

SUSANA MARTINEZ Governor

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NEW MEXICO ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau

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DAVE MARTIN Secretary

BUTCH TONGATE Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

June 5, 2012

Kevin W. Smith, Manager Los Alamos Site Office Department of Energy 3747 W. Jemez Rd., MS-A316 Los Alamos, NM 87544 Michael T. Brandt, Associate Director Environment, Safety, Health, & Quality Los Alamos National Security, LLC Los Alamos Research Park P.O. Box 1663, MS K491 Los Alamos, NM 87545

RE: CLASS 1 PERMIT MODIFICATION REQUEST LOS ALAMOS NATIONAL LABORATORY EPA ID# NM 0890010515 LANL-12-023

Dear Messrs. Smith and Brandt:

The New Mexico Environment Department (Department) has reviewed a *Class 1 Permit Modification Request (PMR)* dated April 2, 2012, submitted by the United States Department of Energy and Los Alamos National Security, LLC (collectively the Permittees). The PMR proposes 94 revisions to the Hazardous Waste Facility Permit (Permit) for Los Alamos National Laboratory (LANL).

NMED did not approve one requested modification requiring prior approval and two others that did not require prior approval. Additionally, several requested revisions were approved with modifications. The reasons for denial and approvals with modification are included in Attachment 1 of this letter. The approved modifications were put into effect as requested by the Permittees under the conditions specified in 20.4.1.900 NMAC (incorporating 40 CFR §270.42(a)(1)). NMED incorporated these Class 1 modifications into the LANL Permit. Attached to this letter is an electronic copy of the Permit as modified. Also on the disc is a redline copy of the Permit Parts and Attachments that were modified.

Messrs. Smith and Brandt June 5, 2012 Page 2

If you have any questions regarding this correspondence, please contact Tim Hall of my staff at 476-6049 or at <u>timothy.hall@state.nm.us</u>.

Sincerely,

John E. Kieling

Chief Hazardous Waste Bureau

Attachments

- 1) New Mexico Environment Department Review of Class 1 Permit Modification
- 2) Electronic copy of the Permit as modified

cc:

J. Davis, RPD, NMED J. Kieling, HWB, NMED T. Hall, HWB, NMED L. King, EPA 6PD-N T. Grieggs, ENV-RCRA, LANS, MS-K490 M. Haagenstad, ENV-RCRA, LANS, MS-K404 G. Turner, DOE-LASO, MS-A316

File: Reading and LANL Permit 2012

LANL-12-023

Los Alamos National Laboratory Hazardous Waste Facility Permit EPA ID# NM0890010515

Effective date: December 30, 2010

New Mexico Environment Department Review of Class 1 Permit Modification

Section	Paragraph	Type of Change	Proposed Change	Approved
Permit Part 1				
1.2	1	Typographical error (Class 1)	To correct EPA ID Number, change to "NM 0890010515"	Yes
1.5	# (4)	Remove a permit conditions that is no longer applicable (Class 1)	Delete "(4) the TA-16 Part B Permit Application dated June 2003"	Yes ¹
1.10	6 (2 nd to last paragraph of section)	Typographical error (Class 1)	Delete hyphen (-) between 'all' and 'documents'	Yes
1.10	7 (Final paragraph of section)	Typographical error (Class 1)	Delete last sentence in paragraph as it is repeated from page 26. Delete: "The Permittees shall establish an electronic Information Repository (IR) accessible through the internet on the Permittees' environmental website. (See 40 CFR § 124.33(d))"	Yes
1.10.1	Section Title	Title Change (Class 1*)	Change title of the section from "RACER" to " <u>Public Environmental</u> <u>Database</u> "	Yes
1.10.1	1	Title Change (Class 1*)	Change "Risk Analysis Communication Evaluation Reduction (RACER) database" to " <u>public database that</u> <u>provides comprehensive</u> <u>environmental data collected from in</u> <u>and around LANL</u> "	Yes ²
Permit Part 2				
2.2.1	(1), last sentence	Typographical error (Class 1)	Insert: "of <u>the</u> written notice"	Yes
2.2.1	# (4) b	Typographical error (Class 1)	Delete: "per year" as it is redundant with annual volume in same sentence	Yes

