

**New York City Department of Environmental Protection  
Bureau of Water Supply**

**Annual Report on FAD Budget and Staffing**

**September 2015**

*Prepared in accordance with Section 9.0 of the NYSDOH  
Revised 2007 Filtration Avoidance Determination*



Prepared by: DEP, Bureau of Water Supply

## **Staffing**

Section 9.0 of the Filtration Avoidance Determination (FAD) requires that New York City Department of Environmental Protection (DEP) maintain the level of staffing, funding and expertise necessary to support all elements of the City's Long Term Watershed Protection Programs. Annually, DEP is required to identify actual filled positions versus available positions for each division and section involved in supporting the watershed protection programs. Table 1 summarizes the current staffing level for each division and section involved in supporting the City's watershed protection programs. Table 2 summarizes the extent of our recruitment efforts. At the end of FY15, 94.6% of all FAD positions within the Bureau of Water Supply have been filled.

## **Funding**

Section 9.0 of the FAD requires that DEP provide written notification as to whether the City budget for the upcoming fiscal year includes sufficient funding to allow the City to meet its obligations under the FAD. Table 3 summarizes capital funds disbursed and appropriated for FY15 through FY19 to support existing and new obligations under the FAD programs. Table 4 summarizes expense funds disbursed in FY15, budgeted for FY16 and planned for the outer years to support existing and new obligations under the FAD programs. Capital and Expense funds provided by the NYC Office of Management and Budget (OMB) are sufficient to support the City's Long Term Watershed Protection Program.

## **Water Rates**

DEP's water and wastewater services are funded entirely by ratepayers. Rates borne by property owners are the only source of the revenue to support these services, which are essential for local public health and quality of life, and are highly regulated at the state and federal levels. The FY16 water rate, which took effect July 1, 2015, reflected a 2.97% increase over the prior year. This reflects the lowest annual increase in recent years. A typical single-family homeowner would see an increase of approximately \$2.50 per month, from \$1,025 a year to \$1,055 a year, based on an average consumption of 80,000 gallons of water per year. With nearly 20% of the New York City population living below the federal poverty threshold, and another 25% earning less than 150% of the poverty level, it is imperative that DEP continue to strive to keep water and sewer rates as affordable as possible.

In recent years, DEP has made considerable efforts to keep rates in check. DEP has invested in meter replacement and wireless meter reading initiatives to help enhance revenue collection. DEP has installed more than 800,000 wireless meter reading devices, which have had a favorable effect on collections, even above our projections. Another benefit of wireless meter reading is that we are seeing an 81% reduction in estimated bills since 2011, and are at an eight year low in billing disputes. These initiatives have led to an overall higher rate of collection and a more reliable revenue stream. DEP has also benefited from a shift in regulatory policy away from very capital-intensive mandated projects. From 2005 through 2014, 59% of DEP's capital spending was for mandates. Even though the projects funded during that period may be complete, or nearly complete, ratepayers will be paying debt service related to these projects for years to come. DEP has been successful in working with regulators to moderate future mandates; as a result, the capital spending projections and required rate increase have fallen.

\$3.5 billion, or 23%, of the 2015 to 2025 Capital Improvement Plan is mandated. Low interest rates have reduced projected debt service payments by \$195 million.

DEP and the Water Board have also introduced several new billing programs, to provide relief for low income rate payers. Customers receiving Home Energy Assistance Program (HEAP) credits or New York City Department of Finance exemptions for seniors or the disabled will automatically receive a credit equal to \$115.89, which is equivalent to a quarter year of the minimum charge. DEP is offering monthly billing to all customers as of July 1st, and customers who enroll in monthly eBilling – meaning those that enroll in monthly billing and opt to receive such bills electronically – will receive a credit of \$10 after receipt of their third monthly eBill. The minimum charge was frozen at FY 2014 rates for the second consecutive year at \$0.49 per day for water, plus the wastewater charge of 159% of water charges, or \$1.27 in total.

