered MTRU Waste	83.3
CMR and TA-55 Covered MTRU Waste	45.5
Covered MTRU Inventory At End of FY06	**4152**

The estimated covered MTRU waste inventory at LANL is described by treatability group in Table 2.2-2 below. This table presents the estimated volume of covered MTRU waste for each treatability group.

TABLE 2.2-2. FY06 Estimated Covered MTRU Inventory by Treatability Group

Waste Treatability Group Description	Estimated Covered Volume (m3) FY05	Estimated New Covered Volume (m3) FY06	Estimated Covered Volume (m3) to WIPP FY06	Estimated Covered Volume (m3) FY06
SOLIDIFIED INORGANIC AND ORGANIC SOLIDS	144.6	11.86	-0.4	146
METALLIC WASTE	72.3	0	-3.3	68.9
RH METALLIC WASTE	16.8	0	0	16.8
GLASS WASTE	1.9	0	0	1.9
NON-COMBUSTIBLE WASTE	83.0	0	0	83.0
COMBINED COMBUSTIBLE AND NON-COMBUSTIBLE WASTE	1959.6	71.26	-97.8	1904.9
COMBUSTIBLE WASTE	168.3	0.2	-23.7	145.0
ORGANIC LIQUID	0	0	0	0
CEMENTED PROCESS SLUDGE	1862.2	0	-177.6	1684.6
LEADED GLOVEBOX GLOVES	19.2	0	-1.7	17.6
Total	**4327.3**	**83.3**	**-304.5**	**4106**

3.0 TREATMENT PROGRESS

3.1 OFF-SITE TREATMENT

During FY06, covered mixed waste streams were shipped for treatment to off-site commercial treatment facilities such as EnergySolutions of Clive, Utah; DSSI in Kingston, TN; Perma-Fix in Gainesville, Florida and Material and Energy Corporation (M&EC) in Oak Ridge, Tennessee.

- **EnergySolutions**

EnergySolutions' (formerly Envirocare) Clive, Utah site is a Resource Conservation and Recovery Act (RCRA) facility that is licensed by the State of Utah and the Environmental Protection Agency (EPA) to receive, possess, use, treat, and dispose of mixed radioactive materials. EnergySolutions has a mixed waste treatment facility that incorporates treatment technologies designed to reduce the toxicity of waste materials prior to disposal. Current mixed waste treatment technologies used at EnergySolutions include stabilization, deactivation, neutralization, reduction/oxidation, chemical fixation, and polymer encapsulation. Disposal of the treated residue at EnergySolutions occurs after verification that the material meets applicable treatment standards.

- **Perma-Fix**

Perma-Fix of Gainesville, Florida is a RCRA permitted facility with a Radioactive Materials License for processing scintillation cocktail vials and other mixed waste fluids for blending and shipment to an energy recovery facility. Perma-Fix services include the decommissioning of labpacks, thermal treatment of organics, stabilization and solidification of inorganics, and distillation of halogenated organics. The facility also performs chemical treatments such as demulsification /precipitation/flocculation, solvent extraction, chelation, oxidation-reduction, ion exchange, absorption/adsorption, amalgamation, and chemical decontamination.

- **Material and Energy Corporation**

M&EC, located in the East Tennessee Technology Park in Oak Ridge, Tennessee, is a newly permitted treatment facility for low-level radioactive and mixed waste. The facility installed six treatment processes and has the capability of treating organic and inorganic mixed waste to meet the LDR criteria. These processes include stabilization/solidification, chemical extraction, chemical fixation, metals precipitation, neutralization, and debris treatment. M&EC became operational in September 2001.

- **Diversified Scientific Services, Inc. (DSSI)**

Diversified Scientific Services, Inc., was acquired by Perma-Fix Environmental Services in September 2000. Waste delivered to DSSI is thermally treated and the residue is disposed of at an appropriately licensed and permitted disposal facility. Through beneficial recovery of thermal energy, the waste that would otherwise be stored produces a useful product (electricity) while accomplishing a substantial waste reduction. DSSI is located in Kingston, Tennessee.

Table 3.1-1 below is a summary of LANL's off-site shipments for treatment and/or disposal of covered MLLW in FY06. A total volume of 1.26 cubic meters of STP waste was shipped off-site for treatment and/or disposal.

TABLE 3.1-1: FY06 STP MLLW Off-Site Shipments for Treatment and/or Disposal

Date Shipped	Destination	MWIR #	Treatability Group	Vol (m^3)	Shipping Manifest No.	Date NMED Notified	CPV Section
12/13/2005	M&EC	LA-W910	*PCB Wastes with RCRA Components*	0.6322	06051	01/24/2006	3.1.11
05/03/2006	M&EC	LA-W925	*Mercury Wastes – TBD*	0.0028	06424	06/13/2006	3.2
05/03/2006	DSSI	LA-W909	*Bulk Oils*	0.3180	06420	06/13/2006	3.1.11
05/22/2006	Perma-Fix	LA-W918	*Compressed Gases Requiring Oxidation*	0.0038	06434	06/28/2006	3.1.9
05/22/2006	Perma-Fix	LA-W933	*Lab Packs*	0.0946	06435	3/14/2006	3.1.6
7/17/2005	ESI	LA-W934	*High Activity Waste*	0.2082	06448	08/23/2006	3.2
			Total Volume	1.2596			

3.2 OFF-SITE RECYCLING

In FY06, DOE and LANS conducted no off-site recycling.

TABLE 3.2-1: FY06 STP MLLW Off-Site Shipments for Recycling

Date Shipped	Destination	MWIR #	Treatability Group	Vol (m^3)	Shipping Manifest No.	Date NMED Notified	CPV Section
			Total Volume	**0.00**			

3.3 ON-SITE TREATMENT AND RECYCLING

In FY06, DOE and LANS conducted no on-site treatment or recycling.

TABLE 3.3-1: FY06 STP MLLW On-Site Treatment

MWIR #	Treatability Group	Vol (m^3)	Date NMED Notified	CPV Section
	Total Volume	**0.00**		

3.4 ON-SITE LEAD DECONTAMINATION

No LANL covered MLLW was decontaminated on-site during FY06.

3.5 TREATABILITY STUDIES

In FY06, DOE and LANS conducted no treatability studies.

TABLE 3.5-1: FY06 STP MLLW Treatability Studies

Date Shipped	Destination	MWIR #	Treatability Group	Vol (m^3)	Shipping Manifest No.	Date NMED Notified	CPV Section
			Total Volume	**0.00**			

3.6 ADMINISTRATIVE ADJUSTMENTS AND CORRECTIONS

Administrative adjustments and corrections are due to discrepancies found during quality control activities related to preparing waste for treatment, inventory, and disposal or when preparing for the STP Annual Update. These adjustments may result in additions of newly identified covered waste, transfers of waste to other treatability groups, or transfers of waste to the *missing/nonexistent/TBV category* of the STP. A thorough data quality review is conducted annually to compare shipment notifications with shipping manifests against database updates. The discrepancies in the following table were discovered when preparing the FY06 Annual Update to the STP.

TABLE 3.6-1: Administrative Adjustments and Corrections

MWIR Waste ID	Treatability Group	Volume (m^3)	Comments	CPV Section
LA-W909	*Bulk Oils*	(0.0001)	Volume Correction	3.1.11
LA-W910	*PCB Waste with RCRA Components*	(0.0001)	Volume Correction	3.1.11
LA-W924	*Lead Wastes TBD*	(0.1532)	Excess Inventory Reported	3.2
	Net Total	(0.1534)		

3.7 OTHER TYPES OF MIXED WASTE ACTIVITIES

No other MLLW activities were performed.

4.0 TREATMENT TECHNOLOGY DEVELOPMENT

During FY06, the availability of commercial and federal facility off-site treatment and disposal capacity for MLLW remained stable. As a result of DOE's increasing reliance on commercial treatment/disposal for mixed wastes, nearly all funding for onsite technology development has been reprioritized to support off-site treatment and disposal of mixed wastes. DOE treatment technology development initiatives are generally limited to specific technologies or technology adaptations in response to specific needs that cannot be addressed through commercial facilities.

4.1 TREATMENT TECHNOLOGIES BEING EVALUATED

DOE and LANS continue to monitor the development of other potential treatment technologies that may become available in the future. Some of these technologies are being developed at LANL and at other DOE sites. Numerous other commercially developed treatment processes exist which have not been demonstrated on mixed wastes.

4.1.1 Off-Site Commercial Treatment Facilities

M&EC is licensed for a technology to treat mercury-contaminated waste using amalgamation. The treatment consists of mixing proprietary amalgamation agents with the waste until the process analysis shows that the mercury was fully reacted. When the amalgamation is complete, the wastes is stabilized and sampled. The resultant product is a waste form suitable for land disposal. This mercury treatment process will be evaluated once it becomes available for low-level mixed waste treatment pending approval of a permit modification request.

4.1.2 Off-Site DOE Treatment Facilities

LANS staff at LANL will continue to evaluate off-site DOE-operated treatment facilities for their appropriateness to treat LANL STP waste.

5.0 DOE FUNDING FOR STP-RELATED ACTIVITIES

Funding to implement the LANL STP for mixed waste during FY06 was sufficient to meet all compliance dates as required by the STP issued on October 4, 1995. As stated in previous updates to the STP, funding is no longer available for development of mobile treatment units at LANL, but funding was provided during FY98, FY99, FY00, FY01, FY02, FY03, FY04, FY05 and FY06 for shipment of mixed waste offsite for treatment and disposal at DOE and commercial facilities. Funding during FY07 is also sufficient to meet all compliance dates established in the STP for FY06. Should funding reductions occur that would affect STP compliance dates, the DOE and LANS will so notify the NMED to address compliance schedules and activities.

The DOE Assistant Secretary for Environmental Management has initiated a long-range plan for its cleanup and waste management activities, with a goal of accelerating clean-up progress as much as possible before 2006. The plan, *Accelerating Cleanup: Paths to Closure*, includes sections for the LANL site that address MLLW and Transuranic (TRU) wastes that are currently in storage (legacy waste). Current funding targets for waste management in the draft *LANL Accelerating Cleanup: Paths to Closure* plan should allow LANS Staff at LANL to continue to meet all compliance dates in the STP, but assume that MTRU waste is not required to be treated to meet LDR before shipment to WIPP for disposal, as provided for in the WIPP Land Withdrawal Act Amendments.

Beginning in FY99, all newly generated MLLW with a disposal path was planned to be treated and disposed within one year if a treatment/disposal capability was available for the waste. All MLLW placed into storage before FY99 is planned to be treated and disposed before the end of FY07.

6.0 TREATMENT VARIANCES

The RCRA allows certain case-by-case variances from LDR standards. Variances that may be sought under the RCRA relate to requests for substitution of an alternative treatment technology in place of the LDR-required treatment technology. This section discusses any potential treatment variances related to LANL's covered waste, as described below.

6.1 WIPP NO-MIGRATION VARIANCE PETITION/LANL WITHDRAWL ACT AMENDMENTS

The WIPP is a DOE facility located near Carlsbad, New Mexico, as a repository for the TRU waste that was generated by the nation's defense-related activities. Some of the TRU waste contains hazardous waste constituents regulated under the RCRA.

The WIPP repository is considered to be a deep geologic repository rather than a shallow landfill. It is wholly sited 2,100 ft below the land surface in a salt bed. Because salt has the advantageous characteristic of slow plastic deformation, it is predicted that the salt will entomb the waste and seal it from the human environment, making potential release of hazardous constituents a low-probability event.

The Land Withdrawal Act Amendments of 1996 (LWAA) (PL 104-201, Section 3188) exempts waste designated by the Secretary of Energy for disposal at WIPP from RCRA's LDRs. Following passage of the LWAA, EPA terminated its review of the No-Migration Variance Petition, submitted by DOE to EPA in May 1995. EPA formalized its withdrawal by letter to George Dials, DOE/Carlsbad Area Office manager, dated December 29, 1997.

On October 29, 1996, DOE submitted its Compliance Certification Application (CCA) to EPA. The CCA is intended to demonstrate to EPA that WIPP meets the requirements of Title 40 of the Code of Federal Regulations (40 CFR) Part 191 and 40 CFR Part 194. On October 23, 1997, EPA announced its proposed decision to issue a certification of compliance, subject to a number of specified conditions and to a public comment period of 120 days. On May 18, 1998, EPA published in the Federal Register (63 FR 27354) its final rule certifying that WIPP will comply with the requirements of Subparts B and C of 40 CFR Part 191 and amending the WIPP compliance criteria in 40 CFR Part 194. The final rule became effective June 17, 1998. On March 25, 1999, WIPP received its first shipment of non-mixed (radioactive only) TRU waste from Los Alamos. Other facilities have also shipped non-mixed TRU waste to WIPP. The New Mexico Environment Department issued a hazardous waste permit for WIPP on October 27, 1999, authorizing the DOE to manage, store, and dispose of contact-handled TRU mixed waste at the facility.

6.2 OTHER TREATMENT VARIANCE (S)

No treatment variances were requested or granted in FY06.

7.0 WIPP FACILITY CAPABILITIES

As discussed above, the DOE is planning to dispose of its defense TRU waste, both mixed and nonhazardous, in its deep geologic depository at the WIPP near Carlsbad, New Mexico. This facility is a receiving and disposal facility, without the capability of routinely opening and repackaging waste. TRU waste will already be containerized when received at the WIPP facility. The WIPP facility is not a generator of TRU waste, and therefore will receive all of the waste in shipments from off-site.

7.1 CHARACTERIZATION CAPABILITIES AT WIPP

No capabilities for characterization of TRU waste or hazardous waste constituents regulated by the RCRA were developed at the WIPP facility. During the present fiscal year, DOE is planning to resubmit permit modification requests that would lay the groundwork to accelerate cleanup at sites with small quantities of TRU waste (6,000 drums or less). Under this plan, generator/storage sites would characterize their waste. The DOE originally submitted this permit modification in July 2000. After hearing stakeholder concerns, the DOE withdrew the modification request and has subsequently resubmitted in FY02.

7.2 MTRU TREATMENT CAPABILITIES AND PLANS

No capabilities for treatment of MTRU to meet the LDR standards were developed at the WIPP facility. As described above, the LWAA exempted wastes designated by the Secretary of Energy for disposal at the WIPP from this requirement.