Section	Paragraph	Type of Change	Proposed Change	Approved
2.2.1	# (4) b	Clarification that	State as "one 55-gallon drum	Yes
		the permit	equivalent" and "two 55-gallon	
		condition refers	drum s equivalents " within the text.	
		to a volume		
		limitation, not a		
		limit to the type		
		of container		
		(Class 1*)		
2.6.3	1 (first)	Typographical	Revise as, "Hazardous and Mixed	Yes
		error (Class 1)	Waste Facility Inspection Record	
			Form" to match title of form in	
			Attachment E (Inspection Plan).	
2.10.5	3 (After	Title Change	Change the first sentence of the	Yes
	bulleted list)	(Class 1*)	paragraph to read: "The Permittees'	
			Emergency Management and	
			Emergency Planning and	
			Preparedness Group Leaders Primary	
			Emergency Manager identified in	
			Attachment D (Contingency Plan)	
			shall annually sign a certification	
			stating that the LAFD has been	
			provided with this information to the	
			satisfaction of the Chief of the LAFD."	2
2.12.2	# (5)	Clarification that	Paragraph refers to Section 2.6 for	Yes ³
		the period of	the time period certain records must	
		time records	be maintained and Section 2.6 refers	
		should be kept	to Section 2.12 for time frame	
		is located in	information. Suggest changing the	
		Section 2.12.2,	bullet to read "records and results of	
		but there are	inspections as required in Permit	
		other	Section 2.6 and Attachment E	
		requirements	(Inspection Plan) (these records and	
		for the specific	results shall be kept <u>as</u> for the period	
		type of records	specified in Permit Section 2.6);"	
		outlined in		
		Section 2.6		
		(Class 1*)		

Section	Paragraph	Type of Change	Proposed Change	Approved
Permit Part 3	•	·		
3.7.1	#(8)	Clarification that	Change the paragraph to read: "The	Yes ⁴
		the coating on	Permittees shall ensure that all metal	
		metal pallets is	secondary containment pallets are	
		always	coated with <u>have a</u> chemically-	
		chemically-	resistant urethane<u>coating</u>. The	
		resistant	Permittees shall maintain the	
		material, but	chemical-resistant urethanecoating in	
		not always	accordance with Permit Section 3.7.1	
		urethane. (Class	and the manufacturer's	
		1*)	specifications."	
3.9	# (4) d	Typographical	Replace "in" with "is" as follows:	Yes
		error (Class 1)	"and there <u>is</u> in no possibility"	
Permit Part 9		•		
9.2.2.1	1	Typographical	Insert: "if <u>the</u> closure performance	Yes
		error (Class 1)	standard"	
9.2.2.3	1	Typographical	Delete "indoor" as follows:	Yes
		error (Class 1)	"(including associated indoor	
			structures)"	
9.4.4.1	1	Typographical	"to verify the absence of hazardous	Yes
		error (Class 1)	constituent <u>s</u> "	
9.4.7.1	# (4) a. (the	Administrative	Delete "(a) and (b)" as follows: "and	Yes
	last bullet of	or informational	9.4.7.1.ii (a) and (b)) " as there are	
	the list)	change (Class 1)	no subsections (a) and (b) in the	
			referenced section of the permit.	
9.4.7.1.i	1 (last	Administrative	Delete ".a" as follows: "Permit	Yes
	sentence)	or informational	Section 9.4.7.1.ii .a where applicable."	
		change (Class 1)	As there is no subsection 'a' in the	
			referenced section of the permit.	
Permit Part 1.	1			
11.3.1	3	Typographical	Revise as, "The Permittees shall notify	Yes
		error (Class 1)	the Department, in writing, of any	
			new detections of hazardous waste	
			and hazardous waste constituents in	
			groundwater at any location that for	
			which analytical data was received	
			during the previous month as	
			described in Permit Section 11.3.1.1."	

