



DEPARTMENT OF AGRICULTURE

AGENCY PURPOSE

To foster agriculture by:

- Developing, promoting, and regulating agricultural businesses.
- Protecting agricultural and aquacultural resources.
- Enforcing laws pertaining to the humane treatment of domestic animals.

RECOMMENDED ADJUSTMENTS

Reductions

- Eliminate Grant to the CT Seafood Advisory Council -47,500
- Eliminate Grant to the Food Council -25,000

Technical Adjustments

- Centralize Business Operations -329,560
Per Sections 60 (c) and 60 (d) of PA 05-251, the Department of Administrative Services has consolidated personnel, payroll, affirmative action and business office functions for certain state agencies into the department.
- Transfer Salary Adjustment Funds for Settled Bargaining Units 154,488
Necessary funding is transferred from the central Reserve for Salary Adjustment account to agency budgets.
- Provide Funds for Increased Energy Costs 21,364
- Transfer Applicable Attorney Costs -50,000
Fund from the Land Protection, Affordable Housing and Historic Preservation account that portion of the agency's attorney salary attributable to it.

2006-2007

AGENCY SUMMARY

	2004-2005	2005-2006	2006-2007	2006-2007	2006-2007
<i>Personnel Summary</i>	Authorized	Estimated	Appropriated	Net	Revised
				Adjustments	Recommended
<u>Permanent Full-Time Positions</u>					
General Fund	58	53	58	-5	53
Regional Market Operation Fund	9	8	8	0	8
<i>Financial Summary</i>	2004-2005	2005-2006	2006-2007	2006-2007	2006-2007
	Actual	Estimated	Appropriated	Net	Revised
				Adjustments	Recommended
Personal Services	3,354,858	3,399,206	3,796,868	-225,072	3,571,796
Other Expenses	695,322	758,213	747,032	21,364	768,396
<u>Capital Outlay</u>					
Equipment	23,500	100	100	0	100
<u>Other Current Expenses</u>					
Oyster Program	93,575	93,575	93,575	0	93,575
CT Seafood Advisory Council	47,106	47,500	47,500	-47,500	0
Food Council	21,748	25,000	25,000	-25,000	0
Vibrio Bacterium Program	0	10,000	10,000	0	10,000
Connecticut Wine Council	47,500	0	0	0	0
TOTAL - Other Current Expenses	209,929	176,075	176,075	-72,500	103,575
<u>Pmts to Other Than Govts</u>					
WIC Pgm for Fresh Produce for Seniors	86,058	88,267	88,267	0	88,267
Collection of Agricultural Statistics	0	1,200	1,200	0	1,200
Tuberculosis and Brucellosis Indemnity	0	1,000	1,000	0	1,000
Exhibits and Demonstrations	1,161	5,600	5,600	0	5,600

Budget Summary

Connecticut Grown Product Promotion	14,999	15,000	15,000	0	15,000
WIC Coupon Program for Fresh Produce	107,478	84,090	84,090	0	84,090
TOTAL - Pmts to Other Than Govts	<u>209,696</u>	<u>195,157</u>	<u>195,157</u>	<u>0</u>	<u>195,157</u>
TOTAL - General Fund	4,493,305	4,528,751	4,915,232	-276,208	4,639,024
Personal Services	393,604	382,598	387,250	0	387,250
Other Expenses	187,104	173,539	173,539	0	173,539
<u>Capital Outlay</u>					
Equipment	12,805	35,000	25,000	0	25,000
<u>Other Current Expenses</u>					
Fringe Benefits	232,957	174,054	179,538	0	179,538
TOTAL - Regional Market Operation Fund	<u>826,470</u>	<u>765,191</u>	<u>765,327</u>	<u>0</u>	<u>765,327</u>
TOTAL - ALL FUNDS	5,319,775	5,293,942	5,680,559	-276,208	5,404,351



DEPARTMENT OF ENVIRONMENTAL PROTECTION

AGENCY PURPOSE

The Agency's purpose is to ensure that:

- The State's natural resources are preserved, conserved and protected.
- Strict environmental quality standards are implemented fairly and effectively.
- All parts of society – communities, individuals, business, state and local governments – have access to accurate information sufficient to effectively participate in managing human health and environmental risks.
- Environmental protection contributes to making our communities and ecosystem diverse, sustainable and economically productive.
- Open space acquisition, urban development and ecosystem management reflect the understanding that our natural and fiscal resources are finite, and our preservation and utilization of both must be systematically managed.

