

MEMORANDUM

**TO: RIVANNA WATER & SEWER AUTHORITY
BOARD OF DIRECTORS**

**FROM: ROBERT C. WICHSER
DIRECTOR WATER & WASTEWATER**

**REVIEWED BY: THOMAS L. FREDERICK
EXECUTIVE DIRECTOR**

SUBJECT: OPERATIONS REPORT FOR JUNE 2010

DATE: JULY 27, 2010

WATER OPERATIONS:

Average daily/monthly total water send-out for the month of June 2010 is as follows:

<i>Water Purification Plant</i>	<i>MGD/MG for Month</i>
Observatory	2.6 / 79.1
South Rivanna	7.4 / 222.5
North Rivanna	0.48 / 14.3
<i>Urban Total</i>	10.5 / 315.9
Crozet	0.51 / 15.3
Scottsville	0.06 / 1.7

- All RWSA water production facilities remained in 100% compliance with the Safe Drinking Water Act during the month of June.

Status of Reservoirs (As of July 19th) - Urban reservoirs are at 94.1 % usable capacity:

- Ragged Mountain Reservoir is -3.0' below normal pool level in preparation for hurricane season.
- Beaver Creek Reservoir is -0.4'.
- Sugar Hollow Reservoir is -2.2'.
- Totier Creek Reservoir is full.
- South Rivanna Reservoir is full.

WASTEWATER OPERATIONS:

Performance of the WWTPs was as follows for June 2010 versus respective permit limits:

WWTP	AVE. DAILY FLOW (MGD)	AVE. BOD (ppm)	PERMIT (ppm)	AVE. TSS (ppm)	PERMIT (ppm)
Moores Creek	8.2	1.4	11	7	22
Camelot Glenmore	0.104	6	30	25	30
	0.132	<QL	15	4	30
Scottsville	0.051	NR	30	NR	30
Stone Rob	0.002	NR	30	NR	30

NR- Not Required

<QL: Less than analytical method quantitative level, reported as zero.

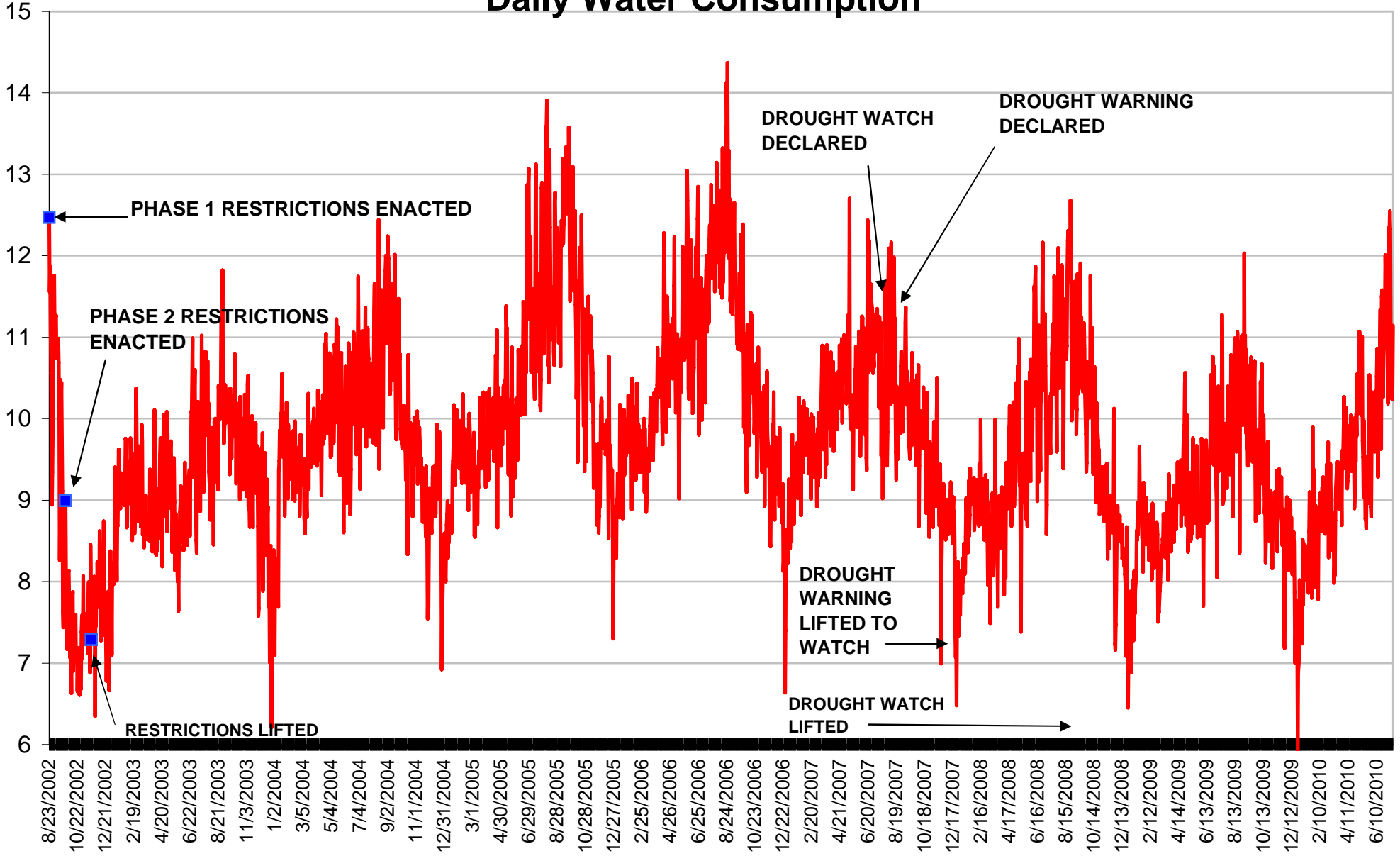
- All RWSA wastewater facilities were in regulatory compliance with their effluent concentration limits during the month of June.
- There were no odor complaints related to Crozet Pump Station No. 1 during this current reporting period.
- There were no odor complaints related to the Moores Creek WWTP facility during this current reporting period.