Section	Paragraph	Type of Change	Proposed Change	Approved
11.10.2.6	1	Clarification that	Revise the first sentence to clearly	No ⁵
		samples may be	state "Samples of subsurface vapors	
		collected from	shall be collected from vapor	
		discrete	monitoring points from both discrete	
		subsurface	zones , <u>(</u> selected based on	
		zones and total	investigation and field screening	
		well subsurface	results <u>)</u> , and as total well subsurface	
		zones. (Class 1*)	vapor samples where required by the	
			Department."	
11.10.2.8.ii	2	Administrative	Revise the first sentence as, "All	Yes
		or informational	purged groundwater and	
		changes (Class	decontamination water shall be	
		1)	temporarily stored at satellite	
			accumulation areas, or transfer	
			stations <u>, or</u> in labeled 55 gallon	
			drums-less-than-90-day storage areas	
			in labeled 55-gallon drums or other	
			containers approved by the	
			Department until proper characterization and disposal can be	
			arranged."	
			anangeu.	
11.10.2.11	3 (last	Typographical	Revise as, "as described in Permit	Yes
	paragraph)	error (Class 1)	Section 11.10.2.11 <u>11.10.2.13</u> "	
11.10.3.1.iv	# (20)	Administrative	Revise as, "ion chromatograms and	Yes
		or informational	mass spectra for gas"	
		change (Class 1)		
11.10.3.1.iv	# (21)	Typographical	Delete "(GC/MS)" from bullet.	Yes
		error (Class 1)		
11.10.4.1.i	1	Typographical	Revise first sentence as, "shall	Yes
		error (Class 1)	include of <u>a</u> discussion"	
Permit Attach	1			
A.4.2.5	4	Administrative	Before the final paragraph of the	Yes
		or informational	section, add the subheading " <u>Storage</u>	
		change (Class 1)	<u>Sheds</u> " for consistency with the other	
			subtitles for the domes on Pad 5.	
A.4.2.6	3 (Within	Administrative	Correct "250 ft" to " <u>260 ft</u> " for	Yes
	subheading	or informational	consistency with the closure plan in	
	"Dome 283")	change (Class 1)	Attachment G.9.	
A.4.2.8	1	Typographical	In the first sentence of the paragraph,	Yes
		error (Class 1)	correct "Figure 34" to " <u>Figure 35</u> ".	

Attachment 1 NMED Review of Class 1 Permit Modification Request Page 5 of 12

Section	Paragraph	Type of Change	Proposed Change	Approved
A.5	1	Typographical	Change the tense of the sentence as	Yes
		error (Class 1)	follows: "The B05, B45, and TA-55-	
			185 permitted units will be <u>are</u> used	
			to store containers with only non-	
			liquid bearing waste (i.e., solid form)."	
A.5.6	1	Typographical	Change "Figure 45" to " <u>Figures 39</u>	Yes
		error (Class 1)	and 45" in the first sentence of the	
			paragraph.	
A.5.7	1	Typographical	Change "Figure 46" to " <u>Figures 39</u>	Yes
		error (Class 1)	and 46" in the first sentence of the	
			paragraph.	
A.5.7	1	Typographical	Change the tense of the last two	Yes
		error (Class 1)	sentences as follows: "The TA-55-185	
			permitted unit will be <u>is</u>	
			approximately 60 ft long by 40 ft	
			wide, and will have <u>has</u> a maximum	
			storage capacity of 30,000 gal, the	
			equivalent of 546 55-gal drums. The	
			types of waste containers holding	
			hazardous or mixed waste that will be	
			<u>are</u> stored at TA-55-185 include: 30-,	
			55-, and 85-gal drums; large waste	
			boxes; and SWBs."	
A.5.9	8	Typographical	Change the tense of the first sentence	Yes
		error (Class 1)	of the paragraph as follows: "The	
			homogeneous solid process wastes	
			generated at TA-55 is <u>are</u> delivered	
			to the Cementation Unit in a closed	
			container from the generator	
			glovebox through a trolley system."	
A.5.11	2	Typographical	Delete the word "application" from	Yes
		error (Class 1)	the following sentence as it is no	
		, ,	longer applicable: "Fire-alarm pull	
			boxes and/or drop box push-button	
			alarms are located in the vicinity of	
			the waste management units	
			addressed in this permit-application."	