8.0 REFERENCES

1. "*Federal Facility Compliance Order (Los Alamos National Laboratory*" New Mexico Environment Department (October 4, 1995)
2. "*Hazardous Waste Report for Los Alamos National Laboratory*" Volumes I and II, ESH-19, Los Alamos National Laboratory (February 1996)
3. "*Transuranic Waste Baseline Inventory Report Revision 3*", US Department of Energy, Carlsbad Area Office (December 1995)
4. "*AL Mixed Waste Treatment Plan*", Los Alamos National Laboratory (March 1994)
5. Congress, 1996. Text of Public Law 104-201, Congressional Record dated September 23, 1996, Amendment to Public Law 102-579, 1992 *Waste Isolation Pilot Plant Land Withdrawal Act (106 Stat. 4777)*
6. "*Los Alamos National Laboratory Federal Facility Compliance Order Annual Site Treatment Plan Update for Fiscal Year 1995*" (March 1996).
7. "*Los Alamos National Laboratory Federal Facility Compliance Order Annual Site Treatment Plan Update for Fiscal Year 1996*" (March 1997).
8. "*Los Alamos National Laboratory Federal Facility Compliance Order Annual Site Treatment Plan Update for Fiscal Year 1997*" (March 1998).
9. "*Los Alamos National Laboratory Federal Facility Compliance Order Annual Site Treatment Plan Update for Fiscal Year 1998*" (March 1999).
10. "*Los Alamos National Laboratory Federal Facility Compliance Order Annual Site Treatment Plan Update for Fiscal Year 1999*" (December 1999).
11. *"Los Alamos National Laboratory Federal Facility Compliance Order, Site Treatment Plan, Revision 10.0"* (August 2000).
12. "*Los Alamos National Laboratory Federal Facility Compliance Order, Site Treatment Plan, Revision 11.0"* (April 2001)
13. 40 CFR Part 194, Criteria for the Certification of the Waste Isolation Pilot Plant's Compliance with the 40 CFR Part 191 Disposal Regulations: Certification Decision; Proposed Rule" (Federal Register V.62, No. 210, Oct. 30 1997, pp. 58792-58838
14. "*Los Alamos National Laboratory Federal Facility Compliance Order, Site Treatment Plan, Revision 12.0"* (March 2002)
15. *Los Alamos National Laboratory Federal Facility Compliance Order, Site Treatment Plan, Revision 13.0"* (March 2003)
16. *Los Alamos National Laboratory Federal Facility Compliance Order, Site Treatment Plan, Revision 14.0"* (March 2004)
17. *Los Alamos National Laboratory Federal Facility Compliance Order, Site Treatment Plan, Revision 15.0"* (March 2005)

18. *Los Alamos National Laboratory Federal Facility Compliance Order, Site Treatment Plan, Revision 16.0"* (March 2006)

Appendix A

Reported STP MLLW Inventories 1995-1996

Appendix A – Reported Inventories, 1995 – 1996 (from Table 2-1, LANL FY96 Annual Update)

CPV Sec.	MWIR Waste ID and Treatability Group	CPV Vol. (m^3)	FY95 Changes Covered Waste (m^3)[a]	Explanation for FY95 Change	Covered Vol. End of FY95 (m^3)	FY96 Changes Covered Waste (m^3)[b]	Comments	Covered Vol. End of FY96 (m^3)	Projection FY97-FY01 (m^3)
3.1.1	LA-W901 IPA Wastes	15.89	NC		15.89	Increased 4.07[d] Decreased 19.98	Waste volume incorrectly reported in original STP inventory Shipped off-site for treatment at commercial or DOE facilities during FY96	0.02	0.0
3.1.1	LA-W902 Scintillation Fluids	2.47	Decreased 2.24	Commercially treated in FY95	0.23	Increased 0.13[d] Decreased 0.36[d]	Waste volume incorrectly reported in original STP inventory Shipped off-site for treatment at commercial or DOE facilities during FY96	0.0038[g]	0.0
3.1.2	LA-W903 Lead Blankets	0.74	NC		0.74	Decreased 0.74	Shipped off-site for treatment at commercial facility during FY96	0.00	0.0
3.1.2	LA-W904 Soil with Heavy Metals	10.53	NC		10.53	Increased 0.11	Waste that was newly generated in FY95 that became covered waste in FY96	10.64	0.5
3.1.2	LA-W905 ER Soils	39.32	NC		39.32	Decreased 39.32	Shipped off-site for treatment or disposal at commercial facility during FY96	0.00	0.0
3.1.3	LA-W906 Aqueous Organic Liquids	1.65	Increased 0.43	Inadvertently omitted from STP	2.08	Increased 3.62	Waste that was newly generated in FY95 that became covered waste in FY96	5.70	18.1
3.1.4	LA-W911 Organic-Contaminated Combustible Solids	28.32	Decreased 0.11 Increased 0.17	Treated in treat-ability study in FY95 Inadvertently omitted from STP	28.38	Increased 5.24 Decreased 0.11	Waste that was newly generated in FY95 that became covered waste in FY96 Shipped for treatment in on-site treatability study during FY96	33.51	26.2
3.1.4	LA-W919 Organic-Contaminated Noncombustible Solids	7.82	Decreased 0.11 Increased 0.001	Treated in treat-ability study in FY95 Inadvertently omitted from STP	7.71	Increased 9.58	Waste that was newly generated in FY95 that became covered waste in FY96	17.29	47.9
3.1.5	LA-W912 Combustible Debris	13.82	NC		13.82	Increased 0.28	Waste that was newly generated in FY95 that became covered waste in FY96	14.10	1.4
3.1.5	LA-W921 Activated or Inseparable Lead	15.60	Decreased 7.42 Increased 10.11	Decontaminated and released in FY95 Received from LD200 effort	18.29	Increased 2.29 Decreased 12.45	Waste that was newly generated in FY95 that became covered waste in FY96 Shipped for off-site treatment at commercial facility during FY96	8.13	11.5
3.1.5	LA-W922 Noncombustible Debris	5.62	Decreased 0.0002 Increased 1.25	Treated in treat-ability study in FY95 Inadvertently	6.87	Increased 21.04	Waste that was newly generated in FY95 that became covered waste in FY96	27.91	105.2

CPV Sec.	MWIR Waste ID and Treatability Group	CPV Vol. (m^3)	FY95 Changes Covered Waste (m^3)[a]	Explanation for FY95 Change	Covered Vol. End of FY95 (m^3)	FY96 Changes Covered Waste (m^3)[b]	Comments	Covered Vol. End of FY96 (m^3)	Projection FY97-FY01 (m^3)
				omitted from STP					
3.1.6	LA-W913 Aqueous Wastes with Heavy Metals	1.85	NC		1.85	Increased 0.15 Decreased 0.030 Decreased 0.32	Waste that was newly generated in FY95 that became covered waste in FY96 Shipped for treatment in on-site treatability study during FY95 Shipped for treatment in on-site treatability study during FY96	1.65	0.8
3.1.6	LA-W914 Corrosive Solutions	1.36	Increased 0.04	Inadvertently omitted from STP	1.40	Increased 0.08 Decreased 0.67	Waste that was newly generated in FY95 that became covered waste in FY96 Shipped for treatment in on-site treatability study during FY96	0.81	0.4
3.1.6	LA-W915 Aqueous Cyanides, Nitrates, Chromates, and Arsenates	0.13	Decreased 0.0003 Increased 0.02	Treated in treat-ability study in FY95 Inadvertently omitted from STP	0.15	Increased 0.02 Decreased 0.0002 Decreased 0.0031	Waste that was newly generated in FY95 that became covered waste in FY96 Shipped for treatment in on-site treatability study during FY95 Shipped for treatment in on-site treatability study during FY96	0.17	0.1
3.1.7	LA-W916 Water-Reactive Wastes	6.03	Increased 0.02	Inadvertently omitted from STP	6.05	Increased 0.01	Waste that was newly generated in FY95 that became covered waste in FY96	6.06	0.05
3.1.8	LA-W917 Compressed Gases Requiring Scrubbing	0.35	NC		0.35	NC		0.35	0.0
3.1.9	LA-W918 Compressed Gases Requiring Oxidation	0.08	NC		0.08	Increased 0.01	Waste that was newly generated in FY95 that became covered waste in FY96	0.09	0.0
3.1.10	LA-W920 Elemental Mercury	0.50	NC		0.50	Increased 0.02	Waste that was newly generated in FY95 that became covered waste in FY96	0.52	0.1
3.2.1	LA-W907 Halogenated Organic Liquids	16.58	Increased 0.04	Inadvertently omitted from STP	16.62	Increased 0.45 Decreased 0.0025	Waste that was newly generated in FY95 that became covered waste in FY96 Shipped for treatment in on-site treatability study during FY96	17.07	2.3
3.2.1	LA-W908 Nonhalogenated Organic Liquids	14.34	Increased 0.08	Inadvertently omitted from STP	14.42	Increased 2.83	Waste that was newly generated in FY95 that became covered waste in FY96	17.25	14.2
3.2.1	LA-W909 Bulk Oils	3.75	NC		3.75	Increased 2.28	Waste that was newly generated in FY95 that became covered waste in FY96	6.03	11.4
3.2.1	LA-W910	0.74	NC		0.74	NC		0.74	0.0

CPV Sec	MWIR Waste ID and Treatability Group	CPV Vol. (m^3)	FY95 Changes Covered Waste (m^3)[a]	Explanation for FY95 Change	Covered Vol. End of FY95 (m^3)	FY96 Changes Covered Waste (m^3)[b]	Comments	Covered Vol. End of FY96 (m^3)	Projection FY97-FY01 (m^3)
	PCB Wastes with RCRA Components								
3.2.1	LA-W923 Inorganic Solid Oxidizers	0.20	Increased 0.32	Inadvertently omitted from STP	0.52	Decreased 0.087	Shipped for treatment in off-site treatability study during FY96	0.43	0.2
3.3	LA-W924 Lead Wastes – TBD	51.44	Decreased 11.28	Decontaminated and released in FY95	40.16	NC		40.16	0.0
3.3	LA-W925 Mercury Wastes - TBD	18.30	NC		18.30	Increased 1.52	Waste that was newly generated in FY95 that became covered waste in FY96	19.82	7.6
3.3	LA-W926 Compressed Gases - TBD	1.25	NC		1.25	NC		1.25	0.0
3.3	LA-W927 Biochemical Laboratory Wastes	1.34	NC		1.34	NC		1.34	0.0
3.3	LA-W928 Dewatered Treatment Sludge	268.17	NC		268.17	NC		268.17	0.0
3.4.1	LA-W930 Lead for Surface Decontamination	56.20	Decreased 14.64 Increased 22.50	Decontaminated and released in FY95 Received from LD200 effort	64.06	Increased 1.25	Waste that was newly generated in FY95 that became covered waste in FY96	65.31	6.3
3.4.2	LA-W929 Nonradioactive or Suspect Waste Items to be Surveyed	14.24	Decreased 0.002 Increased 0.00002	Decontaminated and released in FY95 Inadvertently omitted from STP	14.24	Decreased 0.00094 Decreased 0.0029	Shipped for treatment in on-site treatability study during FY95 Shipped for treatment in on-site treatability study during FY96	14.24	0.0
None[d]	LA-W931 Lead Requiring Sorting	9.97	Decreased 4.58 Increased 5.73	Decontaminated and released in FY95 Received from LD200 effort	11.12	Increased 0.44 Decreased 6.36	Waste that was newly generated in FY95 that became covered waste in FY96 Shipped for off-site treatment at commercial facility during FY96	5.20	2.2
None[e]	LA-W932 Explosives	0.0	NC			NC		0.0	0.0
None[e]	LA-W933 Lab Packs	0.0	NC			Increased 0.13	Waste that was newly generated in FY95 that became covered waste in FY96	0.13	0.8

Appendix B

Reported STP MLLW Inventories 1997

Table 2-1. FY97 MLLW Inventory Update Summary[a]

			FY97 Changes in Covered Waste				
CPV Sec.	MWIR Waste ID and Treatability Group/Category	3/96 Annual Update Volume (m^3)	Revision 5 (Other Changes) (m^3)	Revision 6 (3/98 FY97 Annual Update Changes)[b] (m^3)	Comments	3/98 Annual Update Volume (m^3)	Projection FY98-FY02 (m^3)
3.1.1	LA-W901 IPA Wastes	0.02	~~Decreased 0.005~~[e,m]	Decreased 0.02	Shipped off-site for treatment at commercial facility during FY97	0.00	0.0
3.1.1	LA-W902 Scintillation Fluids	0.0038[d]		Decreased 0.0038	Shipped off-site for treatment at commercial facility during FY97	0.00	0.0
3.1.2	LA-W903 Lead Blankets	0.00				0.00	0.0
3.1.2	LA-W904 Soil with Heavy Metals	10.64	~~Decreased 0.2082~~[e-m] ~~0.1047~~[n]	Decreased 0.62 Decreased 0.42 Decreased 8.91 Decreased 0.14	Transferred to LA-W910 (approved by NMED 9/18/97) Transferred to LA-W911 (approved by NMED 9/18/97) Shipped off-site for treatment at commercial or DOE facilities during FY97 Shipped off-site for treatment at commercial or DOE facilities during FY97	0.55	0.00
3.1.2	LA-W905 ER Soils	0.00				0.00	0.0
3.1.3	LA-W906 Aqueous Organic Liquids	5.70	~~Increased 0.0005~~[e-m] Increased ~~4.83~~[f] 4.26[f n]	Increased 5.74	Waste that was newly generated in FY96 that became covered waste in FY97	15.70	50.0
3.1.4	LA-W911 Organic-Contaminated Combustible Solids	33.51	Increased 1.46[f]	Increased 0.0038 Increased 0.42	Waste that was newly generated in FY96 that became covered waste in FY97 Transferred from LA-W904 (approved by NMED 9/18/97)	35.39	7.3
3.1.4	LA-W919 Organic-Contaminated Noncombustible Solids	17.29	Increased 0.95[f]	Increased 8.58 Increased 0.11	Waste that was newly generated in FY96 that became covered waste in FY97 Unused Treatability Study sample returned form off-site facility in FY97	26.93	47.6

