



United States
Department of
Agriculture

Forest
Service

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Route To:

Subject: Aquatic Organism Passage project; new GIS product

To: Nick Schmal, Regional Fisheries Biologist, Region 9

The Eastern Region Regional Office funded the Southern Research Station, Center for Aquatic Technology Transfer (CATT) to complete aquatic organism passage (AOP) inventories on the Mark Twain National Forest in summer 2010. The field work portion of the project is complete and we are releasing products as they are completed.

The enclosed DVD contains GIS and database products that summarize the AOP inventory results for nearly 5000 sites visited by our crew and over 250 additional sites visited previously by Gonzalo Mendez (Northern Research Station). In total, crews visited 5235 road-stream crossing sites and completed formal passage inventories at 898 sites.

The GIS product displays the location, site characteristics, and where applicable, the passage results for each road-stream crossing we visited. In addition, it contains hyperlinks to site photos for quick visual reference. The database product stores all of the data collected at each site visited. The attached instruction sheet provides additional details regarding the use of each product.

In addition to the products described above we are continuing work to incorporate the AOP results into a decision support system (CADSS). Our partners at the Conservation Management Institute (Virginia Tech) are currently programming CADSS to incorporate among and within watershed prioritizations based on fish species distributions.

Please do not hesitate to contact me at 540-231-0078 if you have any questions regarding this project, or if you require additional AOP surveys. We look forward to working with you again soon.

Sincerely,

CRAIG N. ROGHAIR
FISHERY BIOLOGIST

Enclosure

cc: Larry Furniss, Mark Twain National Forest, Fishery Biologist, C. Andrew Dolloff, Team Leader