Section	Paragraph	Type of Change	Proposed Change	Approved
Permit Attach	nment C			
Attachment C	1	Typographical error (Class 1)	Insert "by" and change "processes" to the singular tense as follows, "The waste characterization requirements contained in this WAP are used for characterization of wastes stored in containers and tanks, and to support treatment by the stabilization processes."	Yes
Attachment C	Bullet "Section C.5"	Administrative or informational change (Class 1)	Insert complete regulatory reference as follows: "ensure compliance with <u>40 CFR Part 264</u> Subpart CC requirements."	Yes
C.1.2.1	Aqueous Liquids	Typographical error (Class 1)	Insert "action" as follows: "These wastes consist of liquids generated during various activities, including decontamination of remedial <u>action</u> equipment, drilling fluids and well development fluids, septic tank liquids, and contaminated stormwater runoff."	Yes
C.1.3	1	Administrative or informational change (Class 1)	Define WIPP as 'Waste Isolation Pilot Plant'.	Yes
C.2.1	# 3.	Typographical error (Class 1)	Correct second dashed paragraph as follows: "Physical waste from form"	Yes
C.3	3	Administrative or informational change (Class 1)	Insert "waste" as follows: "The Permittees shall ensure that waste characterization documentation is reviewed and approved prior to <u>waste</u> acceptance at a permitted unit."	Yes
C.3.1.2.1	1	Administrative or informational change (Class 1)	Revise the second sentence of the paragraph as follows: "described in Section 1.2 of <u>SW-846</u> Method 1311,"	Yes
C.3.1.2.2	1	Administrative or informational change (Class 1)	Revise the third sentence of the paragraph as follows: "In accordance with <u>SW-846</u> Method 1311"	Yes

Section	Paragraph	Type of Change	Proposed Change	Approved
C.3.2	1	Typographical	Revise the last sentence of the	Yes
		error (Class 1)	paragraph as follows:	
			"Characterization of the hazardous	
			component of MTRUW to be stored	
			and treated at the Facility shall be	
			conduct <u>ed</u> in accordance with the	
			procedures discussed in the following	
			sections."	
C.3.2	4	Administrative	For consistency, change "hazardous	Yes
		or informational	waste codes" to "EPA Hazardous	
		change (Class 1)	Waste Numbers".	
C.3.2.1	2	Clarification	Revise first sentence as follows:	Yes
		(Class 1*)	"semi-quantitative assay	
			characterization technique"	
C.5	1	Administrative	Correct regulatory reference to "40	Yes
		or informational	CFR Part 264 Subparts BB and CC"	
		change (Class 1)		
C.5.3	1	Administrative	Correct the second regulatory	Yes
		or informational	reference to "40 CFR Part 264	
		change (Class 1)	<u>Subpart BB</u> "	
C.5.3.1	1	Typographical	Correct regulatory reference to	Yes
		error (Class 1)	"Reference Method 21 at 40 CFR	
			Part 260	
Permit Atta	chment D			
D.1	#4.	Administrative	Change the reference to Figure D-1 to	Yes
		or informational	the actual title of the figure. Figure D-	
		change (Class 1)	1 is titled "General Hazardous Waste	
			Emergency Notification Structure",	
			not the "ICS response structure" as	
			stated in this paragraph.	
D.1.1	#5.	Typographical	Correction of the spelling for the	Yes
		error (Class 1)	Primary Emergency Manager. Change	
			"Anderson" to " <u>Andersen</u> ".	
D.1.7.2	1	Administrative	Revise as, "EM personnel will notify	Yes
		or informational	the Los Alamos County Consolidated	
		change (Class 1)	Dispatch Center CDC who will which	
			in turn <u>will</u> notify"	
D.2.1	1	Administrative	Replace "KSL" with "Maintenance	Yes
		or informational	Site Services"	
		change (Class 1)		
D.2.2.2	1	Administrative	Change "CAS operator" to "Los	Yes
		or informational	Alamos County Consolidated	
		change (Class 1)	Dispatch Center"	

