

**City of Kearney
Utilities Department
2015-2016
October - September
Annual Report**



**Tony Jelinek, Director of Utilities
Michele Hill & Stephanie Cunningham, GIS
John Grimes, Water Distribution/Sewer Collection Supervisor
Mark Bowman, Water Production Supervisor
Clint Smith, Wastewater Treatment Plant Superintendent
Steve Hart, Sanitation Supervisor
Theresa Baack & Kim Grotrian, Utilities Secretaries
Pam Balcom, Sanitation Secretary**

INDEX

- General Information
- G.I.S.
- Kearney Area Solid Waste Agency Landfill
- Sanitation Division
- Water Distribution Division
- Water Quality/Utilities Coordinator
- Water Production Division
- Water Quality Testing
- Sewer Collection Division
- Wastewater Treatment Plant Division

General

The City of Kearney Utilities Department provides water, sewer and refuse collection services to the citizens of Kearney. Residents receive monthly bills for these services. The Utilities Department also manages the Kearney Area Solid Waste Agency Landfill. The Utilities Department operates as an enterprise fund. The rates charged provide all the revenue necessary to operate the Utilities Department. No Tax Money Assists These Funds.

For more information contact any of the following City offices:

Utility Billing	233-3240
Landfill Billing	233-3268
Sanitation Supervisor	233-3206
Water Distribution Supervisor	233-3242
Water Quality/Utilities Coordinator	233-3258
Water Production Supervisor	233-3241
Sewer Collection	233-3242
Director of Utilities	233-3268
GIS	233-3250
Emergency after hours	237-2104

GIS Division

	Infrastructure	
Layer	2015-16 Number of Features	2014-15 Number of Features
Fire Hydrants	1,708	1,645
Water Valves	3,717	3,454
Water Pipe	6,110	5,654
Storm Manholes	760	721
Storm Inlets	4,389	4,251
Storm Pipe	5,328	5,131
Storm Ends & Outfall	393	355
Sanitary Manholes	3,231	3,072
Sanitary Pipe	3,574	3,406
Street Centerlines	2,463	2,443
Addresses	19,602	19,379

	Land Base		
	2015-16	2014-15	Total Features
Annexations	4	10	321
Subdivisions	15	22	848
Legal Lots	64	235	15,638
Zonings	15	27	1,186
Vacations	13	17	1,162
Minor Subdivisions		9	1,088

End of Year	Area of City		
	Sq. Ft.	Acres	Square Miles
2016	398,800,762	9,155.21	14.3
2015	396,386,458	9,099.78	14.2
2014	392,986,010	9,021.71	14.1
2013	383,123,209	8,795.29	13.7
2012	371,899,568	8,537.64	13.3
2011	370,312,435	8,501.2	13.3
2010	369,141,084	8,474.31	13.2
2009	362,752,535	8,327.65	13.01
2008	352,643,966	8,095.59	12.60
2007	350,184,402	8,039.13	12.56

Residential Lots Available

	Oct 2016	Oct 2015	Oct 2014	Oct 2013
Platted inside city limits with city water/sewer	437	456	374	418
Platted inside city limits no city water/sewer	209	236	259	224
Platted outside city limits no city water/sewer	157	142	140	142

Kearney Area Solid Waste Agency Landfill

Waste Received by Type	2015-16	2015-16	2014-15	2014-15
	Total Annual	Average Monthly	Total Annual	Average Monthly
Tons of Construction Demolition	18,504.2	1,542	15,277.5	1,273.1
Tons of Compacted Waste	28,770	2,397.5	27,940.5	2,328.4
Total Tons of Waste	52,471.1	4,372.6	51,558	4,296.5
Total Number of vehicles	46,933	3,911	49,908	4,159

Sanitation Division

	Average		Total 2014-15	Total 2013-14
	Total 2015-16	Monthly 2015-16		
Refuse containers placed for new homes	104	8.7	83	97
Ninety gallon containers repaired	504	42	462	417
300 gallon containers repaired	21	1.8	26	12
Metal dumpsters repaired	204	17	183	160
Tons of refuse collected by Sanitation Trucks	19,197.4	1,599.8	26,910.3	24,606.6

this tonnage is minus roll off box collection

The Sanitation Division collected and processed the following recyclables:

	Total 2015-16	Average Monthly 2015-16	Total 2014-15	Total 2013-14
Office paper	34.5	2.9	39	44.1 (ton)
Newspaper	1,102.8	91.9	1,152.7	1,197.4 (ton)
Aluminum	19.8	1.6	16.4	12.6 (ton)
Tin	62.6	5.2	59.9	63.4 (ton)
Glass	188.6	15.7	157.8	159.9 (ton)
Plastics	250.5	20.9	243.6	283.9 (ton)
Cardboard	2,389.4	199.1	2,317.4	2,038.02 (ton)
Total tons recycled	4,048.2	337.4	3,986.8	3,799.3 (ton)
Total gallons of Motor Oil	10,569	880.8	10,112	8,664 (gal)
Recycling revenue	\$199,244.32	\$16,603.69	\$311,860.58	\$235,991.74
Landfill avoidance savings	\$111,325.50	\$9,277.13	\$109,637.00	\$104,481.30
Total value of recyclables	\$310,569.82	\$25,880.82	\$421,497.58	\$340,473.04

Water Distribution Division

	Total 2015-16	Total 2014-15	Total 2013-14	Total 2012-13
1" water services installed	54	40	31	18
2", 4", 6", & 8" water services installed	7	7	12	14
Service lines repaired	53	56	51	60
Lead Services Replaced	8	8	18	
Fire hydrants replaced	3	4	4	3
Water main valves replaced	3	4	4	9
Line stops installed	3	0	2	4
Broken water main	3	11	4	15
Hydrants flushed & flow tested	2,637	1,540	1,070	1,550
Hydrants adjusted to grade	14	21	22	19
Valves Exercised	3,256	3,105	2,744	2,832
Hydrants repaired (struck by vehicles)	5	7	3	3
Hydrants painted	390	321	496	613
Water Main Miles in System	232.6	210.11	208.74	203.77
Fire Hydrants in System	1,708	1,645	1,608	1,550
Valves in System	4,535	4,354	4,223	4,067

Water Quality/Utilities Coordinator

	Total 2015-16	Total 2014-15	Total 2013-14	Total 2012-13
Lawn sprinkler system inspections	149	141	141	107
Backflow inspections	159	155	161	127
Notification to test devices	365	349	345	331
Backflow test reports filed	529	524	500	476
Diggers Hot Line locates	6,016	5,750	5,646	4,784

Water Production Division

	Total 2015/2016	Total 2014/2015	Total 2013/2014	Total 2012/2013
Total Water pumped (gal)	2,264,730,000	2,216,142,000	2,044,343,000	2,220,401,000
Average Daily Water Demand	6,204,739	5,974,984	5,600,939	6,083,290
Total pumped Platte River Well Field (gal)	1,659,407,000	1,693,539,000	1,516,645,000	1,723,564,000
Total pumped Northwest Well Field (gal)	608,714,000	486,911,000	529,613,000	504,732,000
High day total pumped 07-22-2016 (gal)	15,389,000	13,895,000	14,042,000	14,587,000
High Day Total Pumped Platte River Well Field 6-20-2016	11,989,000	10,649,000	10,496,000	11,937,000
High Day Total Pumped Northwest Well Field 6-24-2016	4,335,000	3,655,000	4,124,000	4,738,000
Low day Total Pumped 12-25-2015	2,582,000	2,896,000	2,972,000	2,857,000
Low Day Total Pumped Platte River Well Field 12-25-2015	1,745,000	2,019,000	2,218,000	1,813,000
Low Day Total Pumped Northwest Well Field 11-10-2015	510,000	430,000	424,000	407,000
Total fluoride pumped (lbs.)	49,713.60	47,845.99	44,893.51	48,883.70
Total chlorine 10% solution (lbs)	378,654.69	363,821.07	341,329.90	371,674.70
Meter issued	394	356	388	327
Old meters replaced	230	181	223	218
Total Meters in System	10,780	10,657	10,469	10,346
New services	127	175	165	109
Meters received	386	336	379	352
Old meters repaired from field	9	2	13	19
New meters from Sensus	377	334	366	333
Biological samples taken	893	844	817	925
Fluoride samples taken	12	12	13	14
Chlorine residual samples taken	2,278	2,300	2,306	2,327
Nitrate samples taken	2	2	0	5
PH samples taken	366	365	365	365
Temperature samples taken	730	688	726	702
Particulates samples taken	97	101	97	104
Conductivity samples taken	421	404	413	410
Atrazine samples taken	0	0	0	0
TDS samples taken	730	778	877	878
SOC samples taken	32	3	3	40
VOC samples taken	68	39	143	73
THM samples taken	0	8	0	12
Radiochemistry samples taken	3	4	5	6
Arsenic	2	1	1	2
River Aerobic Spores	0	0	28	31

