

John K

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 Los Alamos Area Office, MS A316
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Hswa LANL 6/16/98

Mr. Benito Garcia
 NMED-HRMB
 P.O. Box 26110
 Santa Fe, NM 87502

Date: December 21, 1998
 Refer to: EM/ER:98-482

**SUBJECT: SUBMISSION OF THE LOS ALAMOS NATIONAL LABORATORY
 1999 INSTALLATION WORK PLAN'S APPENDIX D- FISCAL
 YEAR 1999-2003 WORK SCHEDULES**

Dear Mr. Garcia:

Enclosed is the Work Schedule for Fiscal Years 1999 through 2003 which supercedes all other related scheduling documents previously submitted. The timely approach of submitting Appendix D subsequent to the November 19, 1998 Installation Work Plan submittal was discussed with John Kieling of your staff and found to be acceptable.

This Work Schedule addresses those solid waste management units listed in Module VII of the Laboratory's Hazardous and Solid Waste Amendment Permit (NM0890010515). This schedule is substantially derived from our current baseline and reflects agreements and inputs that resulted from a presentation given to the Bureau December 7, 1998.

The Laboratory anticipates significant changes to this Work Schedule, particularly for Fiscal Years 2000 through 2003. These changes may result from a number of factors, including ecological risk concerns, budget changes, and consideration of the New Mexico Environment Department and Department of Energy priorities, as appropriate.

Should you have any questions, please contact Mr. Dave McInroy at (505) 667-0819 or Mr. Joe Mose at (505) 667-5808.

Sincerely,

Julie A. Canepa, Program Manager
 LANL/ER Project

Sincerely,

Theodore J. Taylor, Program Manager
 DOE/LAO

JC/TT/JW/gt

Enclosure: Appendix D for 1999 Installation Work Plan

Cy (w/enc.):

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D. Griswold, AL-ERD, MS A906
J. Harry, EES-5, MS M992
M. Leavitt, NMED-GWQB
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S. Rae, ESH-18, MS K497
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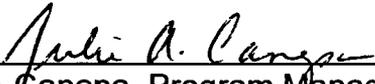
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EM/ER File, MS M992
Tracker, RM 604, MS M992

CERTIFICATION

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

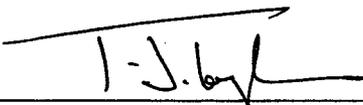
Document Title: SUBMISSION OF THE LOS ALAMOS NATIONAL LABORATORY 1999
INSTALLATION WORK PLAN'S APPENDIX D- FISCAL YEAR 1999-
2003 WORK SCHEDULES

Name: 
Julie A Canepa, Program Manager
Environmental Restoration Project
Los Alamos National Laboratory

Date: 12/23/98

or

Tom Baca, Program Director
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Name: 
Theodore J. Taylor, Program Manager
Environmental Restoration Program
DOE-Los Alamos Area Office

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or

Joseph Vozella,
Acting Assistant Area Manager of
Environmental Projects
Environment, Safety, and Health Branch
DOE-Los Alamos Area Office

**LOS ALAMOS NATIONAL LABORATORY/ENVIRONMENTAL RESTORATION
FISCAL YEAR 1999 WORK SCHEDULE***

Regulatory Deliverable	PRS Number	Unit Description	SRS Score	AP 4.5 Score	Due Date /Submittal Date
RFI Report	73-001(a)	Landfill	46	50.6	Oct-98 Complete
	73-001(b)	Surface disposal site (waste oil pit)	32	TBD	
	73-001(c)	Landfill	35	TBD	
	73-001(d)	Landfill	46	TBD	
SAP	53-006(b)	Underground tank	29	TBD	Oct-98 Complete
	53-006(c)	Underground tank	29	TBD	
	53-006(d)	Underground tank	29	TBD	
	53-006(e)	Underground tank	29	TBD	
SAP	0-017 (Hospital)	Waste Lines	36	TBD	Dec-98 Complete
RFI Report	21-015	Material disposal area (MDA B)	47	TBD	Sep-99
SAP	22-012	Decontamination Facility	56	TBD	Mar-99
	22-015(a)	Drain Lines and Dry Wells	46	34.6	
	22-015(b)	Sump and Outfall	46	8.8	
	22-015(d)	Drainline and Outfall	56	32.8	
	22-015(e)	Ind. Or San. Wastewater Treatment	56	17.5	
RFI Report	0-017 (Hospital)	Waste Line	36	TBD	May-99
RFI Report	21-017(a)	Material disposal area (MDA U)	47	TBD	Sep-99
	21-017(b)	Material disposal area (MDA U)	47	TBD	
	21-017(c)	Material disposal area (MDA U)	47	TBD	
RFI Report	49-001(b)	Material disposal area (MDA AB)	26	34.6	Sep-99
	49-001(c)	Material disposal area (MDA AB)	29	17.5	
	49-001(d)	Material disposal area (MDA AB)	29	17.5	
	49-001(g)	Material disposal area (MDA AB)	39	59.2	
		(miscellaneous)			
Phase II SAP	35-015(a)	Soil Contamination	72	3.6	Sep-99
	35-003(d-g)	Waste Water Treatment Facility	69	32.5 - 59	
	35-003(l-o)	Waste Water Treatment Facility	69	27.6 - 59	
	35-003(q)	Waste Water Treatment Facility	69	59	
	35-016(a-h)	Drains and Outfalls	53 - 65	47.2 - 96	
	35-016(l)	Storm Drain	69	64	
	35-016(n-q)	Drains and Outfalls	58 - 72	42.8 - 92	
	35-008	Surface Disposal	65	61	
	35-014(e)	Oil Spill	65	61	
	35-014(g)	Soil Contamination	72	39.8	
	RFI Report	73-004(a)	Steam cleaning plant	29	
73-004(b)		Septic tank	35	10.6	
73-005		Septic tank	35	10.6	
73-006		Surface disposal site	38	56	

