

**DEPARTMENT OF HUMAN SERVICES
PUBLIC HEALTH DIVISION**

ENVIRONMENTAL HEALTH

PROGRAM MISSION: To prevent disease from environmental sources, through education, identification of public health risks and enforcement of public health laws.

- ❖ The **Food Safety Program** ensures sanitation standards are maintained in the approximately 1,700 food establishments under regulation.
- ❖ The **Swimming Pool Safety/Sanitation Program** ensures sanitation and safety standards are maintained in the approximately 190 swimming pools under regulation.
- ❖ The **Centralized Rodent Control Program** responds to citizen complaints, and assesses and reduces community rat populations in residential and commercial areas.
- ❖ The **Rabies Control Program** minimizes human exposure to rabies through animal control, animal vaccination and education.
- ❖ The **General Environmental Health Program** ensures sanitation and safety standards are maintained in day care centers, public and private schools and homes for adults, and monitors on site sewage disposal, well water quality and radiological sources.
- ❖ The **Arbovirus Control Program** monitors vectors of arboviral diseases (such as West Nile virus) and uses physical, biological and chemical control methods to reduce the chances of transmission of the disease to humans.

Environmental Health				
	FY 2004	FY 2005	FY 2006	% Change:
	<u>Actual</u>	<u>Adopted</u>	<u>Proposed</u>	<u>'05 to '06</u>
Personnel	\$1,195,616	\$1,284,479	\$1,302,032	1%
Non-Personnel	97,582	187,112	160,548	-14%
Total Expenditures	1,293,198	1,471,591	1,462,580	-1%
Fees	278,279	283,565	305,990	8%
Miscellaneous Grants	-	-	-	-
State Share	217,555	385,070	389,782	1%
Total Revenue	495,834	668,635	695,772	4%
Net Tax Support	\$797,364	\$802,956	\$766,808	-5%
Authorized FTEs	17.0	19.0	19.0	
Funded FTEs	17.0	19.0	19.0	

SIGNIFICANT BUDGET HIGHLIGHTS:

- ↓ Non-Personnel is reduced (\$26,564) due to elimination of one-time funding relating to the new positions approved in FY 2005, and reductions in equipment repair and maintenance in anticipation of the move to the Fenwick Center.
- ↑ Fees increase due to increased projections based on projected FY 2005 collections, and also due to a proposed increase in the Food Establishment License Application Processing Fee from \$60 currently to \$65.
- ↑ State Share increased to reflect additional Virginia Department of Health Cooperative funds expected in FY 2006 based on the FY 2005 allocation.

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- ❖ A variety of fees relating to regulation of water recreation facilities are proposed to be modified to recover full costs of the related regulatory activities.

PERFORMANCE MEASURES:

General Environmental Health, Food Inspection Program, Swimming Pool Inspections

	<u>FY 2002 Actual</u>	<u>FY 2003 Actual</u>	<u>FY 2004 Actual</u>	<u>FY 2005 Estimate</u>	<u>FY 2006 Estimate</u>	<u>FY 2006 Goal</u>
<i><u>Mission Outcome Measures</u></i>						
Number/percent of food establishments that were not in compliance with the food code but after enforcement actions were initiated were brought into compliance within 90 days	N/A	297/68%	272/65%	280/65%	350/70%	100%
Number/percent of occurrences in which swimming pools were found to be below standard and were closed	N/A	63/100%	59/100%	55/100%	55/100%	100%
<i><u>Customer Measures</u></i>						
Percent of complainants who respond as being satisfied with the food safety services provided	N/A	N/A	N/A	75%	75%	80%
Percent of complainants who respond as being satisfied with the swimming pool safety and health services provided	N/A	N/A	N/A	60%	75%	80%
<i><u>Workload Measures</u></i>						
Total number of food establishment inspections	2,442	2,389	2,456	2,900	3,800	5,100
Inspections of permanent food service establishments	1,919	1,913	2,090	2,500	3,400	4,600
Inspections of temporary food service establishments	523	476	366	400	400	500
Number of food establishment licenses revoked or suspended	81	59	63	80	95	NA
Inspections of swimming pools	437	347	352	450	525	663
Inspections of general Environmental Health facilities	NA	188	182	190	190	190