RECENT HIGHLIGHTS

Long Island Sound Restoration

DEP's strategic planning and implementation approach to the restoration of Long Island Sound (LIS) is a model for DEP's watershed management efforts. Efforts to restore critical natural resource habitat has complemented the water quality improvements of LIS. From 1998 through 2004, tidal wetland restoration efforts resulted in nearly 296 acres restored.

DEP and their partners received a 2004 Coastal America Partnership Award for the nationally recognized history of successful tidal marsh protection, restoration and research at Barn Island Wildlife Management Area (WMA) in Stonington as well as the latest 144 acre addition to the Barn Island WMA. The WMA now encompasses 1,013 acres constituting the state's largest protected coastal area. Audubon CT also recognized Barn Island WMA as a globally significant Important Bird Area.

Nitrogen Reduction Efforts

The state has financed sewage treatment plant upgrades specifically to improve nitrogen removal. DEP has issued a General Permit that assigns annually decreasing nitrogen discharge levels to each Connecticut plant that collectively will meet the 58.5% target reduction by 2014 and dramatically improve water quality in Long Island Sound. Data for 2004 shows that the nitrogen reduction target goals for 2004 were exceeded by 458,000 pounds.

Green House Gas Emission Reduction

The Department, along with other members of the Governor's Steering Committee on Climate Change, worked on preparing and finalizing the *Connecticut Climate Change Action Plan 2005*. The plan consists of a number of recommended actions that focus on five major topic areas: transportation and land use; residential, commercial and industrial energy use; agriculture, forestry and waste emissions; electricity generation; and education and outreach. Some of the

recommended actions include increasing the amount of renewable energy supplied into our electric grid; testing bio-diesel as an alternative fuel; and improving recycling and waste reduction efforts. Implementation of the recommendations will put Connecticut on target to reduce greenhouse gas emissions to 1990 levels by 2010 and 10% below 1990 levels by 2020.

Environmental Compliance

DEP continues integrating and targeting its permitting assistance and enforcement efforts to provide the greatest degree of environmental protection. During the year over 2,200 permits and other authorizations were issued. Over 14,000 visitors a month accessed DEP's website for permit assistance and compliance materials. In addition, DEP is now publishing a quarterly newsletter to provide timely updates to agency initiatives and actions. Enforcement efforts have been directed toward sectors with higher rates of noncompliance. In the last year, DEP has conducted more than 7,000 inspections and issued over 700 notices of violation, 7 unilateral orders, 130 consent orders including \$787,786 in civil penalties and \$554,195 in supplemental environmental projects and made 21 case referrals to the Attorney General's Office.

Local and Urban Air Quality Improvements

As part of the State's continuing efforts to improve air quality, Connecticut established the most stringent year-round nitrogen oxides and sulfur oxides standards in the country for power plants and other large stationary sources while keeping the power supply reliable. The regulations have resulted in significant local emission reduction of sulfur oxides and nitrogen oxides from power plants and other large stationary sources of up to 50% and 26% respectively over 1999 levels.

RECOMMENDED ADJUSTMENTS

Technical Adjustments

- | | |
|---|------------------|
| • Transfer Salary Adjustment Funds for Settled Bargaining Units | <u>2006-2007</u> |
| <i>Necessary funding is transferred from the central Reserve for Salary Adjustment account to agency budgets.</i> | 304,899 |
| • Provide Funds for Increased Energy Costs | 481,794 |

