

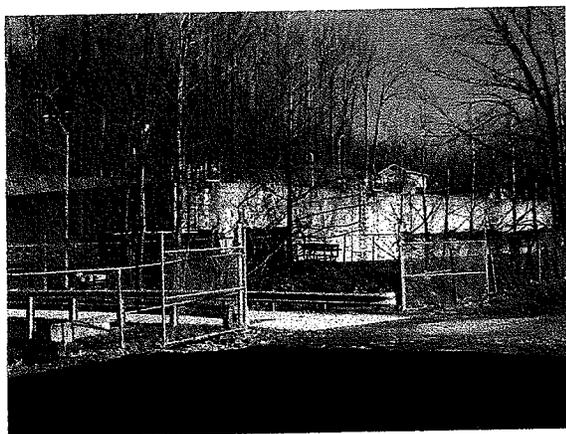
## **Wastewater Treatment Plant Annual Report, 2012**

Jason M. Milani, Plant Supt.

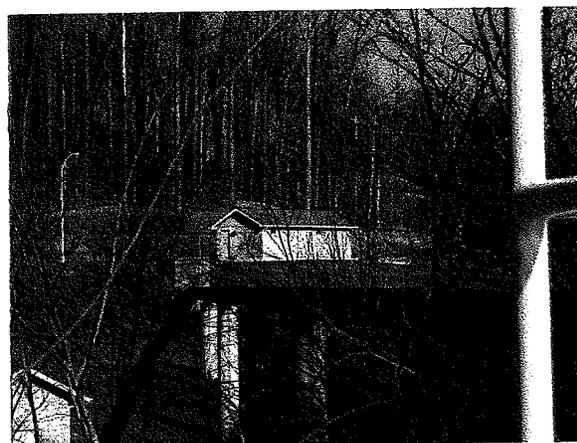
### **Plant Flow:**

During the year of 2012 the Bedford Wastewater Treatment Plant treated a total flow of 816,376,000 gallons. Average daily flow for 2012 was 2.231 million gallons. This was a decrease from 2011 (0.439 MGD/day or 439,000 gallons per day). Part of this decrease can be attributed to less precipitation for the year which was down by an average of 1.49" per month from 2011. 2011 was the wettest year on record for the City of Bedford.

### **Flow Control/ Equalization basin:**



**Plant Equalization basin**



**Flow control building and main trunk line**

The plant flow is controlled by a sluice gate prior to the equalization basin. The sluice gate receives a 4-20 milliamp signal from the plant flow meter and opens or shuts accordingly to maintain flow at a rate which is optimal for desired plant performance. When the gate closes, flow is diverted into the equalization basin. This wastewater is then pumped back into the plant when influent flows decrease. (usually during the nighttime). This is accomplished manually at operator discretion. When the equalization

basin is emptied, the entire floor must be cleaned using fire hoses to move the residual sludge to the pump hopper chamber where it can be pumped back into the plant for further treatment. When it is not convenient or practical to pump the sludge into the plant, one foot of wastewater is left in the tank to mask odors emanating from the residual sludge.

When the capacity of the equalization basin is exceeded (2.1 million gallons), it overflows into the plant outfall where it is merged with the final effluent. Currently, any equalization basin overflow is now counted as a separate sample point and not considered in the final effluent samples.

The Equalization basin was rehabbed in 2012 which consisted of cleaning, resealing the expansion joints and installation of two submersible replacement pumps.

In 2012 new bar screens were fabricated by plant personnel and installed. These new screens filter out smaller solid matter than the previous screens and took the place of a comminutor (mechanical shredding device).

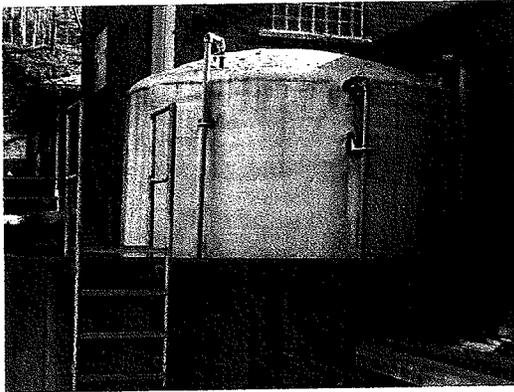
### **Preliminary Treatment:**

#### **Grit Chambers**

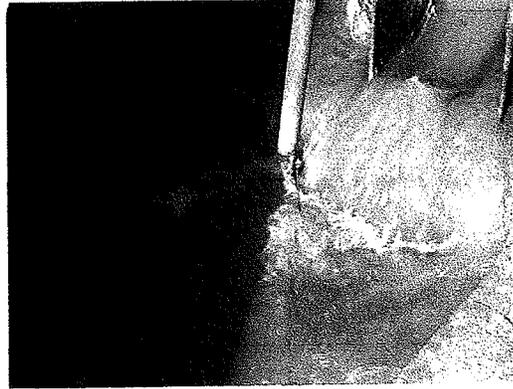
As wastewater flows into the headworks of the plant it is divided into two channels. Each channel is equipped with a coarse bar screen that filters out large objects. The comminutors are located directly after the bar screens. These devices shred the finer debris that make it through the bar screens. One comminutor is not operational at this time and the other is a newer unit, which is just beginning to have maintenance issues. These units should be replaced in the near future with modern shredding equipment.

The wastewater then flows into two grit removal channels where the velocity of the sewage is maintained at a rate where the inorganic particles (grit) are settled out. Grit is removed because it's abrasive nature can damage pumps and other plant equipment. The accumulated grit is then drained into the grit storage bed. This is disposed of in a roll off box. and taken to a sanitary landfill.

## **Ferric Chloride:**



**Ferric Chloride Storage Tank**

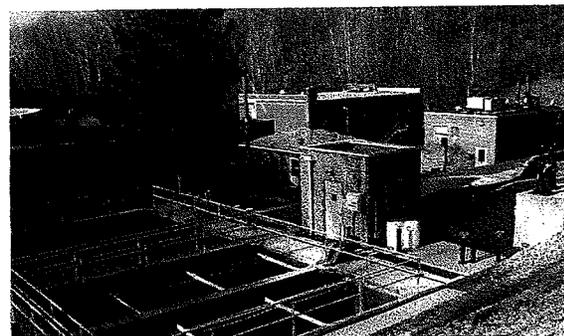
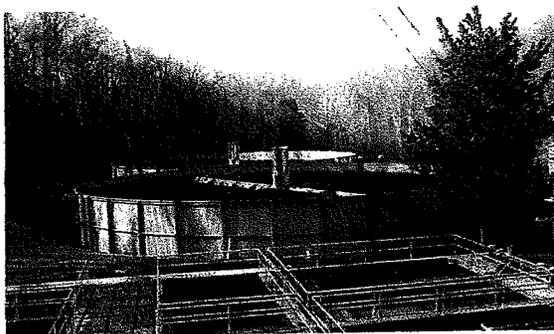


**Ferric Chloride addition to influent**

Ferric chloride is added to the plant influent at a point where the grit channels merge. This chemical precipitates suspended solids along with phosphorus. Ferric Chloride is the catalyst for phosphorus removal. The plant would not be able to remove the majority of the phosphorus without this addition. Since the initiation of both new oxidation towers to the plant process a further reduction in Ferric Chloride use has been realized. In 2009, with the issuance of a new discharge permit, the final effluent limitation for total phosphorus is now 0.7 mg/l, a decrease from the 1.0mg/l previous limit. This new, more stringent limitation means additional ferric chloride use is inevitable. Also, the Ohio EPA would like for all of the treatment plants in the Tinkers Creek basin to voluntarily reduce phosphorus discharge to below 0.2 mg/l which may be attainable with increased addition of Ferric Chloride. In 2012 the dosage was increased and the levels of phosphorus in the final effluent have declined (see attached data).

## **Primary Treatment**

### ***Primary Settling:***



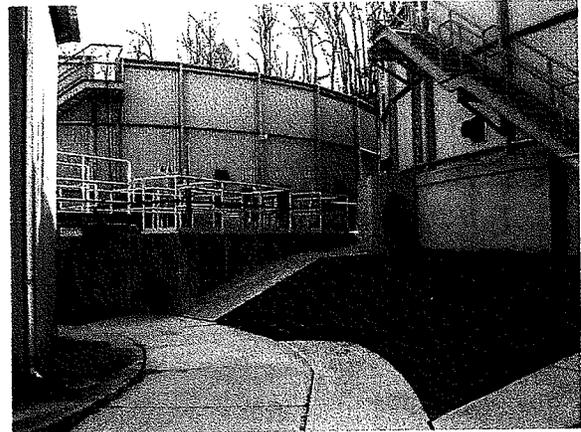
## **Primary settling tanks**

Primary settling consists of six tanks with a total capacity of 327,000 gallons.

Wastewater flows slowly through these tanks, while the solid matter is settled out and the floating matter is collected and skimmed off for removal. The solid matter (sludge) is collected in hoppers on the floor of the tanks through the means of a collector/skimmer system. The sludge is then drawn off these tanks and flows to the sludge thickener. The remaining wastewater then continues into the secondary treatment process. A majority of the suspended solid matter in the wastewater is removed during this process. In 2012 two tanks were taken out of service during periods of low flows due to the fact that longer retention times result in a decline in dissolved oxygen resulting in anaerobic conditions which are detrimental to the primary treatment process.



**West Oxidation Tower**



**Primary effluent pumps**



**East Oxidation Tower**

## **Secondary Treatment**

### **Oxidation Tower(s):**

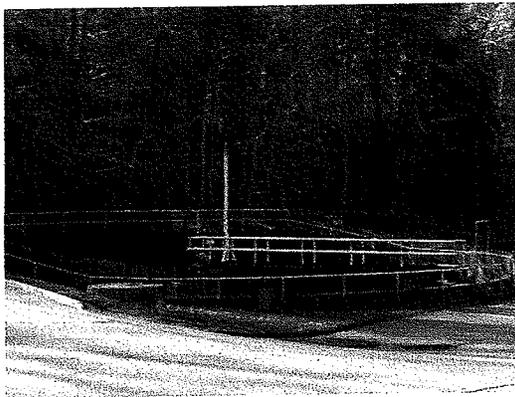
2005 was the first full year of operation for the newly constructed oxidation towers. After becoming established with the proper colonies and population of nitrifiers and aerobic bacteria the towers perform as expected, especially in the area of ammonia nitrogen removal. This is due to the increased surface area of the two towers for establishing colonies of bacteria. Also, pumping capacity and recirculation rates have increased with the new design. This is a positive point since plant flows are increasing with each passing year, partly due to the fact of increased water usage at Ben Venue laboratories. Increased recirculation rates are a benefit as they allow more wastewater to be treated in times of increased plant flow. Secondary treatment capacity with the old system was approximately 3.5 MGD. Currently it stands at approximately 5.0 MGD.

The result is less diversion of wastewater to the plant equalization basin which sometimes result in overflows. The oxidation towers continued to perform well for the year 2012 with NH<sub>3</sub> ammonia and C.B.O.D. levels far below effluent limitations. There have, although been serious issues with the primary effluent pumps that feed the filters. Two of the three had to be rebuilt in 2010 and another in 2012. In 2012 efforts were taken to modify the influent flow to prevent cavitation of these pumps. Plant personnel designed and installed two baffles at the inlet to minimize turbulence in the chamber.

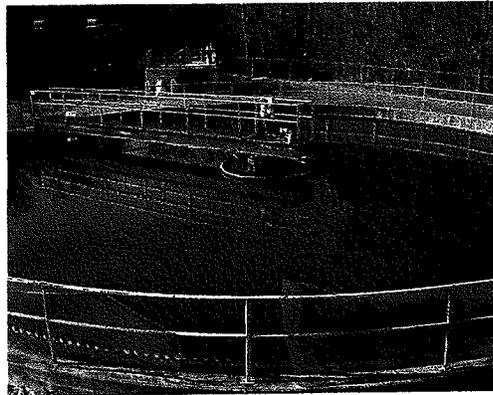
### Final Clarifiers:

During this second stage of secondary treatment wastewater flows from the oxidation tower to the two final clarifiers where remaining suspended solids are settled and collected on the bottom of these tanks and then pumped to primary treatment for further processing.

**Old Final Clarifier (installed in 1974)**

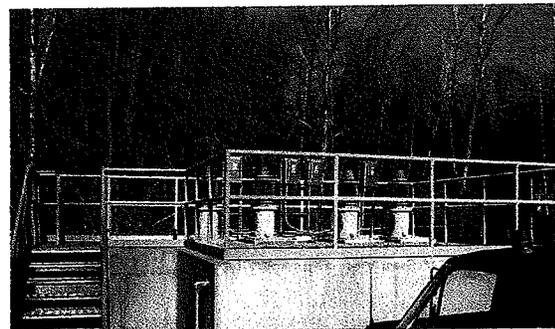
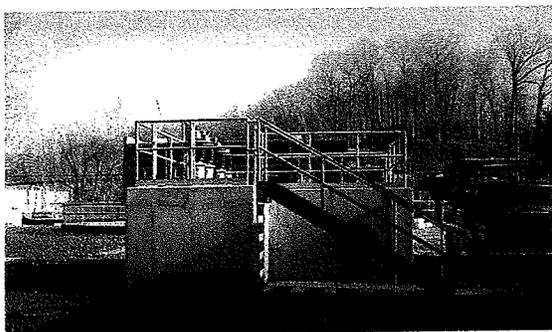


**New Final Clarifier (installed in 1990)**



### Pump Station:

The pump station receives flow from the final clarifiers. This station is equipped with four Fairbanks-Morse vertical turbine pumps that pump the wastewater to the rapid sand



filter. A level sensor that senses the level in the pump station and operates the pumps according to the flow rate entering the station controls the pumps. Any flow in excess of the capacity of the pumps is bypassed directly into the chlorine contact tanks. Also, leaves from the final clarifiers continue to be an issue, hindering pump performance.