			FY97 Changes in Covered Waste				
CPV Sec.	MWIR Waste ID and Treatability Group/Category	3/96 Annual Update Volume (m^3)	Revision 5 (Other Changes) (m^3)	Revision 6 (3/98 FY97 Annual Update Changes)[b] (m^3)	Comments	3/98 Annual Update Volume (m^3)	Projection FY98-FY02 (m^3)
3.1.5	LA-W912 Combustible Debris	14.10		Increased 0.32	Waste that was newly generated in FY96 that became covered waste in FY97	14.42	1.6
3.1.5	LA-W921 Activated or Inseparable Lead	8.13		Increased 1.58 Decreased 0.89 Decreased 1.72	Waste that was newly generated in FY96 that became covered waste in FY97 Shipped for off-site treatment at commercial facility during FY97 Shipped off-site for recycle at commercial facility in FY97	7.10	7.9
3.1.5	LA-W922 Noncombustible Debris	27.91		Increased 9.25 Decreased 2.915 Decreased 0.62	Waste that was newly generated in FY96 that became covered waste in FY97 Shipped for off-site treatment at commercial facility during FY97 Shipped for off-site treatment at commercial facility during FY97	33.63	46.2
3.1.6	LA-W913 Aqueous Wastes with Heavy Metals	1.65		Increased 1.02	Waste that was newly generated in FY96 that became covered waste in FY97	2.67	5.1
3.1.6	LA-W914 Corrosive Solutions	0.81		Increased 0.04	Waste that was newly generated in FY96 that became covered waste in FY97	0.85	0.2
3.1.6	LA-W915 Aqueous Cyanides, Nitrates, Chromates, and Arsenates	0.17				0.17	0.0
3.1.7	LA-W916 Water-Reactive Wastes	6.06		Increased 0.68	Waste that was newly generated in FY96 that became covered waste in FY97	6.74	3.4
3.1.8	LA-W917 Compressed Gases Requiring Scrubbing	0.35				0.35	0.0

			FY97 Changes in Covered Waste				
CPV Sec.	MWIR Waste ID and Treatability Group/Category	3/96 Annual Update Volume (m^3)	Revision 5 (Other Changes) (m^3)	Revision 6 (3/98 FY97 Annual Update Changes)[b] (m^3)	Comments	3/98 Annual Update Volume (m^3)	Projection FY98-FY02 (m^3)
3.1.9	LA-W918 Compressed Gases Requiring Oxidation	0.09		Increased 0.0002	Waste that was newly generated in FY96 that became covered waste in FY97	0.09	0.001
3.1.10	LA-W920 Elemental Mercury	0.52		Increased 0.12	Waste that was newly generated in FY96 that became covered waste in FY97	0.64	0.6
3.2.1	LA-W907 Halogenated Organic Liquids	17.07		Increased 0.15 Decreased 0.0076	Waste that was newly generated in FY96 that became covered waste in FY97 Shipped for off-site treatment at commercial facility during FY97	17.21	0.8
3.2.1	LA-W908 Nonhalogenated Organic Liquids	17.25		Increased 0.09 Increased 0.076 Decreased 0.49 Decreased 0.11	Waste that was newly generated in FY96 that became covered waste in FY97 Correction to volume reported in original STP inventory which was in error Shipped for off-site treatment at commercial facility during FY97 Correction to volume reported in original STP inventory which was in error	16.82	0.4
3.2.1	LA-W909 Bulk Oils	6.03		Increased 0.05 Increased 0.47 Decreased 2.22	Waste that was newly generated in FY96 that became covered waste in FY97 Correction to volume reported in original STP inventory which was in error Shipped for off-site treatment at commercial facility during FY97	4.33	0.2
3.2.1	LA-W910 PCB Wastes with RCRA Components	0.74		Increased 1.39 Increased 0.62	Waste that was newly generated in FY96 that became covered waste in FY97 Transferred from LA-W904 (Approved by NMED 9/18/97)	2.75	0.4
3.2.1	LA-W923 Liquid and Solid Oxidizers	0.43		Increased 0.795	Waste that was newly generated in FY96 that became covered waste in FY97	1.23	4.0

			FY97 Changes in Covered Waste				
CPV Sec.	MWIR Waste ID and Treatability Group/Category	3/96 Annual Update Volume (m^3)	Revision 5 (Other Changes) (m^3)	Revision 6 (3/98 FY97 Annual Update Changes)[b] (m^3)	Comments	3/98 Annual Update Volume (m^3)	Projection FY98-FY02 (m^3)
3.3	LA-W924 Lead Wastes - TBD	40.16				40.16	0.0
3.3	LA-W925 Mercury Wastes - TBD	19.82		Increased 0.67	Waste that was newly generated in FY96 that became covered waste in FY97	20.49	3.4
3.3	LA-W926 Compressed Gases – TBD	1.25				1.25	0.0
3.3	LA-W927 Biochemical Laboratory Wastes	1.34				1.34	0.0
3.3	LA-W928 Dewatered Treatment Sludge	268.17		Decreased 255.46	Approved by NMED 9/18/97 as Rev. 2.0 to the STP	12.71	0.0
3.4.1	LA-W930 Lead for Surface Decontamination	65.31	~~Decreased 8.34~~[g m]	Increased 12.06 Decreased 0.32 Decreased 0.97 Decreased 1.04 Decreased 5.66	Waste that was newly generated in FY96 that became covered waste in FY97 Shipped for decontamination and recycle at on-site facility in F Y97 Shipped for decontamination and recycle at on-site facility in F Y97 Shipped for decontamination and recycle at on-site facility in F Y97 Shipped for decontamination and recycle at on-site facility in F Y97	69.38	60.3
3.4.2	LA-W929 Nonradioactive or Suspect Waste Items to be Surveyed	14.24	~~Decreased 0.26~~[h m]	Decreased 0.0076	Shipped for off-site treatment at commercial facility during FY97	14.23	0.0
None[i]	LA-W931 Lead Requiring Sorting	5.20		Increased 0.64 Decreased 4.78	Waste that was newly generated in FY96 that became covered waste in FY97 Shipped for off-site treatment at commercial facility during FY97	1.06	3.2

			FY97 Changes in Covered Waste				
CPV Sec.	MWIR Waste ID and Treatability Group/Category	3/96 Annual Update Volume (m^3)	Revision 5 (Other Changes) (m^3)	Revision 6 (3/98 FY97 Annual Update Changes)[b] (m^3)	Comments	3/98 Annual Update Volume (m^3)	Projection FY98-FY02 (m^3)
				Increased 0.02	Correction to Original STP Inventory as discussed in Revision 6.0		
None[j]	LA-W932 Explosives	0.00				0.00	0.0
None[j]	LA-W933 Lab Packs	0.13		Increased 0.003	Waste that was newly generated in FY96 that became covered waste in FY97	0.13	0.02
None	IPA Waste	0.00		Increased 0.0005[k] Decreased 0.0005[k]	Omitted from original STP inventory as discussed in Rev. 6.0 Shipped for off-site treatment at commercial facility during FY97	0.00	0.0
None[l]	Missing/ nonexistent/ TBV category	0.00	~~Increased 0.2082[e] 0.1047[m n]~~ ~~Increased 0.26[m]~~ ~~Increased 8.34[m]~~			0.00	Not Applicable

NOTES TO TABLE

[a] The covered waste volumes reported in Appendix B of the proposed Revision 6.0 include the volume changes in Revisions 4.0 and 5.0, approved by NMED in FY98 (December 29, 1997). Therefore, the volume changes in Revision 4.0 and 5.0 are not reflected in the FY97 STP *Annual Update* and are not included in this table. Because of this, the volumes in this table cannot be compared to the volumes reported in Appendix B. Also refer to *Note to Reader* in Section 2.1.1.

[b] These changes are the additional changes in FY 97 that were not previously reported in Rev. 5.0.

[c] One item from treatability group LA-W901 (*IPA wastes)* transferred to LA-W906 (*Aqueous Organic Liquids*) treatability group in Rev. 5.0 (also see footnote m).

[d] The final FY96 volume for most treatability groups is reported to two decimal places for consistency with the original STP inventory. The final FY96 LA-W902 volume is given as $0.0038m^3$ (i.e., reported to four decimal places) in order to accurately report the presence of one small-volume waste item in this treatability group remaining in the LANL inventory at the end of FY96. This item was shipped off-site on December 18, 1996.

[e] Items of LA-W904 waste transferred to the category of *Missing/Nonexistent/TBV* in Rev. 5.0 (also see footnotes m and n).

[f] These are wastes that were generated in FY96 and became covered waste in FY97; they were included in the Revision 5 request to facilitate expedited treatment and disposal of these wastes.

[g] Items of LA-W930 waste transferred to the category of *Missing/Nonexistent/TBV* in Rev. 5.0 (also see footnote m).

[h] Items of LA-W929 waste transferred to the category of *Missing/Nonexistent/TBV* in Rev. 5.0 (also see footnote m).

[i] This treatability group (LA-W931, *Lead Requiring Sorting*) is not listed in the *Compliance Plan Volume*; however, it is discussed in section 3.4.3 of the *Background Volume*.

Appendix C

Reported STP MLLW Inventories FY98

(Through Revision 7.0)

TABLE B-1. SUMMARY TABLE

STP/CPV MLLW INVENTORY CHANGES FOR REVISION 7.0

			Net Covered Waste Inventory by Subgroup (reported in Rev. 4/5)		Revision 6 (3/98 FY97 Annual Update Changes)		Revision 6 (Other Changes)		Revision 7		Subtotal (by subgroup)		Net Covered Waste Inventory (including Rev. 7 changes)	
CPV Section	Treatability Group	MWIR ID (by subgroup)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)
3.1.1	IPA Wastes	LA-W901-0	7	0.02	Decrease 7	Decrease 0.02					0	0.00	0	0.00
3.1.1	Scintillation Fluids	LA-W902-0	1	0.0038	Decrease 1	Decrease 0.0038					0	0.00	0	0.00
3.1.2	Lead Blankets	LA-W903-0	0	0.00							0	0.00	0	0.00
3.1.2	Soil with Heavy Metals	LA-W904-0	58	~~10.33~~ 10.43[a]	Decrease 6 Decrease 2 Decrease 46 Decrease 2	Decrease 0.62[b] Decrease 0.42[c] Decrease 8.91 Decrease 0.14					2	0.34		
		LA-W904-5	1	0.11							1	0.11	3	0.45
3.1.2	ER Soils	LA-W905-0	0	0.00							0	0.00	0	0.00
3.1.3	Aqueous Organic Liquids	LA-W906-0	45	1.65							45	1.65		
		LA-W906-4	27	0.36							27	0.36		
		LA-W906-5	101	~~8.88~~ 8.31[d]							101	8.31		
		LA-W906-6	0	0.00	Increase 88	Increase 5.74					88	5.74	261	16.06
3.1.4	Organic-Contaminated Combustible Solids	LA-W911-0	305	28.10	Increase 2	Increase 0.42[c]					307	28.52	382	36.07

TABLE B-1. SUMMARY TABLE

STP/CPV MLLW INVENTORY CHANGES FOR REVISION 7.0

			Net Covered Waste Inventory by Subgroup (reported in Rev. 4/5)		Revision 6 (3/98 FY97 Annual Update Changes)		Revision 6 (Other Changes)		Revision 7		Subtotal (by subgroup)		Net Covered Waste Inventory (including Rev. 7 changes)	
CPV Section	Treatability Group	MWIR ID (by subgroup)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)
		LA-W911-4	33	0.68							33	0.68		
		LA-W911-5	40	6.87							40	6.87		
		LA-W911-6	0	0.00	Increase 1	Increase 0.0038					1	0.0038		
		LA-W911-7	0	0.00					Increase 1	Increase 0.001	1	0.001		
3.1.4	Organic-Contaminated Noncombus-tible Solids	LA-W919-0	79	7.71	Increase 1	Increase 0.11[e]					80	7.82	~~227~~ 231	
		LA-W919-4	9	0.38							9	0.38	~~23112~~	
		LA-W919-5	89	10.53							89	10.53		27.31
		LA-W919-6	0	0.00	Increase 49	Increase 8.58					49	8.58		
		LA-W919-7	0	0.00					Increase 4	Increase 0.002	4	0.002		
3.1.5	Combustible Debris	LA-W912-0	83	13.82							83	13.82		
		LA-W912-4	9	0.75							9	0.75		
		LA-W912-5	5	0.28							5	0.28		
		LA-W912-6	0	0.00	Increase 6	Increase 0.32					6	0.32		
		LA-W912-7	0	0.00					Increase 2	Increase 0.0004	2	0.0004	~~103~~ 105	15.17
3.1.5	Activated or Inseparable Lead	LA-W921-0	14	4.77	Decrease 1 Decrease 2	Decrease 0.06[f] Decrease 1.72			Increase 1	Increase 0.208	~~11~~ 12	~~2.99~~ 3.20		
		LA-W921-5	18	3.35	Decrease	Decrease					14	2.52		

TABLE B-1. SUMMARY TABLE

STP/CPV MLLW INVENTORY CHANGES FOR REVISION 7.0

			Net Covered Waste Inventory by Subgroup (reported in Rev. 4/5)		Revision 6 (3/98 FY97 Annual Update Changes)		Revision 6 (Other Changes)		Revision 7		Subtotal (by subgroup)		Net Covered Waste Inventory (including Rev. 7 changes)	
CPV Section	Treatability Group	MWIR ID (by subgroup)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)
					4	0.83[1]								
		LA-W921-6	0	0.00	Increase 9	Increase 1.58					9	1.58	~~34~~ 35	~~7.09~~ 7.30
3.15	Non-combustible Debris	LA-W922-0	41	5.62	Decrease 14	Decrease 2.915					27	2.71		
		LA-W922-4	53	2.83							53	2.83		
		LA-W922-5	63	22.29	Decrease 3	Decrease 0.62					60	21.67		
		LA-W922-6	0	0.00	Increase 51	Increase 9.25					51	9.25	191	36.46
3.1.6	Aqueous Wastes with Heavy Metals	LA-W913-0	83	1.50							83	1.50		
		LA-W913-4	25	0.40							25	0.40		
		LA-W913-5	11	0.15							11	0.15		
		LA-W913-6	0	0.00	Increase 20	Increase 1.02					20	1.02	139	3.07
3.1.6	Corrosive Solutions	LA-W914-0	60	0.69							60	0.69		
		LA-W914-4	90	0.36							90	0.36		
		LA-W914-5	39	0.12							39	0.12		
		LA-W914-6	0	0.00	Increase 8	Increase 0.04					8	0.04	197	1.21
3.1.6	Aqueous Cyanides, Nitrates, Chromates, and Arsenates	LA-W915-0	9	0.13							9	0.13		
		LA-W915-4	3	0.002							3	0.002		
		LA-W915-5	11	0.04							11	0.04	23	0.17
3.1.7	Water-Reactive Wastes	LA-W916-0	78	6.03							78	6.03		
		LA-W916-4	26	0.31							26	0.31		
		LA-W916-5	4	0.03							4	0.03		
		LA-W916-6	0	0.00	Increase 5	Increase 0.68					5	0.68	113	7.05
3.1.8		LA-W917-0	13	0.35							13	0.35		