AGENCY SUMMARY

<i>Personnel Summary</i>	2004-2005 Authorized	2005-2006 Estimated	2006-2007 Appropriated	2006-2007 Net Adjustments	2006-2007 Revised Recommended
<u>Permanent Full-Time Positions</u>					
General Fund	367	367	367	0	367
<i>Financial Summary</i>	2004-2005 Actual	2005-2006 Estimated	2006-2007 Appropriated	2006-2007 Net Adjustments	2006-2007 Revised Recommended
Personal Services	29,683,355	30,051,644	30,862,405	304,899	31,167,304
Other Expenses	3,034,319	1,318,554	1,425,506	481,794	1,907,300
<u>Capital Outlay</u>					
Equipment	5,100	100	100	0	100
<u>Other Current Expenses</u>					
Stream Gaging	157,600	157,600	157,600	0	157,600
Mosquito Control	352,717	352,717	352,717	0	352,717
State Superfund Site Maintenance	285,052	391,000	391,000	0	391,000
Charter Oak Open Space Trust	701,625	0	0	0	0
Laboratory Fees	275,875	275,875	275,875	0	275,875
Dam Maintenance	129,314	129,314	131,091	0	131,091
Long Island Sound Research Fund	1,000	0	0	0	0
Emergency Response Commission	144,439	0	0	0	0
Artesian Well Repairs	10,000	0	0	0	0
TOTAL - Other Current Expenses	2,057,622	1,306,506	1,308,283	0	1,308,283
<u>Pmts to Other Than Govts</u>					
Soil Conservation Districts	1,040	0	0	0	0
Agree USGS-Geology Investigation	47,000	47,000	47,000	0	47,000
Agreement USGS-Hydrological Study	122,770	122,770	122,770	0	122,770
N E Interstate Water Pollution Comm	8,400	8,400	8,400	0	8,400
Northeast Interstate Forest Fire Comp	2,040	2,040	2,040	0	2,040
Conn River Valley Flood Control Comm	40,200	40,200	40,200	0	40,200
Thames River Valley Flood Control Comm	48,281	50,200	50,200	0	50,200
Environmental Review Teams	1,000	0	0	0	0
Agree USGS Quality Stream Monitoring	170,119	170,119	170,119	0	170,119
TOTAL - Pmts to Other Than Govts	440,850	440,729	440,729	0	440,729
TOTAL - General Fund	35,221,246	33,117,533	34,037,023	786,693	34,823,716



COUNCIL ON ENVIRONMENTAL QUALITY

AGENCY PURPOSE

- To monitor, analyze and report short-term and long-term trends in the status of Connecticut's air, water, land and wildlife.
- To recommend appropriate legislation and administrative actions to correct deficiencies in state environmental programs.
- To publish the *Environmental Monitor*, the official website for public notices for all state agency projects under the Connecticut Environmental Policy Act.
- To investigate citizens' complaints on environmental matters and seek solutions to identified problems.
- To review projects and policies of other state agencies and provide advice as appropriate.

AGENCY SUMMARY

	2004-2005 Authorized	2005-2006 Estimated	2006-2007 Appropriated	2006-2007 Net Adjustments	2006-2007 Revised Recommended
<i>Personnel Summary</i>					
<u><i>Permanent Full-Time Positions</i></u>					
General Fund	1	1	1	0	1
<i>Financial Summary</i>					
	2004-2005 Actual	2005-2006 Estimated	2006-2007 Appropriated	2006-2007 Net Adjustments	2006-2007 Revised Recommended
Personal Services	45,000	88,464	92,978	0	92,978
Other Expenses	5,000	5,000	5,000	0	5,000
TOTAL - General Fund	50,000	93,464	97,978	0	97,978



COMMISSION ON CULTURE AND TOURISM

AGENCY PURPOSE

- Preserve and promote Connecticut's cultural and tourism assets in order to enhance the quality of life and economic vitality of the state.
- Work with Connecticut's business community and tourism regions to position and promote the state as a prime destination for leisure and business travelers.
- Provide marketing, research, hospitality services, direct sales and business marketing assistance to state tourism partners, venues and destinations, including operation of the state's six Visitor Welcome Centers and publication of the Connecticut Vacation Guide and www.ctbound.org.
- Administer programs that identify, register and protect the buildings, sites, structures, districts and objects that comprise Connecticut's cultural heritage.
- Operate six state-owned historic properties, including the four state-owned museums.
- Develop and strengthen the arts in Connecticut; make artistic experiences widely accessible; and encourage public participation in the arts.
- Receive, coordinate, and disburse state, federal and private funds to individuals and organizations in support of the arts.
- Provide film, television, and media industry professionals with a variety of production, location, business and economic development information, and services.

RECENT HIGHLIGHTS

Strategic Planning

CCT developed a Strategic Plan to guide the agency, the four divisions, and the two statutory partners with input from both staff and constituents.