### **Sand Filter Pump Station**

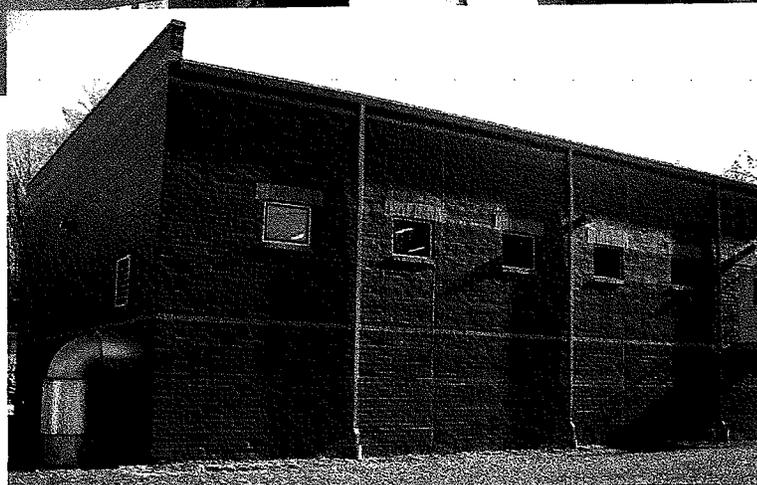
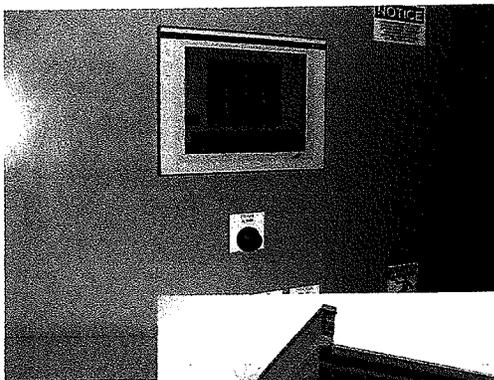
#### **Tertiary Treatment**

##### **Rapid Sand filters:**

The Rapid Sand Filters were installed during 2002-2003 and were put into full operation in May, 2003. This process was part of a much-needed update to plant operations.

Effluent quality has improved especially with the completion of the oxidation towers.

The sand filters consist of four filter beds with 10 inches of sand media, underdrain system, clearwell and clearwell pumps for backwash purposes, mudwell and mudwell pumps to transfer backwash wastewater to the headworks of the plant, a chemical clean system, and fully automated controls for pumps, blowers valves and all other associated equipment.



**Sand Filter Control Panel**

**Sand Filter influent entering one cell**

**Sand Filter Building showing influent piping from lift station**

In 2012 the CPU which controls the entire system was ruined during a power spike. This was ordered and replaced by myself. Insurance covered most of the cost.



**Sand filter influent showing screens, purchased for filtering debris, especially leaves which are a problem in autumn.**

The result of the sand filter installation is a definite improvement in effluent quality. Supporting data collected over the last year indicates a suspended solids removal efficiency of over 59% through the sand filters alone in 2012. This data was acquired in house using sample analysis of the influent flow to the sand filter versus the plant effluent flow. This data is enclosed in this report.

**Disinfection**

**Ultraviolet lighting**

The new Ultraviolet disinfection facility was implemented in 2012. This system does away with Chlorine gas disinfection which had been used previously. The system operated efficiently during the year and resulted in some of the lowest fecal coliform bacteria counts in the history of the treatment plant. This was obtained using only one bank of lights (the system is equipped with dual banks). The safety factor compared to chlorine gas is very significant. Plus, the costs associated with running the UV lighting compared to chlorine gas is slightly less.

**Dechlorination:**

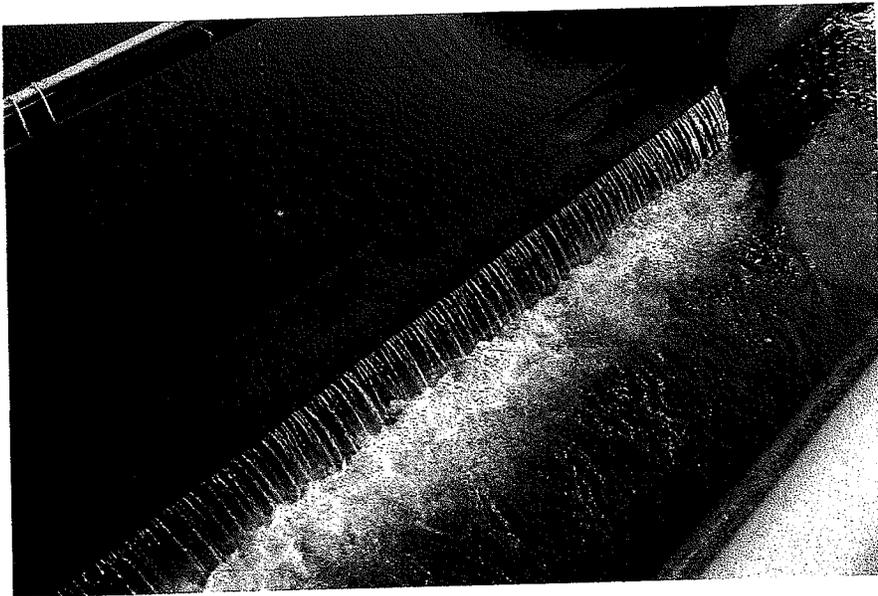
Now that the new Ultraviolet disinfection facility has been installed there will be no use for dechlorination.

**Defoamer**

A silicone based, food grade defoamer is fed to the plant effluent to reduce the foaming characteristics inherent in the effluent wastewater. The feed pump is controlled by a

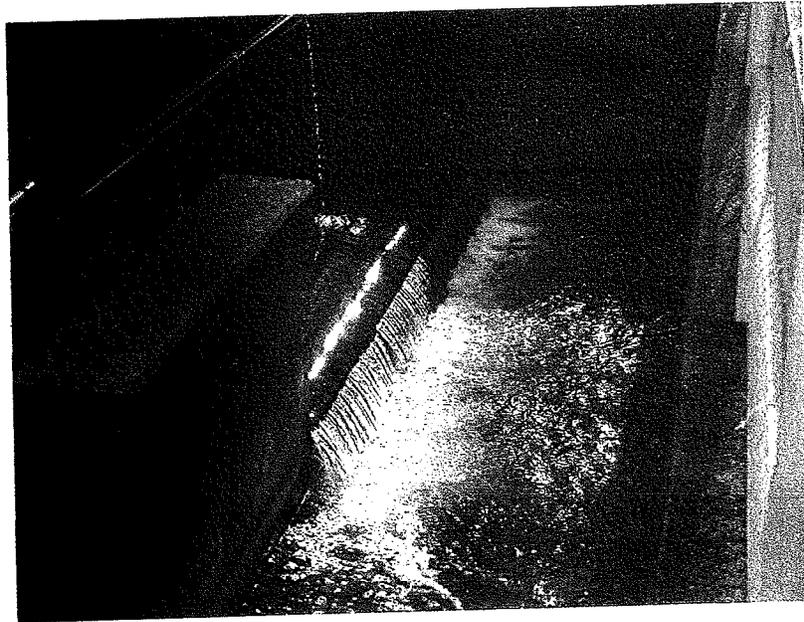
signal from the influent flow meter and is flow-proportional as well. The foaming problem was researched some years ago and the outside laboratories that performed testing for us were at a loss to explain the origin. Actually the plant effluent develops *more* foam the cleaner it gets and has always been a sign of a clean effluent. More research has concluded that *surfactants* contribute to this foaming issue. Surfactants are found in soaps and detergents and are extremely difficult to remove in this type of treatment process.

### **Wastewater Treatment Plant Effluent**





Wastewater Treatment Plant Effluent entering Wood Creek



Wastewater treatment plant effluent

## **Sludge Processing**

### Sludge Thickener:

Raw sludge that is drawn off the primary clarifiers flows into the sludge thickener. The purpose of this process is to thicken the sludge as much as possible for pumping into the primary digester. The denser the sludge is the more efficiently the sludge processing system works. Sludge is inherently more dense during the colder months so less sludge is processed during that time of year, on average. The remaining wastewater overflows from the sludge thickener to the influent of the oxidation tower for further treatment. Sludge is pumped from the thickener periodically according to the level of the sludge blanket, which is checked daily. A plunger pump on an automatic timer is used for this purpose. The thickened sludge is pumped directly into the primary anaerobic digester via the digester recirculation pump.

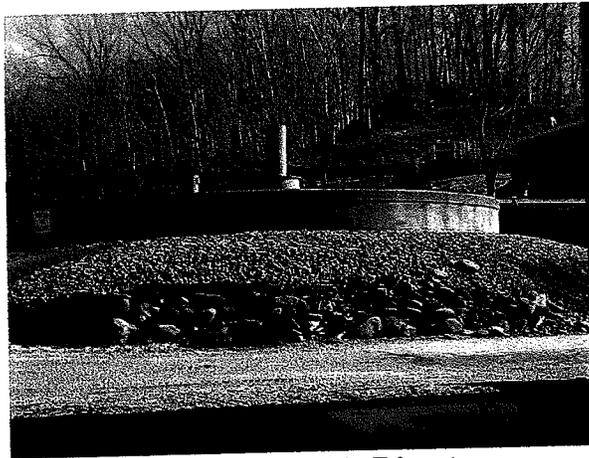
During 2012 a constant influent flow was maintained into the sludge thickener which helped in maintaining an even sludge blanket.

### Anaerobic Digesters:

There are two anaerobic digesters at the plant, a 60 foot diameter primary unit that is heated and recirculated continuously and a 40 foot diameter secondary unit that is basically a holding tank. Thickened sludge is pumped into the primary digester at periodic intervals based on current solids loadings and mixes with the primary digested sludge. This primary digester is kept at a temperature range of 90 – 97 degrees fahrenheit for optimal proliferation of anaerobic bacteria. At this temperature range the bacteria break down the organic matter in the raw thickened sludge and produce methane gas. This methane gas is used to heat the digester boiler/heat exchanger unit which, in turn, heats the sludge passing through it as it is recirculated. If the sludge is not kept in the correct temperature range, methane will not be produced in enough quantity to heat the boiler that keeps the sludge at the desired temperature. Each system is therefore, dependent on the other. This boiler is now 50 years old and will soon need replacement. If the boiler fails and the sludge temperatures deviate from the desired range, volatile

reduction will not occur and limitations will not be met. Currently the limitations for volatile reduction are set at 38% or greater. With the digesters operating more efficiently since they were cleaned in 2001 the volatile reduction averaged 61.48% in 2003. Volatile reduction for the year 2004 remained efficient at 56.97%. Volatile reduction in 2005 was 54.51%. Volatile reduction for 2007 was 57.18%. In 2008 that figure was 60.56% and in 2009, 59.37%. For the year 2010 the Volatile reduction was 58.50%. In 2011 the Volatile reduction was 55.45%. VR in 2012 averaged 56.75% Greater volatile reduction results in more volatile matter destroyed. The destroyed volatile matter is converted into H<sub>2</sub>O and can be removed from the secondary digester in the daily process of drawing off supernatant. Supernatant is the liquid above the sludge blanket left over as the sludge is allowed to settle in the secondary digester. Better volatile reduction results in better settling in the digester and thus, less sludge production, since the sludge is denser. 258.56 dry tons of sludge were removed from the plant in 2012. The digesters are in need of cleaning again. This should be a priority.

Also in 2012, enzymes continued to be added to the primary digester by plant personnel. These enzymes aid in the biological process and contribute in the volatile reduction process.



**Secondary Anaerobic Digester**

### Belt Press:

The Belt press receives digested sludge from the secondary digester via a progressing cavity type pump that can handle high solids loads. Typical solids content of the feed sludge to the belt press averages 2 – 3%. The sludge is mixed with a cationic polymer that separates the solids from the water and is agitated in a fine-screened drum to remove some of the liquid content. It then flows onto a porous belt and squeezed between two belts which travel between a system of variously sized rollers where additional liquid is removed until the sludge falls into an auger and is moved into a hopper and falls into a dump truck parked in the garage below. Total solids content of the sludge at this final stage averaged 26.4% in 2011. A total of 126 loads were removed in 2012 compared to 116 in 2011.

Total volatile content averaged 42.71% as opposed to 63.28% in the sludge prior to digestion.

