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 cy: S. Sletten  
 ER file

**Los Alamos**  
 NATIONAL LABORATORY  
**memorandum**

Earth & Environmental Sciences Division  
 EES-13 • Nuclear Waste Management R&D

To/MS: Ted Taylor, DOE/LAAO, A316  
 Thru/MS Jim Aldrich, EES-1, D462  
 From/MS: Allyn Pratt, EES-13, J521 AP  
 Phone/FAX: 7-4308/7-1934  
 Symbol: EES-13-ER-10-93-003  
 Date: October 6, 1993

TA 35  
 2303

**Request For Approval to Begin Site Characterization**

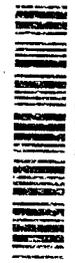
In response to the Approval Policy to Begin Field Work dated June 14, 1993, this memorandum is a request for authorization to conduct continuing site characterization field work at OU 1129. EPA comments on the RFI Work Plan for OU 1129 have been addressed and responses are being reviewed by Barbara Driscoll (EPA Region 6), whom we have been working with throughout the process. Therefore, approval of the Work Plan, minus the sampling and analysis plan addendum, is expected without additional comment resolution requirements. The EPA comments were not extensive and did not significantly change the content or technical approach of the Work Plan. Because the comments did not affect the characterizations proposed for TA-48 and TA-35, we wish to proceed with these activities. Activities are tentatively scheduled to begin at TA-48 on October 27, 1993 and will subsequently progress to TA-35 on November 3, 1993. Attached is a revised summary-level schedule for the activities through the remainder of 1993.

Please note that Aggregates S through W are included in the Work Plan addendum and have not yet been approved by DOE or reviewed by EPA.

The field investigations at TA-48 and TA-35 include the following aggregates and PRSs:

Tech Area	Aggregate	PRS
TA-48	L	48-005
	N	48-002
TA-35	D	35-003(d, l, and q)
	E	35-008
	F	35-009(a, b, c, and d)
	G	35-010(a and c)
	H	35-014(a and b)
	I	35-003(j and k)
		35-015(b)
	S	35-016(m, o, and p)
	T	35-004(a, g, and h)
		35-009(e)
35-016(a, c, d, k, l, and q)		
U	35-004(b)	
	35-014(e <sub>1</sub> , e <sub>2</sub> )	
	35-016(e, f, g, h, and i)	
V	35-004(m)	
	35-014(g <sub>1</sub> , g <sub>2</sub> and g <sub>3</sub> )	
	35-015(a)	
	35-016(b and j)	
W	35-010(d and e)	
	C-35-007	

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The estimated costs for the field investigations are:

TA-48	
ACTIVITY	COST
Analytical	\$35,234
Drilling	0
Labor	11,562
Total	\$46,796

TA-35	
ACTIVITY	COST
Analytical	\$1,127,205
Drilling	136,900
Labor	250,510
Total	\$1,514,615

The readiness review for TA-48 was completed July 8, 1993. The readiness review meeting for TA-35 was September 29, 1993, and we are currently making preparations to go to the field.

Please sign the attached approval form and return it to me. If you have any questions, please contact Rick Hutton at 672-3666. Thank you for your cooperation.

Cy:  
Rick Hutton, SAIC, J521  
Curt Thomson, LATA, M321  
Records Processing Facility, EM-13, M707  
EES-13 ER file, J521  
OU 1129 file, M321

**OU 1129 TA-48 and TA-35 Revised Site Characterization Schedule**

Name	October 24							October 31							November 7							November 14							November 21							November 28							December 5						
	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F
Prep for TA-48 Field Characterization/Mobilization	10/25						10/26																																										
TA-48 Aggregate L - surface sampling				10/27			10/27																																										
TA-48 Aggregate N - hand augering				10/28			10/28																																										
Prep for TA-35 Field Characterization/Mobilization								11/1						11/2																																			
TA-35 Aggregate H - hand augering									11/3					11/9																																			
TA-35 Aggregate I - hand augering and surface sampling														11/10						11/16																													
TA-35 Aggregate D - drilling																				11/17						11/23																							
TA-35 Aggregate F - drilling																										11/30							12/7																
Remobilization																																				12/8						12/10							

Project:  
Date: 10/6/93

**Critical**     
**Progress**     
**Summary**   
**Noncritical**     
**Milestone**     
**Rolled Up** 

## FIELD WORK APPROVAL FORM

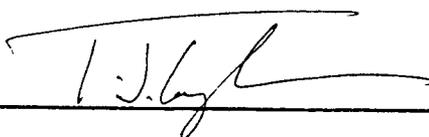
This form must be completed prior to starting site characterization field work in Operable Units that do not have an Environmental Protection Agency - approved Work Plan.

I Theodore J. Taylor, DOE/LAAO, hereby APPROVE the field work as proposed for Operable Unit 1129 and as described in the DOE - approved Work Plan.\*

I \_\_\_\_\_, DOE/LAAO, DO NOT APPROVE the field work as proposed for Operable Unit \_\_\_\_\_.

The reasons for disapproval are:

\* Approval of field activities for TA-35, Aggregates S through W is conditional. The condition is DOE-LAAO review of the work Plan Addendum by November 1, 1993. TJT

Signed: 

Date: 10-12-93

Cy: RPF, MS M707  
(PPL) MS M992