TABLE B-1. SUMMARY TABLE

STP/CPV MLLW INVENTORY CHANGES FOR REVISION 7.0

			Net Covered Waste Inventory by Subgroup (reported in Rev. 4/5)		Revision 6 (3/98 FY97 Annual Update Changes)		Revision 6 (Other Changes)		Revision 7		Subtotal (by subgroup)		Net Covered Waste Inventory (including Rev. 7 changes)	
CPV Section	Treatability Group	MWIR ID (by subgroup)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)
	Compressed Gases Requiring Scrubbing	LA-W917-7	0	0.00					Increase 12	Increase 0.28	12	0.28	~~13~~ 25	~~0.35~~ 0.63
3.1.9	Compressed Gases Requiring Oxidation	LA-W918-0	6	0.08							6	0.08		
		LA-W918-4	168	1.23							168	1.23		
		LA-W918-5	2	0.01							2	0.01		
		LA-W918-6	0	0.00	Increase 1	Increase 0.0002					1	0.0002		
		LA-W918-7	0	0.00					Increase 15	Increase 0.46	15	0.46	~~177~~ 192	~~1.32~~ 1.78
3.1.10	Elemental Mercury	LA-W920-0	45	0.50							45	0.50		
		LA-W920-4	20	0.02							20	0.02		
		LA-W920-5	9	0.02							9	0.02		
		LA-W920-6	0	0.00	Increase 5	Increase 0.12					5	0.12	79	0.66
~~3.2.1~~ 3.1.11	Halogenated Organic Liquids	LA-W907-0	384	16.58	Decrease 3	Decrease 0.0076					381	16.57		
		LA-W907-4	97	1.05							97	1.05		
		LA-W907-5	31	0.49							31	0.49		
		LA-W907-6	0	0.00	Increase 16	Increase 0.15					16	0.15		
		LA-W907-7	0	0.00					Increase 12	Increase 0.04	12	0.04	~~525~~ 537	~~18.26~~ 18.30
~~3.2.1~~ 3.1.11	Nonhalogenated Organic Liquids	LA-W908-0	275	14.34	Increase 0[g]	Increase 0.076					271	13.82		

TABLE B-1. SUMMARY TABLE

STP/CPV MLLW INVENTORY CHANGES FOR REVISION 7.0

			Net Covered Waste Inventory by Subgroup (reported in Rev. 4/5)		Revision 6 (3/98 FY97 Annual Update Changes)		Revision 6 (Other Changes)		Revision 7		Subtotal (by subgroup)		Net Covered Waste Inventory (including Rev. 7 changes)	
CPV Section	Treatability Group	MWIR ID (by subgroup)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)
					Decrease 4 Decrease 0[h]	Decrease 0.49 Decrease 0.11								
		LA-W908-4	409	3.38							409	3.38		
		LA-W908-5	130	2.91							130	2.91		
		LA-W908-6	0	0.00	Increase 33	Increase 0.09					33	0.09		
		LA-W908-7							Increase 56	Increase 0.02	56	0.02	~~843~~ 899	~~20.20~~ 20.22
~~3.2.1~~ 3.1.11	Bulk Oils	LA-W909-0	28	3.75	Increase 0[i] Decrease 23	Increase 0.47 Decrease 2.22					5	2.00		
		LA-W909-4	8	1.48							8	1.48		
		LA-W909-5	28	2.28							28	2.28		
		LA-W909-6	0	0.00	Increase 4	Increase 0.05					4	0.05	45	5.81
~~3.2.1~~ 3.1.11	PCB Wastes with RCRA Components	LA-W910-0	4	0.74	Increase 6	Increase 0.62[b]					10	1.36		
		LA-W910-6	0	0.00	Increase 30	Increase 1.39					30	1.39	40	2.75
~~3.2.1~~ 3.1.11	Liquid and Solid Oxidizers	LA-W923-0	6	0.117							6	0.117		
		LA-W923-4	67	0.145							67	0.145		
		LA-W923-5	13	0.317							13	0.317		
		LA-W923-6	0	0.00	Increase 7	Increase 0.795					7	0.795	93	1.37
~~3.3~~ 3.2	Lead Waste - TBD	LA-W924-0	129	40.16							129	40.16	129	40.16
~~3.3~~	Mercury	LA-W925-0	63	18.30							63	18.30		

TABLE B-1. SUMMARY TABLE

STP/CPV MLLW INVENTORY CHANGES FOR REVISION 7.0

			Net Covered Waste Inventory by Subgroup (reported in Rev. 4/5)		Revision 6 (3/98 FY97 Annual Update Changes)		Revision 6 (Other Changes)		Revision 7		Subtotal (by subgroup)		Net Covered Waste Inventory (including Rev. 7 changes)	
CPV Section	Treatability Group	MWIR ID (by subgroup)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)
3.2	Wastes - TBD	LA-W925-4	37	0.42							37	0.42		
		LA-W925-5	14	1.52							14	1.52		
		LA-W925-6	0	0.00	Increase 23	Increase 0.67					23	0.67	137	20.91
~~3.3~~ 3.2	Compressed Gases - TBD	LA-W926-0	10	1.25							10	1.25	10	1.25
~~3.3~~ 3.2	Biochemical Laboratory Wastes	LA-W927-0	9	1.34							9	1.34	9	1.34
~~3.3~~ 3.2	Dewatered Treatment Sludge	LA-W928-0	61	12.71							61	12.71	61	12.71
~~3.3~~ 3.2	Explosives	LA-W932-0	0	0.00							0	0.00		
		LA-W932-4	1	0.000001							1	0.000001	1	0.000001
~~3.3~~ 3.2	Lab Packs	LA-W933-0	0	0.00							0	0.00		
		LA-W933-4	114	0.17							114	0.17		
		LA-W933-5	28	0.13							28	0.13		
		LA-W933-6	0	0.00	Increase 6	Increase 0.003	Increase 1	Increase 0.00002[j]			7	0.003		
		LA-W933-7	0	0.00					Increase 4	Increase 0.002	4	0.002	~~149~~ 153	0.30
~~3.4.1~~ 3.3.1	Lead for Surface Decontamin-ation	LA-W930-0	36	33.43	Decrease 1 Decrease 4 Decrease 6 Decrease 2	Decrease 0.11[k] Decrease 0.35[k] Decrease 1.04 Decrease 5.66			Increase 0[o] Decrease 1	Increase 0.095 De-crease 0.208	~~23~~ 22	~~26.27~~ 26.16		

TABLE B-1. SUMMARY TABLE

STP/CPV MLLW INVENTORY CHANGES FOR REVISION 7.0

			Net Covered Waste Inventory by Subgroup (reported in Rev. 4/5)		Revision 6 (3/98 FY97 Annual Update Changes)		Revision 6 (Other Changes)		Revision 7		Subtotal (by subgroup)		Net Covered Waste Inventory (including Rev. 7 changes)	
CPV Section	Treatability Group	MWIR ID (by subgroup)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)
		LA-W930-5	115	23.75	Decrease 1 Decrease 3	Decrease 0.21[k] Decrease 0.62[k]					111	22.92		
		LA-W930-6	0	0.00	Increase 14	Increase 12.06					14	12.06	~~148~~ 147	~~61.25~~ 61.14
~~3.4.2~~ 3.3.2	Nonradioac-tive or Suspect Waste Items to be Surveyed	LA-W929-0	2	0.0076	Decrease 2	Decrease 0.0076					0	0.00		
		LA-W929-5	1	0.00002			Decrease 1	Decrease 0.00002[j]			0	0.00	0	0.00
~~None~~[l] 3.3.3	Lead Requiring Sorting	LA-W931-0	23	4.76	Decrease 23 Increase 0[m]	Decrease 4.78 Increase 0.02					0	0.00		
		LA-W931-5	8	0.44							8	0.44		
		LA-W931-6	0	0.00	Increase 4	Increase 0.64					4	0.64	12	1.08
None[n]	IPA	None	0	0.00	Increase 1 Decrease 1	Increase 0.0005[n] Decrease 0.0005[n]					0	0.00	0	0.00

CPV Section	Category	MWIR ID (by subgroup)	Net Covered Waste Inventory by Subgroup (reported in Rev. 4/5)		Revision 6 (3/98 FY97 Annual Update Changes)		Revision 6 (Other Changes)		Revision 7		Subtotal (by subgroup)		Net Covered Waste Inventory (including Rev. 6 changes)	
			Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)	Items	Volume (m^3)
~~3.5~~ 3.4	Missing/ nonexistent/ TBV	NONE (Revision 5)	48	8.81					0	Decrease0 .00095[p]	48	8.81	48	8.81

NOTES:

[a] This correction in LA-W904 volume arises from an error in the Appendix B in Revision 4/5 as discussed in Revision 6.0.

[b] This transfer of LA-W904 waste to LA-W910 was approved by NMED on September 18, 1997 as discussed in Revision 6.0

[c] This transfer of LA-W904 waste to LA-W911 was approved by NMED on September 18, 1997 as discussed in Revision 6.0

[d] This correction in LA-W906 volume arises from an error in the Appendix B in Revision 4/5 as discussed in Revision 6.0.

[e] The volume increase arises from the return of unused treatability study sample. It has been returned to the original inventory of LA-W919 (subgroup -0) consistent with the inventory

subgroup from which the sample was removed.

[f] These 5 items in subgroups LA-W921-0 and -5 (0.89 m^3 total) were shipped on December 9, 1996 as discussed in DOE□s letter dated December 24, 1996.

[g] This increase in LA-W908 volume arises from an error in the original STP inventory data as discussed in Revision 6.0.

[h] This decrease in LA-W908 volume arises from an error in the original STP inventory data as discussed in Revision 6.0.

[i] This correction in LA-W909 volume arises from an error in Appendix B in Revision 4/5 as discussed in Revision 6.0.

[j] This transfer of LA-W929 waste to LA-W933 is discussed in Revision 6.0.

[k] The shipment of 0.32 m^3, as reported in the FY97 STP *Annual Update*, consisted of 1 item (0.11 m^3) from subgroup LA-W930-0 and 1 item (0.21 m^3) from subgroup -5. The shipment of 0.97 m^3, as reported in the FY97 STP *Annual Update*, consisted of 4 items (0.35 m^3) from subgroup -0 and 3 items (0.62 m^3) from subgroup -5.

[l] ~~This treatability group (LA-W931, *Lead Requiring Sorting*) is not listed in the CPV; however it is discussed in section 3.4.3 of the *Background Volume*.~~

[m] This increase in LA-W931 volume arises from an error in the original STP inventory data as discussed in Revision 6.0.

[n] This item of isopropyl alcohol waste was not included in the original STP inventory and it was shipped for treatment as discussed in DOE□s letter dated January 9, 1997.

[o] The increase in volume without increasing the number of items reults from an error in the original STP inventory data as discussed in Revision 7.0.

[p] Item found as discussed in Revision 7.0.

Appendix D

Reported STP MLLW Inventories FY98

(Through Revision 9.0)

Table 2.1-2. FY98 MLLW Inventory Detailed Update by Treatability Group.

CPV Sec.	MWIR Waste ID and Treatability Group/ Category	3/98 Annual Update (m^3)	Revision 7.0 (m^3)	Proposed Revision 9.0 (m^3)	Comments	FY98 Annual Update (m^3)	Projection FY99-FY03 (m^3)
3.1.1	LA-W901 IPA Wastes	0.00	0.00			0.00	0.00
3.1.1	LA-W902 Scintillation Fluids	0.00	0.00			0.00	0.00
3.1.2	LA-W903 Lead Blankets	0.00	0.00			0.00	0.00
3.1.2	LA-W904 Soil with Heavy Metals	0.55*	0.45			0.45	0.00
3.1.2	LA-W905 ER Soils	0.00	0.00			0.00	0.00
3.1.3	LA-W906 Aqueous Organic Liquids	15.70	16.06	(2.91) (3.92) 0.02 0.001	Shipped off-site for treatment Shipped off-site for treatment Newly generated Administrative adjustments	9.25	0.00
3.1.4	LA-W911 Organic-Contaminated Combustible Solids	35.39	36.07	(3.54) (0.0001) 0.64 0.12	Shipped off-site for treatment Shipped off-site for treatment Newly generated Administrative adjustments	33.29	0.00
3.1.4	LA-W919 Organic-Contaminated Noncombustible Solids	26.93	27.31	(6.45) 1.59	Shipped off-site for treatment Newly generated	22.45	0.00
3.1.5	LA-W912 Combustible Debris	14.42	15.17	(0.00005)	Shipped off-site for treatment	15.17	0.00
3.1.5	LA-W921 Activated or Inseparable Lead	7.10	7.30	(0.21)** (0.32) 0.11	On-site Lead Decon Transferred to LA-W910 Administrative adjustments	6.88	0.00
3.1.5	LA-W922 Noncombustible Debris	33.63	36.46	(2.02) (0.008) 5.40 0.63	Treatability Study Treatability Study Newly generated Administrative adjustments	40.46	0.00
3.1.6	LA-W913 Aqueous Wastes with Heavy Metals	2.67	3.07	(0.004) 1.33	Shipped off-site for treatment Newly generated	4.40	0.00
3.1.6	LA-W914 Corrosive Solutions	0.85	1.21	(0.00003) 0.01 0.006	Treatability Study Newly generated Administrative adjustments	1.23	0.00
3.1.6	LA-W915 Aqueous Cyanides, Nitrates, Chromates, and Arsenates	0.17	0.17	(0.14) 0.91	Treatability Study Newly generated	0.94	0.00
3.1.7	LA-W916 Water-Reactive Wastes	6.74	7.05	(5.70) (0.22) 0.05 0.42 (0.11)	Shipped off-site for treatment Shipped off-site for treatment Newly generated Administrative adjustments Transferred to LA-W908	1.49	0.00
3.1.8	LA-W917 Compressed Gases Requiring Scrubbing	0.35	0.63	(0.28)	Treatability Study	0.35	0.00
3.1.9	LA-W918 Compressed Gases Requiring Oxidation	0.09	1.78	(0.05) 0.006	Treatability Study Administrative adjustments	1.74	0.00
3.1.10	LA-W920 Elemental Mercury	0.64	0.66	(0.02) 0.002	Treatability Study Newly generated	0.64	0.00
3.1.11	LA-W907 Halogenated Organic Liquids	17.21	18.30	(4.97) (6.94) 0.02 0.21	Shipped off-site for treatment Shipped off-site for treatment Newly generated Administrative adjustments	6.62	0.00
3.1.11	LA-W908 Nonhalogenated Organic Liquids	16.82	20.22	(1.87) (1.65) (0.71) (0.001)	Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment Treatability Study	16.56	0.00