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	FY 2002 <u>Actual</u>	FY 2003 <u>Actual</u>	FY 2004 <u>Actual</u>	FY 2005 <u>Estimate</u>	FY 2006 <u>Estimate</u>	FY 2006 <u>Goal</u>
<i>Efficiency Measures</i>						
Number/percent of cases in which staff began investigation of food borne illness complaint within the same day that the case was reported	91/100%	99/100%	92/94%	95/100%	99/100%	100%
Percent of incidents of environmental source disease and public health hazards responded to within 24 hours of receiving the report	N/A	91%	90%	90%	90%	100%

- ❖ The numbers of food establishment inspections was reduced during FY 2003 and FY 2004 to focus inspection efforts on higher risk establishments which require more time.
- ❖ The goal for the number of inspections for food establishments is based on the recommended inspection frequency for food establishments that is prescribed by the State Health Department.
- ❖ The goal for the number of inspections for swimming pools was calculated by using a recommended standard frequency of 3 inspections per year for seasonal swimming pools and 6 inspections per year for year round swimming pools. Because of staffing shortages the number of swimming pool inspections is below the standard.
- ❖ Any swimming pool that represents an immediate health hazard or safety is closed at once pending corrective action.
- ❖ The number of inspections for general Environmental Health facilities was not tracked in FY 2002.

Animal and Rodent Control Program

	FY 2002 <u>Actual</u>	FY 2003 <u>Actual</u>	FY 2004 <u>Actual</u>	FY 2005 <u>Estimate</u>	FY 2006 <u>Estimate</u>	FY 2006 <u>Goal</u>
<i>Mission Outcome Measures</i>						
Number/percent of rodent control cases brought into compliance within 90 days of the initial investigation	772/95%	766/92%	623/64%	680/71%	680/71%	100%

<i>Customer Measures</i>						
Percent of complainants who respond as being satisfied with the rodent control service given	N/A	N/A	N/A	75%	75%	80%

<i>Workload Measures</i>						
Number of animals quarantined for exposure to rabid animals or for biting humans	112	94	119	100	100	N/A
Number of animals vaccinated for rabies prevention	826	641	656	650	650	N/A

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- ❖ The number of rodent complaints rose by 28% during FY 2004. Because of that increase the percentage of complaints that were responded to and closed out within 90 days decreased. It is anticipated that the number of rodent complaints will remain at higher levels than were experienced in FY 2003.
- ❖ The number of animals vaccinated for rabies by the Arlington Animal Welfare League will probably continue to decline in FY 2005 and FY 2006 because of an increasing number of alternative vaccination locations such as commercial pet food establishments.

Arbovirus Control Program

	FY 2002 <u>Actual</u>	FY 2003 <u>Actual</u>	FY 2004 <u>Actual</u>	FY 2005 <u>Estimate</u>	FY 2006 <u>Estimate</u>	FY 2006 <u>Goal</u>
<i>Outcome Measures</i>						
Number /percent of arbovirus complaints investigated within 2 days of receipt of referral	80/100%	95/95%	101/100%	90/100%	95/100%	100%
Number/percent of mosquito breeding areas identified by complaints that were eliminated or placed under control within 14 days	35/80%	63/89%	66/89%	73/100%	75/100%	100%
<i>Customer Measures</i>						
Percent of complainants who respond as being satisfied with the mosquito control service given	N/A	N/A	N/A	75%	75%	80%

- ❖ The increase in treating mosquito-breeding sites, identified by complaint, can be attributed to a better trained staff and their ability to locate and eradicate mosquito breeding sites.

FUTURE BUDGET CONSIDERATIONS:

- ❖ In FY 2005 2.0 FTE food inspectors were added to this program. There is still a need for two additional food inspectors in order to meet state and federal recommended activity levels in food establishments.
- ❖ The FY 2004 the number of citizen complaints regarding rats increased by 28% (798 in FY 2003 compared to 1,022 in FY 2004). Although some of this increase was due to an increased food supply for rats, it is anticipated that the number of rat complaints in subsequent years will continue to increase over FY 2003 totals. Two additional field staff are needed to adequately respond to citizen complaints and prevent rat activities throughout the community.