**Table 1. FY15 FAD Staffing**

<b>Program Description</b>	<b>Budgeted Positions</b>	<b>FY15 Filled Positions</b>	<b>Positions in Pipeline</b>
<b>Executive</b>			
Deputy Commissioner	1	1	
Management & Support	3	3	
Reservoir Releases Policy Development	4	4	
<b>Total Executive</b>	<b>8</b>	<b>8</b>	<b>0</b>
<b>Water Quality - Management</b>			
Director - Water Quality	1	1	
Management & Support	1	1	
<b>Subtotal</b>	<b>2</b>	<b>2</b>	<b>0</b>
<b>Water Quality - Distribution Water Quality Operations</b>			
Management & Support	2	2	
Distribution Water Quality Laboratory Operations - Management	1	0	1
Microbiology	12	12	
Wet Chemistry	10	9	1
Trace Metals	2	2	
Organic Chemistry	7	7	
Distribution Water Quality Field Operations - Management	1	1	
Field Operations	22	21	1
Early Warning Remote Monitoring	6	6	
Distribution Water Quality Compliance - Management	1	1	
Data Management	8	8	
Quality Assurance	4	4	
Procurement	2	2	
Health & Safety	1	1	
Distribution Science & Planning	4	3	1
<b>Subtotal</b>	<b>83</b>	<b>79</b>	<b>4</b>
<b>Water Quality - Watershed Water Quality Science &amp; Research</b>			
Management	1	1	
Water Quality Modeling	5	5	
Water Quality Program Evaluation & Planning	4	3	1
Watershed Impacts & Pathogen Assessment	5	5	
Health Assessment & Policy Coordination	1	1	
<b>Subtotal</b>	<b>16</b>	<b>15</b>	<b>1</b>
<b>Water Quality - Watershed Water Quality Operations</b>			
Management & Support	2	2	

Watershed Water Quality Systems Support	13	12	1
EOH Water Quality Operations	49	48	1
WOH Water Quality Operations	59	58	1
Wildlife Studies	3	3	
<b>Subtotal</b>	<b>126</b>	<b>123</b>	<b>3</b>
<b>Total Water Quality</b>	<b>227</b>	<b>219</b>	<b>8</b>
<b>Upstate Police Force</b>			
Chief	1	1	
Assistant Chief	1	1	
Inspector	1	1	
Captain	4	4	
Lieutenant	13	13	
Sergeant	34	34	
Environmental Police Officers	167	144	23
Admin/Analytical/Clerical Support	24	20	4
<b>Total Upstate Police Force</b>	<b>245</b>	<b>218</b>	<b>37</b>
<b>Watershed Protection Programs</b>			
Director - Watershed Protection Programs	1	1	
Management & Support	2	2	
<b>Subtotal</b>	<b>3</b>	<b>3</b>	<b>0</b>
<b>Watershed Protection Programs - Watershed Lands &amp; Community Planning</b>			
Management & Support	1	1	
Land Acquisition	15	15	
Community Planning	5	5	
Stream Management	9	8	1
Working Lands	2	2	
Administration & Compliance	3	3	
GIS Support	4	4	
<b>Subtotal</b>	<b>39</b>	<b>38</b>	<b>1</b>
<b>Watershed Protection Programs - Natural Resources Division</b>			
Management & Support	2	2	
Natural Resources Management	33	32	1
<b>Subtotal</b>	<b>35</b>	<b>34</b>	<b>1</b>
<b>Watershed Protection Programs - Regulatory &amp; Engineering Programs</b>			
Management & Support	3	3	
Compliance & Administration	5	5	
Wastewater Treatment Programs	12	12	
Stormwater Programs	15	15	

SSTS Compliance & Inspection	10	10	
WWTP Compliance & Inspection	6	6	
<b>Subtotal</b>	<b>51</b>	<b>51</b>	<b>0</b>
<b>Watershed Protection Programs - WWTP Upgrade Program</b>			
Management & Support	2	2	
<b>Subtotal</b>	<b>2</b>	<b>2</b>	<b>0</b>
<b>Total Watershed Protection Programs</b>	<b>130</b>	<b>128</b>	<b>2</b>
<b>Planning</b>			
Director - Planning	1	1	
Strategic Planning	1	1	
Capital Planning	14	14	
Rondout West Branch Tunnel	3	2	1
Hydro Development & Special Projects	1	1	
Emergency Planning	3	3	
<b>Total Planning</b>	<b>23</b>	<b>22</b>	<b>1</b>
<b>Management Services &amp; Budget</b>			
Director - Management Services & Budget	1	1	
Management & Support	1	1	
OTPS Budget	2	2	
Human Resources	5	5	
Facilities	6	6	
Kingston Facility Support	9	8	1
Upstate Fleet Services, Fuels & Chemicals	16	13	3
Contracts	3	3	
Procurement & Expense	14	12	2
<b>Total Management Services &amp; Budget</b>	<b>57</b>	<b>51</b>	<b>6</b>
<b>Operations</b>			
Director - Operations	1	1	
Management & Support	2	2	
<b>Subtotal</b>	<b>3</b>	<b>3</b>	<b>0</b>
<b>Operations Compliance &amp; Technical Services</b>			
Hazmat & Spill Management	5	5	
<b>Subtotal</b>	<b>5</b>	<b>5</b>	<b>0</b>
<b>Instrumentation SCADA</b>			
Instrumentation & SCADA	3	3	0
<b>Subtotal</b>	<b>3</b>	<b>3</b>	<b>0</b>