CPV Sec.	MWIR Waste ID and Treatability Group Category	3/98 Annual Update (m^3)	Revision 7.0 (m^3)	Proposed Revision 9.0 (m^3)	Comments	FY98 Annual Update (m^3)	Projection FY99-FY03 (m^3)
				0.41 0.06 (0.01) 0.11	Newly generated Administrative adjustments Transferred to missing Transferred from LA-W916		
3.1.11	LA-W909 Bulk Oils	4.33	5.81	(1.08) 0.42	Shipped off-site for treatment Newly generated	5.15	0.00
3.1.11	LA-W910 PCB Wastes with RCRA Components	2.75	2.75	0.10 0.32 0.02	Newly generated Transferred from LA-W921 Transferred from LA-W924	3.19	20.00
3.1.11	LA-W923 Liquid and Solid Oxidizers	1.23	1.37	(0.001)	Shipped off-site for treatment	1.37	0.00
3.2	LA-W924 Lead Wastes - TBD	40.16	40.16	(2.5) (10.54) (5.52) (0.003) (2.82) 0.10 (0.02)	Shipped off-site for treatment Shipped off-site for treatment Off-site Recycle On-site Decon Transferred to missing Administrative adjustments Transferred to LA-W910	18.86	0.00
3.2	LA-W925 Mercury Wastes - TBD	20.49	20.91	(14.49)	Shipped off-site for treatment	6.42	0.00
3.2	LA-W926 Compressed Gases – TBD	1.25	1.25	(1.06)	Treatability Study	0.19	0.00
3.2	LA-W927 Biochemical Laboratory Wastes	1.34	1.34			1.34	0.00
3.2	LA-W928 Dewatered Treatment Sludge	12.71	12.71			12.71	0.00
3.2	LA-W932 Explosives	0.00	0.000001			0.000001	0.00
3.2	LA-W933 Lab Packs	0.13	0.30	(0.001) 0.009	Treatability Study Administrative adjustment	0.31	0.00
3.3.1	LA-W930 Lead for Surface Decontamination	69.38	61.14	(4.99) (6.66) (0.68) (0.09) (2.08) (4.58) (4.25)	Off-site Recycle Off-site Recycle On-site Decon On-site Decon On-site Decon On-site Decon On-site Decon	37.81	0.00
3.3.3	LA-W931 Lead Requiring Sorting	1.06	1.08			1.08	0.00
3.4	Missing/ nonexistent/ TBV category	0.00	8.81	0.01 2.82	Transferred from LA-W908 Transferred from LA-W924	11.64	Not Applicable

*Volume was reported incorrectly as 0.00 cubic meters in FY97 Annual Update.

**Item was successfully decontaminated on 8/23/95 in the on-site decontamination operation, but was not previously reported.

Appendix E

Reported STP MLLW Inventories

(1) FY99 Update

(2) Revision 10.0 Final

(1) FY99 MLLW Inventory Detailed Update by Treatability Group.

CPV Sec.	MWIR Waste ID and Treatability Group/ Category	FY98 Annual Update (m^3)	Proposed Revision 1.0.0 (m^3)	Comments	FY99 Annual Update (m^3)	Projection FY99-FY03 (m^3)
3.1.1	LA-W901 IPA Wastes	0.00			0.00	0.00
3.1.1	LA-W902 Scintillation Fluids	0.00			0.00	0.00
3.1.2	LA-W903 Lead Blankets	0.00			0.00	0.00
3.1.2	LA-W904 Soil with Heavy Metals	0.45	(0.45) 0.68	Shipped off-site for treatment Newly generated	0.68	0.00
3.1.2	LA-W905 ER Soils	0.00			0.00	0.00
3.1.3	LA-W906 Aqueous Organic Liquids	9.25	(0.01) (1.09) (0.15) (2.18) (2.74) (0.95) (0.01) (0.0005) 0.34	Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment SSD Project SSD Project Newly generated	2.46	1.00
3.1.4	LA-W911 Organic-Contaminated Combustible Solids	33.29	(0.75) (0.004) (0.01) (0.001) (0.006) 0.75	Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment SSD Project SSD Project Newly generated	33.27	3.20
3.1.4	LA-W919 Organic-Contaminated Noncombustible Solids	22.45	(2.44) (0.95) (0.42) 4.92	Shipped off-site for treatment Shipped off-site for treatment SSD Project Newly generated	23.56	7.95
3.1.5	LA-W912 Combustible Debris	15.17	(0.003) 0.11 (0.11)	SSD Project Newly generated Transfer to LA-W916	15.17	0.00
3.1.5	LA-W921 Activated or Inseparable Lead	6.88	(0.63) (0.23) (0.23) (2.6) 0.63	Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for recycling Newly generated	3.82	0.00
3.1.5	LA-W922 Noncombustible Debris	40.46	(5.49) (4.79) (0.64) (0.11) (1.21) (1.003) (3.45) (2.75) (3.05) (0.0009) (0.21) (0.009) 2.25	Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for recycling SSD Project Transfer to Missing Transfer to LA-W917 Newly generated	20.00	27.00
3.1.6	LA-W913 Aqueous Wastes with Heavy Metals	4.40	(0.14) 0.98	SSD Project Newly generated	5.24	6.65
3.1.6	LA-W914 Corrosive Solutions	1.23	(0.008) (0.006) 0.03	SSD Project SSD Project Newly generated	1.25	0.05
3.1.6	LA-W915 Aqueous Cyanides,	0.94	0.0007	Newly generated	0.94	4.55

CPV Sec.	MWIR Waste ID and Treatability Group/ Category	FY98 Annual Update (m^3)	Proposed Revision 10.0 (m^3)	Comments	FY99 Annual Update (m^3)	Projection FY99-FY03 (m^3)
	Nitrates, Chromates, and Arsenates					
3.1.7	LA-W916 Water-Reactive Wastes	1.49	(0.0004) 0.52 0.11	SSD Project Newly generated Transferred from LA-W912	2.12	0.25
3.1.8	LA-W917 Compressed Gases Requiring Scrubbing	0.35	(0.07) 0.009 0.01	Treatability study Transferred from LA-W922 Newly generated	0.30	0.00
3.1.9	LA-W918 Compressed Gases Requiring Oxidation	1.74	(0.03) (0.02) (0.005) 0.04	Treatability study SSD Project SSD Project Newly generated	1.73	0.00
3.1.10	LA-W920 Elemental Mercury	0.64	0.006 0.0000	Newly generated Transfer to Missing	0.65	0.01
3.1.11	LA-W907 Halogenated Organic Liquids	6.62	(3.21) (0.004) (0.72) (0.25) (0.99) (0.0005) 0.007	Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment SSD Project SSD Project Newly generated	1.45	0.1
3.1.11	LA-W908 Nonhalogenated Organic Liquids	16.56	(4.89) (0.56) (1.94) (0.99) (0.0005) (0.49) (0.5) (0.06) 0.49	Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for treatment SSD Project SSD Project Newly generated	7.62	2.05
3.1.11	LA-W909 Bulk Oils	5.15	(0.001) (0.83) 0.84	Shipped off-site for treatment SSD Project Newly generated	5.16	2.1
3.1.11	LA-W910 PCB Wastes with F Components	3.19	0.0003	Newly generated	3.19	0.5
3.1.11	LA-W923 Liquid and Solid Oxidizers	1.37	(0.007) 0.01	SSD Project Newly generated	1.37	0.00
3.2	LA-W924 Lead Wastes – TBD	18.86	(0.62) (0.34)	Shipped off-site for treatment Shipped off-site for recycling	17.90	0.00
3.2	LA-W925 Mercury Wastes – TBD	6.42 2.61*	(0.007) (0.23) (0.003) 0.01 0.001	Treatability study Treatability study SSD Project Newly generated Transfer to Missing	6.19 2.61	1.4
3.2	LA-W926 Compressed Gases – TBD	0.19			0.19	0.00
3.2	LA-W927 Biochemical Laboratory Wastes	1.34	(1.34)	Shipped off-site for treatment	0.00	0.00
3.2	LA-W928 Dewatered Treatment Sludge	12.71	(4.16)	Shipped off-site for treatment	8.55	0.00
3.2	LA-W932 Explosives	0.000001	0.000001	On-site Recycle	0.00	0.00
3.2	LA-W933 Lab Packs	0.31	(0.03)	SSD Project	0.28	0.00

CPV Sec	MWIR Waste ID and Treatability Group/ Category	FY98 Annual Update (m^3)	Proposed Revision 10.0 (m^3)	Comments	FY99 Annual Update (m^3)	Projection FY99-FY03 (m^3)
3.3.1	LA-W930 Lead for Surface Decontamination	37.81	(0.84) (1.74) (0.28) (3.23) (0.56) (10.76) (1.78) (2.29) (11.42) (0.66)	Shipped off-site for treatment Shipped off-site for treatment Shipped off-site for recycling Shipped off-site for recycling Shipped off-site for recycling Shipped off-site for recycling On-Site lead decon On-Site lead decon Approved for transfer to MTRU (Amendment 3.0) Administrative Adjustment	4.25	0.00
3.3.2	LA-W929 Nonradioactive or Suspect Waste Items to be Surveyed	0.00			0.00	0.00
3.3.3	LA-W931 Lead Requiring Sorting	1.08			1.08	0.00
3.4	Missing/ nonexistent/ TBV category	11.64	0.21 0.001 0.0000	Transferred from LA-W922 Transferred from LA-W925 Transferred from LA-W920	11.85	Not Applicable
	TOTALS	**261.99** **2.61***	**(81.74)**		**182.88**	

(2) Revision 10.0 Final

CPV Sec	MWIR Waste ID and Treatability Group/ Category	FY98 Annual Update (m^3)	Proposed Revision 10.0 (m^3)	FY99 Annual Update (m^3)	FINAL Revision 10.0 (m^3)	Totals after FINAL Rev 10
3.1.1	LA-W901 IPA Wastes	0.00		0.00		0.00
3.1.1	LA-W902 Scintillation Fluids	0.00		0.00		0.00
3.1.2	LA-W903 Lead Blankets	0.00		0.00		0.00
3.1.2	LA-W904 Soil with Heavy Metals	0.45	(0.45) 0.68	0.68		0.68
3.1.2	LA-W905 ER Soils	0.00		0.00		0.00
3.1.3	LA-W906 Aqueous Organic Liquids	9.25	(0.01) (1.09) (0.15) (2.18) (2.74) (0.95) (0.01)	2.46		2.46

CPV Sec.	MWIR Waste ID and Treatability Group/ Category	FY98 Annual Update (m^3)	Proposed Revision 10.0 (m^3)	FY99 Annual Update (m^3)	FINAL Revision 10.0 (m^3)	Totals after FINAL Rev 10
			(0.0005) 0.34			
3.1.4	LA-W911 Organic-Contaminated Combustible Solids	33.29	(0.75) (0.004) (0.01) (0.001) (0.006) 0.75	33.27	(0.2) 0.11 (0.11) 0.4	33.47
3.1.4	LA-W919 Organic-Contaminated Noncombustible Solids	22.45	(2.44) (0.95) (0.42) 4.92	23.56	0.08 (0.08)	23.56
3.1.5	LA-W912 Combustible Debris	15.17	(0.003) 0.11	15.28		15.28
3.1.5	LA-W921 Activated or Inseparable Lead	6.88	(0.63) (0.23) (0.23) (2.6) 0.63	3.82		3.82
3.1.5	LA-W922 Noncombustible Debris	40.46	(5.49) (4.79) (0.64) (0.11) (1.21) (1.003) (3.45) (2.75) (3.05) (0.0009) (0.21) (0.009) 2.25	20.00	(0.34) (0.00004) (0.001) (0.01) (0.11)	19.54
3.1.6	LA-W913 Aqueous Wastes with Heavy Metals	4.40	(0.14) 0.98	5.24		5.24
3.1.6	LA-W914 Corrosive Solutions	1.23	(0.008) (0.006)	1.25		1.25

GPV Sec.	MWIR Waste ID and Treatability Group/ Category	FY98 Annual Update (m^3)	Proposed Revision 10.0 (m^3)	FY99 Annual Update (m^3)	FINAL Revision 10.0 (m^3)	Totals after FINAL Rev 10
			0.03			
3.1.6	LA-W915 Aqueous Cyanides, Nitrates, Chromates, and Arsenates	0.94	0.0007	0.94	0.00004	0.94
3.1.7	LA-W916 Water-Reactive Wastes	1.49	(0.0004) 0.52	2.01	0.34	2.35
3.1.8	LA-W917 Compressed Gases Requiring Scrubbing	0.35	(0.07) 0.009 0.01	0.30		0.30
3.1.9	LA-W918 Compressed Gases Requiring Oxidation	1.74	(0.03) (0.02) (0.005) 0.04	1.73		1.73
3.1.10	LA-W920 Elemental Mercury	0.64	0.006	0.65		0.65
3.1.11	LA-W907 Halogenated Organic Liquids	6.62	(3.21) (0.004) (0.72) (0.25) (0.99) (0.0005) 0.007	1.45	0.59 (0.59) 0.02 (0.2)	1.45
3.1.11	LA-W908 Nonhalogenated Organic Liquids	16.56	(4.89) (0.56) (1.94) (0.99) (0.0005) (0.49) (0.5) (0.06) 0.49	7.62	0.11 (0.11)	7.62
3.1.11	LA-W909 Bulk Oils	5.15	(0.001) (0.83) 0.84	5.16	0.28 (0.28) 0.38	5.54
3.1.11	LA-W910 PCB Wastes with RCRA Components	3.19	0.0003	3.19		3.19