### **Laboratory:**

Various pollutants are analyzed in the plant laboratory according to the NPDES permit. These include Water temp., C.B.O.D., Suspended solids, Total phosphorus, NH<sub>3</sub> ammonia, Total Kjeldahl Nitrogen, Oil and Grease, Nitrate + Nitrite, Total chlorine residual, Dissolved oxygen content, Fecal coliform, and pH in the final effluent. Total phosphorus, NH<sub>3</sub> ammonia, C.B.O.D., Suspended solids, and water temp. in the raw wastewater. Stream sample analysis of the upstream and downstream of the plant effluent include Water Temp., Fecal coliform, NH<sub>3</sub> ammonia, C.B.O.D., pH, Dissolved oxygen content and Suspended solids content. Sludge analysis consists of Total phosphorus, NH<sub>3</sub> ammonia and Total Kjeldahl nitrogen. An outside laboratory is used to determine heavy metal content in the sludge and final effluent, as we are not equipped to do so.

In 2011 process control analysis were performed at regular intervals to determine the efficiency and removals in each treatment process. This data is included also.

## **Maintenance:**

During 2012 plant personnel replaced or repaired equipment in the following areas:

- Replaced various motors.
- Rebuilt various pumps.
- Painted interiors of lift stations and buildings at the plant.
- Painted outdoor equipment at the plant.
- 1 primary effluent pumps were rebuilt and installed.
- Completed 12 months of operating reports and submitted to Ohio EPA.
- Completed State and federal sludge disposal reports and submitted.
- Grit, screenings and grease were collected and disposed of off site.
- Continued to remove and unplug lift station pumps at heather road lift station. These pumps often clog and are repaired on an average of once per week. Some sort of retrofit is desperately needed here.

**Mercury:** Effluent low-level mercury analysis has been performed by an accredited and EPA approved laboratory for the past few years and the results are encouraging enough to believe that the 11.0 ng/l limitation is attainable.

We also sample randomly including lift station and plant influent as well as stream samples from various locations.

Ng/l = nanograms per liter which is equivalent to parts per *trillion*.

The city has received a variance of 11.0 ng/l and is currently meeting limitations.

One interesting note – Mercury analysis performed on precipitation gathered at the plant were often above effluent limitations.

## **Lift Stations:**

The lift stations throughout the city convey wastewater to the treatment plant. Some of the larger capacity lift stations are in need of rehabilitation since the last upgrade

occurred in 1987. The Archer road lift station is of primary concern and should be addressed as soon as possible.

**The following are data from 2011 and also plant performance for the prior decade for comparison.**



Yearly Sludge Data  
Due to digester cleaning, 2001 data not included in average calculations.

	# loads	#loads/ month	tons	tons/month	(.9066) metric tons	metric tons/month	% solids	% vol. Solids	thick % vol. Solids	% vol. Reduction	MCRT	NH3-N	TKN	PO4
1995	181	15.1	331.75	27.65	300.76	25.06	26.7	45.31	64.02	53.43		629	1903	945
1996	186	15.5	362.74	30.23	328.86	27.41	28.5	43.71	60.95	50.26		586	1827	1093
1997	178	14.8	330.26	27.52	299.41	24.95	27.5	45.58	62.37	49.47		727	1858	1237
1998	185	15.4	331.39	27.62	300.44	25.04	26.2	46.85	63.16	48.58		532	1697	1137
1999	183	15.3	318.49	26.54	288.74	24.06	26.9	46.64	64.31	51.49		508	1753	1762
2000	197	16.4	338.19	28.18	306.60	25.55	26.9	46.27	63.28	50.02		408	6408	6769
<b>Avg</b>	<b>185</b>	<b>15</b>	<b>335.47</b>	<b>27.96</b>	<b>304.14</b>	<b>25.35</b>	<b>27.1</b>	<b>45.73</b>	<b>63.01</b>	<b>50.55</b>		<b>565</b>	<b>2574</b>	<b>2157</b>
2001	81	6.8	796.04	66.34	721.69	60.14	22.6	45.26	68.41	61.82		722	7354	7785
2002	82	6.8	167.98	14.00	152.29	12.69	26.0	39.29	66.60	67.54		843	7969	9099
2003	100	8.3	199.09	16.59	180.49	15.04	24.9	40.47	63.85	61.51		712	8151	8538
2004	93	7.8	205.71	17.14	186.50	15.54	27.1	40.28	61.25	57.33		672	8688	9142
2005	107	8.9	214.42	17.87	194.39	16.20	24.5	43.43	62.82	54.56		620	7108	8370
2006	124	10.3	266.06	22.17	241.21	20.10	25.4	42.33	63.30	57.45	43.3	684	8038	7965
2007	112	9.3	233.04	19.42	211.27	17.61	25.0	44.12	64.89	57.27	44.6	607	6610	8445
2008	113	9.4	228.14	19.01	206.83	17.24	23.4	45.57	67.99	60.58	48.4	315	4412	6220
2009	112	9.3	242.73	20.23	220.06	18.34	24.6	45.12	67.01	59.52	46.2	644	5515	7320
2010	121	10.1	250.4	20.87	227.01	18.92	24.7	44.67	66.05	58.50	45.9			
2011	116	9.7	251.7	20.98	228.19	19.02	25.7	42.16	62.07	61.82	46.5			
2012	126	10.5	258.56	21.55	234.41	19.53	26.4	42.71	63.28	56.75	57.6			
<b>Avg</b>	<b>110</b>	<b>9.1</b>	<b>228.89</b>	<b>19.08</b>	<b>207.51</b>	<b>17.29</b>	<b>25.2</b>	<b>42.74</b>	<b>64.46</b>	<b>59.35</b>	<b>47.5</b>	<b>637</b>	<b>7061</b>	<b>8137</b>

City of Bedford WWTP Upstream Results 2012

	Temp	DO	pH	NH3	Hg	NO3-NO2	PO4	Fecal	Toxicity
Jan	4.5	12.9	8.1	0.021	1.83				
Feb	9.5	11.6	8.2	0.206	1.71				
Mar	9	10.01	8.2	0.017	1.9	4.1	0.105		
Apr	10	10.7	7.9	0.023	ND	0.05	0		
May	16	8.2	8.1	0.019	1.43	0	0.06	180	
Jun	19	8.3	8.02	0.018	2.69	0	0.004	160	
Jul	20	7.9	7.9	0.043	0.6	0	0	1080	
Aug	19.8	7.7	7.95	0.035	ND	2.75	0.02	250	
Sep	16.3	7.7	8.1	0.027	0.5	1.75	0.07	600	
Oct	12.9	9.43	8.1	0.029	2.29	0.015	0.002	330	
Nov	9	10.22	8.2	0.052	ND	2.75	0.005		
Dec	11.5	11	8	0.033	1.99	0	0.05		

Toxicity Legend (from left to right):

- acute 48hr C. dubia
- acute 96hr P. promelas
- chronic 7day C. dubia
- chronic 7day P. promelas

Current/Yearly Flow and Precipitation Data

2013	FLOW	Prec	EQ bp
JAN			
FEB			
MARCH			
APRIL			
MAY			
JUNE			
JULY			
AUG			
SEPT			
OCT			
NOV			
DEC			
TOTAL			
AVG	#DIV/0!	#DIV/0!	
MGD	#DIV/0!		

	Flow (total MG)	Flow (monthly average)	MGD	Prec. (total in.)	Prec. (monthly average)
1995	870.163	72.514	2.384	41.16	3.43
1996	1040.807	86.734	2.844	52.64	4.39
1997	924.167	77.014	2.532	42.96	3.58
1998	862.318	71.860	2.363	38.84	3.24
1999	850.658	70.888	2.331	42.64	3.55
2000	888.654	74.055	2.428	47.23	3.94
2001	844.290	70.358	2.313	34.71	2.89
2002	913.123	76.094	2.502	41.21	3.43
2003	1024.082	85.340	2.806	50.51	4.21
2004	1054.055	87.838	2.880	45.46	3.79
2005	1017.545	84.795	2.788	45.53	3.79
2006	1008.923	84.077	2.764	51.57	4.30
2007	949.386	79.116	2.601	47.73	3.98
2008	965.501	80.458	2.638	47.28	3.94
2009	878.698	73.225	2.407	41.61	3.47
2010	868.448	72.371	2.379	40.46	3.37
2011	974.553	81.213	2.670	64.37	5.36
2012	816.376	68.031	2.231	46.4	3.87
AVG	930.653	77.554	2.548	45.68	3.81

2010 (pre-UV)			2011 (pre-UV)			2012 (post-UV)		
Flow	Fecals		Flow	Fecals		Flow	Fecals	
2.056	145		2.94	640		1.99	60	
1.943	110		3.793	430		1.745	1	
2.641	105	MnthAvg	3.376	180	MnthAvg	2.342	1	MnthAvg
2.152	40	2.494	2.188	195	2.927	2.734	55	1.947
3.418	80	115	2.289	50	273	2.327	2	11
2.765	30	Precip	2.08	120	Precip	1.764	3	Precip
2.415	105	5.04	2.74	210	7.5	1.625	1	1.69
3.398	450		3.016	165		1.642	1	
2.344	260		3.554	266		2.212	1	
2.185	30		2.482	465		1.702	3	
2.119	15		3.036	285		1.614	1	
2.059	15		3.632	275		1.667	3	
2.815	295		2.002	60		1.474	1	
2.304	315		1.713	125		1.51	10	
2.424	320		2.676	1520		1.38	1	
3.076	160	MnthAvg	2.721	15	MnthAvg	1.554	7	MnthAvg
3.142	195	2.483	1.703	10	2.225	1.495	3	1.476
2.292	185	250	1.664	5	336	1.472	8	25
2.1	330	Precip	1.897	475	Precip	1.722	110	Precip
1.967	70	3.9	3.339	385	4.17	1.539	15	1.43
2.004	245		2.953	565		1.441	10	
2.188	450		1.921	240		1.354	75	
2.425	190		1.881	295		1.374	25	
3.059	520		1.59	130		1.394	35	
1.889	40		1.56	90		1.325	25	
1.836	95		1.555	125		1.485	40	
1.908	565		1.944	110	MnthAvg	2.035	85	MnthAvg
1.815	150	MnthAvg	1.576	130	1.758	1.448	140	1.483
2.341	175	1.955	1.475	150	369	1.396	70	43
1.877	85	142	1.609	120	Precip	1.369	20	Precip
1.999	20	Precip	2.072	2075	5.69	1.444	75	3.27
1.85	255	3.53	1.765	800		1.414	10	
1.788	115		1.919	380		1.41	20	
1.83	75		1.792	140		1.43	5	
2.034	30		2.242	180		1.505	5	
2.297	100		1.738	205		1.532	20	
1.686	15		2.451	140		1.392	5	
1.701	190		2.22	2120		1.353	10	
2.224	50	MnthAvg	1.894	435	MnthAvg	1.383	2	MnthAvg
1.691	60	1.697	2.217	290	2.182	1.291	3	1.624
1.603	50	204	2.248	860	696	1.454	2	12
2.086	40	Precip	2.584	1885	Precip	2.063	2	Precip
1.53	255	3.03	2.305	485	4.09	1.589	20	3.09
1.507	140		2.246	740		1.449	10	
1.472	75		1.635	140		1.517	15	
1.695	990		1.91	110		1.459	10	
1.623	410		2.734	940		2.826	10	
1.543	175		2.174	1400		1.712	60	
1.446	70		2.048	1260		1.952	175	
1.475	15		2.221	1865		2.886	120	
1.704	510	MnthAvg	2.581	1625	MnthAvg	2.103	115	MnthAvg
1.469	40	1.565	2.41	860	2.598	1.865	360	2.207
1.433	315	232	2.541	525	832	1.649	140	144
1.419	40	Precip	3.212	100	Precip	1.652	60	Precip
1.342	50	3.99	2.631	415	8.82	1.757	75	9.2
1.469	600		2.882	480		2.531	425	
1.421	45		3.301	920		1.66	75	
1.402	580		2.762	175		2.604	55	
1.424	55		2.418	355		2.346	20	
2.771	460		3.43	125		3.483	105	
1.973	45		2.722	145		2.195	20	
2.888	35		2.675	230		2.403	505	
2.427	460		1.707	105		1.869	10	
1.436	30	MnthAvg	1.695	160	MnthAvg	2.624	225	MnthAvg
1.346	25	1.869	2.476	135	2.604	2.591	65	2.082
1.721	20	78	2.22	305	201	1.942	15	112
1.522	45	Precip	2.697	225	Precip	1.905	215	Precip
1.447	55	3.11	3.547	630	5.01	1.76	20	10.32
1.639	10		2.328	55		1.648	10	
1.654	75		2.382	30		1.726	10	
2.385	90		3.368	270		1.894	120	
1.989	40					2.428	130	
Avg	2.004	174	2.385	453		1.794	57	
Max		990		2120			505	
Min		10		5			1	
StdDev		189		517			95	

