



General

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June 21, 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. 06280.100; State of New Mexico Environment Department, Santa Fe, New Mexico; General Permit Support Contract; Los Alamos National Laboratory Site (LANL); General Human Health and Ecological Risk Assessment Support, Work Plan, Revision 0.

Dear Mr. Cobrain,

Enclosed please find the newly issued work plan for the above referenced work assignment to assist The New Mexico Environment Department (NMED), Hazardous Waste Bureau (HWB) in providing general human health and ecological risk assessment support specific to the Los Alamos National Laboratory (LANL) site. The work plan is being issued at the start of the July 1, 2006 new contract.

Based on previous experience, there are two broad technical tasks which have been proposed for the work plan. The first is the technical evaluation of human health and ecological risk assessments, and the second is attending meetings in Santa Fe, New Mexico for the RACER meeting.

If you have any questions, please feel free to contact me at (303) 464-6525.

Sincerely,

June K. Dreith
Program Manager

Enclosure

cc: Mr. John Kieling, NMED HWB
Ms. Paige Walton, TechLaw
Techlaw Files
Dallas Files



WORK PLAN

**LOS ALAMOS NATIONAL LABORATORY SITE (LANL)
GENERAL HUMAN HEALTH AND ECOLOGICAL RISK
ASSESSMENT SUPPORT**

Submitted by:

**TechLaw, Inc.
3920 West 98th Place
Westminster, CO 80031**

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. 06280.100

June, 2006

INTRODUCTION

The New Mexico Environment Department, Hazardous Waste Bureau (NMED HWB) requested assistance from TechLaw, Inc. (TechLaw) in providing human health and ecologist risk assessment support specific to the LANL site. The scope of work is to include general support in the review and evaluation of human health and ecological risk assessments, evaluate the facility's responses to NMED comments, attendance of conference calls/meetings at the NMED HWB offices, and attend RACER meeting. This Work Plan presents the technical approach, task descriptions, progress reports, quality control, staffing and management, subcontracting, performance evaluation criteria, and cost estimate.

TECHNICAL APPROACH

The scope of work for this Work Plan addresses general risk assessment support. The technical approach for the task is discussed below.

General Risk Assessment Support

TechLaw will review and evaluate various human health and ecological risks assessments and evaluate LANL's responses to comments regarding the various risk assessments, for the NMED. The risk assessments may address both chemical and radiological constituents. The reviews will be completed using State of New Mexico guidance documents and other applicable Environmental Protection Agency (EPA) risk assessment guidance. In the event that any issues arise in the review of site-specific risk assessments, TechLaw will consult and coordinate with the NMED project manager in resolving these issues. TechLaw shall provide written comments (electronic and hard copy) from review and evaluation of risk assessments, which may address both human health and ecological receptors. NMED shall review the comments and TechLaw will provide clarifications and/or revisions if needed. TechLaw shall participate in conference calls as needed to discuss and resolve comments. In addition, TechLaw will attend any meetings to address technical issues including RACER meetings, public hearing, etc.

PROJECTS AND TASKS

Task 01 – Project Management

Provide management oversight of the project, which will include availability of the TechLaw Program Manager and TechLaw Work Assignment to NMED. Conference calls, project tracking, and monthly reports are included in this task.

Task 02 – General Risk Assessment Support

Perform technical review of ecological and human health risk assessments for LANL, draft comments; and evaluation of facility's response to comments. Includes participation in all conference calls.

Task 03 – Meetings

Attend meetings. This task includes travel to Santa Fe, New Mexico. Such meetings, for example, will include the RACER meetings with NMED and Los Alamos National Laboratory (LANL). TechLaw will attend meetings, provide technical input, draft technical evaluation papers (if requested by NMED), and draft meeting notes (if requested).

Task 04 – QC of Deliverables

All final deliverables will have a senior level person conduct a quality control review.

SUBCONTRACT

No subcontractors are associated with this project.

PROGRESS 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 Project Manager will review all deliverables prior to providing the deliverables to the NMED. In addition, each deliverable will undergo independent QA/QC so that the highest quality deliverable is provided to NMED. The Project Manager will also conduct milestone checks on each task outlined in the 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 is the TechLaw Program Manager for the State of New Mexico general permit support contract. Ms. Dreith is an environmental specialist with 20 years professional experience, including management of permit application reviews and other projects.