The Tourism Division developed a unified, coherent marketing plan and branding strategy for state and regional tourism. This plan will enable the agency to leverage our collective investment and provide for a coordinated product to be presented to tourism consumers.

Tourism

A very successful first-time Connecticut Open House Day was held on June 11 2005. This innovative, cross-divisional promotional event was designed to generate activity and greater awareness of the state's cultural assets and tourism attractions for state residents.

An on-line film production guide was revised in an effort to better publicize the state as a premiere location setting and to promote the state's film and media production companies and highly trained and specialized professional work force.

Arts

Began development of a network of local arts agencies to become important regional partners to strengthen the state's cultural communities.

The Arts Division continues to create and administer a multifaceted program of grants to individuals and organizations covering all artistic disciplines. The grants support individual creativity, increased organizational capacity and program development, long-term stabilization through the Connecticut Arts Endowment Fund, and they encourage wider participation in the arts through partnership grants.

Has maintained support services for the 14 participating HOT (Higher Order Thinking) Schools and 5 network schools, as part of their focus on arts in education.

Historic Preservation

The State Register recently listed two historic districts in New Haven which will allow property owners in those

neighborhoods to access the State Historic Homeowners Tax Credit program and promote urban revitalization through the rehabilitation of owner-occupied properties.

With the help of the agency's Historic Preservation Council, several significant archaeological resources have recently been identified throughout the state.

The Connecticut Historic Homes Rehabilitation Tax Credit program provides a major economic impact to the state's largest cities. During FY 06 this program issued over twenty new tax credit reservations worth nearly \$1 million. More than thirty tax credit vouchers were issued for completed projects totaling \$1.5 million.

Museums

Connecticut is fortunate to have numerous and significant historic properties within its borders. Many of these properties and structures continue to be identified for special recognition from time to time. Recent recipients include the Henry Whitfield Museum in Guilford and the Prudence Crandall Museum in Canterbury.

A major stabilization and restoration project at all four state owned and agency administered museums has recently been undertaken.

FY2005 Historic Rehabilitation Tax Credit Projects Administered by the History and Museum Division	
State Funds	\$ 1,400,000
Federal Funds	\$ 67,400,000
FY2006 Projected Grant Payments Administered by the Arts Division	
Grants to Organizations	\$ 2,500,000
Grants to Individuals	\$ 120,000

RECOMMENDED ADJUSTMENTS

Reductions

- Eliminate Subsidy to the New Haven Coliseum 2006-2007
-280,000

Technical Adjustments

- Centralize Business Operations -314,391
Per Sections 60 (c) and 60 (d) of PA 05-251, the Department of Administrative Services has consolidated personnel, payroll, affirmative action and business office functions for certain state agencies into the department.
- Transfer Salary Adjustment Funds for Settled Bargaining Units 275,201
Necessary funding is transferred from the central Reserve for Salary Adjustment account to agency budgets.
- Provide Funds for Increased Energy Costs 13,196