Daily Water Consumption 2015-16

	October	November	December	January	February	March
Date	Gallons Pumped	Gallons Pumped	Gallons Pumped	Gallons Pumped	Gallons Pumped	Gallons Pumped
1	6,841,000.00	4,089,000.00	3,671,000.00	3,182,000.00	3,278,000.00	3,276,000.00
2	7,127,000.00	4,315,000.00	3,381,000.00	3,279,000.00	3,066,000.00	3,532,000.00
3	5,778,000.00	4,224,000.00	3,591,000.00	3,295,000.00	3,133,000.00	3,544,000.00
4	5,493,000.00	4,240,000.00	3,424,000.00	3,419,000.00	3,353,000.00	3,518,000.00
5	5,799,000.00	3,887,000.00	3,374,000.00	3,195,000.00	2,933,000.00	3,284,000.00
6	5,959,000.00	3,497,000.00	3,681,000.00	3,244,000.00	3,335,000.00	3,272,000.00
7	6,670,000.00	3,506,000.00	3,376,000.00	3,273,000.00	3,390,000.00	3,521,000.00
8	6,563,000.00	3,602,000.00	3,885,000.00	3,176,000.00	3,372,000.00	3,484,000.00
9	6,490,000.00	3,964,000.00	3,839,000.00	3,355,000.00	3,382,000.00	3,455,000.00
10	6,032,000.00	3,593,000.00	3,361,000.00	3,375,000.00	3,258,000.00	3,402,000.00
11	6,802,000.00	3,448,000.00	3,323,000.00	3,313,000.00	3,241,000.00	3,945,000.00
12	7,845,000.00	3,497,000.00	3,323,000.00	3,388,000.00	3,214,000.00	3,883,000.00
13	7,682,000.00	3,425,000.00	3,637,000.00	3,709,000.00	3,360,000.00	3,400,000.00
14	8,119,000.00	3,527,000.00	3,380,000.00	3,652,000.00	3,765,000.00	3,620,000.00
15	7,587,000.00	3,187,000.00	3,429,000.00	3,421,000.00	3,580,000.00	3,523,000.00
16	7,554,000.00	3,493,000.00	3,702,000.00	3,380,000.00	3,580,000.00	3,372,000.00
17	6,634,000.00	3,769,000.00	3,459,000.00	3,484,000.00	3,265,000.00	3,549,000.00
18	6,095,000.00	3,297,000.00	3,525,000.00	3,176,000.00	3,278,000.00	3,594,000.00
19	7,574,000.00	3,696,000.00	3,355,000.00	3,676,000.00	3,435,000.00	3,480,000.00
20	7,829,000.00	3,326,000.00	3,355,000.00	3,276,000.00	3,324,000.00	3,263,000.00
21	7,322,000.00	3,326,000.00	3,408,000.00	3,691,000.00	3,397,000.00	3,259,000.00
22	6,104,000.00	3,730,000.00	3,403,000.00	3,343,000.00	3,403,000.00	3,479,000.00
23	5,672,000.00	3,534,000.00	3,289,000.00	3,264,000.00	3,324,000.00	2,823,000.00
24	4,920,000.00	3,544,000.00	3,117,000.00	3,425,000.00	3,268,000.00	3,133,000.00
25	4,998,000.00	3,250,000.00	2,582,000.00	3,398,000.00	3,446,000.00	3,510,000.00
26	5,643,000.00	2,897,000.00	3,125,000.00	3,346,000.00	3,059,000.00	3,091,000.00
27	5,573,000.00	3,103,000.00	3,158,000.00	3,454,000.00	3,189,000.00	3,121,000.00
28	4,776,000.00	3,210,000.00	3,231,000.00	3,727,000.00	3,372,000.00	3,214,000.00
29	4,202,000.00	3,214,000.00	3,477,000.00	3,435,000.00	3,381,000.00	3,603,000.00
30	4,014,000.00	3,361,000.00	3,205,000.00	3,380,000.00	X	3,431,000.00
31	3,475,000.00	X	3,160,193.10	3,454,000.00	X	3,572,000.00
Total Pumped	193,172,000.00	106,751,000.00	105,226,193.10	105,185,000.00	93,000,000.00	106,153,000.00