<b>Operations - Eastern</b>			
Management & Support	6	6	
Compliance & Administration	3	3	
Engineering & Tech Support	9	8	1
Shaft Maintenance	6	6	
Highlands Region - Management & Compliance	1	1	
Highlands Region - Technical Services	25	23	2
Highlands Region - Field Maintenance	25	24	1
Kensico Region - Management & Support	3	3	
Kensico Region - Systems Operations	30	29	1
Kensico Region - Engineering & Tech Services	16	16	
Kensico Region - Risk Management Program	3	2	1
<b>Subtotal</b>	<b>127</b>	<b>121</b>	<b>6</b>
<b>Operations - Eastern Cat Del UV</b>			
Management & Support	1	1	
Compliance & Administration	5	5	
Cat Del UV Maintenance	6	6	
Cat Del UV SCADA/Instrumentation	7	7	
Cat Del UV Operations	25	23	2
<b>Subtotal</b>	<b>44</b>	<b>42</b>	<b>2</b>
<b>Operations - Western</b>			
Management & Support	3	3	
Compliance & Procurement	7	7	
Engineering & Tech Support	10	10	
Hydroelectric	13	6	7
Grahamsville Region - Management & Support	1	1	
Grahamsville Region - Maintenance	24	22	2
Shokan Region - Management & Support	5	5	
Shokan Region - Maintenance	38	36	2
Downsville Region - Management & Support	1	1	
Downsville Region - Maintenance	29	22	7
<b>Subtotal</b>	<b>131</b>	<b>113</b>	<b>18</b>
<b>Operations - Water Systems Operations</b>			
Management	1	1	
Reservoir Operations	12	12	
Watershed Monitoring & Operations Support	4	4	
<b>Subtotal</b>	<b>17</b>	<b>17</b>	<b>0</b>
<b>Operations - Wastewater</b>			
Management & Support	4	4	
Wastewater Treatment Operations	37	36	1

Engineering & Tech Maintenance	11	11	
<b>Subtotal</b>	<b>52</b>	<b>51</b>	<b>1</b>
<b>Total Operations</b>	<b>391</b>	<b>363</b>	<b>28</b>
<b>Environmental Health &amp; Safety</b>			
Director - Environmental Health & Safety	1	1	
Management & Support	3	3	
Facilities Compliance	16	16	
Project & Field Compliance	5	5	
Environmental Projects	5	4	1
EH&S Core Services	9	7	2
<b>Total Environmental Health &amp; Safety</b>	<b>39</b>	<b>36</b>	<b>3</b>
<b>Total Bureau of Water Supply</b>	<b>866</b>	<b>819</b>	<b>47</b>
<b>Percentage of Positions Filled = 94.6%</b>			

Additional staff support for certain FAD Programs is provided by other units within DEP and the City including the Bureau of Engineering Design and Construction, the Bureau of Legal Affairs, the Office of Environmental Planning and Assessment, the Bureau of Public Affairs and the New York City Law Department.