Section	Paragraph	Type of Change	Proposed Change	Approved
D.3.1	1.	Typographical	Delete the extra word in last sentence	Yes
		error (Class 1)	and revise as, "to determine to	
			causal factors"	
D.3.2	#4.	Typographical	Revise as, "communicate the nature	Yes
		error (Class 1)	or of the emergency"	
TA-3	3	Typographical	Revise the third sentence of the	Yes
Attachment		error (Class 1)	paragraph as, "The FIC is comprised	
D			of division and line managers and key	
			personnel who respond to pre-	
			designated locations for the purpose of initial command and control of	
			events that occur at <u>during</u> CMR Building emergencies."	
TA-50	3	Typographical	Revise as, "Incident Command <u>er</u> "	Yes
Attachment	5	error (Class 1)	nevise as,incluent command <u>er</u>	165
D				
Permit Attach	iment E			
E, Table of	None	Typographical	Change font and format to replicate	Yes
Contents		error (Class 1)	other table of contents throughout	
			the permit.	
E, Table of	List of	Typographical	Revise the name of Figure E-1 to	Yes
Contents	Figures	error (Class 1)	"Hazardous and Mixed Waste Facility	
			Inspection Record Form"	
E.1	2	Typographical	Revise as, "in Permit Section 2.12.2	Yes
		error (Class 1)	<u>2.6</u> ″	6
E.1.1	3	Clarification that	This paragraph states that 'No Use'	Yes ⁶
		there are other	shall be documented in 'other	
		options to meet	records', however, the Inspection	
		this	Form accounts for this condition and	
		requirement as	the form instructions also indicate	
		described	that a 'No Use' condition be	
		earlier in the	documented on the form. Therefore,	
		paragraph. (Class 1*)	the "shall" should be changed to " <u>may</u> ".	
E.7.4	3	Administrative	Revise as, "pursuant to <u>40 CFR §</u>	Yes
		or informational	264.1061"	
		change (Class 1)		
Inspection	Part I, # 7	Typographical	Revise paragraphs as "a., b., c."	Yes
Form		error (Class 1)	instead of "a., c., d."	
Instructions				

Section	Paragraph	Type of Change	Proposed Change	Approved
TA-55 Attachment E	2	Typographical error (Class 1)	Remove the redundancy from the paragraph by revising the sentence as, "The Permittees shall perform and document daily inspections on separate forms for the fences at TA- 55-and shall document them on separate forms."	Yes ⁷
TA-55 Attachment E, Section E.1.1	1	Typographical error (Class 1)	Remove the extra "d" within the paragraph and revise as, "the Permittees shall remove d that container"	Yes
TA-55 Attachment E, Section C.3.2	Title	Typographical error (Class 1)	Revise section number to <u>E.3.2</u> instead of C.3.2.	Yes
Permit Attach	ment F	-		
F.4	2	Typographical error (Class 1)	Revise to remove unnecessary word, "changes in hazardous waste regulations and to p rovide them"	Yes
Permit Attach	iment G			
Attachment G.4, Table G.4-1	Footnotes	Administrative or informational change (Class 1)	Add to the footnotes of the table as follows: "MIBK = <u>methyl isobutyl</u> <u>ketone or</u> 4-methyl-2-pentanone" as used in the F-listings at 40 CFR § 261.31. 4-methyl-2-pentanone is a synonym for this chemical, and the addition clarifies the entry.	Yes
Attachment G.5, Section 2.0	2	Typographical error (Class 1)	Revise as, "two transportainers (75 and 18 4 194)	Yes
Attachment G.5, Table G.5-1	Footnotes	Administrative or informational change (Class 1)	Add to the footnotes of the table as follows: " <u>MIBK = methyl isobutyl</u> <u>ketone or 4-methyl-2-pentanone</u> <u>DBCP = 1,2-dibromo-3-</u> <u>chloropropane</u> " to clarify the use of abbreviations within the table.	Yes
Attachment G.6, Figure G.6-2		Typographical error (Class 1)	Legend is revised to show "• Additional Sample Locations "	Yes
Attachment G.8, Section 2.0	2	Typographical error (Class 1)	Revise as, "…and eight sheds (sheds 144, 145, 147, 146, 1 77, 1027, 1028, 1040, 1030, and 1041)."	Yes

