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January 4, 2006

Mr. David Cobrain
State of New Mexico Environment Department
Hazardous Waste Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303



RE: Work Assignment No. 06110.310; State of New Mexico Environment Department, Santa Fe, New Mexico; General Permit Support Contract; Sandia National Laboratories Expert Witness and General Support, Work Plan Modification, Revision 2

Dear Mr. Cobrain,

Enclosed please find an amended Work Plan for the assistance to the New Mexico Environment Department (NMED) Hazardous Waste Bureau (HWB) in providing support for Sandia National Laboratories (SNL). The amended Work Plan is based on an email from Mr. Dave Cobrain on December 9, 2005, and a follow-up conversation. The initial project included providing expert witnesses to NMED to provide testimony at an administrative hearing and at public meetings, developing two matrices for addressing and responding to public comments, and for indexing public commentors.

This modification to the work plan includes the evaluation of a fate and transport groundwater model for the Sandia Mixed Waste Landfill. An additional \$5,000 dollars has been added to the work plan to address this task. TechLaw estimates the cost for this task to be \$ 4,975.97 with an estimate of 47 hours.

If you have any questions, please feel free to contact me at (303) 763-7188.

Sincerely,

June K. Dreith
Program Manager

Enclosure

cc: Denver Files
Paige Walton, TechLaw, Inc.



AMENDED WORK PLAN

REVISION 2

**SANDIA NATIONAL LABORATORIES EXPERT WITNESS AND GENERAL
SUPPORT**

Submitted by:

**TechLaw, Inc.
560 Golden Ridge Road, Suite 130
Golden, CO 80401**

Submitted to:

**Mr. David Cobrain
State of New Mexico Environment Department
Hazardous Waste Bureau
2905 Rodeo Park Drive East
Building 1
Santa Fe, New Mexico 87505**

In response to:

Work Assignment No. 06110.310

January 2006

STATEMENT OF WORK

- (1) Provide management oversight of the project, which will include availability of the TechLaw Program Manger and TechLaw Work Assignment Manager to the New Mexico Environment Department (NMED). Conference calls, project tracking, and monthly reports are included in this task.
- (2) Specialized technical support to NMED in the area of explosives, propellants and unexploded ordnances (UXO). Two specialists have been proposed, Mr. Thomas Hall and Dr. Bill Mabey.
- (3) Provide assistance in preparing two matrices, including an index of commentors, and a public comment matrix. On the public comment matrix, TechLaw has been asked to prepare draft responses to the public comments based in part on the NMED public testimony during the Sandia Mixed Waste Landfill Hearing. All public comments and hearing testimony will be provided to TechLaw by NMED.
- (4) Provide technical assistance in the evaluation of the groundwater fate and transport model for the Sandia Mixed Waste Landfill.

Travel is included in the work plan for both specialists to provide expert witnesses to NMED for the administrative hearing. It is expected that the hearing will last 3 days.

SUBCONTRACT

No subcontractors are associated with this project.

PRIMARY INTENDED USE

The purpose of this work assignment is to provide specialized technical expertise to NMED regarding explosives, propellants and unexploded ordnances (UXO), and to provide assistance in preparing a public response matrix, a commentor matrix, and provide a draft respond to public comments.

PRIMARY REPORTS

Information regarding the status of this project will be included in monthly progress reports prepared by TechLaw. The reports will be a brief summary of project status, to include:

- Work completed to date;
- Difficulties encountered and remedial action taken;
- Anticipated activity during the subsequent reporting period;
- Funding status; and
- Issues/topics that have arisen.

QUALITY CONTROL PLAN

The TechLaw Program Manager will review all deliverables prior to providing the deliverables to the NMED. The Program Manager will also conduct milestone checks on each task outlined in the Statement of Work (SOW) and all other activities to ensure that the project is proceeding as scheduled. The Project Manager will be in constant communication with NMED to ensure task accomplishment.

STAFFING AND MANAGEMENT

Ms. June Dreith will serve as the TechLaw Program Director. Ms. Dreith is an environmental specialist with 20 years professional experience, including management of permits and other projects. Ms. Dreith will prepare both matrices, and respond to the public comments.

Ms. Paige Walton is a risk assessor who was involved in the Sandia Mixed Waste Landfill administrative hearing. She will assist Ms. Dreith with the response to comments, especially as it relates to the risk assessment comments. Ms. Walton will provide quality control (QC) on the groundwater fate and transportation model.

Mr. Thomas Hall – is an Unexploded Ordnance Expert and has over 35 years of experience in nuclear, industrial, chemical weapons, and explosive safety, including explosives and munitions manufacturing, storages, and disposal. Mr. Hall has served as a team member of the Department of Energy Environmental Management Assessment of Lawrence Livermore National Laboratories and the Integrated Safety Management Evaluation of the Nevada Test Site. He has industrial safety, high explosives safety, nuclear explosives safety, and radiation safety, risk management, waste, and occupational medicine and industrial hygiene programs while serving as the Division Manager at the Battelle Pantex Plant.