**Table 2. Vacancy Advertisements**

<b>Civil Service Title</b>	<b>Business Title</b>	<b>Division</b>	<b>Location</b>	<b>Date</b>	<b>Posted On</b>
INDUSTRIAL HYGIENTIST	SITE EH&S OFFICER	EHS	GRAHAMSVILLE	NOV '14	RECORDONLINE.COM
ASSOCIATE LABORATORY MICROBIOLOGY	ASSOCIATE LAB MICROBIOLOGIST	WATER QUALITY	KINGSTON	NOV '14	ONEONTA DAILY STAR MIDDLETOWN TIMES HERALD RECORD KINGSTON DAILY FREEMAN WATERSHEDPOST.COM
WATERSHED MAINTAINER	WATERSHED MAINTAINER	WESTERN OPERATIONS	SHOKAN	DEC '14	ONEONTA DAILY STAR MIDDLETOWN TIMES HERALD RECORD KINGSTON DAILY FREEMAN WATERSHEDPOST.COM
ASSOCIATE CHEMIST	ASSOCIATE CHEMIST	WATER QUALITY	KINGSTON	DEC '14	ONEONTA DAILY STAR MIDDLETOWN TIMES HERALD RECORD KINGSTON DAILY FREEMAN WATERSHEDPOST.COM
INDUSTRIAL HYGIENTIST II	INDUSTRIAL HYGIENTIST	EHS	VALHALLA	JAN '15	JOURNAL NEWS
CUSTODIAN	CUSTODIAN II (PART-TIME)	OPERATIONS	GRAHAMSVILLE	JAN '15	SULLIVAN COUNTY DEMOCRAT
WATERSHED MAINTAINER	WATERSHED MAINTAINER	WATER SYSTEMS OPERATIONS	GRAHAMSVILLE	JAN '15	ONEONTA DAILY STAR

<b>Civil Service Title</b>	<b>Business Title</b>	<b>Division</b>	<b>Location</b>	<b>Date</b>	<b>Posted On</b>
					MIDDLETOWN TIMES HERALD RECORD KINGSTON DAILY FREEMAN SULLIVAN COUNTY DEMOCRAT WATERSHEDPOST.COM
ADMINISTRATIVE STAFF ANALYST	DIRECTOR OF MGMT. SERVICES & BUDGET	MS&B	KINGSTON	JAN '15	ONEONTA DAILY STAR MIDDLETOWN TIMES HERALD RECORD KINGSTON DAILY FREEMAN SULLIVAN COUNTY DEMOCRAT WATERSHEDPOST.COM MONSTER.COM CAREERBUILDER.COM
CIVIL ENGINEER III	DAM SAFETY ENGINEER	EASTERN OPERATIONS	VALHALLA	APRIL '15	ENGINEERING NEWS RECORDS ASSOCIATION OF STATE DAM OFFICIALS
ADMINISTRATIVE ENGINEER	CHIEF OF WASTEWATER OPERATIONS	WASTEWATER OPERATIONS	GRAHAMSVILLE	APRIL '15	MIDDLETOWN TIMES HERALD RECORD KINGSTON DAILY FREEMAN
MECHANICAL ENGINEER INTERN	MECHANICAL ENGINEER INTERN	OPERATIONS	GRAHAMSVILLE	APRIL '15	ONEONTA DAILY STAR MIDDLETOWN TIMES HERALD RECORD

<b>Civil Service Title</b>	<b>Business Title</b>	<b>Division</b>	<b>Location</b>	<b>Date</b>	<b>Posted On</b>
					KINGSTON DAILY FREEMAN SULLIVAN COUNTY DEMOCRAT
COMPUTER ASSOCIATE (SOFTWARE)	COMPUTER ASSOCIATE (SW)	WATER QUALITY	VALHALLA	MAY '15	DICE.COM HUDSONVALLEYHELPWANTED.COM
CIVIL ENGINEER III	DAM SAFETY ENGINEER	EASTERN OPERATIONS	VALHALLA	JUNE '15	NEW YORK STATE SOCIETY OF PROFESSIONAL ENGINEERS
ASSOCIATE PROJECT MANAGER	ENVIRONMENTAL PROJECT MANAGER	EHS	VALHALLA	JUNE '15	MONSTER.COM
WATERSHED MAINTAINER	WATERSHED MAINTAINER	OPERATIONS	PINE HILL	JUNE '15	ONEONTA DAILY STAR KINGSTON DAILY FREEMAN WATERSHEDPOST.COM