Expansion Adjustments

- Increase Funding for Statewide Marketing 400,000

AGENCY SUMMARY

<i>Personnel Summary</i>	2004-2005 Authorized	2005-2006 Estimated	2006-2007 Appropriated	2006-2007 Net Adjustments	2006-2007 Revised Recommended
<u>Permanent Full-Time Positions</u>					
General Fund	45	41	45	-4	41
<u>Financial Summary</u>					
	2004-2005 Actual	2005-2006 Estimated	2006-2007 Appropriated	2006-2007 Net Adjustments	2006-2007 Revised Recommended
Personal Services	3,168,454	3,279,078	3,608,080	-39,190	3,568,890
Other Expenses	2,637,810	1,004,728	1,035,753	13,196	1,048,949
<u>Capital Outlay</u>					
Equipment	50,000	1,000	1,000	0	1,000
<u>Other Current Expenses</u>					
Statewide Marketing	4,283,004	3,600,000	3,600,000	400,000	4,000,000
<u>Pmts to Other Than Govts</u>					
Discovery Museum	750,000	500,000	500,000	0	500,000
<u>Pmts to Local Governments</u>					
Greater Hartford Arts Council	150,000	125,000	125,000	0	125,000
Stamford Center for the Arts	1,500,000	1,100,000	1,100,000	0	1,100,000
Stepping Stone Child Museum	50,000	50,000	50,000	0	50,000
Maritime Center Authority	675,000	675,000	675,000	0	675,000
Basic Cultural Resources Grant	2,286,007	2,400,000	2,400,000	0	2,400,000
Tourism Districts	4,750,000	4,500,000	4,500,000	0	4,500,000
Connecticut Humanities Council	1,000,000	2,150,000	2,150,000	0	2,150,000
Amistad Committee for the Freedom Trail	50,000	45,000	45,000	0	45,000
Amistad Vessel	100,000	90,000	90,000	0	90,000
New Haven Festival of Arts and Ideas	1,000,000	1,000,000	1,000,000	0	1,000,000
New Haven Arts Council	150,000	125,000	125,000	0	125,000
Palace Theater	900,000	810,000	810,000	0	810,000
Beardsley Zoo	400,000	400,000	400,000	0	400,000
Mystic Aquarium	1,000,000	900,000	900,000	0	900,000
Quinebaug Tourism	114,000	100,000	100,000	0	100,000
Northwestern Tourism	114,000	100,000	100,000	0	100,000
Eastern Tourism	114,000	100,000	100,000	0	100,000
Central Tourism	114,000	100,000	100,000	0	100,000
New Haven Coliseum	630,000	480,000	280,000	-280,000	0
Twain/Stowe Homes	125,000	120,000	120,000	0	120,000
TOTAL - Pmts to Local Governments	15,222,007	15,370,000	15,170,000	-280,000	14,890,000
TOTAL - General Fund	26,111,275	23,754,806	23,914,833	94,006	24,008,839



DEPARTMENT OF BUSINESS AND EMPLOYMENT

AGENCY PURPOSE

The Department of Business and Employment (DBE) is charged with the mission of securing and enhancing Connecticut's competitive position in the global economy. DBE's goals include:

- Articulating and implementing a comprehensive statewide economic development plan;
- Taking the lead in coordinating the activities of all state agencies in advancing economic development opportunities
- Fostering a productive business environment that enables businesses to succeed in the global economy;

- Advancing job creation and retention;
- Developing programs that address the workforce needs of businesses, emerging economic opportunities, and training and education offered by Connecticut's schools and institutions of higher education;
- Marketing Connecticut to domestic and foreign businesses and workers and encouraging them to relocate to the state.
- Strengthening and revitalizing communities by stimulating the development of affordable housing opportunities for moderate and low income families.

RECENT HIGHLIGHTS

- Through strategic investment and financial incentives, catalyzed more than \$700 million in capital investments and effected the projected creation of 1,340 jobs in the next five years.
- Provided technical assistance to 8 foreign-owned companies coming to Connecticut, investing \$12-14 million and creating 150-250 jobs in the state.
- State funding support enabled the Connecticut State Technology Extension Program (ConnStep) to visit 214 companies, which resulted in 305 projects that created and/or retained 824 jobs and generated approximately \$2.5 million in tax revenue to the state.
- Provided 15 loan guarantees for a total of \$469,000 to the Community Economic Development Fund (CEDF) which enabled micro-loans to be awarded to 4 Woman-Owned, 2 Minority-Owned and 9 Woman/Minority-Owned small businesses.
- Funded the National Foundation for Teaching Entrepreneurship (NFTE) *Youth Entrepreneurship Program* to teach at-risk, inner-city youth to successfully develop and manage a business.
- Invested \$4 million, leveraged additional municipal and federal funds and completed the Greater Hartford Job Corps Center, a \$20 million project with 8 buildings on 22.5 acres that will provide academic and vocational training for 300 young adults and house up to 200 resident students.

- Awarded more than \$80 million in grants to Connecticut's communities for infrastructure improvements, renovations, construction of office space and residential units, and revitalization of cultural and sports venues.
- Invested \$38.9 million in 15 housing projects that created or preserved affordable rental housing and 30 ownership dwellings across the state.
- Provided \$1,506,329 to 164 households and \$38,000 to one multi-family household through the Connecticut Housing Investment Fund and the Energy Conservation Loan Program.
- Assisted Entrepreneurial Centers in Bridgeport and Hartford to train 198 individuals and create 106 new jobs through 43 new businesses developed by Entrepreneurial Center.
- Invested \$1.5 million, leveraged an additional \$1.2 million in local, other state and federal funds and completed the Occum Park Project in Norwich, a brownfield remediation creating a park with recreational opportunities.
- Participated in the state's efforts to keep the Groton Sub Base open. One of the agency's primary contributions to the state's effort was the preparation of an analysis of the economic impact a closure of the Sub Base would have on Connecticut.