CPV Sec	MWIR Waste ID and Treatability Group/ Category	FY98 Annual Update (m^3)	Proposed Revision 10.0 (m^3)	FY99 Annual Update (m^3)	FINAL Revision 10.0 (m^3)	Totals after FINAL Rev 10
3.1.11	LA-W923 Liquid and Solid Oxidizers	1.37	(0.007) 0.01	1.37	(.05)	1.32
3.2	LA-W924 Lead Wastes – TBD	18.86	(0.62) (0.34)	17.90	(4.79)	13.11
3.2	LA-W925 Mercury Wastes – TBD	6.42 2.61*	(0.007) (0.23) (0.003) 0.01	6.19 2.61	0.01	6.19 2.62
3.2	LA-W926 Compressed Gases – TBD	0.19		0.19	(0.19)	0.00
3.2	LA-W927 Biochemical Laboratory Wastes	1.34	(1.34)	0.00		0.00
3.2	LA-W928 Dewatered Treatment Sludge	12.71	(4.16)	8.55		8.55
3.2	LA-W932 Explosives	0.000001	0.000001	0.00		0.00
3.2	LA-W933 Lab Packs	0.31	(0.03)	0.28	0.001 0.05	0.33
3.2	LA-W934 High Activity Waste				0.11 4.79 0.19 0.01	5.1
3.3.1	LA-W930 Lead for Surface Decontamination	37.81	(0.84) (1.74) (0.28) (3.23) (0.56) (10.76) (1.78) (2.29) (11.42) (0.66)	4.25		4.25
3.3.2	LA-W929 Nonradioactive or Suspect Waste Items to be Surveyed	0.00		0.00		0.00
3.3.3	LA-W931 Lead Requiring Sorting	1.08		1.08	(0.11)	0.97

CPV Sec.	MWIR Waste ID and Treatability Group/ Category	FY98 Annual Update (m^3)	Proposed Revision 10.0 (m^3)	FY99 Annual Update (m^3)	FINAL Revision 10.0 (m^3)	Totals after FINAL Rev 10
3.4	Missing/ nonexistent/ TBV category	11.64	0.21	11.85	0.2 0.11	12.16
	TOTALS	**261.99** **2.61***	**(81.74)**	**182.88**		**183.67**

*Omitted from FY98 Update by mistake.

Appendix F

Reported STP MLLW Inventories

FY00 Update

FY00 MLLW Inventory Detailed Update by Treatability Group

CPV Sec.	MWIR Waste ID and Treatability Group/ Category	FY99 Annual Update (m^3)	Proposed Revision 10.0 (m^3)	Proposed Revision 11.0 (m^3)	Comments	FY00 Annual Update (m^3)	Projection FY00-FY04 (m^3)
3.1.1	LA-W901 IPA Wastes	0.00	0.00				0.00
3.1.1	LA-W902 Scintillation Fluids	0.00	0.00				0.00
3.1.2	LA-W903 Lead Blankets	0.00	0.00				0.00
3.1.2	LA-W904 Soil with Heavy Metals	0.68	0.68			0.68	0.00
3.1.2	LA-W905 ER Soils	0.00	0.00				0.00
3.1.3	LA-W906 Aqueous Organic Liquids	2.46	2.46	(0.33) (0.02) (0.21) (0.42) (0.21) (0.59)	Shipped to DSSI 12/17/99 Shipped to DSSI 12/17/99 Shipped to WCS 1/25/00 Shipped to DSSI 3/28/00 Shipped to DSSI 6/27/00 Shipped to Perma-Fix 7/25/00	0.68	1.00
3.1.4	LA-W911 Organic-Contaminated Combustible Solids	33.27	33.47	(0.38) (0.21) (0.04) (0.62) (0.11) (2.08) 0.11 0.11	Shipped to Perma-Fix 2/25/00 Shipped to ATG 3/31/00 Shipped to DSSI 6/27/00 Shipped to Perma-Fix 7/25/00 Shipped to Perma-Fix 7/25/00 Shipped to ATG 7/26/00 Administrative Adjustment Newly Generated	30.25	0.00
3.1.4	LA-W919 Organic-Contaminated Noncombustible Solids	23.56	23.56	(0.00) (0.001) (0.08) 0.08	Shipped to DSSI 12/17/99 Shipped to DSSI 3/28/00 Shipped to ATG 5/31/00 Administrative Adjustment	23.56	0.00
3.1.5	LA-W912 Combustible Debris	15.17	15.28	(0.002) (13.49) (0.23) (1.34) (0.11) (0.11)	Shipped to DSSI 12/17/99 Shipped to ATG 3/31/00 Shipped to ATG 5/31/00 Shipped to Envirocare 6/27/00 Shipped to ATG 7/26/00 Administrative Adjustment	0.00	0.00
3.1.5	LA-W921 Activated or Inseparable Lead	3.82	3.82	(0.74) (0.63) (2.61) (0.0006) 0.16	Shipped to ATG 5/31/00 Shipped to Envirocare 6/27/00 Shipped to Envirocare 6/27/00 Shipped to ATG 7/26/00 Administrative Adjustment	0.00	0.00
3.1.5	LA-W922 Noncombustible Debris	20.00	19.54	(1.19) (2.03) (13.95) (0.22) (0.80) (0.70) (0.0002) (0.65)	Shipped to ATG 5/31/00 Shipped to Envirocare 6/27/00 Shipped to Envirocare 6/27/00 Shipped to ATG 7/26/00 Shipped to ATG 7/26/00 Shipped to GTS 8/1/00 Shipped to GTS 8/1/00 Administrative Adjustment	0.00	0.00
3.1.6	LA-W913 Aqueous Wastes with Heavy Metals	5.24	5.24	(0.0002) (0.005) (0.09) (0.83) (2.20) (0.37) (0.14)	Shipped to DSSI 12/17/99 Shipped to WCS 1/25/00 Shipped to DSSI 3/28/00 Shipped to DSSI 6/27/00 Shipped to DSSI 6/27/00 Shipped to Perma-Fix 9/14/00 Administrative Adjustment	1.60	0.00
3.1.6	LA-W914 Corrosive Solutions	1.25	1.25	(0.0004) (0.29) (0.00)	Shipped to WCS 1/25/00 Shipped to DSSI 3/28/00 Shipped to DSSI 3/28/00	0.62	0.00

CPV Sec.	MWIR Waste ID and Treatability Group/ Category	FY99 Annual Update (m^3)	Proposed Revision 10.0 (m^3)	Proposed Revision 11.0 (m^3)	Comments	FY00 Annual Update (m^3)	Projection FY00-FY04 (m^3)
				(0.11) (0.23) (0.002)	Shipped to DSSI 6/27/00 Shipped to Perma-Fix 9/14/00 Administrative Adjustment		
3.1.6	LA-W915 Aqueous Cyanides, Nitrates, Chromates, and Arsenates	0.94	0.94	(0.002) (0.48)	Shipped to Perma-Fix 9/14/00 Administrative Adjustment	0.46	0.00
3.1.7	LA-W916 Water-Reactive Wastes	2.12	2.35	(0.00) 0.11 0.0005	Shipped to ATG 7/26/00 Administrative Adjustment Newly Generated	2.44	0.00
3.1.8	LA-W917 Compressed Gases Requiring Scrubbing	0.30	0.30			0.30	0.00
3.1.9	LA-W918 Compressed Gases Requiring Oxidation	1.73	1.73			1.73	0.00
3.1.10	LA-W920 Elemental Mercury	0.65	0.65	(0.21) (0.002) (0.05)	Shipped to ATG 7/26/00 Shipped to BNL 9/25/00 Shipped to BNL 9/25/00	0.39	0.01
3.1.11	LA-W907 Halogenated Organic Liquids	6.62	1.45	(0.60) (0.08) (0.02) (0.0001) (0.02) 0.02 (0.02)	Shipped to DSSI 12/17/99 Shipped to Perma-Fix 2/25/00 Shipped to Perma-Fix 2/25/00 Shipped to DSSI 3/28/00 Shipped to DSSI 6/27/00 Administrative Adjustment Administrative Adjustment	0.73	0.1
3.1.11	LA-W908 Nonhalogenated Organic Liquids	16.56	7.62	(0.46) (0.005) (0.04) (0.34) (0.08) (0.11) (0.05) (0.12) (0.90) 0.11	Shipped to DSSI 12/17/99 Shipped to Perma-Fix 2/25/00 Shipped to Perma-Fix 2/25/00 Shipped to DSSI 3/28/00 Shipped to DSSI 6/27/00 Shipped to DSSI 6/27/00 Shipped to Perma-Fix 7/25/00 Shipped to Perma-Fix 7/25/00 Shipped to Perma-Fix 9/14/00 Administrative Adjustment	5.62	0.00
3.1.11	LA-W909 Bulk Oils	5.15	5.54	(1.11) (0.40) (0.25) (0.83) (0.62) 0.25 0.21	Shipped to DSSI 12/17/99 Shipped to DSSI 3/28/00 Shipped to DSSI 3/28/00 Shipped to DSSI 6/27/00 Shipped to DSSI 6/27/00 Administrative Adjustment Newly Generated	2.79	0.00
3.1.11	LA-W910 PCB Wastes with RCRA Components	3.19	3.19	(0.06) 0.02 0.81	Shipped to DSSI 3/28/00 Newly generated Administrative Adjustment	3.96	0.5
3.1.11	LA-W923 Liquid and Solid Oxidizers	1.37	1.32	(0.0007)	Shipped to Perma-Fix 9/14/00	1.32	0.00
3.2	LA-W924 Lead Wastes – TBD	18.86	13.11	(8.52) 0.66	Shipped to GTS 9/19/00 Newly Generated	5.25	0.00
3.2	LA-W925 Mercury Wastes – TBD	6.42 2.61*	6.19 2.62	(0.01) (2.61)	Shipped to BNL 9/25/00 Administrative Adjustment	6.19	1.4
3.2	LA-W926 Compressed Gases – TBD	0.19	0.00			0.00	0.00
3.2	LA-W927 Biochemical Laboratory Wastes	1.34	0.00			0.00	0.00
3.2	LA-W928 Dewatered Treatment	12.71	8.55	(8.55)	Proposed for Deletion	0.00	0.00

OPV Sec	MWIR Waste ID and Treatability Group/ Category	FY99 Annual Update (m^3)	Proposed Revision 10.0 (m^3)	Proposed Revision 11.0 (m^3)	Comments	FY00 Annual Update (m^3)	Projection FY00-FY04 (m^3)
	Sludge						
3.2	LA-W932 Explosives	0.000001	0.00	0.004	Newly Generated	0.004	0.00
3.2	LA-W933 Lab Packs	0.31	0.33	(0.001) (0.02) (0.0001) (0.003) (0.00001) 0.21 0.48	Shipped to DSSI 12/17/99 Shipped to ATG 3/31/00 Shipped to ATG 7/26/00 Shipped to Perma-Fix 9/14/00 Administrative Adjustment Newly Generated Administrative Adjustment	1.00	0.00
3.2	LA-W934 High Activity Waste	0.00	5.1			5.1	
3.3.1	LA-W930 Lead for Surface Decontamination	37.81	4.25	(4.25)	Shipped to TA-50 11/15/99	0.00	0.00
3.3.2	LA-W929 Nonradioactive or Suspect Waste Items to be Surveyed	0.00	0.00			0.00	0.00
3.3.3	LA-W931 Lead Requiring Sorting	1.08	0.97	(0.02)	Shipped to ATG 3/31/00	0.95	0.00
3.4	Missing/ nonexistent/ TBV category	11.85	12.16	(0.0002) (0.0005) (0.14)	Shipped to DSSI 3/28/00 Shipped to ATG 3/31/00 Shipped to Perma-Fix 9/14/00	12.02	N/A
	TOTALS	**182.88**	**183.67**	**(76.01)**		**107.66**	

Appendix G

Reported STP MLLW Inventories

FY01 Update

CPV Sec.	MWIR Waste ID and Treatability Group/ Category	FY00 Annual Update (m^3)	Proposed Revision 12.0 (m^3)	Comments	FY01 Annual Update (m^3)	Projection FY01-FY05 (m^3)
3.1.1	LA-W901 IPA Wastes	0.00				0.00
3.1.1	LA-W902 Scintillation Fluids	0.00				0.00
3.1.2	LA-W903 Lead Blankets	0.00				0.00
3.1.2	LA-W904 Soil with Heavy Metals	0.68	(0.68)	Shipped to WCS 6/25/01	0.00	0.00
3.1.2	LA-W905 ER Soils	0.00				0.00
3.1.3	LA-W906 Aqueous Organic Liquids	0.68			0.68	1.00
3.1.4	LA-W911 Organic-Contaminated Combustible Solids	30.25	(8.52) (2.66) (1.38) (3.65) (1.92) 5.01	Shipped to ATG 10/31/00 Shipped to ATG 2/12/01 Shipped to DSSI 3/1/01 Shipped to Perma-Fix 7/31/01 Shipped to Perma-Fix 9/27/01 Administrative Adjustment	17.13	0.00
3.1.4	LA-W919 Organic-Contaminated Noncombustible Solids	23.56	(2.72) (1.27) (6.05) (0.85)	Shipped to WCS 7/30/01 Shipped to Perma-Fix 9/12/01 Shipped to Perma-Fix 9/27/01 Administrative Adjustment	12.67	0.00
3.1.5	LA-W912 Combustible Debris	0.00			0.00	0.00
3.1.5	LA-W921 Activated or Inseparable Lead	0.00			0.00	0.00
3.1.5	LA-W922 Noncombustible Debris	0.00	(0.21) 0.21 1.31	Shipped to WCS 6/25/01 Administrative Adjustment Newly Generated	1.31	2.00
3.1.6	LA-W913 Aqueous Wastes with Heavy Metals	1.60	(0.002) (1.42) (0.18)	Shipped to Envirocare 4/14/01 Shipped to WCS 5/7/01 Administrative Adjustment	0.00	0.00
3.1.6	LA-W914 Corrosive Solutions	0.62	(0.38) (0.24)	Shipped to WCS 5/7/01 Administrative Adjustment	0.00	0.00
3.1.6	LA-W915 Aqueous Cyanides, Nitrates, Chromates, and Arsenates	0.46	(0.92) 0.46	Shipped to WCS 5/7/01 Administrative Adjustment	0.00	0.00
3.1.7	LA-W916 Water-Reactive Wastes	2.44	(0.00001) 0.25 0.0047	Shipped to WCS 5/7/01 Administrative Adjustment Newly Generated	2.69	0.01
3.1.8	LA-W917 Compressed Gases Requiring Scrubbing	0.30			0.30	0.00
3.1.9	LA-W918 Compressed Gases Requiring Oxidation	1.73	0.21	Administrative Adjustment	1.94	0.00
3.1.10	LA-W920 Elemental Mercury	0.39	0.05	Administrative Adjustment	0.44	0.01

