

LTRMP Milestones

FY 2001, Second Quarter

Milestone	Target date in SOW	Alloc.	Current Status	1st quarter	2nd quarter	3rd quarter	4th quarter
MONITORING AND ANALYSIS							
Aquatic Vegetation Component		832.9					
Complete year 2000 aquatic vegetation data quality checking and entry into the LTRMP database.	29-Dec-2000		Completed	Completed			
Complete statistical analyses of 2000 aquatic vegetation data.	30-Mar-2001				Completed		
Complete Draft YR2000 aquatic vegetation monitoring section of LTRMP YR2000 monitoring summary report.	30-Apr-2001						
Complete Final YR2000 aquatic vegetation monitoring section of LTRMP YR2000 monitoring summary report.	30-May-2001				Completed		
Complete SAV stratified random sampling.	31-Jul-2001						
Complete adding annual increment to database of river discharge and elevation.	30-Sep-2001						
Fisheries Component		1421.1					
Complete the third FY 2000 fish sampling effort (September 16 - October 31, 2000)	01-Nov-2000		Completed	Completed			
Complete 2000 fish data quality checking and entry into the LTRMP database.	01-Feb-2001		In Progress	75% complete	98% complete		
Complete summary statistics and statistical analyses of 2000 fish data.	31-Mar-2001				Completed		
Decision date to determine fisheries sampling protocol for FY01.	March 2001		On schedule		On schedule		
Complete Draft FY2000 fish monitoring section of LTRMP 2000 monitoring summary report.	30-May-2001		On schedule		50% complete		
Complete the first fish-sampling effort for FY01.	31-Jul-2001						
Complete the second fish-sampling effort for FY01.	15-Sep-2001						
Macroinvertebrate Component		217.6					
Complete year 2000 macroinvertebrate data quality checking, calculate summary statistics, enter data into LTRMP database.	31-Jan-2001		Completed	Completed	Completed		
Complete statistical analyses of 2000 macroinvertebrate data.	31-Mar-2001		In progress	80% complete	Completed		
Complete draft 2000 macroinvertebrate annual status report and monitoring section of LTRMP 2000 monitoring summary report.	30-Apr-2001		In progress	50% complete			
Complete macroinvertebrate sampling efforts in each LTRMP study area.	31-Jul-2001						

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Water Quality Component		1639.4					
Complete fall stratified random sampling episode at each of the six LTRMP field stations.	22-Oct-2000		Completed On Schedule	Completed			
Complete year of 2000 water quality sampling at 2-week intervals.	31-Dec-2000		Completed On Schedule	Completed			
Complete winter stratified random sampling episode at each of the six LTRMP field stations.	15-Feb-2001		Planning & Prep. Underway		Completed		
Complete error checking of 2000 water quality laboratory analyses.	31-Mar-2001				Completed		
Complete year 2000 water quality field data checking and entry to LTRMP database for fixed site sampling and SRS.	30-Apr-2001						
Complete spring stratified random sampling episode at each of the six LTRMP field stations.	15-May-2001						
Complete transfer of year 2000 analytical data from laboratory database to LTRMP database.	30-May-2001						
Complete YR2000 water quality section of the YR2000 LTRMP monitoring summary report.	30-Jun-2001						
Complete summer stratified random sampling episode at each of the LTRMP field stations.	15-Aug-2001						
Complete the LTRMP water quality Procedures Manual.	28-Sep-2001		Final revisions in progress				
Publish six data reports presenting detailed water-quality data for each of the six study areas during the years 1997-1999, on the UMESC web site.	28-Sep-2001						
Annual LTRMP Monitoring Summary Report		86.1					
Final Report complete, distributed.	30-Sep-2001						
Fishery Resources of Deep Channels of the UMRS		136					
Evaluate the relative merits and efficacy of forward-scanning sonar, videography, and flume studies for estimation of the fraction of fish that escape capture by the trawl per Objective 1. Conduct a literature search and report findings in a quarterly progress report.	31-May-2001		In progress	10% complete	20% complete		
Evaluate alternatives for probability-based sampling designs for system-wide trawl surveys and report recommendations. Design study of comparison of matched segments of navigation channel, secondary channel, and main channel border to assess potential consequences of chronic disturbance. Report findings in a progress report.	29-Jun-2001		In progress	10% complete	40% complete		