**Table 3. FY15 FAD Capital Budget**

Program	Contracting Entity	FY15 Disbursements (Payments)	Costs Scheduled for Disbursements 2016 - 2019	APPROPRIATIONS*				Total Program Costs FY15-FY19
				FY16	FY17	FY18	FY19	
<b>Environmental Infrastructure</b>								
WWTP Upgrade Program	Environmental Facilities Corp.	\$3,363,825	\$32,616,297	\$5,000,000	\$10,000,000	\$0	\$0	<b>\$50,980,123</b>
Capital Equipment Replacement Program	Environmental Facilities Corp.	\$0	\$7,340,000	\$0	\$0	\$0	\$0	<b>\$7,340,000</b>
New Sewage Treatment Infrastructure	Catskill Watershed Corp. & Environmental Facilities Corp.	\$3,572	\$17,081,846	\$0	\$0	\$0	\$0	<b>\$17,085,418</b>
Community Wastewater Management	Catskill Watershed Corp.	\$2,966,946	\$29,500,000	\$0	\$0	\$0	\$0	<b>\$32,466,946</b>
Sewer System Extension Program	Multiple with private contractors	\$2,625,000	\$9,091,000	\$2,455,000	\$0	\$0	\$0	<b>\$14,171,000</b>
Stormwater Retrofit WOH Program	Catskill Watershed Corp.	\$0	\$9,083,227	\$875,000	\$0	\$0	\$0	<b>\$9,958,227</b>
<b>Protection and Remediation</b>								
Flood Hazard Mitigation Program	Catskill Watershed Corp.	\$0	\$15,000,000	\$0	\$0	\$0	\$0	<b>\$15,000,000</b>
Land Acquisition Hard Costs	Watershed Landowners & Partnerships	\$12,537,475	\$15,313,000	\$13,740,000	\$20,000,000	\$20,000,000	\$29,744,000	<b>\$111,334,475</b>
Land Acquisition Soft Costs	Multiple Agreements	\$1,560,061	\$4,495,014	\$6,900,000	\$520,000	\$0	\$0	<b>\$13,475,075</b>
Land Management Program	Multiple Agreements	\$163,000	\$154,833	\$235,000	\$1,075,000	\$0	\$0	<b>\$1,627,833</b>
Watershed Agricultural & Forestry Program	Watershed Agricultural Council	\$3,877,000	\$6,597,060	\$0	\$0	\$0	\$0	<b>\$10,474,060</b>
Stream Management Program	Multiple Agreements	\$13,644,555	\$26,937,467	\$4,579,000	\$5,997,000	\$0	\$0	<b>\$49,387,022</b>
Kensico Water Quality Programs	Multiple with private contractors	\$328,000	\$279,116	\$1,796,000	\$0	\$0	\$0	<b>\$2,403,116</b>
EOH Non-Point source Control	Multiple with private contractors	\$4,500,000	\$0	\$11,274,000	\$10,832,000	\$0	\$0	<b>\$26,606,000</b>

Program	Contracting Entity	FY15 Disbursements (Payments)	Costs Scheduled for Disbursements 2016 - 2019	APPROPRIATIONS*				Total Program Costs FY15-FY19
				FY16	FY17	FY18	FY19	
Catskill turbidity Control - Operations Support Tool	Gannett Fleming/Hazen & Sawyer PC, JV	\$0	\$0	\$0	\$0	\$0	\$150,000	\$150,000
Catskill Turbidity Control - Shaft 4 & Stop Shutters	Multiple with private contractors	\$9,461,119	\$4,772,345	\$0	\$0	\$0	\$0	\$14,233,464
<b>Watershed Monitoring, Modeling and GIS</b>								
Watershed Monitoring	Multiple with private contractors	\$35,500	\$78,000	\$0	\$0	\$115,000	\$0	\$228,500
Modeling Program	Multiple with private contractors	\$304,000	\$31,973	\$0	\$0	\$0	\$0	\$335,973
Geographic Information System Program	Multiple Agreements	\$0	\$0	\$440,000	\$373,000	\$0	\$0	\$1,343,000
<b>Regulatory Programs</b>								
CAT/DEL Ultraviolet Disinfection (UV)	Multiple with private contractors	\$15,567,982	\$30,266,445	\$0	\$0	\$0	\$0	\$46,740,427
<b>Totals</b>		<b>\$59,940,540</b>	<b>\$211,242,933</b>	<b>\$44,694,000</b>	<b>\$48,277,000</b>	<b>\$20,115,000</b>	<b>\$29,894,000</b>	<b>\$414,163,473</b>