We provide services, solutions, and opportunities for our community.

Daily Water Consumption 2015-16

	April	May	June	July	August	September
Date	Gallons Pumped	Gallons Pumped	Gallons Pumped	Gallons Pumped	Gallons Pumped	Gallons Pumped
1	3,471,000.00	4,080,000.00	6,164,000.00	11,670,000.00	10,908,000.00	9,278,000.00
2	3,729,000.00	3,883,000.00	7,199,000.00	9,731,000.00	11,711,000.00	9,390,000.00
3	4,035,000.00	4,075,000.00	7,858,000.00	7,960,000.00	12,193,000.00	8,814,000.00
4	4,587,000.00	4,689,000.00	9,077,000.00	8,892,000.00	10,432,000.00	7,790,000.00
5	4,641,000.00	5,127,000.00	8,245,000.00	8,854,000.00	11,245,000.00	9,028,000.00
6	4,646,000.00	5,735,000.00	10,159,000.00	8,763,000.00	10,314,000.00	9,513,000.00
7	5,018,000.00	4,884,000.00	10,400,000.00	8,050,000.00	9,774,000.00	8,896,000.00
8	5,014,000.00	4,411,000.00	11,386,000.00	8,198,000.00	11,536,000.00	8,996,000.00
9	4,971,000.00	5,229,000.00	11,972,000.00	8,025,000.00	11,386,000.00	9,367,000.00
10	4,914,000.00	4,742,000.00	13,171,000.00	9,181,000.00	12,581,000.00	7,574,000.00
11	5,993,000.00	5,367,000.00	12,307,000.00	11,945,000.00	11,617,000.00	7,493,000.00
12	6,217,000.00	4,333,000.00	11,778,000.00	11,667,000.00	10,893,000.00	8,595,000.00
13	6,195,000.00	5,125,000.00	12,665,000.00	12,549,000.00	10,833,000.00	7,999,000.00
14	6,448,000.00	4,520,000.00	10,398,000.00	12,367,000.00	11,054,000.00	7,671,000.00
15	6,023,000.00	4,698,000.00	12,257,000.00	11,798,000.00	13,859,000.00	7,549,000.00
16	4,283,000.00	4,742,000.00	14,034,000.00	8,510,000.00	11,800,000.00	6,903,000.00
17	3,901,000.00	4,316,000.00	13,724,000.00	8,535,000.00	12,570,000.00	6,013,000.00
18	4,402,000.00	5,228,000.00	12,408,000.00	11,134,000.00	12,193,000.00	6,318,000.00
19	4,095,000.00	5,702,000.00	13,045,000.00	11,566,000.00	11,596,000.00	7,954,000.00
20	4,142,000.00	5,994,000.00	15,110,000.00	12,763,000.00	8,228,000.00	8,424,000.00
21	4,105,000.00	4,801,000.00	14,009,000.00	12,930,000.00	8,377,000.00	9,077,000.00
22	4,467,000.00	5,097,000.00	14,839,000.00	13,646,000.00	10,516,000.00	8,915,000.00
23	4,834,000.00	5,858,000.00	15,341,000.00	12,401,000.00	9,726,000.00	6,297,000.00
24	5,005,000.00	5,760,000.00	15,389,000.00	11,537,000.00	8,710,000.00	7,923,000.00
25	5,358,000.00	5,893,000.00	13,542,000.00	12,711,000.00	7,689,000.00	7,788,000.00
26	4,986,000.00	5,343,000.00	12,596,000.00	12,907,000.00	7,523,000.00	9,321,000.00
27	4,201,000.00	5,025,000.00	14,407,000.00	12,279,000.00	6,753,000.00	9,123,000.00
28	4,044,000.00	4,174,000.00	13,436,000.00	10,334,000.00	6,674,000.00	9,659,000.00
29	4,125,000.00	4,752,000.00	13,459,000.00	10,070,000.00	8,045,000.00	8,967,000.00
30	3,828,000.00	5,660,000.00	11,707,000.00	8,763,000.00	7,150,000.00	9,242,000.00
31	X	6,011,000.00	X	10,212,000.00	8,314,000.00	X
Total Pumped	141,678,000.00	155,254,000.00	362,082,000.00	329,948,000.00	316,200,000.00	249,877,000.00