CPV Sec.	MWIR Waste ID and Treatability Group/ Category	FY00 Annual Update (m^3)	Proposed Revision 12.0 (m^3)	Comments	FY01 Annual Update (m^3)	Projection FY01-FY05 (m^3)
3.1.11	LA-W907 Halogenated Organic Liquids	0.73	(0.55)	Administrative Adjustment	0.18	0.00
3.1.11	LA-W908 Nonhalogenated Organic Liquids	5.62	(0.19) (4.49)	Shipped to Perma-Fix 7/31/01 Administrative Adjustment	0.94	0.00
3.1.11	LA-W909 Bulk Oils	2.79	0.36 (1.07)	Newly Generated Administrative Adjustment	2.08	0.00
3.1.11	LA-W910 PCB Wastes with RCRA Components	3.96	1.85	Administrative Adjustment	5.81	2.0
3.1.11	LA-W923 Liquid and Solid Oxidizers	1.32	(0.08)	Administrative Adjustment	1.24	0.00
3.2	LA-W924 Lead Wastes – TBD	5.25	(3.06) (1.51)	Shipped to GTS 12/12/00 Shipped to Envirocare 12/12/00	0.68	0.00
3.2	LA-W925 Mercury Wastes – TBD	6.19	(2.70) 3.24 0.38	Shipped to GTS 7/27.01 Administrative Adjustment Newly Generated	7.11	1.5
3.2	LA-W926 Compressed Gases – TBD	0.00			0.00	0.00
3.2	LA-W927 Biochemical Laboratory Wastes	0.00			0.00	0.00
3.2	LA-W928 Dewatered Treatment Sludge	0.00			0.00	0.00
3.2	LA-W932 Explosives	0.004	0.0002	Administrative Adjustment	0.0042	0.00
3.2	LA-W933 Lab Packs	1.00	1.65 0.043	Administrative Adjustment Newly Generated	2.7	2.00
3.2	LA-W934 High Activity Waste	5.1	0.112	Administrative Adjustment	5.21	0.1
3.3.1	LA-W930 Lead for Surface Decontamination	0.00	0.00		0.00	0.00
3.3.2	LA-W929 Nonradioactive or Suspect Waste Items to be Surveyed	0.00	0.00		0.00	0.00
3.3.3	LA-W931 Lead Requiring Sorting	0.95	(0.83) (0.12)	Shipped to Envirocare 12/12/01 Administrative Adjustment	0.00	0.00
3.4	Missing/ nonexistent/ TBV category	12.02	0.01	Administrative Adjustment	12.03	N/A
	TOTALS	**107.64**	**(32.5)**		**75.14**	

Appendix H

Reported STP MLLW Inventories

FY02 Update

CPV Sec.	MWIR Waste ID and Treatability Group/ Category	FY01 Annual Update (m^3)	Proposed Revision 13.0 (m^3)	Comments	FY02 Annual Update (m^3)	Projection FY02-FY06 (m^3)
3.1.1	LA-W901 IPA Wastes	0.00				0.00
3.1.1	LA-W902 Scintillation Fluids	0.00				0.00
3.1.2	LA-W903 Lead Blankets	0.00				0.00
3.1.2	LA-W904 Soil with Heavy Metals	0.00			0.00	0.00
3.1.2	LA-W905 ER Soils	0.00				0.00
3.1.3	LA-W906 Aqueous Organic Liquids	0.68	(0.32) (0.95) 0.58	Shipped to Perma-Fix 6/18/02 Shipped to WCS 9/27/02 Administrative Adjustment	0.00	0.00
3.1.4	LA-W911 Organic-Contaminated Combustible Solids	17.13	(0.44) (0.22) (0.47) Rec (0.17) (4.94) (8.52) (0.91) (1.22) (0.11) (0.13)	Shipped to Perma-Fix 1/31/02 Shipped to Perma-Fix 1/31/02 Shipped to Duratek 1/30/02 Shipped to M&EC 2/14/02 Shipped to Perma-Fix 2/13/02 Shipped to Perma-Fix 2/13/02 Shipped to Perma-Fix 2/14/02 Shipped to Perma-Fix 2/14/02 Shipped to Perma-Fix 6/18/02t Administrative Adjustment	0.00	0.00
3.1.4	LA-W919 Organic-Contaminated Noncombustible Solids	12.67	(0.00) (1.30) (0.02) (4.88) (0.39) (3.94) (2.12) (0.02)	Shipped 1/31/02 to DSSI Shipped to Perma-Fix 1/31/02 Shipped to Perma-Fix 1/31/02 Shipped to M&EC 2/14/02 Shipped to Perma-Fix 2/14/02 Shipped to Perma-Fix 2/14/02 Shipped to Perma-Fix 2/14/02 Administrative Adjustment	0.00	0.00
3.1.5	LA-W912 Combustible Debris	0.00			0.00	0.00
3.1.5	LA-W921 Activated or Inseparable Lead	0.00			0.00	0.00
3.1.5	LA-W922 Noncombustible Debris	1.31	(0.13) (0.74) (0.84) 0.40	Shipped to Perma-Fix 6/18/02 Shipped to Perma-Fix 7/23/02 Shipped to Envirocare 8/27/02 Administrative Adjustment	0.00	2.00
3.1.6	LA-W913 Aqueous Wastes with Heavy Metals	0.00			0.00	0.00
3.1.6	LA-W914 Corrosive Solutions	0.00			0.00	0.00
3.1.6	LA-W915 Aqueous Cyanides,	0.00			0.00	0.00

CPV Sec.	MWIR Waste ID and Treatability Group/ Category	FY01 Annual Update (m^3)	Proposed Revision 13.0 (m^3)	Comments	FY02 Annual Update (m^3)	Projection FY02-FY06 (m^3)
3.1.1	LA-W901 IPA Wastes	0.00				0.00
3.1.1	LA-W902 Scintillation Fluids	0.00				0.00
3.1.2	LA-W903 Lead Blankets	0.00				0.00
3.1.2	LA-W904 Soil with Heavy Metals	0.00			0.00	0.00
3.1.2	LA-W905 ER Soils	0.00				0.00
3.1.3	LA-W906 Aqueous Organic Liquids	0.68	(0.32) (0.95) 0.58	Shipped to Perma-Fix 6/18/02 Shipped to WCS 9/27/02 Administrative Adjustment	0.00	0.00
	Nitrates, Chromates, and Arsenates					
3.1.7	LA-W916 Water-Reactive Wastes	2.69	(0.00) (0.00)	Shipped to Perma-Fix 2/14/02 Shipped to M&EC 8/26/02	2.69	0.01
3.1.8	LA-W917 Compressed Gases Requiring Scrubbing	0.30			0.30	0.00
3.1.9	LA-W918 Compressed Gases Requiring Oxidation	1.94	(0.53) Rec (0.00)	Onsite Recycling 6/6/02 Shipped to Perma-Fix 8/26/02	1.41	0.00
3.1.10	LA-W920 Elemental Mercury	0.44	(0.26)	Shipped to M&EC 4/24/02*	0.18	
3.1.11	LA-W907 Halogenated Organic Liquids	00.18	(0.00) (0.07) (0.11) (0.20) Rec 0.20	Shipped 1/31/02 to DSSI Shipped to Perma-Fix 1/31/02 Shipped to Perma-Fix 2/13/02Onsite Recycling Administrative Adjustment	0.00	0.00
3.1.11	LA-W908 Nonhalogenated Organic Liquids	0.94	(0.01) (0.93) (0.00) Rec	Shipped 1/31/02 to DSSI Shipped to Perma-Fix 1/31/02 Onsite Recycling 6/6/02	0.00	0.00
3.1.11	LA-W909 Bulk Oils	2.08	(1.49) Rec (1.20) 0.61	Shipped to Duratek 1/30/02 Shipped to Perma-Fix 7/23/02 Administrative Adjustment	0.00	0.00
3.1.11	LA-W910 PCB Wastes with RCRA Components	5.81	(0.25) Trt	Shipped to Shaw 9/26/02	5.58	2.2

CPV Sec.	MWIR Waste ID and Treatability Group/ Category	FY01 Annual Update (m^3)	Proposed Revision 13.0 (m^3)	Comments	FY02 Annual Update (m^3)	Projection FY02-FY06 (m^3)
3.1.1	LA-W901 IPA Wastes	0.00				0.00
3.1.1	LA-W902 Scintillation Fluids	0.00				0.00
3.1.2	LA-W903 Lead Blankets	0.00				0.00
3.1.2	LA-W904 Soil with Heavy Metals	0.00			0.00	0.00
3.1.2	LA-W905 ER Soils	0.00				0.00
3.1.3	LA-W906 Aqueous Organic Liquids	0.68	(0.32) (0.95) 0.58	Shipped to Perma-Fix 6/18/02 Shipped to WCS 9/27/02 Administrative Adjustment	0.00	0.00
			0.02	Newly Covered		
3.1.11	LA-W923 Liquid and Solid Oxidizers	1.24	(0.80) (0.00) (0.23) (0.45) 0.24	Shipped to WCS 1/30/02 Shipped 1/31/02 to DSSI Shipped to Perma-Fix 1/31/02 Shipped to Perma-Fix 1/31/02 Administrative Adjustment	0.00	0.00
3.2	LA-W924 Lead Wastes – TBD	0.68	(0.68)	Administrative Adjustment	0.00	
3.2	LA-W925 Mercury Wastes – TBD	7.11	(0.00)* (0.26)	Shipped to M&EC 4/24/02 Shipped to WCS 6/4/02	6.85	1.5
3.2	LA-W926 Compressed Gases – TBD	0.00			0.00	0.00
3.2	LA-W927 Biochemical Laboratory Wastes	0.00			0.00	0.00
3.2	LA-W928 Dewatered Treatment Sludge	0.00			0.00	0.00
3.2	LA-W932 Explosives					

FY06 Annual STP Update
Background Volume
3/16/07

CPV Sec.	MWIR Waste ID and Treatability Group/ Category	FY01 Annual Update (m^3)	Proposed Revision 13.0 (m^3)	Comments	FY02 Annual Update (m^3)	Projection FY02-FY06 (m^3)
3.1.1	LA-W901 IPA Wastes	0.00				0.00
3.1.1	LA-W902 Scintillation Fluids	0.00				0.00
3.1.2	LA-W903 Lead Blankets	0.00				0.00
3.1.2	LA-W904 Soil with Heavy Metals	0.00			0.00	0.00
3.1.2	LA-W905 ER Soils	0.00				0.00
3.1.3	LA-W906 Aqueous Organic Liquids	0.68	(0.32) (0.95) 0.58	Shipped to Perma-Fix 6/18/02 Shipped to WCS 9/27/02 Administrative Adjustment	0.00	0.00
3.2	LA-W933 Lab Packs	2.7	(0.00) (0.04) (0.26) (0.05) (0.96)	Shipped to WCS 6/4/02 Shipped to Perma-Fix 6/18/02 Shipped to Perma-Fix 8/26/02 Shipped to M&EC 8/26/02 Shipped to Perma-Fix 9/26/02	1.39	2.00
3.2	LA-W934 High Activity Waste	5.21			5.21	0.1
3.3.1	LA-W930 Lead for Surface Decontamination	0.00	0.00		0.00	0.00
3.3.2	LA-W929 Nonradioactive or Suspect Waste Items to be Surveyed	0.00	0.00		0.00	0.00
3.3.3	LA-W931 Lead Requiring Sorting	0.00			0.00	0.00
3.4	Missing/ nonexistent/ TBV category	12.03	(0.00)	Administrative Adjustment	12.03	N/A
	TOTALS	**75.14**	**(39.54)**		**35.62**	

*Correspondence RRES/WD:02-020 inadvertently listed the incorrect volumes for these shipments. The volumes shown are correct.