Section	Paragraph	Type of Change	Proposed Change	Approved
Attachment	5	Administrative	Delete this paragraph describing the	Yes
G.16,		or informational	loading dock and include this	
Section 2.0		change (Class 1)	discussion in Attachment G.17,	
			Section 2.0.	
Table G.17-	Footnotes	Administrative	Add to the footnotes of the table as	Yes
1		or informational	follows: " <u>MIBK = methyl isobutyl</u>	
		change (Class 1)	ketone or 4-methyl-2-pentanone	
			DBCP = 1,2-dibromo-3-	
			chloropropane" to clarify the use of	
			abbreviations within the table.	
Permit Attach	iment I			
Attachment	Annual	Clarification	Change of text to better reflect the	Yes ⁸
I	Submittals	(Class 1*)	requirement in Section 1.12 of the	
			Permit. "Interested parties quire and	
			<u>e</u> Compliation of <u>solicited</u> comments	
			from interested parties and	
			communitiesand responses".	
Permit Attach	nment J			
Attachment	TA-16-388	Administrative	Change the following to reflect the	No ⁹
J, Table J-1		or informational	current status of the unit. "Interim	
		change (Class 1)	Status Unit not authorized to treat	
			hazardous waste and undergoing	
			closure pending permit approval"	
Attachment	TA-16-399	Administrative	Change the following to reflect the	No ¹⁰
J, Table J-1		or informational	current status of the unit. "Interim	
		change (Class 1)	Status Unit not authorized to treat	
			hazardous waste and undergoing	
			closure pending permit approval"	
Attachment	TA-50-69	Administrative	Total square footage of pad should be	Yes ¹¹
J, Table J-1	Outdoor	or informational	" <u>2,160</u> ". The dimensions of the pad in	
		change (Class 1)	Attachment A and Attachment G.5	
			are 24 ft by 90 ft.	
Attachment	TA-54 Area	Administrative	Total square footage of pad should be	Yes
J, Table J-1	G Pad 1	or informational	"approximately 76,000" for	
		change (Class 1)	consistency with the dimensions in	
			Attachment A and the total in	
			Attachment G.6.	
Attachment	TA-54 Area	Administrative	Total square footage of pad should be	Yes
J, Table J-1	G Pad 3	or informational	"approximately 17,000," for	
		change (Class 1)	consistency with the dimensions in	
			Attachment A and the total in	
			Attachment G.7.	