Cl2: \$0.80/lb 25-30lbs/day Bisulfite: \$3.25/gallon about 100 gallons/mon

2011										
	Raw	Primary Removal	Tower In	Tower Removal	Final Tank In	Final Tank Removal	SF In	SF Removal	Final	R-F Removal
SS	160.06	70.24%	47.63	22.36%	36.98	68.69%	11.58	58.32%	4.83	96.98%
% of total				6.65%		15.87%		4.22%		
CBOD	117.80	67.63%	38.14	78.24%	8.30	47.78%	4.33	19.88%	3.47	97.05%
% of total				25.33%		3.37%		0.73%		
Phos	4.16	64.44%	1.48	7.00%	1.38	61.14%	0.53	34.20%	0.35	91.54%
% of total				2.49%		20.22%		4.40%		
NH3	10.44	4.67%	9.95	96.56%	0.34	10.66%	0.31	40.56%	0.18	98.26%
% of total				92.05%		0.35%		1.19%		
NO3/NO2			3.451		14.47				15.31	
D.O.			7.93		9.38		8.95		8.83	
pH	7.7		7.5		7.6		7.5		7.3	
2012										
	Raw	Primary Removal	Tower In	Tower Removal	Final Tank In	Final Tank Removal	SF In	SF Removal	Final	R-F Removal
SS	179.26	77.62%	40.11	29.05%	28.46	71.75%	8.04	58.88%	3.31	98.16%
% of total				6.50%		11.39%		2.64%		
CBOD	134.78	72.06%	37.66	78.57%	8.07	36.60%	5.12	31.72%	3.49	97.41%
% of total				21.96%		2.19%		1.20%		
Phos	4.55	68.38%	1.44	17.11%	1.19	53.99%	0.55	27.88%	0.40	91.30%
% of total				5.41%		14.15%		3.36%		
NH3	12.98	-0.16%	13.00	96.61%	0.44	10.24%	0.40	43.73%	0.22	98.28%
% of total				96.76%		0.35%		1.33%		
NO3/NO2			4.223		17.84				19.08	
D.O.			7.27		9.17		8.18		7.71	
pH	7.7		7.6		7.7		7.5		7.2	

Monthly/Yearly Precipitation 1995-Present (in inches)

Year	Jan	Feb	Mar	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Yearly Total
1995	6.16	1.64	2.11	4.11	3.51	2.68	3.67	4.92	0.99	4.58	4.55	2.24	41.16
1996	3.49	2.70	3.57	6.37	2.85	6.35	3.86	0.84	7.46	5.45	6.24	3.46	52.64
1997	2.47	3.50	3.72	2.89	7.12	4.03	1.02	5.56	5.18	1.88	2.63	2.96	42.96
1998	4.35	1.78	2.83	6.04	2.60	6.53	2.51	4.05	0.82	2.77	2.10	2.46	38.84
1999	3.73	2.40	2.29	4.32	1.78	2.91	7.68	2.47	4.76	3.33	3.86	3.11	42.64
2000	2.68	2.04	1.58	4.95	6.44	5.18	4.87	4.71	4.67	3.62	3.38	3.11	47.23
2001	1.63	1.47	2.42	3.14	3.26	2.11	1.29	4.19	4.08	5.21	3.06	2.85	34.71
2002	2.76	1.74	4.04	4.46	5.90	2.12	3.61	2.34	4.53	1.63	4.87	3.21	41.21
2003	2.13	3.15	2.50	2.96	9.20	3.15	6.86	3.69	6.10	3.62	3.57	3.58	50.51
2004	3.30	0.81	4.47	4.83	7.12	4.43	3.34	2.81	2.76	2.17	4.20	5.22	45.46
2005	6.71	2.46	1.94	6.49	2.29	3.07	5.09	6.55	3.37	3.08	2.66	1.82	45.53
2006	2.38	3.06	1.05	1.90	5.88	6.54	9.09	3.13	4.86	6.42	4.77	2.49	51.57
2007	6.34	2.13	4.42	3.84	1.24	4.15	1.84	7.39	3.08	3.04	5.58	4.68	47.73
2008	3.31	5.94	6.45	1.55	4.47	4.08	3.32	2.22	4.00	3.52	4.66	3.76	47.28
2009	3.13	2.52	3.70	4.07	2.10	3.21	5.13	4.64	3.99	4.29	1.66	3.17	41.61
2010	2.20	2.97	1.80	1.97	5.04	3.90	3.53	3.03	3.99	3.11	6.22	2.70	40.46
2011	2.11	6.02	5.14	5.97	7.50	4.17	5.69	4.09	8.82	5.01	4.65	5.20	64.37
2012	4.23	2.53	2.62	1.77	1.69	1.43	3.27	3.09	9.20	10.32	1.07	5.18	46.4
2013													
Monthly Average:	3.51	2.71	3.15	3.98	4.44	3.89	4.20	3.87	4.59	4.06	3.87	3.40	45.68
Max:	6.71	6.02	6.45	6.49	9.20	6.54	9.09	7.39	9.20	10.32	6.24	5.22	64.37
Min:	1.63	0.81	1.05	1.55	1.24	1.43	1.02	0.84	0.82	1.63	1.07	1.82	34.71

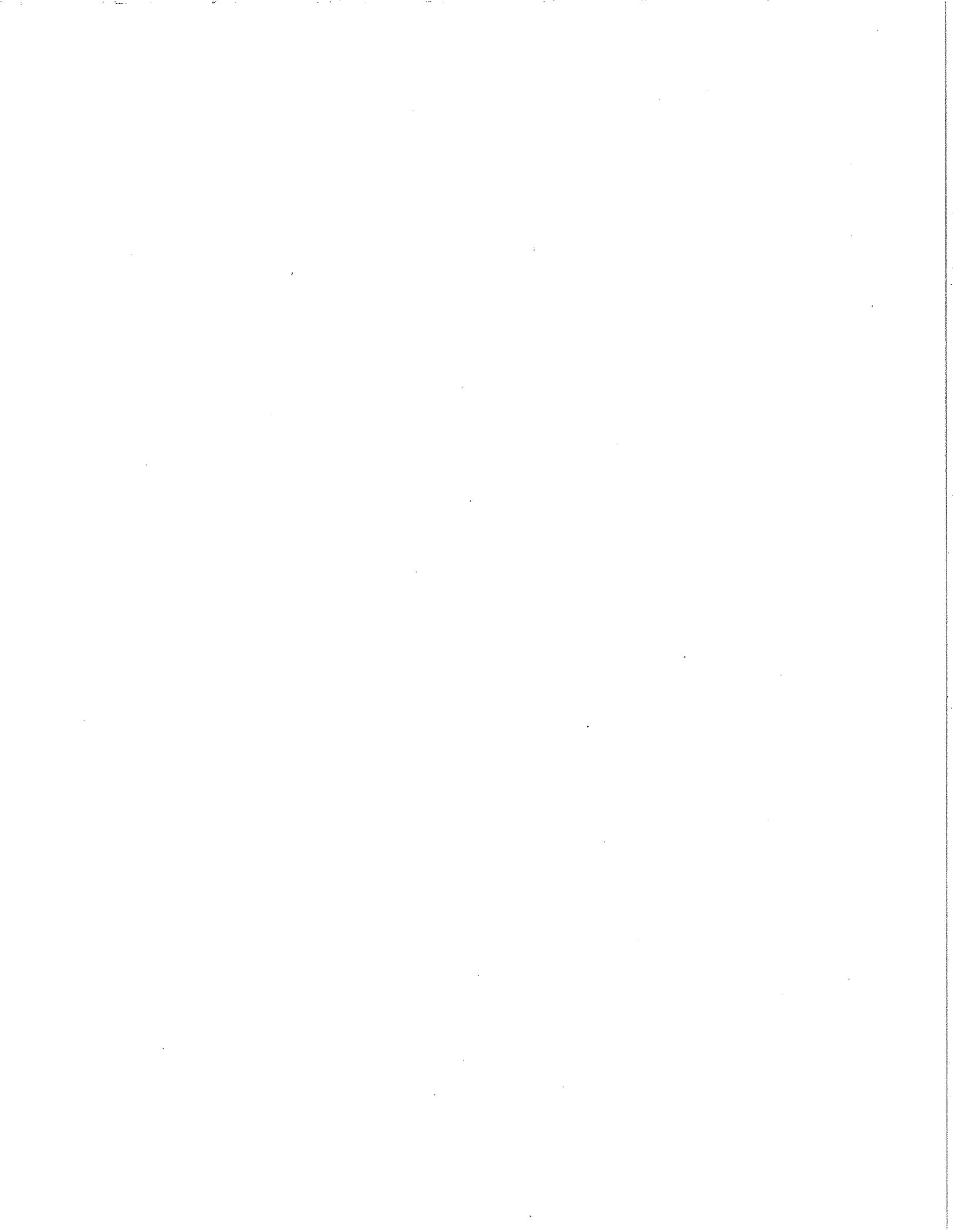
## **SUMMARY**

*The field of modern public works, dealing as it must with complex material, structures, equipment, and supplies, is sometimes associated in the Public's mind with the routine, even dull side of City related affairs.*

*It is true that a well administered Public Works Program may not be particularly conspicuous to the general public. These tasks as accomplished day by day are so much a part of life and living that they are taken for granted. Only in their absence, only in the break in this continuity, are they suddenly missed and understood by those whom they serve. The professionals who make Public Works "work", pride themselves in the anonymity of their activities.*

*We professional Public Works Employees view the aspect of city life with which we deal as seldom dull. Fiscal crisis, labor relations, the workings of the political process, demands of new technology, natural perils from floods to snowstorms, increased ecological and environmental concerns, new personnel management techniques - - all demand a high standard of professionalism.*

*With this in mind, Public Works is seen in its true light as vital, interesting, demanding and deeply rooted with the human relations of the community.*



# BEDFORD MUNICIPAL COURT

165 Center Road • Bedford, Ohio 44146-2898  
440 / 232-3420 • Fax 440 / 232-2510

BRIAN J. MELLING  
*Presiding Judge*

HARRY J. JACOB III  
*Judge*

THOMAS E. DAY JR.  
*Clerk of Court*

JURISDICTION  
BEDFORD  
BEDFORD HEIGHTS  
BENTLEYVILLE  
CHAGRIN FALLS  
CHAGRIN FALLS TWP.  
GLENWILLOW  
HIGHLAND HILLS  
MORELAND HILLS  
N. RANDALL  
OAKWOOD  
ORANGE  
SOLON  
WARRENSVILLE HEIGHTS  
WOODMERE



2 0 1 2

# ANNUAL REPORT

---

---

---

# BEDFORD MUNICIPAL COURT

165 Center Road • Bedford, Ohio 44146-2898

440/232-3420 • Fax 440/232-2510

[www.bedfordmuni.org](http://www.bedfordmuni.org)

BRIAN J. MELLING  
*Judge*

HARRY J. JACOB III  
*Judge*

THOMAS E. DAY, JR.  
*Clerk of Court*

TO THE COUNCIL OF THE CITY OF BEDFORD  
AND THE COUNTY EXECUTIVE OF CUYAHOGA COUNTY:

Greetings:

Pursuant to the requirements of Section 1901.14(A)(4) of the Revised Code of Ohio, submitted herein is the Annual Report of the Bedford Municipal Court for the year ending December 31, 2012. The contents of this report are based upon data assembled and tabulated by Thomas E. Day, Jr., Clerk of Court/Court Administrator and the Court Staff.

The Court's jurisdiction serves the cities/villages of: Bedford, Bedford Heights, Bentleyville, Chagrin Falls, Chagrin Falls Township, Cleveland Metropolitan Parks, Glenwillow, Highland Hills, Moreland Hills, North Randall, Oakwood, Orange, Solon, Warrensville Heights and Woodmere.

A comparison of this report to the 2011 report will reflect that 2012 saw a sizable increase of over 13 % in traffic/criminal division filings. This additional demand on the Court staff took place while the civil division filings remained consistent with its case load of the past few years.

The Court's Probation Department continues its excellent direction under the leadership of Rhys Tucker the Court's Chief Probation Officer. As laws change, invoking more use of community sanctions rather than incarceration, the strain on the Court's probation department continues to increase. This is reflected in the over 30% increase in open probation cases at the closing of 2012, over the previous year. In July, the probation department began using Caseload Pro software to assist in case management. Caseload Pro is a robust case management system that has helped the probation department collect and organize data in a manner that has been very beneficial to the Court. This software has improved the efficiency in our probation department.

All of these increased demands were met while the Court again, through the efforts of its staff, successfully maintained its focus on fiscal responsibility to the citizens of the Court jurisdiction as revenue again exceeded expenses.

## Bedford Municipal Court 2012 Annual Report

In an effort to maximize our ability to collect monies due the Court, the Court has contracted with a collection service. Let it be noted that the fees associated with this service are additional to any fines or court costs due to the Court and the Court bears no responsibility to insure payment of said fees which must be recovered directly from the defendant.

The Court's IT Department, working with the Court's Chief Bailiff, oversaw the implementation of new high-definition digital surveillance cameras. The project was designed to improve security for both the Court staff and the public. The endeavor included replacement of older cameras in the courtrooms as well as additional cameras in both the Court's public spaces and secure holding areas.