Dr. Bill Mabey – has over 29 years experience evaluating the transformation and transport of chemicals in soil, water, and air environments. His experience with chemical groups of concern includes munitions chemical warfare agents, chlorinated and hydrocarbon/fuel chemicals, a wide variety of pesticides, polychlorinated biphenyls (PCBs), chlorinated dioxins/furans, metals, and other inorganic/metalorganic chemicals. In the specific area of munitions and chemical agents, he has conducted research to understand transformation and transport processes and performed critical reviews of work plans, reports, and published literature.

Mr. James Ashworth – has over 25 years of experience in geology and hydrogeology. He has experience in evaluation of several types of fate and transport models and the use of those models. Mr. Ashworth has performed numerous reviews including Resource Conservation and Recovery Act (RCRA) part B reviews, corrective action reviews, remedial action review and closure reviews.

Ms. Christi Olin and Ms. Susan Pearson – are the Administrative Assistants for the Denver office and are experienced in project assistance and administrative and clerical responsibilities. They will be involved in providing clerical assistance, and maintain office files.

Individual staff responsibilities are shown in Attachment I, and hourly allocations are shown in Attachment II.

PERFORMANCE SCHEDULE

TechLaw shall complete the tasks in accordance with a schedule agreed upon with NMED. TechLaw is aware of the need by NMED to expedite the schedule and will work in a timely fashion and meet the schedules agreed upon. Work on the tasks will not occur until NMED agrees to the costs related to the specific tasks assignments, the schedule, and final written approval from NMED is received. NMED is aware that delay in the approval of cost may impact the final schedule provided. It is expected that much of the work will occur in the next two months.

COST ESTIMATE

The estimated cost for completing projects tasks scheduled to date is included as Attachment III.

ATTACHMENT I

STAFF RESPONSIBILITY CHART

STAFF	ROLE	AREAS OF RESPONSIBILITY
J. Dreith	Project Manager	General program oversight, monitoring of project planning and implementation, including performance of activities. Program management including tracking financial activities. Overall project management including day-to-day management of project progress, project tracking, liaison to State, including performance of activities. Prepare both matrices, respond to public comments.
P. Walton	Technical Staff	Assist in matrices; respond to public comment associate with risk assessment, and public risk. Perform QC on the fate and transport models.
J. Ashworth	Geologist	Provide assistance in the evaluation of the groundwater fate and transport model.
T. Hall	UXO Expert	Expert witness for administrative hearing, other technical support to NMED as needed.
B. Mabey	Technical Staff	Expert witness, technical research as needed by NMED.
C. Olin and Susan Pearson	Administrative Assistant	General administrative assistance.

ATTACHMENT II

STAFFING HOURLY ALLOCATIONS

	Task				
	01	02	03	04	Total
<u>Project Manager</u>					
J. Drieth	20	20	100	8	148
<u>Staff</u>					
T. Hall		60			60
B. Mabey		60			60
P. Walton			80	6	86
J. Ashworth				33	33
<u>Administrative Assistant</u>					
C. Olin	4	4	16		32
S. Pearson	4		4		8
TOTAL	28	144	200	46	419

ATTACHMENT III

COST ESTIMATE

NAME	P-LEVEL	HOURS	COST
J. Dreith	R-4	148	\$17,327.84
P. Walton	R-4	86	8,723.84
B. Mabey	R-4	60	7,024.80
T. Hall	R-4	60	6,086.40
J. Ashworth	R-4	33	3,347.52
C. Olin	T-1	32	1,355.52
S. Pearson		8	294.48
Total Labor			\$ 44,160.40
Other Direct Costs:			
Reproduction (2,100 Copies @ .08/each)		\$210.00	
Telephone (330 Minutes @ .20/each)		66.00	
Telephone-Conference Calls (3 Calls @ 150/each)		750.00	
Computer (164 DL hours @ 1.07/each)		455.82	
Postage/Shipping (50 Lbs. @ 3.99/pound)		303.25	
Total Other Direct Costs			\$1,799.20
Travel Cost:			
Little Rock/Sante Fe (1 person, 3 days)			
Airfare		\$1,600.00	
Hotel		300.00	
Meals		150.00	
Rental Car		167.00	
Mileage & Parking		60.00	
Subtotal		\$2,277.00	
Philly/Sante Fe (1 person, 3 days)			
Airfare		\$1,600.00	
Hotel		300.00	
Meals		150.00	
Rental Car		167.00	
Mileage & Parking		60.00	
Subtotal		\$2,277.00	
Total Travel Costs:			\$
Total Estimated Costs Including Fee			\$50,513.42