We provide services, solutions, and opportunities for our community.

Microbiological Analysis of Total Coliform Analysis

	Number of Samples	Positive Coliform Samples
October 2011	40	0
November 2011	40	0
December 2011	40	0
January 2012	40	0
February 2012	40	0
March 2012	40	0
April 2012	40	0
May 2012	40	0
June 2012	40	0
July 2012	40	0
August 2012	40	0
September 2012	40	0
Totals	840	0

Raw Water Quality

	Analysis Average
pH	7.50
Total Dissolved Solids	575 (TDS)
Electrical Conductivity	.91 mmho/cm
Cations/Anion	9.2 me/L
Sodium, Na	84 ppm
Calcium, Ca	65 ppm
Magnesium, Mg	21 ppm
Potassium, K	16 ppm
Total Hardness, CaCO ₃	276 ppm
Nitrate, N	1.78 ppm
Sulfate, S	71 ppm
Carbonate, CO ₃	.5 ppm
Bicarbonate, HCO ₃	266 ppm
Chloride, Cl	31 ppm
Total Alkalinity, CaCO ₃	200 ppm
Iron, Fe	.12 ppm
Fluoride, F	.91 ppm

Volatile Organic Compounds

Volatile Organics	EPA/State MCL	Analysis in Kearney City Water	Analytical Detection Limit
Benzene	5 ug/l	LTMDL	0.00015 ug/l
Vinyl Chloride		LTMDL	0.00015 ug/l
1,2-Dichloroethane		LTMDL	0.00015 ug/l
Trichloroethylene		LTMDL	0.00015 ug/l
Chlorobenzene		LTMDL	0.00015 ug/l
Ortho-Dichlorobenzene		LTMDL	0.00015 ug/l
Ethylbenzene		LTMDL	0.00015 ug/l
M.P-Xylenes		LTMDL	0.00015 ug/l
O-Xylene		LTMDL	0.00015 ug/l
Styrene		LTMDL	0.00015 ug/l
1,2,4-Trichlorobenzene		LTMDL	0.00015 ug/l
1,1-Dichloroethane		LTMDL	0.00015 ug/l
Bromoform		3.7 ug/l	0.00015 ug/l
Bromomethane		LTMDL	0.00015 ug/l
Chloroethane		LTMDL	0.00015 ug/l
Chloroform		0.9 ug/l	0.00015 ug/l
Chloromethane		LTMDL	0.00015 ug/l
Ortho-Chlorotoluene		LTMDL	0.00015 ug/l
Para-Chlorotoluene		LTMDL	0.00015 ug/l
Dibromomethane		0.5 ug/l	0.00015 ug/l
Meta-Dichlorobenzene		LTMDL	0.00015 ug/l
Bromobenzene		LTMDL	0.00015 ug/l
Bromochloromethane		LTMDL	0.00015 ug/l
N-Butylbenzene		LTMDL	0.00015 ug/l
Naphthalene		LTMDL	0.00015 ug/l
Tert-Butylbenzene		LTMDL	0.00015 ug/l
