

DOMESTIC OR INDUSTRIAL TREATMENT FACILITIES TABLE FORMAT OUTLINE

Borough of Buena Municipal Utilities Authority, Wastewater Treatment Plant
(Name of Facility)

1. Existing or proposed facility: Existing
2. New Jersey Pollutant Discharge Elimination System Permit Number: NJ 0021717
3. Discharge to ground water (dgw) or surface water (dsw): dsw
4. Receiving water or aquifer: Deep Run
5. Classification of receiving water or aquifer: _____
6. Owner of facility: Borough of Buena Municipal Utilities Authority
7. Operator of facility: Borough of Buena Municipal Utilities Authority
8. Co-Permittee of facility (where applicable): _____
9. Location of facility:
 - a. Municipality & County Borough of Buena, Atlantic County
 - b. Street address 421 Plymouth Road
 - c. Block(s) and Lot(s) Block 121, Lot 11
10. Location of discharge (i.e. degrees, minutes, seconds):
 - a. Longitude 74, 55, 21 b. Latitude 39, 31, 22
 - or c. State Plane Coordinates _____

11. Present permitted flow or permit condition or daily maximum: 0.4 MGD existing/0.6 MGD future

12. Summary of population served/to be served including major seasonal fluctuations:

<u>Present (2019)</u> <u>Population Served*:</u>	<u>Municipality</u>	<u>Buildout</u> <u>Population Served*:</u>
<u>4,185</u>	<u>Borough of Buena</u>	<u>11,663</u>
<u>876</u>	<u>Buena Vista Township</u>	<u>3,153</u>
Total <u>5,061</u>		<u>14,816</u>

* Square footage for commercial development

13. Summary of wastewater flow received/to be received expressed in million gallons per day (mgd) and as a 30-day average flow for dsw or a daily maximum flow for dgw:

<u>Present (1/2018 to 12/2018)</u> <u>Wastewater Flow (mgd)</u>	<u>Municipality</u>	<u>Buildout Wastewater</u> <u>Flow (mgd)</u>
	Borough of Buena	
Residential flow <u>0.256</u>		<u>1.153</u>
Commercial flow <u>0.041</u>		<u>0.100</u>
Industrial flow <u>0.00015</u>		<u>0.097</u>
Infiltration/Inflow _____		
Total <u>0.297</u>		<u>1.350</u>
	Buena Vista Township	
Residential flow <u>0.046</u>		<u>0.140</u>
Commercial flow <u>0.007</u>		<u>0.199</u>
Industrial flow <u>0.00061</u>		<u>0.229</u>
Infiltration/Inflow _____		
Total <u>0.054</u>		<u>0.569</u>
Residential flow _____		
Commercial flow _____		
Industrial flow _____		
Infiltration/Inflow _____		
Total _____		
Total <u>0.351</u>		<u>1.919</u>

Note: The anticipated population and wastewater flows identified in the "Build out" column is based on current zoning within the sewer service area. The values represent the maximum number of dwelling units and use the maximum densities and available acreage. The Present Wastewater Flow is the maximum rolling 12-month average from August 2013 to December 2018. The maximum 12-month rolling average occurred from January 2018 to December 2018. The current amendment allows for an expansion of the permitted discharge to 0.6 MGD. Any expansion beyond 0.6 MGD flow will require further review and an additional water quality management plan amendment.