

Report for 2001DE3701B: Program and Administration

There are no reported publications resulting from this project.

Report Follows:

Description of Delaware Water Resources Center
Program Management and Administration
March 1, 2001 through February 28, 2002 (FY01)

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2. Administrative Personnel:
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3. Budget Breakdown: see next page.

Delaware Water Resources FY01 Budget
 March 1, 2001 to February 28, 2002
 Revised June 1, 2001

	DOI	Matching	Total
	Funds	Funds	Funds
Professional Salaries:			
Director (Sims 5%)		5,000	5,000
Director (Nye 1%)		930	930
Research Assoc. Pautler (5%)		1,990	1,990
Research Assoc. Gartley (5%)		2,334	2,334
Research Assoc. Olsen (5%)		1,900	1,900
Other Wages			
Misc. Wage			
Coordinator Greene/Boyd	6,000		6,000
Total Salaries	6,000	12,154	18,154
Professional Fringe Benefits 27.5%		3,342	3,342
Other Wage Fringe Benefits 7.7%	462		462
Total Fringe Benefits	462	3,342	3,804
Total Salary & Fringe Benefits	6,462	15,496	21,958
Supplies	2,359		2,359
Travel	750		750
Water Resources Conference	2,000		2,000
Undergrad Internships	15,750	20,877	36,627
Other Costs – Competitive Projects			
Project Directors		25,107	25,107
Fringe Benefits		6,948	6,948
3 graduate students	36,000		36,000
Tuition		40,527	40,527
Travel	9,000		9,000
Supplies	3,000		3,000
Total Direct	75,321	108,955	184,276
Indirect Cost on Match @ 29% (Except Tuition)		19,844	19,844
Waived indirect on Federal Funds		21,843	21,843
Total Budget	75,321	150,642	255,963

4. Abstract of Program and Management Overview:

The Delaware Water Resources Center (DWRC) research, education and information transfer programs focus on issues of state and regional importance to both water quality and water quantity. Long-term priority areas of the DWRC have included nonpoint source pollution of ground and surface waters, development of ground water supplies, the impact of hydrologic extremes on water supply, and socio-economic factors affecting water supply and (continued)

Abstract of Program and Management Overview (continued)

water quality. In 2000, the 16-member DWRC Advisory Panel identified five specific areas for near-term DWRC efforts: (1) Agricultural nutrient management and water quality; (2) Basic and applied research on sources, fate, and transport of water pollutants; (3) Quantifying response of aquatic ecosystems to pollutant inputs; (4) Water supply, demand, and conservation, as affected by changing land uses in Delaware and the mid-Atlantic states; and (5) Management and control of stormwater runoff. The FY2001DWRC research program will address these issues by supporting graduate fellowships in water quality (3), an undergraduate student internship program, and a statewide Water Resources Conference.

Three fellowships have been awarded for 2001-2002, based on a review of proposals submitted by potential graduate fellows and their advisors to the DWRC Advisory Panel:

a) On the Use of Nuclear Magnetic Resonance Spectroscopy to Determine Chemical Forms of Phosphorus in Soils: Implications for Phosphorus Mobility and Bioavailability

Graduate Fellow: Stefan Hunger; Advisor: D. L. Sparks, Department of Plant and Soil Sciences, College of Agriculture and Natural Resources, University of Delaware

b) Land Use/Land Cover and Nutrient Discharges to Delaware's Inland Bays

Graduate Fellow: Jennifer Jennings; Advisors: J. R. Scudlark, and W. J. Ullman, College of Marine Studies, University of Delaware

c) Environmental Policies for a Sustainable Poultry Industry in Sussex County, Delaware

Graduate Fellow: Lynette Ward; Advisors: William Ritter, Department of Bioresources Engineering and John Byrne, and Young-Doo Wang, Center for Energy & Environmental Policy, University of Delaware.