Additionally, the attached graphs are for your review and information. If you have any additional questions, please do not hesitate in contacting me at: 977-2970, Ext: 155.

cc: D. Golladay
C. Lang
Attachments

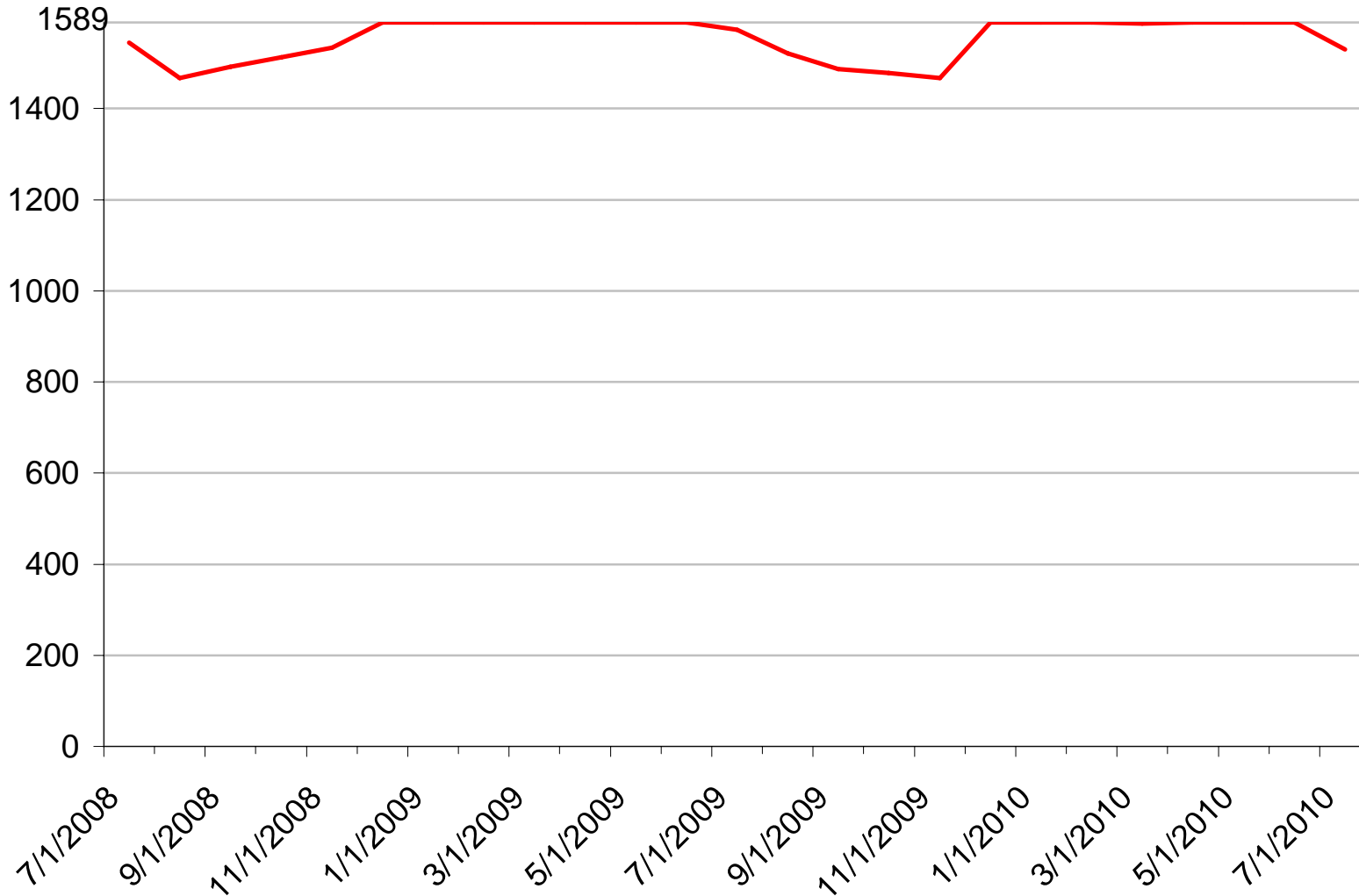
Million Gallons

Daily Water Consumption



Urban Raw Water Storage*

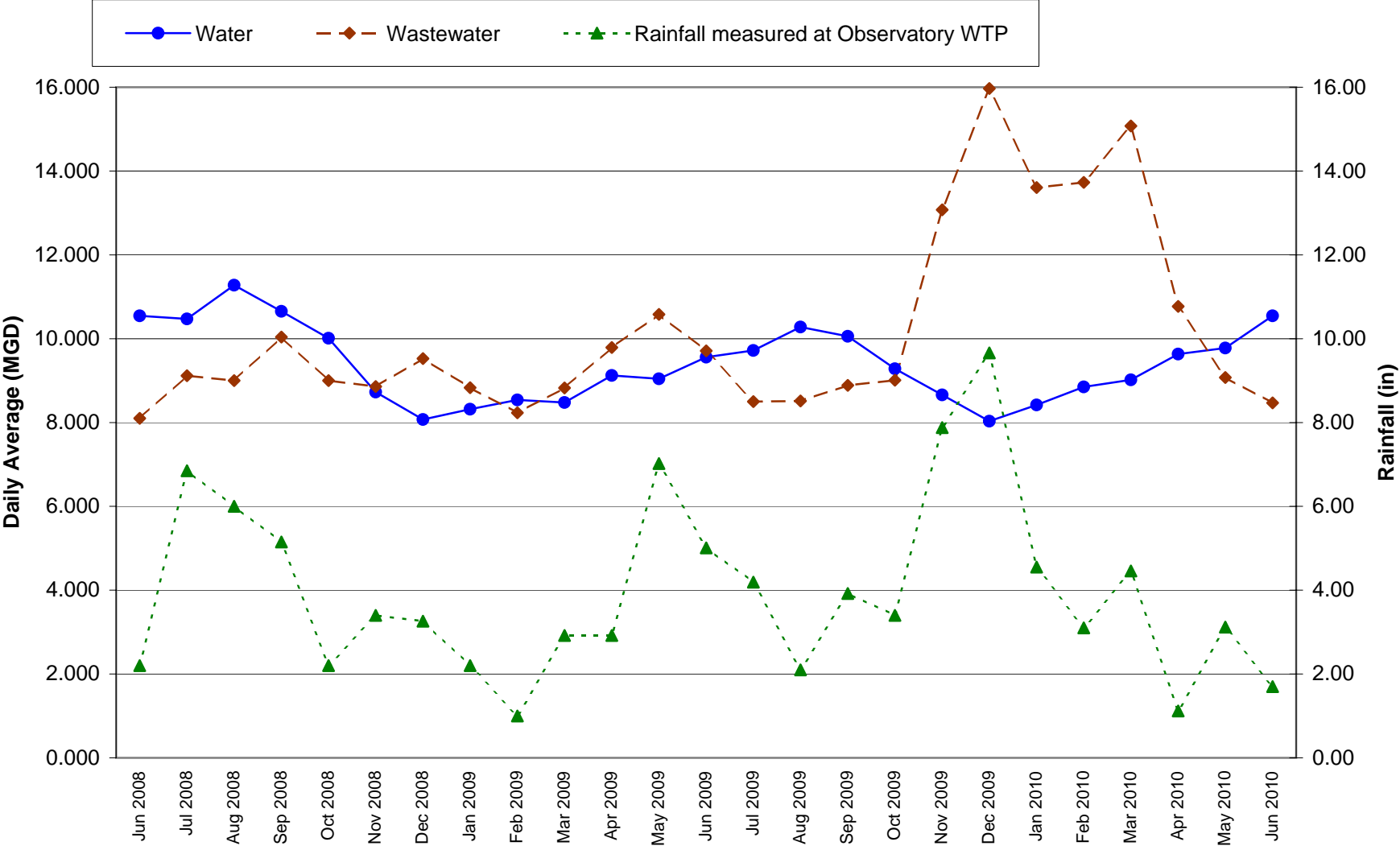
Million Gallons



