Monroe Township Municipal Utilities Authority

Monitoring Agreement
Monitor export of Kirkwood Cohanseay water out of the Pinelands and to address inter-basin transfer from the Atlantic Basin to the Delaware River Basin
Sewer Service Area (WQMP) amendment generated need to review water export

Sewers discharge to the Delaware River via the Gloucester County Utility Authority pipe

Water supplied from public and private wells in K/C (& other sources)

Hydrologic monitoring agreement signed in March 1990
MTMUA is limited to discharging up to 3 MGD wastewater

MTMUA reports sewer discharge, water use from the entire system and from the Atlantic Basin portion of the system

Approximately 90% of that discharge is from the Atlantic Basin

“Trigger Point” – sewer discharge of 2.4 – 2.7 MGD (2001; RAZ)
Average Daily Water Use (MGD)

MTMUA Avg Daily Water Use
Atlantic Basin Avg Daily Use
Review and Conclusion

- Continue monitoring sewer discharge (export) not water use
- If discharge consistently greater than 2.4 – 2.7 MGD, then new stream monitoring is required
- MUA instituted a program to detect and repair infiltration and inflow (I&I) to the system in March 2019
- System is operating within parameters of agreement