Appendix I

Reported STP MLLW Inventories

FY03 Update

CPV Sec.	MWIR Waste ID and Treatability Group/ Category	FY02 Annual Update (m^3)	Proposed Revision 14.0 (m^3)	Comments	FY03 Annual Update (m^3)	Projection FY03-FY07 (m^3)
3.1.1	LA-W901 IPA Wastes	0.00			0.00	0.00
3.1.1	LA-W902 Scintillation Fluids	0.00			0.00	0.00
3.1.2	LA-W903 Lead Blankets	0.00			0.00	0.00
3.1.2	LA-W904 Soil with Heavy Metals	0.00			0.00	0.00
3.1.2	LA-W905 ER Soils	0.00			0.00	0.00
3.1.3	LA-W906 Aqueous Organic Liquids	0.00			0.00	0.00
3.1.4	LA-W911 Organic-Contaminated Combustible Solids	0.00			0.00	0.00
3.1.4	LA-W919 Organic-Contaminated Noncombustible Solids	0.00			0.00	0.00
3.1.5	LA-W912 Combustible Debris	0.00			0.00	0.00
3.1.5	LA-W921 Activated or Inseparable Lead	0.00	0.92 (0.92)	Expedited Ship Request 4/11/03 Shipped to Envirocare 4/30/03	0.00	0.00
3.1.5	LA-W922 Noncombustible Debris	0.00			0.00	2.00
3.1.6	LA-W913 Aqueous Wastes with Heavy Metals	0.00			0.00	0.00
3.1.6	LA-W914 Corrosive Solutions	0.00			0.00	0.00
3.1.6	LA-W915 Aqueous Cyanides, Nitrates, Chromates, and Arsenates	0.00			0.00	0.00
3.1.7	LA-W916 Water-Reactive Wastes	2.69	(1.19) (0.9)	Shipped to WCS 09/3/2003Administrative Adjustment	0.60	0.01
3.1.8	LA-W917 Compressed Gases Requiring Scrubbing	0.30			0.30	0.00
3.1.9	LA-W918 Compressed Gases Requiring Oxidation	1.41	(0.60)	Administrative Adjustment	0.81	0.00
3.1.10	LA-W920 Elemental Mercury	0.18	(0.01)	Administrative Adjustment	0.17	

CPV Sec.	MWIR Waste ID and Treatability Group/ Category	FY02 Annual Update (m^3)	Proposed Revision 14.0 (m^3)	Comments	FY03 Annual Update (m^3)	Projection FY03-FY07 (m^3)
3.1.11	LA-W907 Halogenated Organic Liquids	0.00			0.00	0.00
3.1.11	LA-W908 Nonhalogenated Organic Liquids	0.00			0.00	0.00
3.1.11	LA-W909 Bulk Oils	0.00	0.73 (0.73)	2/14/03 Expedited Shipment Request Shipped to DSSI 2/20/03	0.00	0.00
3.1.11	LA-W910 PCB Wastes with RCRA Components	5.58	(0.62)	Administrative Adjustment	4.96	2.2
3.1.11	LA-W923 Liquid and Solid Oxidizers	0.00	(0.00)	Shipped to Perma Fix 11/21/02	0.00	0.00
3.2	LA-W924 Lead Wastes – TBD	0.00			0.00	
3.2	LA-W925 Mercury Wastes – TBD	6.85	(3.99) (0.59) 0.11	Shipped to Envirocare 12/18/2002 Shipped to WCS 9/3/2003 Administrative Adjustment	2.38	1.5
3.2	LA-W926 Compressed Gases – TBD	0.00			0.00	0.00
3.2	LA-W927 Biochemical Laboratory Wastes	0.00			0.00	0.00
3.2	LA-W928 Dewatered Treatment Sludge	0.00			0.00	0.00
3.2	LA-W932 Explosives					
3.2	LA-W933 Lab Packs	1.39	(0.18) (0.02) (0.21) (0.98)	Shipped to Perma Fix 11/21/02 Shipped to Perma Fix 4/4/03 Shipped to DSSI, M&EC, and Perma Fix 8/21/03 Administrative adjustment	0.00	2.00
3.2	LA-W934 High Activity Waste	5.21	(4.08) 6.02	Shipped to Duratek 8/26/03 Administrative Adjustment	7.15	0.1
3.3.1	LA-W930 Lead for Surface Decontamination	0.00	0.00		0.00	0.00
3.3.2	LA-W929 Nonradioactive or Suspect Waste Items to be Surveyed	0.00	0.00		0.00	0.00
3.3.3	LA-W931 Lead Requiring Sorting	0.00			0.00	0.00
3.4	Missing/ nonexistent/ TBV category	12.03	(12.01))	Administrative Adjustment	0.02	N/A
	TOTALS	**35.64**	**(19.25)**		**16.39**	

Appendix J

Reported STP MLLW Inventories

FY04 Update

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY03 Annual Update (m3)	Proposed Revision 15.0 (m3)	Comments	FY04 Annual Update (m3)	Projection FY04-FY08 (m3)
3.1.1	LA-W901 IPA Wastes	0	0		0	0
3.1.1	LA-W902 Scintillation Fluids	0	0		0	0
3.1.2	LA-W903 Lead Blankets	0	0		0	0
3.1.2	LA-W904 Soil with Heavy Metals	0	0		0	0
3.1.2	LA-W905 ER Soils	0	0		0	0
3.1.3	LA-W906 Aqueous Organic Liquids	0	0.0001	Newly Generated	0.0001	0
3.1.4	LA-W911 Organic-Contaminated Combustible Solids	0	0		0	0
3.1.4	LA-W919 Organic-Contaminated Noncombustible Solids	0	0		0	0
3.1.5	LA-W912 Combustible Debris	0	0		0	0
3.1.5	LA-W921 Activated or Inseparable Lead	0	0		0	0
3.1.5	LA-W922 Noncombustible Debris	0	0.2610 (0.2610) 0.0255 (0.0255)	Expedited Shipment to Perma-Fix 1/26/04 Expedited Shipment to Envirocare 4/20/04	0	2
3.1.6	LA-W913 Aqueous Wastes with Heavy Metals	0	0		0	0
3.1.6	LA-W914 Corrosive Solutions	0	0.0814 (0.0814) 0.0005	Shipped to WCS 4/15/04 Administrative Adjustment	0.0005	0

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY03 Annual Update (m3)	Proposed Revision 15.0 (m3)	Comments	FY04 Annual Update (m3)	Projection FY04-FY08 (m3)
3.1.6	LA-W915 Aqueous Cyanides, Nitrates, Chromates, and Arsenates	0	0		0	0
3.1.7	LA-W916 Water-Reactive Wastes	0.6	(0.2127) (0.3724) (0.017) (0.0007) 0.0028	Shipped to DSSI 6/24/04 Shipped to MEC 6/24/04 Shipped to Perma-Fix 1/26/04 Shipped to Perma-Fix 6/24/04 Administrative Adjustment	0	0.01
3.1.8	LA-W917 Compressed Gases Requiring Scrubbing	0.3	0		0.3	0
3.1.9	LA-W918 Compressed Gases Requiring Oxidation	0.81	0		0.81	0
3.1.10	LA-W920 Elemental Mercury	0.17	(0.1147) (0.0023)	Shipped to MEC 06/24/04 Administrative Adjustment	0.053	
3.1.11	LA-W907 Halogenated Organic Liquids	0	0		0	0
3.1.11	LA-W908 Nonhalogenated Organic Liquids	0	0		0	0
3.1.11	LA-W909 Bulk Oils	0	0.2264	Newly Generated	0.2264	0
3.1.11	LA-W910 PCB Wastes with RCRA Components	4.96	(4.0538) (0.1136) 0.0023	Shipped to MEC 09/24/04 Shipped to Envirocare 09/30/04 Administrative Adjustment	0.7949	2.2
3.1.11	LA-W923 Liquid and Solid Oxidizers	0	0.0045 (0.0045)	Shipped to Perma-Fix 1/26/04	0	0

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY03 Annual Update (m3)	Proposed Revision 15.0 (m3)	Comments	FY04 Annual Update (m3)	Projection FY04-FY08 (m3)
3.2	LA-W924 Lead Wastes – TBD	0	0.2082	Newly Generated	0.2082	
3.2	LA-W925 Mercury Wastes – TBD	2.38	0.3700 (0.3700) (0.0820) (0.3987) 0.0154 0.0943	Expedited Shipment to MEC 1/26/04 Shipped to MEC 1/26/04 Shipped to MEC 6/24/04 Newly Generated Administrative Adjustment	2.0090	1.5
3.2	LA-W926 Compressed Gases – TBD	0	0		0	0
3.2	LA-W927 Biochemical Laboratory Wastes	0	0		0	0
3.2	LA-W928 Dewatered Treatment Sludge	0	0		0	0
3.2	LA-W932 Explosives	0	0		0	
3.2	LA-W933 Lab Packs	0	(0.0002) 0.0199 (0.0199) 0.0002	Shipped to MEC 1/26/04 Shipped to Perma-Fix and DSSI 6/24/04 Administrative adjustment	0	2
3.2	LA-W934 High Activity Waste	7.15	(0.2120) (0.7133) (5.0133)	Shipped to Envirocare 12/8/03 Shipped to Envirocare 9/20/04 Administrative Adjustment	1.2114	0.1
3.3.1	LA-W930 Lead for Surface Decontamination	0	0		0	0
3.3.2	LA-W929 Nonradioactive or Suspect Waste Items to be Surveyed	0	0		0	0

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY03 Annual Update (m3)	Proposed Revision 15.0 (m3)	Comments	FY04 Annual Update (m3)	Projection FY04-FY08 (m3)
3.3.3	LA-W931 Lead Requiring Sorting	0	0		0	0
3.4	Missing/ nonexistent/ TBV category	0.02	(0.02)	Administrative Adjustment	0	N/A
	TOTALS	**16.39**	**(10.7765)**		**5.6135**	

Appendix K

Reported STP MLLW Inventories

FY05 Update

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY04 Annual Update (m3)	Proposed Revision 16.0 (m3)	Comments	FY05 Annual Update (m3)	Projection FY05-FY10 (m3)
3.1.1	LA-W901 IPA Wastes	0	0		0	0
3.1.1	LA-W902 Scintillation Fluids	0	0		0	0
3.1.2	LA-W903 Lead Blankets	0	0		0	0
3.1.2	LA-W904 Soil with Heavy Metals	0	0		0	0
3.1.2	LA-W905 ER Soils	0	0		0	0
3.1.3	LA-W906 Aqueous Organic Liquids	0.0001	-0.0001	Shipment to MEC 11/9/04	0	0
3.1.4	LA-W911 Organic-Contaminated Combustible Solids	0	0		0	0
3.1.4	LA-W919 Organic-Contaminated Noncombustible Solids	0	0		0	0
3.1.5	LA-W912 Combustible Debris	0	0		0	0
3.1.5	LA-W921 Activated or Inseparable Lead	0	0		0	0
3.1.5	LA-W922 Noncombustible Debris	0	0		0	2
3.1.6	LA-W913 Aqueous Wastes with Heavy Metals	0	0		0	0
3.1.6	LA-W914 Corrosive Solutions	0.0005	-0.0005	Shipped to Perma-Fix 11/9/04	0	0
3.1.6	LA-W915 Aqueous Cyanides, Nitrates, Chromates, and Arsenates	0	0		0	0

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY04 Annual Update (m3)	Proposed Revision 16.0 (m3)	Comments	FY05 Annual Update (m3)	Projection FY05-FY10 (m3)
3.1.7	LA-W916 Water-Reactive Wastes	0	0		0	
3.1.8	LA-W917 Compressed Gases Requiring Scrubbing	0.3015	-0.1561 -0.1374	Shipped to Onyx 03/25/05 Shipped to Clean Harbors 03/25/05	0.0080	0
3.1.9	LA-W918 Compressed Gases Requiring Oxidation	0.8130	-0.2557 -0.3792 -0.0004 -0.1170 0.0080 -0.0005	Shipped to MEC 02/23/05 Shipped to Onyx 03/25/05 Shipped to PECOS 5/23/05 Shipped to Clean Harbors 03/24/05 Newly Generated Administrative Adjustment	0.0682	0
3.1.10	LA-W920 Elemental Mercury	0.053	-0.053 0.0009	Shipped to Envirocare 11/9/04 Newly Generated	0.0009	
3.1.11	LA-W907 Halogenated Organic Liquids	0	0		0	0
3.1.11	LA-W908 Nonhalogenated Organic Liquids	0	0		0	0
3.1.11	LA-W909 Bulk Oils	0.2264	-0.2264 0.2801 -0.2801 0.212	Shipped to Perma-Fix 12/13/04 Shipped to Perma-Fix 12/13/04 Newly Generated	0.2120	0
3.1.11	LA-W910 PCB Wastes with RCRA Components	0.7949	-0.4550 -0.1060 -0.3217 0.6322 0.0879	Shipped to MEC 11/9/04 Shipped to MEC 11/9/04 Shipped to MEC 09/26/05 Newly Generated Administrative Adjustment	0.6322	2.2

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY04 Annual Update (m3)	Proposed Revision 16.0 (m3)	Comments	FY05 Annual Update (m3)	Projection FY05-FY10 (m3)
3.1.11	LA-W923 Liquid and Solid Oxidizers	0	0	0	0	0
3.2	LA-W924 Lead Wastes – TBD	0.2082	-0.2082 0.0151 -0.0151 0.6245 -0.6245 0.2100	Shipped to Envirocare 9/21/05 Shipped to Envirocare 2/8/05 Shipped to Envirocare 9/21/05 Newly Generated	0.2100	
3.2	LA-W925 Mercury Wastes – TBD	2.0090	-0.6184 -0.0160 -1.0410 -0.0002 0.3426 0.1019	Shipped to MEC 11/9/04 Shipped to MEC 11/9/04 Shipped to Envirocare 2/8/05 Shipped to MEC 09/26/05 Newly Generated Administrative Adjustment	0.7779	1.5
3.2	LA-W926 Compressed Gases – TBD	0	0		0	0
3.2	LA-W927 Biochemical Laboratory Wastes	0	0		0	0
3.2	LA-W928 Dewatered Treatment Sludge	0	0		0	0
3.2	LA-W932 Explosives	0	0		0	
3.2	LA-W933 Lab Packs	0	0.0508 -0.0508 0.2120 -0.2120	Shipped to Perma-Fix 11/9/04 Shipped to Perma-Fix 5/9/05	0	2
3.2	LA-W934 High Activity Waste	1.2114	-0.0065 -0.0530 -0.0198 -0.0189 -0.2082	Shipped to Perma-Fix 3/28/05 Shipped to MEC 3/28/05 Shipped toDuratek 8/23/05 Shipped to ARS for Lab Analysis Reclassifed as MTRU	1.7378	0.1

CPV Sec.	MWIR Waste ID and Treatability Group/Category	FY04 Annual Update (m3)	Proposed Revision 16.0 (m3)	Comments	FY05 Annual Update (m3)	Projection FY05-FY10 (m3)
			0.8328	Newly Generated		
3.3.1	LA-W930 Lead for Surface Decontamination	0	0		0	0
3.3.2	LA-W929 Nonradioactive or Suspect Waste Items to be Surveyed	0	0		0	0
3.3.3	LA-W931 Lead Requiring Sorting	0	0		0	0
3.4	Missing/ nonexistent/ TBV category	0	0		0	N/A
	TOTALS	**5.6180**	**-1.9708**		**3.6473**	

Fiscal Year 2006 Annual Update for the STP Compliance Plan Volume
Attachment B