* Includes the South Fork Rivanna, Sugar Hollow, and Ragged Mtn Reservoirs.

Date

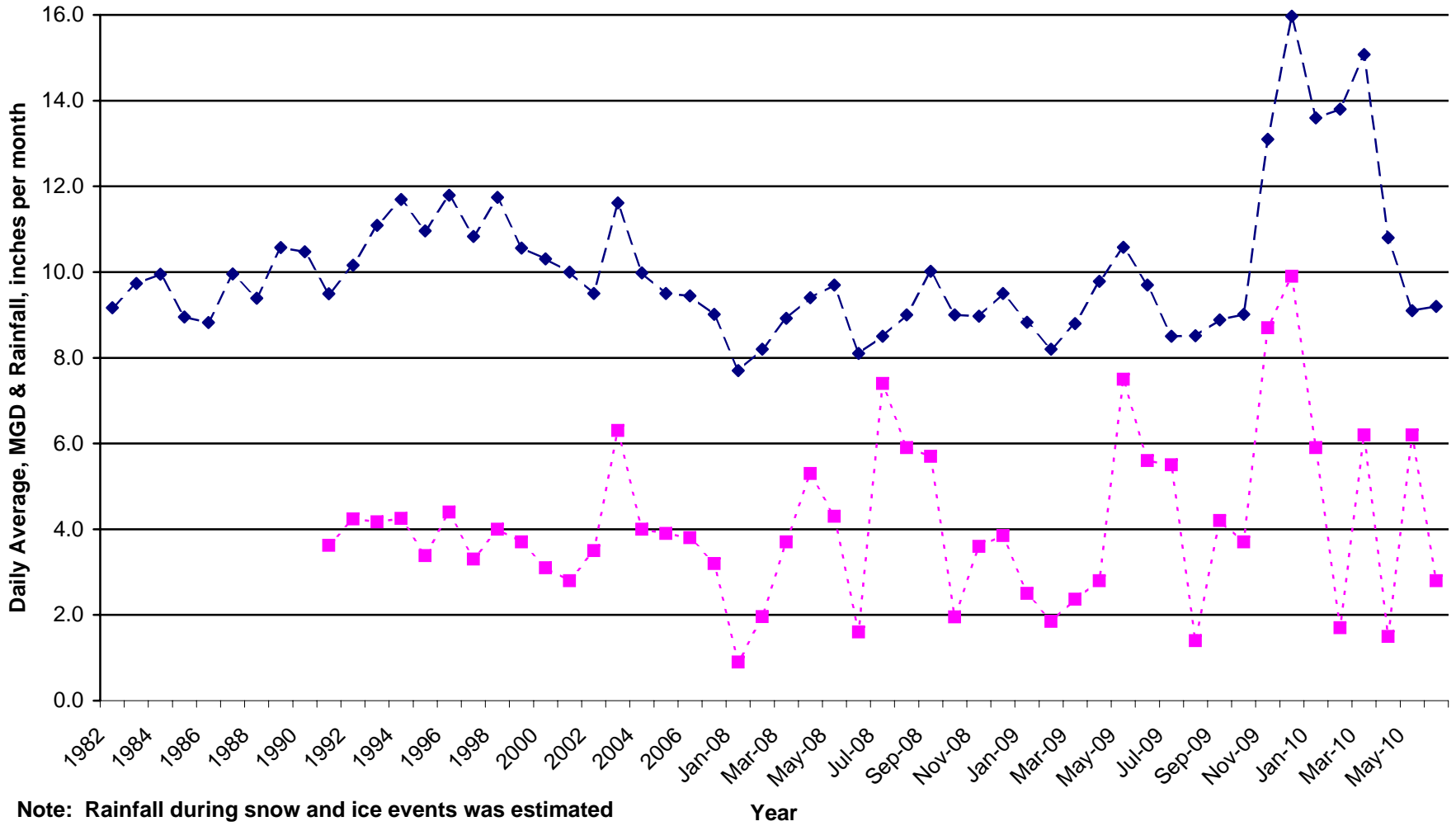
Urban Monthly Production



Note: Rainfall during snow and ice events was estimated.

