Figure 2:   Worksheet Style Two

DATE: _____

REVIEW OF WASTEWATER TREATMENT CAPACITY		
Facility:_____	A.	B.
	CALCULATIONS	VALUES
Rated Capacity (Design Flow) = _____ MGD	GPD	GPD
1 National Pollutant Discharge Elimination System (NPDES) **Permitted Flow** (list in column B1)	XXX	
2 2003 Daily Average Flow of Wastewater (list in column A1)		XXX
3 2002 Daily Average Flow of Wastewater (list in column A1)		XXX
4 Estimated Inflow and Infiltration Flow impacting the Wastewater Treatment Facility (Subtract line 3 from line 2; report in A4 and B4). Or the I/I analysis from in-pipe monitoring and hydraulic modeling.		
5 Remaining capacity for existing and future wastewater flow. (Subtract B4 from B1; report in column B5)	XXX	
Calculating Existing and Encumbered S-1 Infill Flow		
6 Existing (current flow without I&I) S-1 Flow (Use Planning Sheet provided as Figure 1 to calculate)		XXX
7 Estimated encumbered flow <u>approved S-1 Building Permits not connected</u>. (Number of EDUs x flow rate per EDU) Add additional large commercial and/or industrial flow. **(Use Planning Sheet provided as Figure 1 to calculate)**	(X250)= _____ Plus any commercial and/or industrial flow:_____ Total: _____	XXX
8 Estimated encumbered flow from <u>approved S-1 Record Plats for Infill Lots having no building permits</u>. (Number of EDUs x flow rate per EDU) Add additional large commercial and/or Industrial flow. **(Use Planning Sheet provided as Figure 1 to calculate)**	(X250)= _____ Plus any commercial and/or industrial flow:_____ Total: _____	XXX
9 Allocated Capacity for Existing and Potential Infill Flow (Total S-1 Flow less I&I and report in A9 and B9)		
10 Subtract B9 from B5 and report current remaining capacity in B10.	XXX	
Estimating Future S-2 and S-3 Flow		
11 Estimated Future Flows from S-2 and S-3 classified areas. (Number of EDUs x flow rate per EDU) Add additional large commercial and/or Industrial flow. **(Use Planning Sheet provided as Figure 1 to calculate)**	(X250)= _____ Plus any commercial and/or industrial flow:_____ Total:_____	XXX
12 Add A9 + A11; report in A12.		XXX
13 Estimated I&I Flow or I/I Analysis Value (Report value provided from B4)		XXX
14 Determine Future Capacity Needs: Add A12 and A13. If value exceeds B1, report over-allocation in B14.		
15 Report Available Capacity: Subtract A14 from B1, if A14 exceeds B1 report 0 in B15 and see notification below.		
Report over-allocation (Subtract A14 from B1)	**(-) ***	**GPD**
<u>NOTE</u>: If there is a reported negative value for the remaining capacity allocation, please contact MDE for assistance.		