**Table 4. FY15 FAD Expense Budget**

<b>Program</b>	<b>Contracting Entity</b>	<b>FY15 Disbursements</b>	<b>FY16</b>	<b>FY17</b>	<b>FY18</b>	<b>Total Program Costs FY15-FY18</b>
<b>Environmental Infrastructure</b>						
Septic Rehabilitation Programs	Catskill Watershed Corp.	\$5,400,000	\$7,200,000	\$7,200,000		<b>\$19,800,000</b>
New Infrastructure Program	Catskill Watershed Corp.	\$1,960,168	\$2,291,348	\$2,360,089	\$2,430,891.87	<b>\$9,042,497</b>
Community Wastewater Mgmt.	Multiple Purchases	\$714,506	\$1,085,167	\$1,117,721	\$1,151,252.79	<b>\$4,068,647</b>
WWTP Upgrade Program	Multiple Purchases	\$12,596,590	\$14,720,679	\$15,309,506	\$15,768,791.08	<b>\$58,395,565</b>
Stormwater Retrofit Program	Catskill Watershed Corp.	\$0	\$300,200	\$300,200		<b>\$600,400</b>
<b>Protection and Remediation</b>						
Waterfowl Management Program	HDR	\$1,699,288	\$1,600,475	\$1,600,475		<b>\$4,900,238</b>
Watershed Agricultural Program	WAC	\$5,464,384	\$5,953,594	\$6,337,627		<b>\$17,755,606</b>
WAC Stewardship	WAC	\$0	\$607,000	\$607,000	\$607,000	<b>\$1,821,000</b>
Stream Management Program	Multiple SWSD	\$2,305,731	\$4,285,776	\$4,172,553		<b>\$10,764,060</b>
Flood Hazard Mitigation	CWC	\$1,000,000	\$0	\$500,000		<b>\$1,500,000</b>
WaLIS/GIS	Multiple Contracts and Purchases	\$577,153	\$533,327	\$1,141,848		<b>\$2,252,328</b>
Land Management	Multiple Contracts and Purchases	\$111,643	\$1,030,000	\$280,000		<b>\$1,421,643</b>
Tax Litigation Avoidance Program	CWC	\$0	\$250,000	\$250,000		<b>\$500,000</b>
Catskill Watershed Corp Operating funds	CWC	\$291,575	\$291,575	\$291,575		<b>\$874,725</b>
LAP Advertising	Miller Advertising	\$18,389	\$39,000	\$39,000		<b>\$96,389</b>

<b>Program</b>	<b>Contracting Entity</b>	<b>FY15 Disbursements</b>	<b>FY16</b>	<b>FY17</b>	<b>FY18</b>	<b>Total Program Costs FY15-FY18</b>
Kensico Water Quality Control Programs	Transit Construction Corp	\$743,749	\$1,062,273	\$1,062,273	\$1,062,273	<b>\$3,930,568</b>
Catskill Turbidity	Multiple	\$131,823	\$500,000	\$500,000		<b>\$1,131,823</b>
Education Outreach	Catskill Watershed Corp.	\$235,246	\$200,000	\$200,000		<b>\$635,246</b>
<b>Watershed Monitoring, Modeling and GIS</b>						<b>\$0</b>
Watershed Monitoring Programs	Multiple Purchases	\$159,421	\$175,000	\$175,000		<b>\$509,421</b>
Multi-tiered Water Quality Modeling Program	Multiple Purchases	\$254,058	\$620,000	\$620,000		<b>\$1,494,058</b>
Geographic Information Systems Program	Multiple Purchases	\$0	\$20,000	\$20,000		<b>\$40,000</b>
<b>Regulatory Programs</b>						
Watershed Rules & Regulations	HDR	\$55,649	\$100,000	\$0		<b>\$155,649</b>
Delegation-Local Health Departments	Contracts with Westchester, Putnam & Ulster Counties	\$406,683	\$491,028	\$491,028	\$491,028	<b>\$1,879,767</b>
Future Stormwater Controls	CWC	\$0	\$500,000	\$250,000	\$250,000	<b>\$1,000,000</b>
Waterborne Disease Risk Assessment Program	NYC Dept. of Health	\$23,071	\$30,300	\$30,300	\$30,300	<b>\$113,971</b>
FAD Plug	Multiple Purchases	\$2,316,863	\$2,316,863	\$2,316,863	\$2,316,863	<b>\$9,267,452</b>
<b>Totals</b>		<b>\$36,465,989</b>	<b>\$46,203,605</b>	<b>\$47,173,058</b>	<b>\$24,108,400</b>	<b>\$153,951,052</b>