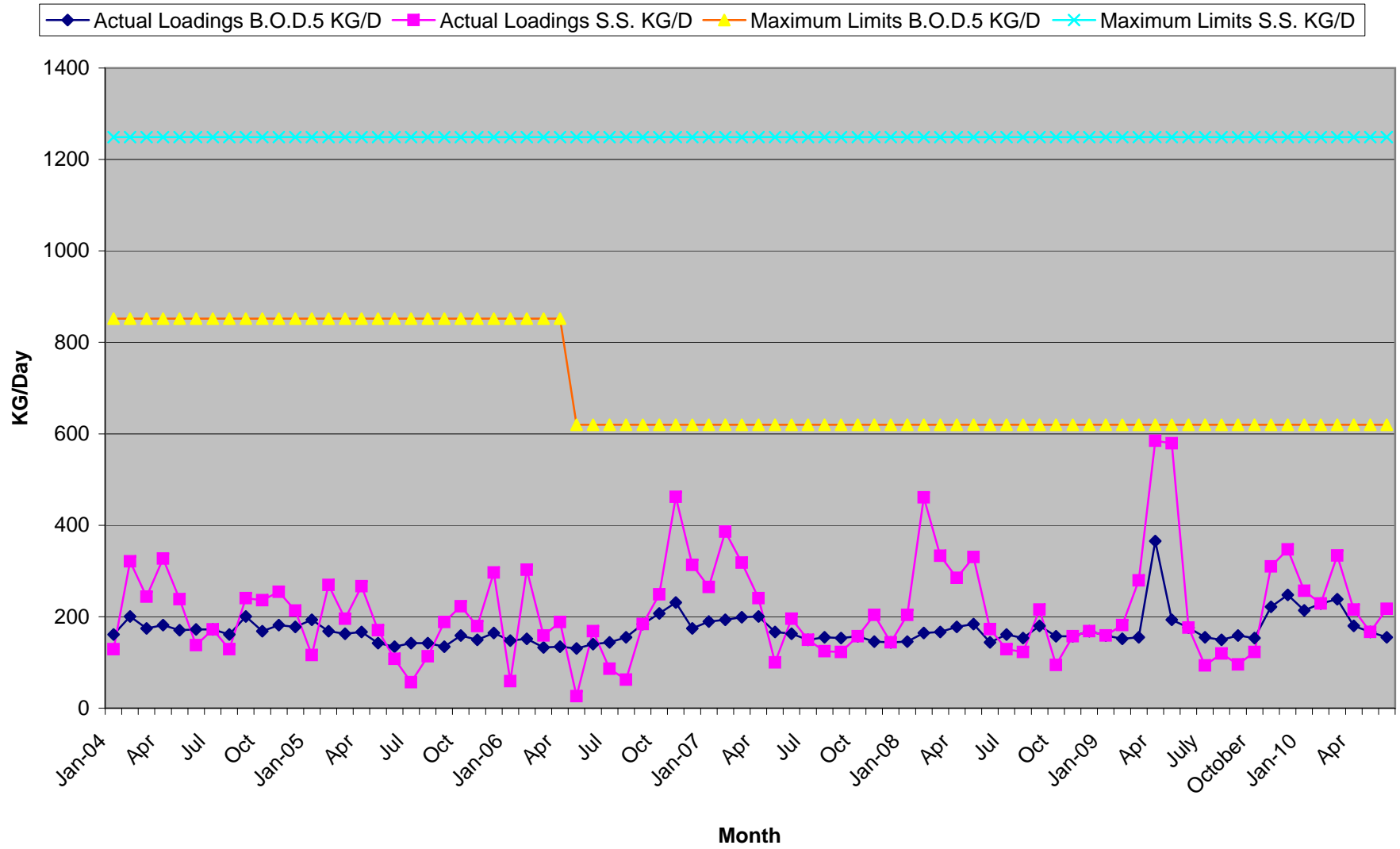
UWW Annual Flows & Rainfall Data

—◆— MGD
 - -■- - Rainfall, Average inches per Month measured at Moores Creek WWTP