Hexachlorobutadiene		LTMDL	0.00015 ug/l
Isopropylbenzene		LTMDL	0.00015 ug/l
Para-Isopropyltoluene		LTMDL	0.00015 ug/l
Para-Dichlorobenzene	75 ug/l	LTMDL	0.00015 ug/l
1,1-Dichloroethylene		LTMDL	0.00015 ug/l
1,1,1-Trichloroethane		LTMDL	0.00015 ug/l
Carbon Tetrachloride	5 ug/l	LTMDL	0.00015 ug/l
Dichloromethane	5 ug/l	LTMDL	0.00015 ug/l
Toluene		LTMDL	0.00015 ug/l
1,2-Dichloropropane	5 ug/l	LTMDL	0.00015 ug/l
Trans-1,2-Dichloroethylene		LTMDL	0.00015 ug/l
Cis-1,2-Dichloroethylene		LTMDL	0.00015 ug/l
Tetrachloroethylene	5 ug/l	LTMDL	0.00015 ug/l
1,1,2-Trichloroethane		LTMDL	0.00015 ug/l

Volatile Organic Compounds (continued)

Volatile Organics	EPA/State MCL	Analysis in Kearney City Water	Analytical Detection Limit
2,2-Dichloropropane		LTMDL	0.00015 ug/l
1,1-Dichloropropene		LTMDL	0.00015 ug/l
1,3-Dichloropropane		LTMDL	0.00015 ug/l
Bromodichloromethane		0.5 ug/l	0.00015 ug/l
Chlorodibromomethane		5.0 ug/l	0.00015 ug/l
1,2,3-Trichloropropane		LTMDL	0.00015 ug/l
1,1,1,2-Tetrachloroethane		LTMDL	0.00015 ug/l
1,1,2,2-Tetrachloroethane		LTMDL	0.00015 ug/l
Trans-1,3-Dichloropropene		LTMDL	0.00015 ug/l
Cis-1,3-Dichloropropene		LTMDL	0.00015 ug/l
N-Propylbenzene		LTMDL	0.00015 ug/l
Sec-Butylbenzene		LTMDL	0.00015 ug/l
Dichlorodifluoromethane		LTMDL	0.00015 ug/l
Fluorotrichloromethane		LTMDL	0.00015 ug/l
1,2,3-Trichlorobenzene		LTMDL	0.00015 ug/l
1,2,4-Trimethylbenzene		LTMDL	0.00015 ug/l
1,3,5-Trimethylbenzene		LTMDL	0.00015 ug/l

Synthetic Organic Compounds

Volatile Organics	EPA/State MCL	Analysis in Kearney City Water	Analytical Detection Limit
Alachlor	2.0 ug/l	LTMDL	0.1 ug/l
Aldrin		LTMDL	0.1 ug/l
Atrazine	3.0 ug/l	0.67 ug/l	0.08 ug/l
Benzo (a)pyrene	0.2 ug/l	LTMDL	0.06 ug/l
Butachlor		LTMDL	0.1 ug/l
Di(z-ethylhexyl)adipate	400.0 ug/l	LTMDL	0.5 ug/l
Di(z-ethylhexyl)phthalate	6.0	LTMDL	2.0 ug/l
Dieldrin		LTMDL	0.1 ug/l
Endrin	2.0 ug/l	LTMDL	0.6 ug/l

