

# Bosque and Leon Rivers Watershed Study - Planning Schedule

i	Task Name	2001		Qtr 2, 2001			Qtr 3, 2001			Qtr 4, 2001			Qtr 1, 2002			Qtr 2, 2002			Qtr 3, 2002			Qtr 4, 2002			Qtr 1, 2003		
		Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
	<b><u>MONTGOMERY WATSON HARZA</u></b>																										
	<b>TASK 1 - COMMUNITY RELATIONS PLAN</b>																										
	Order Regulatory Database Search																										
	Obtain a Copy of PR examples from USACE and BRA																										
	Project Planning and Questionnaire Prep																										
	Submit Draft Interview Questionnaire Form																										
	Review and Approval of Interview Questionnaire Form by USACE and BRA																										
	Finalize Interview Questionnaire Form																										
	Interview Residents and Community Leaders																										
	Prepare Draft Community Relations Plan																										
	Review Draft Community Relations Plan																										
	Incorporate Comments and Prepare Draft Final CRP																										
	Additional, Client-requested Review																										
	Finalize CRP																										
	Prepare Final Public Information Webpage																										
	Prepare Storyboards for Congressional Meetings in Washington DC																										
	Federal Briefing, Washington, D.C.																										
	Update Public Information Webpage																										
	Produce News Release																										
	Initial Public Information / Public Education Briefing																										
	Stakeholder Presentation (1) - Waco Area																										
	Stakeholder Presentation (2) - Waco Area																										
	Stakeholder Presentation (3) - Waco Area																										
	Develop Public Education Pieces (1)																										
	Develop Public Education Pieces (2)																										

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State/Local Elected Official Briefing																										
<b>TASK 2 - COMPILE EXISTING INFORMATION TO CHARACTERIZE BACKGROUND CONDITIONS</b>																										
Determine Final List of Information Review Sources																										
Select Location of Data Repository																										
Coordinate and Assign Sources to be Collected by MW, BRA, and USACE																										
Compile, Summarize, and Review Existing Information (Complete within 180 days of NTP 4/3/01)																										
USACE and BRA Data Collection																										
Prepare a Draft Bibliographic Summary of Compiled Data																										
Provide Two Electronic Copies of Bibliography to BRA and USACE																										
<b>TASK 3 - DEVELOP CONCEPTUAL MODEL</b>																										
Describe Current Hydrological and Groundwater Conditions																										
Prepare Water Budget for Lakes Belton and Waco Watersheds																										
Team Coordination with Texas Tech																										
Describe Current Understanding of Perchlorate Fate and Transport																										
Identify Preliminary Migration Pathways																										
Identify Preliminary Exposure Pathways and Human/Ecological Receptors																										
Identify Data Gaps for Field Data Collection Program																										
Prepare and Submit Draft CSM Technical Memorandum No. 1 (due 30 days before final is due)																										
Revise Draft CSM																										
Finalize Technical Memorandum following Review and Comment 275 days from NTP (4/3/01)																										
<b>TASK 4 - PROJECT REPORTING</b>																										
Prepare Meeting Minutes - Texas Tech Meeting																										
Setup Project Files																										
Prepare and Distribute Monthly Progress Report																										
Prepare for and Attend Bi-Monthly Project Team Meeting																										

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🔄	Prepare and Distribute Meeting Minutes					◆			◆			◆															
	<b><u>TEXAS TECH UNIVERSITY</u></b>																										
	<b>TASKS 1 &amp; 2 - ANALYSIS OF FIELD AND LABORATORY SAMPLES FOR PERCHLORATE</b>																										
📅	Field Collected Samples																										
📅	Laboratory Samples																										
	<b>TASK 3 - ASSESS IMPACTS OF SURFACE WATER ON AMPHIBIAN DEVELOPMENT</b>																										
📅	Thyroid Function Analysis																										
📅	Amphibian Development Assays																										
	<b>TASK 4- ASSESS IMPACTS OF SURFACE WATER ON FISH DEVELOPMENT</b>																										
📅	Perchlorate Uptake into Fish																										
📅	Fish Fecundity Studies																										
	<b>TASK 5 - EVALUATE SPATIAL DISTRIBUTION OF PERCHLORATE EXPOSURE</b>																										
📅	Identifying Areas and Obtaining Access																										
📅	Collect Specimens for Analytical Evaluation of Residues																										
📅	Data Review, Spatial Distribution Assessment, Report Generation																										
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	<b>TASK 6 - ASSESS THE IMPACTS OF PERCHLORATE ON EXPOSED ORGANISMS</b>																										
📅	Collect Samples for Biomarker Evaluation																										
📅	Evaluate Morphometric, Thyroid Hormones and Survival Endpoints																										
📅	Data Review, Effects Assessment , Report Generation																										
📅	Data Review, Effects Assessment, Report Generation																										
	<b>TASK 7- PREDICT LONG - TERM EXPOSURE AND EFFECTS OF PERCHLORATE</b>																										
📅	Map Waco and Belton Watersheds																										
📅	Obtain Model Parameters for Food Chains																										

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	Calibrate Models using Data from Field and Lab																										
	Develop Initial Exposure Scenarios and Run Simulations																										
	Test Models by Comparing Output with Latest Data																										
	Run Final Simualtion Experiments																										