* The work listed on this schedule is subject to modification

**LOS ALAMOS NATIONAL LABORATORY/ENVIRONMENTAL RESTORATION
FISCAL YEAR 2000 WORK SCHEDULE***

Regulatory Deliverable	PRS Number	Unit Description	SRS Score	AP 4.5 Score
RFI Report	11-001(a)	Firing site	61	61.8
	11-001(b)	Firing site	61	56
	11-002	Burn site	61	15.3
	11-005(a)	Septic system	26	TBD
	11-005(b)	Septic system	26	TBD
	11-005(c)	Ind. or san. Wastewater treatment.	28	TBD
	11-006(a)	Sump	61	TBD
	11-006(b)	Tank and/or assoc. equip.	61	8.8
	11-006(c)	Tank and/or assoc. equip.	61	61.8
	11-006(d)	Tank and/or assoc. equip.	61	8.8
	11-011(a)	Ind. or san. Wastewater treatment.	28	19.3
	11-011(b)	Ind. or san. Wastewater treatment.	28	19.3
	11-011(d)	Ind. or san. Wastewater treatment.	28	8.8

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LOS ALAMOS NATIONAL LABORATORY/ENVIRONMENTAL RESTORATION
FISCAL YEAR 2000 WORK SCHEDULE

Regulatory Deliverable	PRS Number	Unit Description	SRS Score	AP 4.5 Score
RFI Report	TA-54	Various	N/A	N/A
RFI Report	49-001(a)	Material disposal area (MDA AB) (experimental shafts)	29	TBD
	49-001(e)	Material disposal area (MDA AB) (experimental shafts)	29	TBD
	49-001(f)	Material disposal area (MDA AB) (experimental shafts)	29	TBD
RFI Report	50-009	Material disposal area (MDA C)	60	15.8
Work Plans	Canyons	Canon de Valle	46	TBD
	Canyons	Water Canyon	54	TBD
	Canyons	Indio Canyon	44	TBD
	Canyons	Ancho Canyon	54	TBD
	Canyons	Chaquehui Canyon	54	TBD
	Canyons	Sandia Canyon	57	TBD
	Canyons	Cañada Del Buey	56	TBD
RFI Report	42-001(a)	incinerator (former location)	None	18.3
	42-001(b)	ash storage tank (former location)	None	TBD
	42-001(c)	ash storage tank (former location)	None	TBD
	42-002(b)	Decontam. facility driveway	None	18.3
	42-003	Septic system (former location)	None	15.3
RFI Report	0-017	Waste lines	36	TBD
RFI Report	21-022(h)	Waste lines	22	27.5
RFI Report	15-007(d)	Shaft	None	15.3
	15-009(f)	Septic tank	42	3.6
	15-009(k)	Septic tank	42	TBD
RFI Report	15-009(b)	Septic System	39	88

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**LOS ALAMOS NATIONAL LABORATORY/ENVIRONMENTAL RESTORATION
FISCAL YEAR 2001 WORK SCHEDULE**

Regulatory Deliverable	PRS Number	Unit Description	SRS Score	AP 4.5 Score
RFI Report	53-002(a)	Disposal lagoon inactive (NE, NW impoundments)	67	47.8
RFI Report	53-002(b)	Disposal lagoon (active) RCRA corrective action	67	3.6
Work Plans	Canyons	Guaje Canyon	54	TBD
	Canyons	Rendija Canyon	49	TBD
	Canyons	Barrancas Canyon	44	TBD
	Canyons	Bayo Canyon	50	TBD
	Canyons	Potrillo Canyon	53	TBD
	Canyons	Fence Canyon	44	TBD
SAP	15-004(i)	Detonation ground	None	TBD
	15-007(a)	Material disposal area (MDA N) Landfill	28	3.6
	15-008(d)	Surface disposal (still active)	33	69
	15-009(b)	Septic system	39	8.8

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LOS ALAMOS NATIONAL LABORATORY/ENVIRONMENTAL RESTORATION
FISCAL YEAR 2002 WORK SCHEDULE*