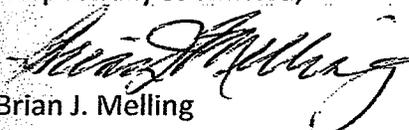
At this time, I wish to take a moment to thank the Court's Administrative team along with our entire staff for another year of hard work and dedication. Once again you have met the everyday challenges in our workplace environment successfully.

Special thanks to our Volunteer Court Liaisons, who donate their time and in doing so contribute greatly to the success of the Court. However, it is with profound sadness that we must announce the passing of two of our volunteers, Richard Dowling, husband of Deputy Clerk Ruth Dowling and Robert Wiedlund. They will be greatly missed.

Finally, I wish to take a moment to thank my colleague and associate Judge Harry J. Jacob III for his generous help and dedication to the goals of the Court. Under his direction, the Court's Outreach Program in conjunction with the Court's Fellowship Program continues to educate the citizens of the Court jurisdiction as to the roll of Bedford Municipal Court in the community.

In closing, a thank you to the Mayors, Law Departments, Police Chiefs, Officers and Staff of the fourteen communities that make up the Bedford Municipal Court's jurisdiction. In particular I wish to thank the City of Bedford Mayor Daniel Pocek, the City Council and staff of the City of Bedford who have provided us with the support needed to continue to serve the public in the manner entrusted to this Court.

Respectfully submitted,

  
Brian J. Melling  
Presiding Judge  
Administrative Judge

# Bedford Municipal Court 2012 Annual Report

## THE BEDFORD MUNICIPAL COURT

Judge Brian J. Melling, Judge Harry J. Jacob III and Clerk of Court Thomas E. Day, Jr. would like to recognize members of the Bedford Municipal Court Jurisdiction. It has been Our pleasure to work with you in a spirit of cooperation and look forward to our continued work together.

### City of Bedford

Mayor Daniel Pocek  
City Manager Henry Angelo  
Prosecutor Kenneth Schuman  
Police Chief Gregory Duber

### City of Bedford Heights

Mayor Fletcher Berger  
Prosecutor Deborah Turner  
Police Chief Michael Marotta

### Village of Bentleyville

Mayor Leonard Spremulli  
Prosecutor Ann Oakar  
Police Chief Timothy Pitts

### Village of Chagrin Falls

Mayor Thomas Brick  
Prosecutor Thomas Hanculak  
Police Chief James Brosius

### Chagrin Falls Township

Service provided by the  
Village of Chagrin Falls

### Cleveland Metropolitan Parks

Prosecutor Anne Eisenhower  
Police Chief Gregory Loftus

### Village of Glenwillow

Mayor Mark Cegelka  
Prosecutor Ross Cirincione  
Police Chief Robert Hagquist

### Village of Highland Hills

Mayor Robert Nash  
Prosecutor Thomas O'Donnell  
Police Chief Antonio Stitt

### Village of Moreland Hills

Mayor Susan Renda  
Prosecutor Santo Incorvaia  
Police Chief Thomas Flauto

### Village of North Randall

Mayor David Smith  
Prosecutor Leonard Spremulli  
Police Chief Ronald Mosley

### Village of Oakwood

Mayor Gary Gottschalk  
Prosecutor Stephen Klonowski  
Police Chief Mark Garratt

### Village of Orange

Mayor Kathy Urdang Mulcahy  
Prosecutor Blair Melling  
Police Chief Chris Kostura

### City of Solon

Mayor Susan Drucker  
Prosecutor Lon Stolarsky  
Police Chief Christopher Viland

### City of Warrensville Heights

Mayor Bradley Sellers  
Prosecutor Keisha Hughes  
Police Chief William Jelenic

### Village of Woodmere

Mayor Charles Smith  
Prosecutor Lon Stolarsky  
Police Chief Sheila Mason

**Bedford Municipal Court  
2012 Annual Report**

**Bedford Municipal Court & Clerk's Office Staff**

Melling, Brian J.	Administrative Judge
Jacob III, Harry J.	Judge
Day, Jr., Thomas E.	Clerk of Courts/Court Administrator
Freda, Joy M.	Acting Judge/Magistrate
Rutsky, Bruce S.	Acting Judge
Abens, Matthew B.	Magistrate
Cirincione, Ross S.	Magistrate
Downey, Brian P.	Magistrate
Glickman, Robert T.	Magistrate
Greenberg, Barbara	Magistrate
Papa, Nicholas A.	Magistrate
Pidala, Sherry A.	Magistrate
Turner, Deborah M.	Magistrate
Pfundstein, Joseph A.	Staff Attorney
Pidala, Candice L.	Domestic Violence Liaison
Garmone, John	Chief Deputy Clerk
Dulaney, Bobbie	IT Administrator
Collier, Leanne	Deputy Court Administrator
DeLuca, Dorine	Deputy Clerk/Judicial Assistant
Smolen, Karen	Deputy Clerk/Judicial Assistant
Arnold, Jeffrey	Deputy Clerk/Part-Time
Bailey, Antrina	Deputy Clerk
Byard, Dyan	Deputy Clerk/Part-Time
Carter, Priscilla	Deputy Clerk
Dowling, Ruth*	Deputy Clerk/Part-Time
Gresham, Karen	Deputy Clerk
Jaklitch, Florence	Deputy Clerk
MacKenzie, Barbara	Deputy Clerk/Bookkeeper
Milakovich, Madelaine	Deputy Clerk
Mosley, Antoinette	Deputy Clerk
Payne, Shannon*	Deputy Clerk
Perl, Lisa	Deputy Clerk/Part-Time
Prusha, Kari	Deputy Clerk
Silbaugh, Heather	Deputy Clerk
Suydam, Roberta	Deputy Clerk/Part-Time
Witowski, Gloria**	Deputy Clerk
Young, Shirley	Deputy Clerk/Part-Time

\* Resigned    \*\* Retired    \*\*\* Leave of Absence    † Deceased

**Bedford Municipal Court  
2012 Annual Report**

**Bedford Municipal Court & Clerk's Office Staff Continued**

**Probation Department**

Tucker, Rhys	Chief Probation Officer
Woo, Christopher	Probation Officer
Byrnes, Carrienne*	Probation Officer
Meuti, Gina	Deputy Clerk/Record Retention

**Bailiff Department**

DeFabio, Jamey	Chief Bailiff
Pinto, Joseph	Bailiff
Fischer, Jason	Deputy Bailiff/Part-Time
Gilliam, John	Deputy Bailiff/Part-Time
Kelly, Douglas J.	Deputy Bailiff/Part-Time
Kozar, Bryan	Deputy Bailiff
Masetta, Audra	Deputy Bailiff/Part-Time
Phillips, Michael**	Deputy Bailiff/Part-Time

**Director of Community Education**

Abens, Matthew B.	Director of Community Education
-------------------	---------------------------------

**Interns**

McInerney, Andrew	Part-Time Intern/Law Clerk
Howard, Brittany*	Part-Time Intern/Deputy Clerk
Warren, Alexis*	Part-Time Intern/Deputy Clerk

**Volunteer Interns**

Hibbard, Allison	Kufta, Sarah
Mueller, Katherine	Oshodi, Olamide

**Volunteer Court Liaison**

Cummins, Russell	Pallat, Robert
Dowling, Richard†	Samp, Marcia
Matz, Judy	Wiedlund, Robert†
McAninch, Beverly	

\* Resigned    \*\* Retired    \*\*\* Leave of Absence    † Deceased

**Bedford Municipal Court  
2012 Annual Report**

***HISTORY OF THE BEDFORD MUNICIPAL COURT***

The Ohio Legislature established the Bedford Municipal Police Court, commencing January 1, 1932, at the same time as the City began to operate under the City Manager form of government. (At that time, similar municipal police courts were in existence in East Cleveland and Cleveland Heights).

Ralph W. Bell was elected as the first Judge of the Court, and by subsequent re-elections, for four-year terms, served from January 1, 1932 until September 1943. In September 1943, Judge Bell resigned to enter service in the Army of the United States.

L.R. Landfear was appointed by the Governor of Ohio in October 1943 to fill the un-expired term, and was elected in November 1943 to a full term, commencing January 1, 1944.

Upon the return of Ralph W. Bell from overseas duty in 1946, Mr. Landfear resigned as Judge and Governor Tom Herbert appointed Ralph W. Bell in December 1946. He continued as Judge until December 1957.

The legislature created a new Bedford Municipal Court, having both criminal and civil jurisdiction, effective as of January 1958, and the Police Court was abolished.

Because of the increased jurisdiction over territory and subject matter of the Court, the position of Judge became one requiring the full time attendance of the occupant. Desiring to continue his private practice of law, Judge Bell decided not to seek election again.

Vincent Arnold was elected and served for the six-year term from January 1, 1958, until December 31, 1963. Judge Joseph A. Zingales, who was elected in November 1963 for the full six-year term commencing January 1, 1964, succeeded him. He was subsequently re-elected to an additional five six-year terms and served the Bedford Municipal Court as Presiding Judge for a total of thirty-six years. Due to age limitations imposed by the State legislature, Judge Joseph A. Zingales was required to retire as of December 31, 1999. Judge Zingales passed away on June 22, 2010.

Because of the increased volume of work for the Chief Justice of Ohio's Supreme Court, C. William O'Neil created a second temporary Judgeship in the Bedford Municipal Court effective March 1, 1974. Rodney H. Reed was appointed by the Chief Justice to fill that role. Effective August 19, 1975, the State legislature formally created a permanent second Judgeship and on November 4, 1975, Rodney H. Reed was elected to a four-year term commencing on January 1, 1976. He subsequently was elected and re-elected to six-year terms until his untimely death on February 17, 1992.

## **Bedford Municipal Court 2012 Annual Report**

On May 18, 1992, Governor George Voinovich appointed Peter J. Junkin to fill the vacancy created by the death of Judge Reed until the voters of the district could elect a Judge to fill the balance of the un-expired term. Judge Junkin who was raised in the jurisdiction and was a graduate of Bedford High School served as Magistrate and Acting Judge of the Court from 1982 through 1992.

Thereafter, Peter J. Junkin was elected on November 2, 1993, to complete the un-expired four-year term of the late Rodney H. Reed, and was subsequently re-elected to two additional terms. His current six-year term began on January 1, 2004 until December 2009. In the year 2000, Judge Junkin was elected Presiding Judge of the Court and served in that position until leaving office on December 31, 2009.

Judge Brian J. Melling, a former Law Director for the City of Bedford, was elected to his first six-year term in November 1999, which commenced on January 1, 2000. Judge Melling was also raised in the jurisdiction and was a graduate of Bedford High School and also had prior service as an Acting Judge of the Court from 1992 through 1999. Judge Melling was subsequently re-elected to his current six-year term beginning January 1, 2006 until December 2011.

In April 2003, the Bedford Municipal Court left it's location at 65 Columbus Road and relocated to the new complex at 165 Center Road, Bedford, Ohio. The new courthouse, part of the Bedford Municipal Complex, was built in accordance with the standards suggested by the Supreme Court of Ohio. The construction met both the immediate and foreseeable space needs for the Court.

Elected in November 2009 by the voters of the fourteen communities comprising the Bedford Municipal Court, Judge Harry J. Jacob III took office on January 1, 2010. Judge Jacob had been in private practice for over 28 years, as well as serving on the Solon Civil Service Commission for over 20 years. Judge Jacob also made the effort of promoting, protecting and improving the honesty and ethics of the local legal community by serving on the Cuyahoga County Bar Associations Grievance Committee, Ethics Committee (chairman), Unauthorized Practice of Law Committee (chairman); and Lawyer Client Relations Committee.