RECOMMENDED ADJUSTMENTS

Technical Adjustments

	<u>2006-2007</u>
• Transfer Salary Adjustment Funds for Settled Bargaining Units <i>Necessary funding is transferred from the central Reserve for Salary Adjustment account to agency budgets.</i>	370,334
• Support Inventory of All State/Federal Assisted Housing <i>Provide funding to fulfill obligations of PA 05-239 which mandated the agency to develop and maintain a comprehensive inventory of all assisted housing in the state.</i>	77,250
• Adjust Funding for Congregate Facilities Operation Costs <i>Increase housing subsidies to offset residents' rising medical costs which are consuming larger parts of residents' fixed incomes.</i>	141,722

• Provide Funds for Increased Energy Costs	1,815
Expansion Adjustments	
• Fund CONNSTEP through the General Fund	1,000,000
<i>CONNSTEP is the state's manufacturing resource center. Locally-based CONNSTEP field engineers offer a wide range of technical backgrounds to help Connecticut manufacturers.</i>	
• Governor's Jobs Initiative - Create Housing and Community Development Planning Office	125,000
<i>To incorporate housing planning into an integral economic development strategy.</i>	
• Governor's Jobs Initiative - Establish the Connecticut Research Institute	500,000
<i>To collect statewide data and develop economic development policy initiatives.</i>	
• Governor's Jobs Initiative - Create the Office of National and International Commerce	125,000
<i>To market Connecticut as a business-friendly state to US and foreign businesses.</i>	

AGENCY SUMMARY

Personnel Summary	2004-2005 Authorized	2005-2006 Estimated	2006-2007 Appropriated	2006-2007 Net Adjustments	2006-2007 Revised Recommended
<u>Permanent Full-Time Positions</u>					
General Fund	97	90	90	0	90
Financial Summary	2004-2005 Actual	2005-2006 Estimated	2006-2007 Appropriated	2006-2007 Net Adjustments	2006-2007 Revised Recommended
Personal Services	6,154,384	6,544,280	6,734,347	370,334	7,104,681
Other Expenses	1,826,045	1,544,934	1,623,249	79,065	1,702,314
<u>Capital Outlay</u>					
Equipment	0	1,000	1,000	0	1,000
<u>Other Current Expenses</u>					
Elderly Rental Registry and Counselors	569,333	617,654	617,654	0	617,654
Entrepreneurial Training	174,011	0	0	0	0
Capital Seed Funds	200,000	0	0	0	0
Office of National & International Comm	0	0	0	125,000	125,000
Housing and Community Dvlp Plng	0	0	0	125,000	125,000
Connecticut Research Institute	0	0	0	500,000	500,000
TOTAL - Other Current Expenses	943,344	617,654	617,654	750,000	1,367,654
<u>Pmts to Other Than Govts</u>					
Entrepreneurial Centers	142,500	142,500	142,500	0	142,500
Subsidized Assisted Living Demonstration	854,300	770,400	1,445,400	0	1,445,400
Congregate Facilities Operation Costs	5,029,671	5,258,151	5,995,979	141,722	6,137,701
Housing Assistance and Counseling Pgm	560,000	588,903	588,903	0	588,903
Elderly Congregate Rent Subsidy	1,399,791	1,523,004	1,523,004	0	1,523,004
CONNSTEP	0	0	0	1,000,000	1,000,000
TOTAL - Pmts to Other Than Govts	7,986,262	8,282,958	9,695,786	1,141,722	10,837,508
<u>Pmts to Local Governments</u>					
Tax Abatement	2,131,112	0	0	0	0
Payment in Lieu of Taxes	2,755,000	0	0	0	0
TOTAL - Pmts to Local Governments	4,886,112	0	0	0	0
TOTAL - General Fund	21,796,147	16,990,826	18,672,036	2,341,121	21,013,157



AGRICULTURAL EXPERIMENT STATION

"Putting Science to Work for Society"

AGENCY PURPOSE

To perform a variety of research and analyses at laboratories in New Haven and Windsor and research farms in Hamden and Windsor. This research includes:



- Discovering insects and ticks that carry disease to people and animals and devising methods of detecting and reducing these diseases.
- Discovering methods of destroying toxic chemicals in soil and water.