Ms. Paige Walton will serve as Technical Lead. Ms. Walton is a geologist with ten years experience in human health and ecological risk and dose assessments, RCRA corrective action, permitting, geology/hydrology and radiological decontamination and decommissioning.

Ms. Helen Sellers is an environmental specialist with over 13 years experience with conducting and reviewing human health risk assessments. Ms. Sellers has provided support in developing risk assessment guidance. Ms. Sellers will provide backup support for QA/QC of the human health risk assessments, as needed.

Ms. Karmen King is an environmental toxicologist having 17 years of experience in environmental consulting with experience in project and task management, abandoned mine land investigations, ecological risk assessment, and aquatic toxicology with the last 7 years devoted to teaching. Ms. King will be involved in both the evaluations and QA/QC of human health and ecological risk assessment.

Ms. Christi Olin is an Administrative Assistant in the Denver office and has over 15 years experience in project assistance, and administrative and clerical responsibilities.

Ms. Susan Pearson is an Administrative Assistant in the Denver office and has over 10 years of experience in administrative and clerical responsibilities. She will be involved in the Denver office files.

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

PERFORMANCE SCHEDULE

Unless an alternate schedule is provided or requested by either NMED or TechLaw, comments shall be provided within 30 days of TechLaw's receipt of documents.

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/Work Assignment Manager	General program oversight, monitoring of project planning and implementation, including performance of activities. Overall project management including day-to-day management of project progress, project tracking, liaison to State, including performance of activities.
P. Walton	Technical Staff	Review of human health and ecological risk assessments.
H. Sellers	Technical Staff	Technical review and quality control reviews of human health risk assessment.
K. King	Technical Staff/ Quality Control	Technical review and quality control reviews of ecological risk assessment. Quality control reviews of human health risk assessments.
C. Olin	Administrative Assistant	Project assistance and general administrative assistance.
S. Pearson	Clerical	Project assistance and clerical responsibilities.

ATTACHMENT II

STAFFING HOURLY ALLOCATIONS

<u>Name</u>	<u>1</u>	<u>02</u>	<u>03</u>	<u>04</u>	<u>Total</u>
<u>Project Manager/ Work Assignment</u>					
J. Dreith	60	--	--	--	60
<u>Technical Staff</u>					
P. Walton (Technical Lead/Risk)	--	100	60	16	176
H. Sellers (Human Health Risk)	--	--	--	16	16
K. King (Ecological Risk)	--	100	30	20	150
<u>Clerical/Administrative Staff</u>					
S. Pearson	20	--	--	--	20
C. Olin	24	--	--	--	24
TOTAL	<u>104</u>	<u>200</u>	<u>90</u>	<u>52</u>	<u>446</u>

ATTACHMENT III

COST ESTIMATE

NAME	P-LEVEL	HOURS	COST
J. Dreith	R-4	60	\$ 7,287.00
P. Walton	T-3	176	18,406.08
H. Sellers	R-3	16	1,491.36
K. King	T-3	150	13,236.00
C. Olin	T-1	24	1,321.20
S. Pearson	C	20	797.20
Total Labor			\$ 42,538.84
Other Direct Costs:			
Reproduction (500 Copies @ .08/each)		\$ 40.00	
Telephone (1,000 Minutes @ .20/each)		200.00	
Telephone-Conference Calls (5 Call @ 150/ea.)		750.00	
Computer (516 DL hours @ 1.07/each)		476.15	
Postage/Shipping (200 Lbs. @ 3.99/pound)		798.00	
Total Other Direct Costs			\$ 2,264.15
Travel Cost:			
Salt Lake City/Santa Fe (1 person, 3 days -3 trips/one day each)			
Airfare (\$500/trip)		\$ 1,7400.00	
Hotel (\$100/trip/day)		348.00	
Meals (\$35/trip/day)		121.80	
Rental Car (\$167/trip)		581.16	
Mileage & Parking (\$60/trip)		60.00	
Total Travel Costs:			\$ 2,999.76
Total Estimated Costs Including Fee			\$ 47,802.75