

**EVALUATING WATER QUALITY BEST MANAGEMENT PRACTICES FOR RESERVOIRS IN NORTH CENTRAL TEXAS (EPA)
SCHEDULE OF DELIVERABLES AND STATUS/ACTIVITY REPORT SPREADSHEET (1/7/04)**

Obj.	Task	Deliverable	Due Dates	Status	Comments
1	SWAT Modeling	1. Complete model calibration and validation for Cedar Creek	1/1/04	80% Complete	SWAT Model has been calibrated for flow and sediment. Work is ongoing to calibrate the model for nutrients.
		2. Development of Watershed databases	4/1/04		
		3. Development and Evaluation of different BMP strategies for Cedar Creek Watershed	7/1/04		
		4. Calibration and validation for Eagle Mountain Watershed	1/1/05		
		5. Development and evaluation of different BMP strategies for Eagle Mountain Watershed	9/1/05		
		6. Development of ArcGIS/ArcHydro interface for SWAT and WASP	9/1/05		
		7. Development of interface for using NEXRAD weather information into SWAT	9/1/05		
2	In-stream and Reservoir Modeling	1. Development of In-stream modeling (QUAL2E) for Cedar Creek Watershed	4/1/04	50% Complete	Espey Consulting is currently working on calibration of QUAL2E using data from Tarrant Regional Water District attenuation studies. Once complete, input parameters from the QUAL2E model will be input into the SWAT model.
		2. Development of reservoir modeling (WASP 6.1) for Cedar Creek Reservoir	10/1/04	20% Complete	Work has begun to calibrate the WASP model using input data from both QUAL2E and SWAT Models. QUAL2E files will be input into the SWAT model. SWAT output files will then be converted to WASP input format. Espey will input the files into WASP and complete WASP calibration.
		3. Development and evaluation of different BMP strategies for Cedar Creek Reservoir	10/1/04		
		4. Data collection for reservoir modeling (WASP 6.1) for Eagle Mountain	1/1/05		
		5. Development of reservoir modeling (WASP 6.1) for Eagle Mountain Watershed	7/1/05		
		6. Development and evaluation of different BMP strategies for Eagle Mountain Watershed	9/1/05		
3	Study of Wastewater Treatment	1. Development of database for wastewater treatment plants in Cedar Creek and Eagle Mountain Watersheds	7/1/04		

	Plants	2. Assessment of impact of wastewater treatment plants (point source discharges) for Cedar Creek and Eagle Mountain Reservoirs	10/1/04		
		3. Development of database for wastewater treatment plants in the Richland Chambers Watershed	4/1/05		
		4. Assessment of impact of wastewater treatment plants (point source discharges) for Richland Chambers Reservoir	7/1/05		
4	Administration	1. Write QAPP	12/1/03	Complete	Submitted to EPA 11/18/03 Approval letter received from EPA 1/5/04
		2. Quarterly progress reports	1/7/04 4/7/04 7/7/04 10/7/04 1/7/05 4/7/05 7/7/05	Complete	Submitted to EPA 1/9/04
		3. Final report	10/7/05		