

BFDWD Design Scenario: WTP, Well 3 & 4 PFAS > 20 PPT

	<u>MGD</u>	<u>gpm</u>	<u>Well 2 down</u> no interconn <u>gpm</u>	<u>Well 5 down</u> no interconn <u>gpm</u>	<u>No Interconn.</u> interconn <u>gpm</u>
WMA permit ADD	0.66	458			
MDD to meet:	2.00	1388			
<u>WMA permit - Max Day (approved yields)</u>					
interconnection	0.432	300	300	300	
Well 1	0.396	275	275	275	275
Well 3 (>20 ppt PFAS)	0.77	450	0	0	0
Well 4 (>20 ppt PFAS)	<u>0.67</u>	<u>500</u>	<u>0</u>	<u>0</u>	<u>0</u>
Combined for Wellfield	1.225	850	575	575	275
Well 2	0.864	600		600	600
Well 5 (>20 ppt PFAS)	<u>1.296</u>	<u>899</u>	<u>899</u>		<u>899</u>
Combined for Wellfield	2.160	1499	899	600	1350
Total for System:	3.38	2349	1474	1174	1625
Balance of Supply Needed for future MDD					
Plant Design:			813	813	1113
			1.17	1.17	1.60

Scenario assumes that PFAS exceeds 20 ppt at Wells 3, 4 and 5, with WTP at Wells 2 & 5