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Statistical Evaluation of Monitoring Data		100					
Status report of the types of analyses and likely applications for various LTRMP components.	03-Mar-2001				Completed		
Draft annual progress report of accomplishments, findings, and interpretations, including recommendations concerning the LTRMP sampling framework.	28-Sep-2001						
Bathymetric Mapping for HREP Projects and Analytical Support for HREP Projects and Pool-wide Planning.		300					
Complete prioritization of HREP bathymetry support.	29-Dec-2000		Completed	In progress, awaiting input from USACE districts (30% complete)	Completed, but will alter in response to urgent needs of EMP partners		
Complete strategic plan for collection and compilation of systemic bathymetry.	26-Jan-2001		Completed	In progress, details completed upon selection of contractor (50% complete)	Plans for FY2001 pool-wide mapping are complete. Contract should be awarded before April, 2001.		
Initiate bathymetry acquisition in support of HREP.	01-Apr-2001				Survey set-ups completed for HREP survey sites.		
Complete bathymetric surveys that were requested.	31-Aug-2001						
Complete update of the UMESC bathymetry web pages.	29-Sep-2001		In progress	In progress, data assembled for metadata			
APPLIED RESEARCH: LANDSCAPE & HABITAT ANALYSES							
Year 2000 Land Cover/Land Use and Aquatic Areas GIS Database		216					
Complete georeferenced photo mosaics of LTRMP key pools.	28-Feb-2001		In progress	90% complete	Completed		
Complete 2000 databases for UMR Pool 8 and La Grange Pool.	31-Mar-2001		In progress	40% complete	95% Complete		
Complete 2000 databases for UMR Pool 26 and southern Open River.	30-Jun-2001		In progress	20% complete	20% complete		
Complete 2000 databases for UMR Pools 4 and 13.	31-Aug-2001						
Investigation of Remote Sensing Technology for Land Cover Acquisition		80					
Literature review and study area interpretation will be completed.	31-Jan-2001		In progress	95% complete	Completed		
The comparison and assessment of the IKONOS satellite imagery will be completed.	31-May-2001		In progress		10% complete		
Project status report on the IKONOS classification.	30-Jun-2001						
Acquisition of AISA hyperspectral imagery.	30-Sep-2001				Awaiting estimate from contractor.		
The comparison and assessment of the AISA hyperspectral imagery.	31-Dec-2001						
Project status report on the AISA classification.	31-Jan-2002						
Final Report with recommendations.	28-Feb-2002						

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APPLIED RESEARCH: INTEGRATED ANALYSIS							
Numerical and statistical Modeling of Aquatic Plant Biomass		100					
Status report of FY00 accomplishments	29-Dec-2000		Completed	Draft report has been submitted to management for review.			
Two technical draft reports on results of statistical model development and numeric model results.	30-Jun-2001						
Final technical reports as specified above will be completed and manuscripts prepared for internal peer review.	29-Sep-2001						
Integrated Analysis of Fish Monitoring Data							
		144.9					
Submit recommendation and justification for FY01 fish sampling protocol.	March 2001		In progress	80% complete	Complete - analytical results posted to the web		
Complete draft annual progress report for USGS review.	15-Aug-2001						
Complete draft project status report.	28-Sep-2001						
OVER-TARGET PROJECTS							
HNA Models and Tools							
		150					
Project status report on HNA validation	31-May-2001						
Complete porting of the Query Tool to Visual Basic	30-Sep-2001		In progress		10% completed		
Bathymetric Mapping of the UMRS							
		300					
Complete bathymetric surveys	31-Aug-2001						
Complete update of the UMESC bathymetry web pages	29-Sep-2001						
Monitor Sedimentation and Erosion Along Transects in UMRS Backwater Areas							
		50					
Complete winter surveys	28-Feb-2001		Completed		Completed		
Complete summer surveys	31-Jul-2001						
Complete update of database and web pages	29-Sep-2001						
Year 2000 Land Cover/Land Use and Aquatic Areas GIS Database, Task B: Year 2000 Non-Key Pool Photo Mosaics							
		25					
Complete georeferenced photo mosaics for one-half of the LTRMP non-key pools	31-Jul-2001		In progress		10% completed		

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Year 2000 Land Cover/Land Use and Aquatic Areas GIS Database, Task D: Year 2000 LCU GIS Database for the Alton and Peoria Pools of the Illinois Waterway		250					
Complete photointerpretation for Alton Pool	30-Jun-2001				Contract for photointerpretation work should be awarded in April 2001		
Complete photointerpretation for Peoria Pool	31-Aug-2001				Contract for photointerpretation work should be awarded in April 2001		
Year 2000 LCU and Georeferenced Aerial Photography for HREP Project Areas		25					
Complete photo mosaics, LCU datasets, and reports for HREPs that fall within Pools 5-12	31-Aug-2001						
Restoration of Funding for LTRMP-Base Projects							
<i>Numerical and Statistical Modeling of Aquatic Plant Biomass</i>		30					
<i>Special Salary Rates for LTRMP Computer Specialist</i>		25					
<i>Fishery Resources of Deep Channels</i>		20					
Begin data collection	01-Jun-2001						
<i>Geospatial and Computer Support to Science</i>		40					
<i>Statistical Evaluation of Monitoring Data</i>		35					
Submit summary report of findings	31-Aug-2001						

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