- Devising ways to control pests using fewer and safer pesticides.
- Ensuring an ample and economical food supply by increasing yields, introducing successful crops, and controlling pests and plant diseases.
- Protecting people from toxic substances found in food and water and from deficient food, drugs and agricultural supplies.
- Devising ways to control invasive aquatic plants in lakes.

RECENT HIGHLIGHTS

Identification Guide to the Mosquitoes of Connecticut

The 173 pages of this document include (1) illustrations of larval and adult morphological features to identify 49 species; (2) biological information on larval habitats, mosquito host-feeding patterns, virus isolations, and seasonal abundance; and (3) county records. The identification guide is being used by local, state, and federal public health workers to identify mosquitoes primarily in eastern United States.

Ramorum Blight (Sudden Oak Death) Monitored

In its effort to monitor for Ramorum blight (formerly known as Sudden Oak Death), the station has increased its diagnostic capacity for testing large numbers of diseased plants by DNA analyses. Ramorum blight can affect over 60 species of plants including oak trees and a variety of woody ornamentals, such as rhododendron and viburnum.

Research on Invasive Aquatic Plants in Lakes

Field experiments conducted in Bashan Lake (East Haddam), Lake Quonnipaug (Guilford), and Grannis Lake (East Haven) revealed that minimal use of herbicides in spot treatments effectively removed certain invasive aquatic plants. Invasive aquatic plants eliminate native aquatic plants and reduce water quality. A guide with color illustrations was prepared on the geographic distribution and identification of invasive aquatic plants in Connecticut. The guide is intended for

boaters and users of lakes to help prevent the spread of invasive aquatic plants.

Experiments with Black-Legged Ticks (Deer Ticks)

Experiments were conducted in tick-infested areas to reduce the number of black-legged ticks (also known as the deer tick) on white-footed mice, important in the transmission of diseases such as Lyme disease. There was a significant reduction in ticks in localized settings and communities have adopted this tick management practice. These results will have future impacts by reducing human infections and costs associated with lost wages and medical expenses if homeowners use tick control methods along with personal protection measures.

Arsenic Research

Recent studies have revealed that certain plants, such as arugula and mustard greens, grown in arsenic-contaminated soil take up this chemical. Experiments also revealed that arsenic leaching and human exposure could be reduced by 50% to 90% by coating pressure-treated wood with paint or stain.

Potosi Virus

Potosi virus, which is transmitted by mosquitoes, was discovered in Connecticut. This is the first record of this virus in northeastern United States. The virus is not known to cause human disease.

RECOMMENDED ADJUSTMENTS

Technical Adjustments

- Transfer Salary Adjustment Funds for Settled Bargaining Units
Necessary funding is transferred from the central Reserve for Salary Adjustment account to agency budgets.
- Provide Funds for Increased Energy Costs

2006-2007

18,800

117,041

AGENCY SUMMARY

	2004-2005 Authorized	2005-2006 Estimated	2006-2007 Appropriated	2006-2007 Net Adjustments	2006-2007 Revised Recommended
Personnel Summary					
<u>Permanent Full-Time Positions</u>					
General Fund	67	68	68	0	68
Financial Summary					
	2004-2005 Actual	2005-2006 Estimated	2006-2007 Appropriated	2006-2007 Net Adjustments	2006-2007 Revised Recommended
Personal Services	5,062,057	5,285,024	5,402,048	18,800	5,420,848
Other Expenses	470,067	510,702	529,217	117,041	646,258
<u>Capital Outlay</u>					
Equipment	1,000	76,690	100	0	100
<u>Other Current Expenses</u>					
Mosquito Control	207,393	209,463	209,463	0	209,463
Wildlife Disease Prevention	49,277	74,000	74,000	0	74,000
TOTAL - Other Current Expenses	256,670	283,463	283,463	0	283,463
TOTAL - General Fund	5,789,794	6,155,879	6,214,828	135,841	6,350,669