Regulatory Deliverable	PRS Number	Unit Description	SRS Score	AP 4.5 Score
RFI Report	15-004(i)	Detonation ground	None	TBD
	15-008(d)	Surface disposal (still active)	33	69
RFI Report	20-001(c)	Landfill	40	TBD
RFI Report	21-018(b)	Material disposal area (MDA V)	42	15.8
RFI Report	21-022(h)	Waste lines	22	27.5
RFI Report	49-001(b)	Material disposal area (MDA AB) (experimental shafts)	26	TBD
	49-001(c)	Material disposal area (MDA AB) (experimental shafts)	29	TBD
	49-001(d)	Material disposal area (MDA AB) (experimental shafts)	29	TBD
	49-001(g)	Material disposal area (MDA AB) (miscellaneous)	39	TBD
CMS Plan	54-007(a)	Septic system (tank and seepage trench)	60	TBD
	54-007(b)	Septic system	60	TBD
	54-007(c)	Septic system	32	TBD
	54-013(b)	Material disposal area (MDA G) Disposal Pit (truck washing pit converted to Pit 19)	60	TBD
	54-014(b)	Material disposal area (MDA G) Storage pit (Pit 9, TRU waste)	60	TBD
	54-014(c)	Material disposal area (MDA G) Storage shafts (shafts 200-233)	60	TBD
	54-014(d)	Material disposal area (MDA G) Storage trenches A, B, C, D	60	TBD
	54-015(k)	Storage area (TRU waste mound)	60	TBD
	54-017	Material disposal area (MDA G) Disposal pits 16,22 (active before 11/19/80)	60	TBD
	54-018	Material disposal area (MDA G) Disposal pits 27-33,35-37 (active after 11/19/80)	60	TBD
	54-019	Material disposal area (MDA G) Disposal shafts (active before 11/19/80)	60	TBD
SAP	26-001	Surface disposal site	49	TBD
	26-002(a)	Tank and/or assoc. equip.	40	TBD
	26-002(b)	Industrial or sanitary waste water treatment.	40	TBD

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LOS ALAMOS NATIONAL LABORATORY/ENVIRONMENTAL RESTORATION
FISCAL YEAR 2003 WORK SCHEDULE

Regulatory Deliverable	PRS Number	Unit Description	SRS Score	AP 4.5 Score
RFI Report	5-001(a)	Firing Site	51	15.3
	5-001(b)	Firing Site	51	15.3
	5-002	Canyonside disposal	51	23.5
	5-004	Septic system	49	41.5
	5-005(a)	French drain	51	15.3
	5-005(b)	Outfall	51	27
	5-006(b)	Soil contamination beneath bldgs.	49	15.3
	5-006(c)	Soil contamination beneath bldgs.	49	27
	5-006(e)	Soil contamination beneath bldgs.	51	15.3
RFI Report	46-003(a)	Septic system	43	TBD
	46-003(b)	Septic system	38	TBD
	46-003(c)	Septic system	38	TBD
	46-003(e)	Septic system	38	TBD
	46-003(f)	Septic system	51	TBD
	46-003(g)	Septic system	43	TBD
	46-004(a2)	Outfall	51	30.5
	46-004(f)	Outfall	51	37.6
	46-004(r)	Outfall	51	37.6
	46-004(s)	Outfall	51	27.5
	46-004(t)	Outfall	51	68.3
	46-004(w)	Outfall	51	37.6
	46-005	Surface impoundment	31	3.6
	46-008(a)	Storage area	51	17.5
	46-008(d)	Storage area	51	10.6
	46-008(e)	Storage area	51	3.6
	46-008(f)	Storage area	51	17.5
	46-008(g)	Storage area	51	68.3
	46-009(a)	Surface disposal	51	74.5
	46-009(b)	Surface disposal	51	70
RFI Report	4-001	Firing Site	53	43.9
	4-002	Surface disposal	53	43.9
	4-003(b)	Outfall	53	51.5
RFI Report	3-012(b)	Operational release and outfall	TBD	65
	3-045(b)	Ind. or san. waste water treatment	33	65
	3-045(c)	Outfall	33	59.3
RFI Report	15-007(a)	Material disposal area (MDA N) Landfill	28	23.6
RFI Report	16-005(c)	Septic tank	38	3.6
	16-005(j)	Septic tank	36	TBD
	16-005(m)	Soil contamination area associated with former chemical pit	36	TBD
	16-023(b)	Incinerator	28	3.6
	16-024(e)	Operational facility	32	8.8
	16-025(a)	Abandoned building & appurtenances	36	3.6
	16-025(e)	Abandoned building & appurtenances	32	8.8
RFI Report	21-011(a)	Waste treatment facility	42	TBD
	21-011(b)	Sump	36	TBD
	21-011(d)	Aboveground tank	42	TBD
	21-011(e)	Aboveground tank	42	TBD
	21-011(f)	Aboveground tank	42	TBD
	RFI Report	15-004(I)	Detonation ground	TBD
CMS/CMI	TA-54	Various	TBD	TBD

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