**CIVIL AND SMALL CLAIMS DIVISION**

**Number of Cases Filed in 2012:**

Compliants	2499
Forcible Entry & Detainer	2180
Replevin	8
Cognovit Note	3
Transfer of Judgment	8
Limited Driving Privileges	274
<b>Total:</b>	<b>4972</b>

**Partial Breakdown of Other Filings:**

Application for Default	1484
Bankruptcy	556
Execution of Levy	20
Attachment in Aid of Execution	2330
Examination Bedford Judge	53
Writ of Execution	5
Writ of Restitution	1285
Certificate of Judgment for Lien	801
Certificate of Judgment for Transfer	11
Motions	3631
Amended Complaints	28
Counterclaims	28
Cross-Complaints/Third Party Complaints	9
Request for Alias Service	3356
Satisfaction/Release of Garnishment	1468
<b>Total:</b>	<b>15065</b>

**SMALL CLAIM DIVISION**

**Small Claim Cases**

Cases Pending as of 2011	358
Cases Filed in 2012	1183
Cases Re-activated or Redesignated in 2012	58
Cases Disposed of in 2012	1234
Cases Pending as of 12/31/2012	365

**Bedford Municipal Court  
2012 Annual Report**

**CIVIL AND SMALL CLAIMS DIVISION - Continued**

**Matters Heard in 2012**

Dismissed	1602
Judgment for Plaintiff	223
Judgment for Defendant	16
Settled and Dismissed	72
Satisfied	1019
Forcible Entry & Detainer	1292
Limited Driving Privileges	271
Bankruptcy	428
Replevin	8
Cognovit Note	3
Default	2036
Certified to Common Pleas	5
Motions	2428
Citations to Show Cause	38
Purged of Contempt	3
Stipulation for Leave to Plead	42
Jury Trials Held	0
Wedding Performed	51

**Cases Pending as of 12/31/2012**

**Breakdown of Civil Cases by Municipalities:**

Bedford	1076
Bedford Heights	992
Bentleyville	4
Chagrin Falls	116
Glenwillow	5
Highland Hills	26
Moreland Hills	30
North Randall	58
Oakwood	116
Orange Village	36
Solon	411
Warrensville Heights	1738
Woodmere	94
Other	1453

**Bedford Municipal Court  
2012 Annual Report**

**CIVIL AND SMALL CLAIMS DIVISION - Continued**

**Receipts: Civil and Small Claims**

Clerk and Bailiff Fees (Court Costs)	\$	678,170.67
Marriage Fees		1,080.00
Deposit for Jury		1,830.00
Appraisers		2,000.00
Security for Costs		12,420.00
Judgments		1,767,671.35
Miscellaneous		5,972.26
Legal Aid Fund		135,182.32
Capital Improvements		19,952.00
Clerk of Court Computer Fund		2,523.00
Court Computer Fund		841.26
Legal Resource Fund		306.00
Special Program Fund		40,510.00
<b>Total Receipts</b>	\$	<u>2,668,458.86</u>

**Disbursements: Civil and Small Claims**

**City of Bedford - Clerk and Bailiff**

Marriage Fees	\$	678,076.01
Sheriff		1,080.00
Refunds, Transfers, Court of Appeals, Security		100,127.57
Judgments		1,664,158.63
Appraisers		560.00
Capital Improvements		19,948.00
Clerk of Court Computer Fund		2,523.00
Court Computer Fund		841.26
Special Programs Fund		40,501.00
Legal Aid Fund		135,149.75
<b>Total Disbursements</b>	\$	<u>2,642,965.22</u>

**Receipts: Landlord-Tenant**

Rent Deposits	\$	10,586.00
<b>Total Receipts</b>	\$	<u>10,586.00</u>

**Disbursements: Landlord-Tenant**

City of Bedford - Costs	\$	650.36
Landlord-Tenant		17,658.63
<b>Total Disbursements</b>	\$	<u>18,308.99</u>

Bedford Municipal Court  
2012 Annual Report

CIVIL AND SMALL CLAIMS DIVISION - Continued

TRUSTEESHIP DIVISION

Pending as of 12/31/2011	2
Accounts Filed in 2012	2
Bankruptcy	0
Terminated for Non-Payment	0
Terminated at Trustee's Request	0
Accounts Paid in Full	1
Pending as of 12/31/2012	3

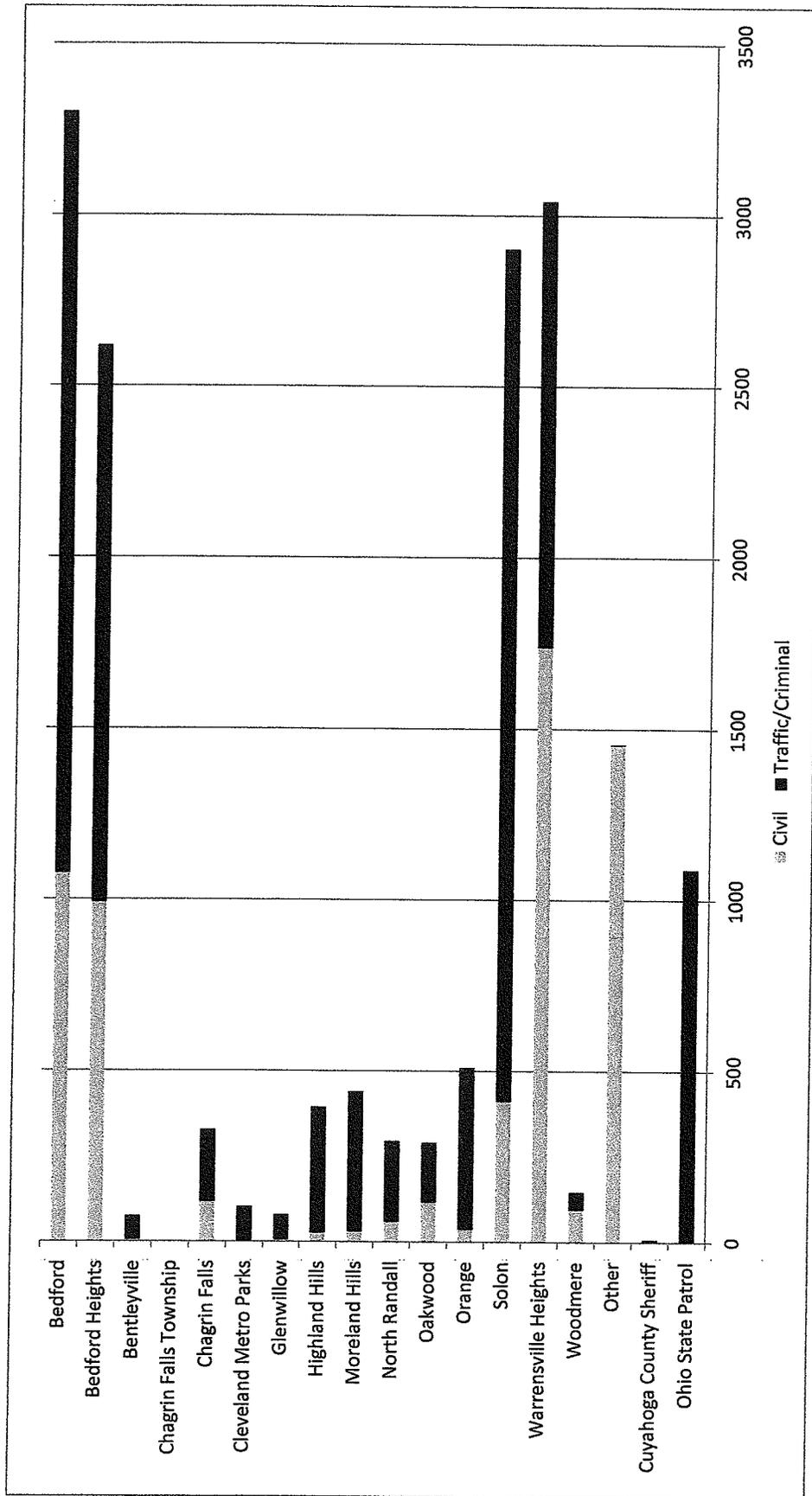
**Receipts:**

Debtor Filing Fees	\$	16,511.04
<b>Total</b>	\$	<u>16,511.04</u>

**Disbursements:**

City of Bedford - Clerk and Bailiff	\$	375.12
Credit Payments		15,592.31
Refunds		543.61
<b>Total</b>	\$	<u>16,511.04</u>

# BEDFORD MUNICIPAL COURT NEW CASE FILINGS FOR YEAR 2012 BY MUNICIPALITY

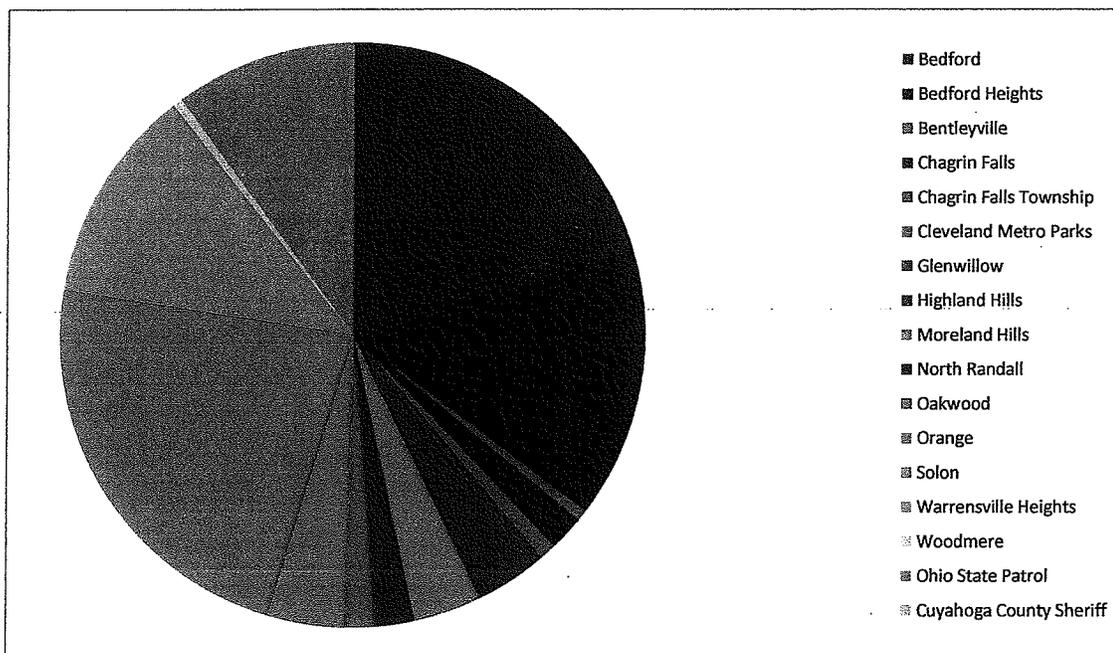


**Bedford Municipal Court  
2012 Annual Report**

**TRAFFIC / CRIMINAL DIVISION - Continued**

**Total Traffic / Criminal New Case Filings By Municipality**

	Criminal - CRA Felonies	Criminal - CRB Misdemeanors	Traffic - TRD OVI/BAC	Traffic TRD	Total Traffic/Criminal Cases
Bedford	0	792	63	1370	2225
Bedford Heights	0	227	18	1382	1627
Bentleyville	0	3	3	65	71
Chagrin Falls	1	76	15	120	212
Chagrin Falls Township	0	0	0	0	0
Cleveland Metro Parks	0	27	0	76	103
Glenwillow	0	15	10	49	74
Highland Hills	0	95	66	207	368
Moreland Hills	0	41	18	351	410
North Randall	3	83	29	122	237
Oakwood	0	42	22	111	175
Orange	0	61	17	396	474
Solon	1	626	153	1711	2491
Warrensville Heights	2	360	24	918	1304
Woodmere	0	10	1	41	52
Ohio State Patrol	0	8	5	1077	1090
Cuyahoga County Sheriff	0	0	0	7	7
Liquor Board / ODNR	0	3	0	0	3
Other	0	0	0	0	0
<b>Total By Case Type</b>	<b>7</b>	<b>2469</b>	<b>444</b>	<b>8003</b>	<b>10923</b>



TRAFFIC/CRIMINAL DIVISION - Continued

Domestic Violence

Bedford	25
Bedford Heights	36
Bentleyville	0
Chagrin Falls	5
Chagrin Falls Township	0
Cleveland Metropolitan Parks	0
Glenwillow	3
Highland Hills	2
Moreland Hills	0
North Randall	8
Oakwood	7
Orange	3
Solon	37
Warrensville Heights	54
Woodmere	2
<hr/> Total	<hr/> 182

Other Offenses of Violence

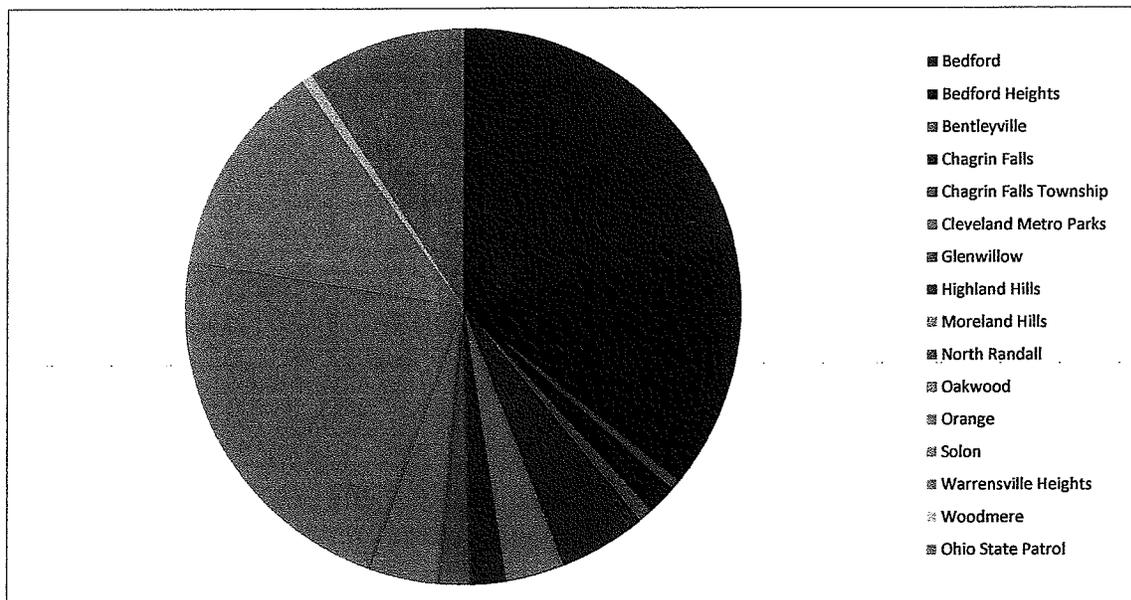
Violation of Protection Order	16
Assault	93
Sexual Imposition	0
Menacing	19
Aggravated Menacing	24