LTMDL = Less Than Method Detection Limit

MCL = Maximum Contaminant Level

ug/l = Parts Per Billion

Sewer Collection Division

	Total 2015-16	Total 2014-15	Total 2013-14	Total 2012-13
Sewer lines cleaned (feet)	266,042	107,367	92,897	103,975
Response to sewer calls	94	72	88	80
City sewer lines stopped	18	17	18	14
City sewer lines stopped by percent	19	23.6	20	17.5
Resident service line responsibility	76	55	70	66
Sanitary sewer televised (feet)	2,500	3,000	2,000	2,000
Sewer main miles in system	175.8	167.72	163.87	159

Wastewater Treatment Plant Division

	2015-16	2014-15	2013-14	2012-13	2011-12
Average Effluent BOD mg/l	3.7	4.3	3.5	3.9	3.17
Average Effluent Suspended Solids mg/l	4.1	5.1	3.8	4.5	4.10
Average Effluent pH (standard units)	7.40	7.34	7.35	7.30	7.40
Average Effluent Temperature deg C	61.5	61.1	16.8	15.8	15.91
Average Effluent NO3 mg/l	19.37	26.96	13.86	9.97	11.49
Average Effluent Dissolved Oxygen mg/l	5	5	5	3	4.82
Average Effluent Alkalinity mg/l	0	0	165	126	179.65
Average Influent BOD mg/l	163	162	163	178	169.75
Average Influent Suspended Solids mg/l	227	243	229	231	236.78
Average Influent pH (standard units)	7.53	7.52	7.52	7.56	7.55
Average Influent Temperature deg C	61.49	61.14	16.79	15.75	15.91
Average Effluent NH3-N mg/l	0.44	0.76	0.58	0.51	0.24
Average Influent NH3-N mg/l	23.94	25.26	25.08	25.61	20.85
Total Influent Flow billion gallons	1.14	1.18	1.20	1.16	1.26
Average Daily Influent Flow million gal / day	3.36	3.28	3.28	3.18	3.44
Total Effluent Flow billion gallons	1.21	1.25	1.27	1.25	1.36
Average Daily Effluent Flow million gal / day	3.59	3.47	3.48	3.42	3.72
Total R.A.S. Flow million gallons	736.75	752.96	624.78	656.53	658.27
Average Daily R.A.S. Flow million gal / day	2.23	2.09	1.71	1.80	1.81
Total W.A.S. Flow million gallons	9	9	9	9.92	8.85
Average Daily W.A.S. Flow Thousand gal / day	25.990	23.642	23.509	27.21	24.17
Average Daily W.A.S. Flow gal / day	25,990	23,642	23,509	27214.52	23640.20
Total Gallons Sludge Pumped (million gallons)	6	7	7	6.80	6.68
Total Tons Sludge Hauled	3,436	3,791	3,822	3630	3471.34
Total Cubic Yards Sludge Hauled	3608	3981	3992	3811	3629.99
Total Belt Press Operation Days	168	168	162	158	159.00
Total Pounds of Polymer Used	3,270	3,649	3,987	4404	5216.86
Average Daily Tons Sludge Hauled	20.45	22.57	23.59	22.97	21.83
Average Feed Solids %	4.0	4.1	4.3	3.6	3.67
Average Cake Solids %	24.6	23.7	24.8	23.3	24.17
Average Gallons Sludge Pumped Per Day	42,798	41,467	42,170	43133	42053.53
Average Daily Pounds of Polymer Used per day	22.3	21.8	24.1	28.4	31.95
Average Thousand Gallons Pumped	43	41	42	43	42.05
Total Plant Alarms	13	13	0	10	9.00
Total L.S. Alarms	13	13	0	10	9.00
% BOD Reduction	98%	97%	98%	98%	0.98
% Suspended Solids Reduction	98.0%	97.7%	98.3%	98%	0.98
% Ammonia Reduction	98%	97%	98%	98%	0.99
Total Water Used million gallons	0.00	0.00	0.00	0.00	11.20
Ave. E-Coli 5 months May1st- Sept.30th	95.9	90.4	71.3	17.11	16.55
Total hypochlorite used gallons 5 months	30,823.4	33,084.7	30,630.3	28,255.1	22664.30