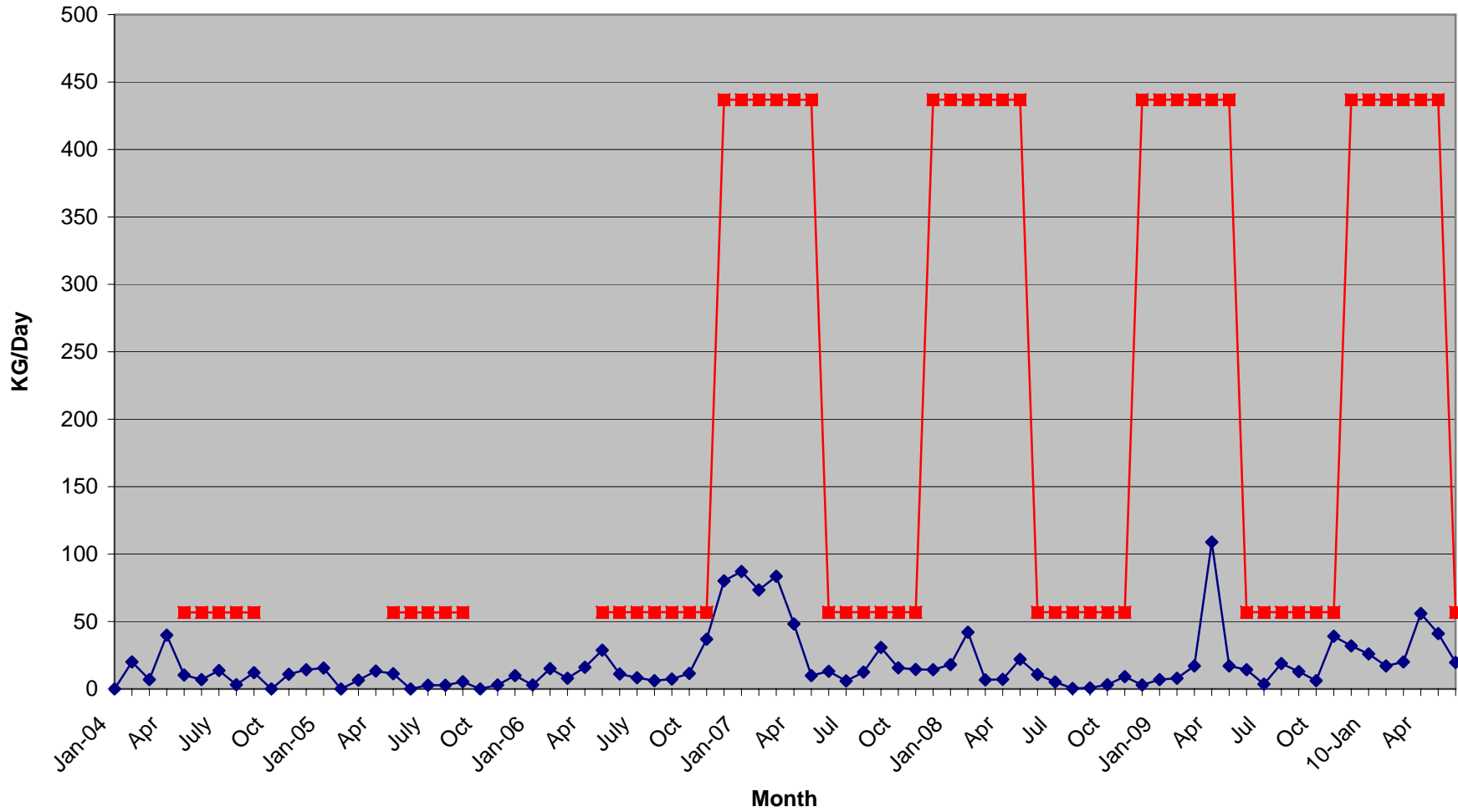
Note: Rainfall during snow and ice events was estimated

Moores Creek AWT Plant To Receiving Stream



Moores Creek AWT Plant To Receiving Stream

◆ Average Loading NH4 KG/D ■ Maximum Limit NH4 KG/D.



Note: NH₄ limits shown reflect changes from the renewal of the facility's VPDES Permit on May 1, 2006.