**Bedford Municipal Court  
2012 Annual Report**

**TRAFFIC / CRIMINAL DIVISION - Continued**

**Total Traffic / Criminal Cases Disposed By Municipality**

	Criminal - CRA Felonies	Criminal - CRB Misdemeanors	Traffic - TRD OVI/BAC	Traffic TRD	Total Traffic/Criminal Cases
Bedford	0	951	65	1499	2515
Bedford Heights	0	248	24	1435	1707
Bentleyville	0	4	4	65	73
Chagrin Falls	1	61	19	124	205
Chagrin Falls Township	0	0	0	0	0
Cleveland Metro Parks	0	26	0	75	101
Glenwillow	0	16	10	59	85
Highland Hills	0	106	71	335	512
Moreland Hills	0	30	11	366	407
North Randall	0	79	23	144	246
Oakwood	0	62	22	122	206
Orange	0	63	14	412	489
Solon	0	650	141	1824	2615
Warrensville Heights	2	424	29	1013	1468
Woodmere	0	11	1	61	73
Ohio State Patrol	0	5	4	1076	1085
Cuyahoga County Sheriff	0	0	0	7	7
Liquor Board / ODNR	0	2	0	0	2
Other	0	0	0	0	0
<b>Total By Case Type</b>	<b>3</b>	<b>2738</b>	<b>438</b>	<b>8617</b>	<b>11796</b>



**Bedford Municipal Court  
2012 Annual Report**

**TRAFFIC/CRIMINAL DIVISION**

**Probation Department**

Placed on Active Probation	662
Placed on Inactive Probation	251
Placed on Diversion	155
Cases Terminated Successfully	638
Probation Violations Heard	77
Probation cases with open warrants as of 12/31/2012	276
Pre-Sentence Reports assigned	5
Expungement Investigations assigned	102
Drug and Alcohol Tests	334

**Matters Heard or Disposed of in 2012**

State & Municipal Traffic	9054
State and Municipal Misdemeanors	2741
Felony Probable Cause Hearings Held	354
Jury Trials held	0
Jury Cases Disposed as Scheduled Jury/Demand Waived	12
Jury Cases Disposed without Jury/Demand Waived	27
Extraditions	3
Criminal Rule 4E	8
Traffic/Criminal Cases Paid by Waiver	3875
5-Day Hearings	2355
Expungements	155
Contempt of Court - Guilty	1039
Contempt of Court - Purged	760
Cases Disposed as N/A or Fugitive	528
Search Warrants	29
Cases Re-opened	967
Warrants Issued	3028
License Forfeitures - Warning Issued	1092
License Forfeitures - Issued	846
License Forfeitures Released/Cleared	720
Show Causes to Bonding Companies	793
Indigency Affidavits Counsel Assigned	1483
Driving Permits	532
Motions for Continuance	2647
Vehicles Booted	20

Bedford Municipal Court  
2012 Annual Report

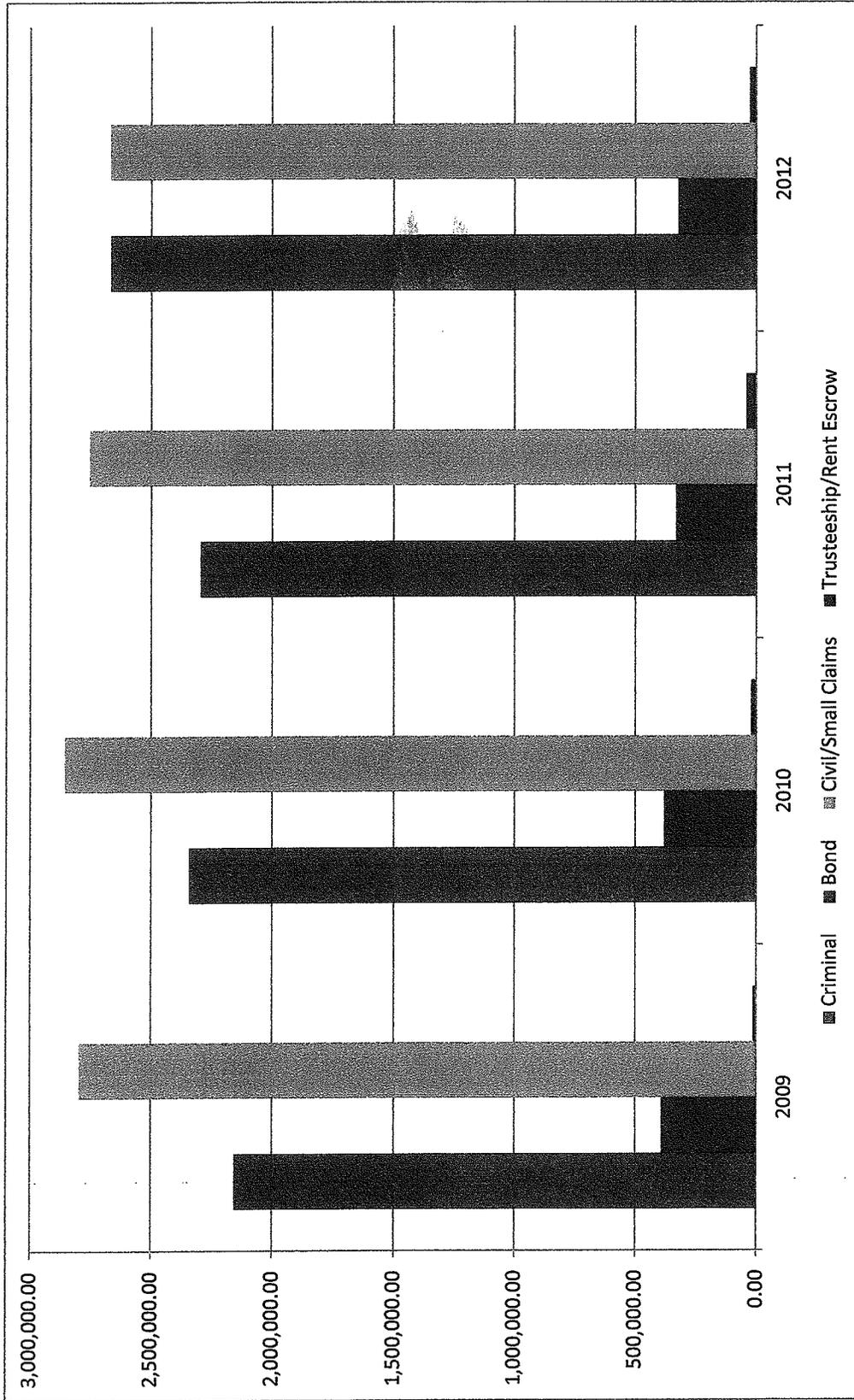
TRAFFIC/CRIMINAL DIVISION - Continued

Receipts:

Fines, Forfeitures & Expungements	\$ 1,162,740.08
Costs	666,794.83
Restitution/Refund	67,736.70
Capital Recovery Collections Fees	10,393.59
Credit Card Processing	17,685.00
Payment Plan Program	9,246.50
Probation Department	4,017.00
Diversion Program	35,589.00
Witness and Jury Fees	2,813.00
Victims of Crime	70,899.50
Steno Fees	5,094.50
Capital Improvements	47,247.00
Special Projects Fund	118,618.25
Indigent Interlock/Scram Monitoring	18,357.09
Police Education Fund	810.00
Legal Resource Fund	157.00
OMVI Indigent Defense Fund	77,527.86
Public Defenders	22,667.26
CRIS/Crime Stoppers	38,976.00
License Forfeiture Fees	90.00
Drug Law Enforcement Fund	22,481.00
*Indigent Defense Support Fund	265,774.99
Habitual Offender Registry	57.50
<b>Total</b>	<b>\$ 2,665,773.65</b>

\* **Indigent Defense Support Fund** - Under prior law, the Indigent Defense Support Fund consisted solely of specified fine money paid into the fund under R.C. 4511.19 (DUI) reported as the Indigent Defense Fund and additional court costs imposed under R.C. 2949.094 (moving violations) and was reported by the Court as the General Revenue Fund. The State Public Defenders Office used the money to reimburse counties for costs incurred in running their public defender programs. The biennial budget act (effective 10/16/2009) adds to the sources of money for the fund by 1) Establishing a surcharge of \$25.00 paid when a person posts bail and if the person is convicted, pleads guilty, or forfeits bail, requiring that the surcharge be deposited into the fund. 2) Increasing from \$15.00 to \$30.00 for a felony offense and to \$20.00 for a misdemeanor offense other than a traffic offense that is not a moving violation, the additional court cost traditionally used for public defender requiring that it be credited to the fund. 3) Imposing a \$10.00 additional court cost for traffic offenses that is neither a moving violation nor a parking violation and requiring that the money collected as the additional court costs be credit to the fund.

# Bedford Municipal Court Prior Years Revenue Comparison



**Bedford Municipal Court  
2012 Annual Report**

**TRAFFIC/CRIMINAL DIVISION - Continued**

**Disbursements:**

Fines, Forfeitures and Expungements  
by Municipality:

City of Bedford	\$	246,663.20
City of Bedford Heights		131,033.50
Village of Bentleyville		7,698.00
Village of Chagrin Falls		23,143.00
Cleveland Metropolitan Parks		5,018.00
Village of Glenwillow		13,279.00
Village of Highland Hills		66,351.67
Village of Moreland Hills		35,877.00
Village of North Randall		25,585.00
Village of Oakwood		23,759.23
Village of Orange		43,377.00
City of Solon		275,131.50
City of Warrensville Heights		97,127.15
Village of Woodmere		8,770.00
<b>Total</b>	\$	<b>1,002,813.25</b>

**Cuyahoga County**

Fines, Forfeitures & Expungements	\$	103,572.83
CRIS		37,622.00
Crime Stoppers Fund		1,354.00
Public Defenders Fund		22,667.26
<b>Total</b>	\$	<b>165,216.09</b>

**State of Ohio**

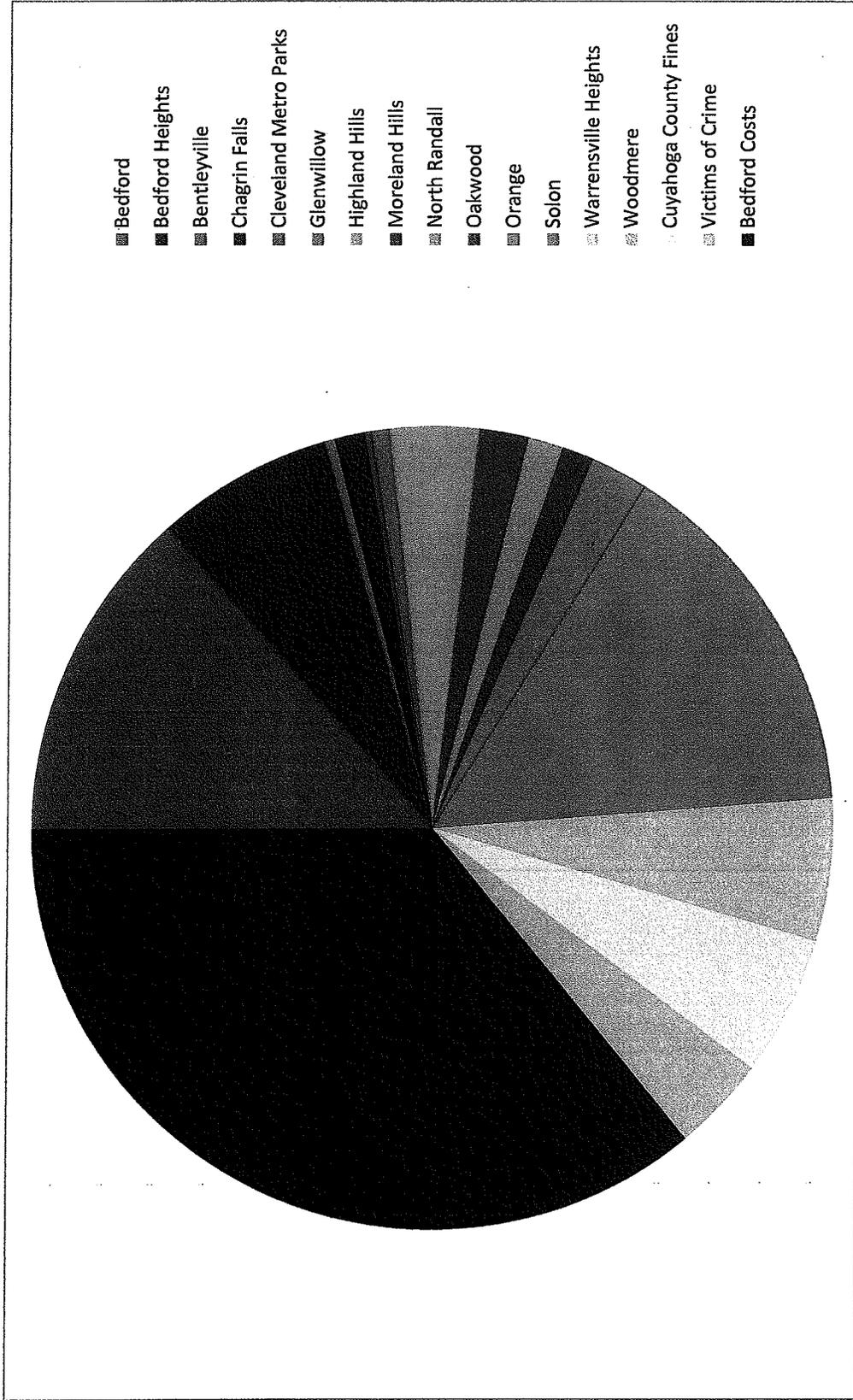
Victims of Crime	\$	70,899.50
Seat Belts		19,545.00
Liquor		1,242.50
State Highway Patrol Fines		29,737.35
Trauma-Emergency Medical Fund		3,288.15
Child Restraints		1,671.00
Expungements		870.00
License Forfeiture Fees		90.00
Drug Enforcement Fund		22,481.00
Indigent Defense Fund		265,774.99
Habitual Offender Registry		57.50
<b>Total</b>	\$	<b>415,656.99</b>

