

Table 4-2. Existing Pumping Station Summary (2010)

Pumping Station	Location	Original Construction	Capacity (mgd)		Completed or Proposed Upgrade	Potential Flow Diverted to Other Treatment Plants ⁶	Existing or Potential Internal Flow Diversion	Gravity Service Area (acres)		
			Maximum ⁴	Firm ⁵						
1	104 North First Street	1950			2004		PS 13 or PS 14 (Future)	2,824	2,824	2,824
	To Pumping Station 6		18.0	15.0			PS 6			
	To Pumping Station 2		20.3	20.3			PS 2			
2	833 W. Washington Ave (Brittingham Park)	1964	41.0	41.0	2004		PS8, PS 1	923	1,179	1,179
3	Nine Springs	1959	1.5	1.5				514	514	514
4	522 John Nolen Drive	1967	4.2	4.2				1,331	1,331	1,331
5	5221 Lake Mendota Drive (Spring Harbor)	1996	3.6	3.6			PS2	1,101	1,016	1,016
6	402 Walter Street	1950	24.2	24.2	2010		PS 10	2,604	2,784	2,784
7	6300 Metropolitan Lane	1950	45.0	39.0	1992	Stoughton Plant, Sun Prairie Plant, Mendota	PS 18 (Future)	9,265	19,221	26,032
8	967 Plaenert Drive	1964	34.1	34.0	2010		PS 2	8,160	7,904	7,904
9	4612 Larson Beach Road, McFarland	1962	4.5	4.5		Stoughton Plant		2,615	4,955	6,495
10	110 Regas Road	1965	42.2	42.2	2004	Mendota Plant	PS 6	5,374	7,404	7,404
11	4760 East Clayton Road	1966	31.2	25.5	Rehabilitation Scheduled for 2013-2015	Sugar River		7,345	10,014	12,964
12	2739 Fitchrona Road	1969	23.5	16.6	Rehabilitation Scheduled for 2013-2015	Sugar River		4,548	8,253	8,482
13	3634 Amelia Earhart Drive	1970	20.2	20.0	Firm Capacity 2008	Mendota Plant		5,041	9,349	9,349
14	5000 School Road	1971	15.6	15.0	Firm Capacity 2008	Mendota Plant		8,202	16,710	21,735
15	2115 Allen Blvd	1975	8.8	5.8			PS 16, PS 5	3,463	6,275	7,194
16	1301 Gammon Road	1982	18.7	18.7				3,647	4,994	5,221
17	407 Bruce Street, Verona	1996	4.6	4.6		Sugar River		1,902	9,166	10,027
								68,859	113,893	132,455

Notes:

1. Priority Ranking are as established in the MMSD Collection System Facilities Plan Update-2008 adjusted for completed or projects schedule for completion prior to 2010
2. Station Capacities are as indicated in the Collection System Facilities Plan Update-2008 except for those stations noted as having upgrades completed or underway. Capacities for those stations are then new capacities after the upgrade.
3. MMSD currently has 43 million gallons of storage for treated effluent in the equalization basins on-site. If the storage is full, flow will be routed to Nine Springs Creek.
4. Maximum capacity represents the maximum pumping capacity of the pumping station.
5. Firm capacity represents the maximum pumping capacity of the pumping station with the largest pump out of service.
6. The Stoughton and Sun Prairie plants are existing plants and the Mendota and Sugar River plants are potential plants identified by the Master Plan. Detailed discussions on flows that will be diverted to these plants in different alternatives are included in the Chapter 7 of this report.