Section	Paragraph	Type of Change	Proposed Change	Approved
Attachment	TA-54 Area	Administrative	Total square footage of the pad	Yes
J, Table J-1	G Pad 6	or informational	should be " approximately 62,700 ,"	
		change (Class 1)	for consistency with the dimensions	
			in Attachment A and the total in	
			Attachment G.9.	
Attachment	TA-54 Area	Administrative	Storage Shed "57" should be " <u>574</u> "	Yes
J, Table J-1	G Pad 9	or informational	based on Figure 28 in Attachment N	
		change (Class 1)	and Figure G.10-1.	
Attachment	TA-54 Area	Administrative	Total square footage should be	Yes
J, Table J-1	G Pad 10	or informational	" 89,600 " for consistency with the	
		change (Class 1)	dimensions in Attachment A and the	
			total in Attachment G.11.	
Attachment	TA-54 Area	Administrative	Total square footage should be	Yes ¹²
J, Table J-1	G Pad 11	or informational	" <u>65,500</u> " for consistency with	
		change (Class 1)	Attachment A and Attachment G.12.	
Attachment	TA-54 Area	Administrative	Total square footage for TA-54-8	Yes
J, Table J-1	G Storage	or informational	should be " <u>640</u> " for consistency with	
- ,	Shed 8	change (Class 1)	the dimensions in Attachment A and	
			Attachment G.13.	
Attachment	TA-54 Area	Administrative	Total square footage for the unit	Yes ¹²
J, Table J-1	G TA-54-33	or informational	should be " 8,570 " for consistency	105
5, 10512 5 1	0 11 31 33	change (Class 1)	with the dimensions in Attachment A	
			and Attachment G.14.	
Attachment	TA-54 Area L	Typographical	Change the text to better reflect that	Yes ¹²
J, Table J-1	Outdoor Pad	error and	there is no storage canopy at Area L.	103
<i>J</i> , TUDIC J I	Outdoor r du	Administrative	Suggest " <u>and</u> Storage Dome 215	
		or informational	(former Area 1) ; and Storage Canopy	
		change (Class 1)	216."	
		change (class I)	Total square footage for the unit	
			should be " 110,500 " for consistency	
			with Attachment G.15.	
Attachment	TA-55-4, K13	Administrative	Change text to better reflect that the	Yes
J, Table J-1	17 33 4, 113	or informational	operating capacity identified in	105
J, TADIE J-T		change (Class 1)	Attachment A, Section A.5.3 is " 2,500	
		Change (Class I)	gal", not "3,400 gal", as stated in	
			Table J-1	
Attachmont	TA EE 10E	Typographical	Change text to better reflect that the	Voc
Attachment	TA-55-185	Typographical error (Class 1)	0	Yes
J, Table J-1			unit is located west of " TA-55-4 ", not	
Atto ob		Tura a gran in hit and	"TA-54-4", as stated in Table J-1.	Vec
Attachment	TA-55-4	Typographical	Change text to better reflect that the	Yes
J, Table J-1	Outdoor Pad	error (Class 1)	unit is located west of " TA-55-4 ", not	
D			"TA-54-4", as stated in Table J-1.	
Permit Attach	iment N			
Figure 25		Typographical	Entrance road to TA-54 should be	Yes
		error (Class 1)	corrected to "Mesita del <u>Buey Road</u> "	

Section	Paragraph	Type of Change	Proposed Change	Approved
Figure 30		Typographical	The figure has been revised to include	Yes
		error (Class 1)	Dome 48 that is located on the TA-54,	
			Area G, Pad 3 permitted unit.	
Figure 31		Typographical	The two arrows in the upper right	Yes
		error (Class 1)	hand corner have been removed as	
			they were not labeled.	

*Class 1 modifications requiring prior New Mexico Environment Department approval

³ Approved with modifications as a Class 1 requiring prior Department approval; modified to deleted the entire parenthetical as it simply repeats the first part of the bullet

 $^{\circ}$ The proposed revisions may change the requirement and are therefore not a clarification of the requirement. The Permittees have not provided an adequate discussion of the reason that the changes are needed.

⁶ Approved with modifications as a Class 1 requiring prior Department approval; the proposed revision changed the wrong "shall" to "may." Modified to change the last "shall" in Paragraph 3 to "may."

⁷ Approved with modifications as a Class 1 – Correction of typographical errors (Appendix I, A.2); modified sentence for clarification.

⁸ Approved with modifications as a Class 1 requiring prior Department approval; modified to include the Permittees' responses

⁹ The Permittees have not submitted an application to add TA-16-388 as a permitted unit, and therefore the unit is not pending permit approval.

¹⁰ The Permittees have submitted an Interim Status Closure Plan for TA-16-399, and therefore the unit is not

pending permit approval. ¹¹ Approved with modifications as a Class 1 – Correction of typographical errors (Appendix I, A.2); also modified the unit description in Attachment A, Section A.3.2, to remove the following language: "with an additional strip of asphalt added to the southeast end that measure 12 feet in width and 90 feet in length."

¹² While the proposed changes appear to increase the size of the Permitted Units, the modification is approved as a Class 1 – Administrative and informational change (Appendix I, A.1) in order to be consistent with the dimensions in other sections of the Permit.

¹ Approved as a Class 1 – Administrative and informational change (Appendix I, A.1)

² Approved with modifications as a Class 1 requiring prior Department approval; the Department did not include the phrase "that provides comprehensive environmental data collected from in and around LANL." Modified to simply state "public database."

⁴ Approved with modifications as a Class 1 requiring prior Department approval; modified to state that the coating will have chemical resistance equivalent to urethane.