**Bedford Municipal Court  
2012 Annual Report**

**TRAFFIC/CRIMINAL DIVISION - Continued**

Costs: City of Bedford - Traffic/Criminal Court Costs	
Court Costs	\$ 660,879.83
Credit Card Processing Fees	17,685.00
Payment Plan Fees	9,246.50
Probation Program Fees	4,017.00
DiversionProgram Fees	35,589.00
Expungement Costs	5,915.00
Indigent Interlock/SCRAM Montering	18,357.09
Witness & Jury Fees	2,813.00
Legal Resource Fund	157.00
Court/Clerk Computer Fund	47,247.00
Steno Fees	5,094.50
Muni Special Projects Fund	118,618.25
OMVI Indigent	77,527.86
Police Education	810.00
Restitution/Refunds	67,736.70
Capital Recover Systems	10,393.59
<b>Total</b>	<b>\$ 1,082,087.32</b>

# Bedford Municipal Court Disbursements in Year 2012 by Municipality



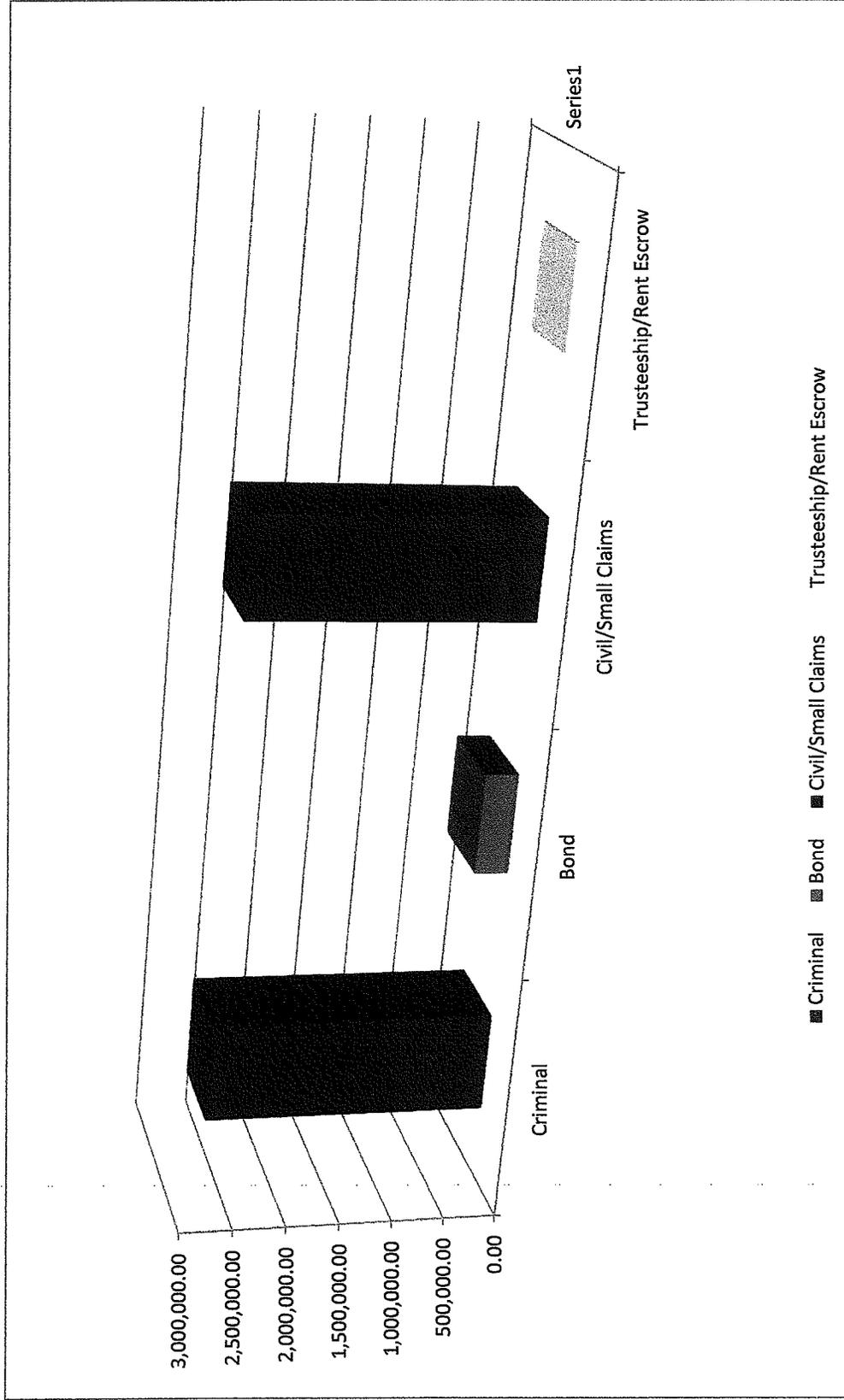
**Bedford Municipal Court  
2012 Annual Report**

**SUMMARY**

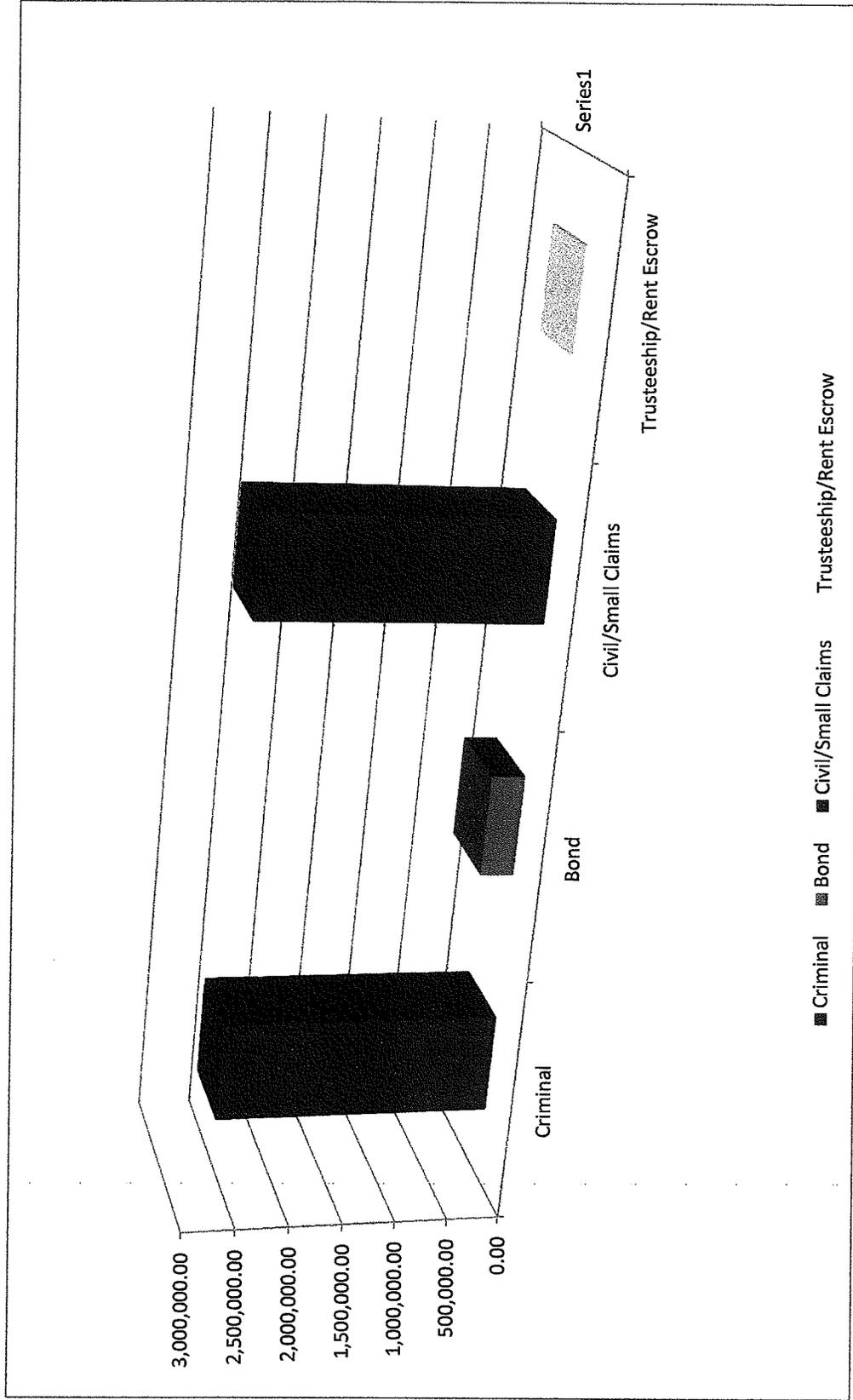
<b>RECEIPTS:</b>	<b><u>2009</u></b>	<b><u>2010</u></b>	<b>2011</b>	<b><u>2012</u></b>
Criminal	\$2,155,589.28	\$2,340,431.03	\$2,295,080.43	\$2,665,773.65
Bond	391,051.00	380,099.00	331,661.00	322,446.00
Civil/Small Claims	2,794,420.04	2,855,478.21	2,753,660.63	2,668,458.86
Trusteeship	10,863.50	13,624.00	9,944.60	16,511.04
Rent Escrow	3,064.00	7,946.00	31,632.50	10,586.00
<b>TOTALS:</b>	<b>\$5,354,987.82</b>	<b>\$5,597,578.24</b>	<b>\$5,421,979.16</b>	<b>\$5,683,775.55</b>

<b>DISBURSEMENTS:</b>	<b><u>2009</u></b>	<b><u>2010</u></b>	<b>2011</b>	<b><u>2012</u></b>
Criminal	\$2,156,414.28	\$2,340,431.01	\$2,295,082.43	\$2,598,036.95
Bond	394,080.00	397,671.00	344,817.00	319,791.00
Civil/Small Claims	2,792,644.91	275,611.90	2,804,662.51	2,642,965.22
Trusteeship	11,586.06	13,624.00	9,725.73	16,511.04
Rent Escrow	4,900.56	3,638.65	22,963.37	18,308.99
<b>TOTALS:</b>	<b>\$5,359,625.81</b>	<b>\$5,510,976.56</b>	<b>\$5,477,251.04</b>	<b>\$5,595,613.00</b>

# Bedford Municipal Court Summary of Year 2012 Receipts



# Bedford Municipal Court Summary of Year 2012 Disbursements



**Bedford Municipal Court  
2012 Annual Report**

**FINANCIAL RECONCILIATION**

**BOND**

Bank Balance as of 12/31/2012	\$	81,655.69
Less Outstanding Checks		-1,679.75
Deposit in Transit		0.00
Open Items as of 12/31/2012	\$	<u>79,975.94</u>

**CRIMINAL**

Bank Balance as of 12/31/2012	\$	206,508.77
Less Outstanding Checks		-207,151.13
Deposit in Transit		2,359.00
Open Items as of 12/31/2012	\$	<u>1,716.64</u>

**CIVIL AND SMALL CLAIMS**

Bank Balance as of 12/31/2012	\$	232,040.90
Less Outstanding Checks		-136,127.59
Deposit in Transit		1,230.00
Open Items as of 12/31/2012	\$	<u>97,143.31</u>

**TRUSTEESHIP**

Bank Balance as of 12/31/2012	\$	4,909.85
Less Outstanding Checks		-4,909.85
Deposit in Transit		0.00
Open Items as of 12/31/2012	\$	<u>0.00</u>

**RENT ESCROW**

Bank Balance as of 12/31/2012	\$	6,657.82
Less Outstanding Checks		-7.95
Deposit in Transit		0.00
Open Items as of 12/31/2012	\$	<u>6,649.87</u>

**JURY/WITNESS FEES**

Bank Balance as of 12/31/2012	\$	2,176.13
Less Outstanding Checks		-266.90
Deposit in Transit		0.00
Open Items as of 12/31/2012	\$	<u>1,909.23</u>