



STATE OF TENNESSEE  
**DEPARTMENT OF ENVIRONMENT AND CONSERVATION**  
**DIVISION OF WATER RESOURCES**

William R. Snodgrass - Tennessee Tower  
312 Rosa L. Parks Avenue, 11<sup>th</sup> Floor  
Nashville, Tennessee 37243-1102

May 23, 2024

Mr. Russ Stoots  
General Manager, Brownsville Energy Authority  
P.O. Box 424  
Brownsville, TN 38012

SENT VIA ELECTRONIC MAIL TO: [rstoots@budutil.com](mailto:rstoots@budutil.com)

Re: Pass Through Limits  
Brownsville Pretreatment Program  
NPDES Permit No. TN062367  
Haywood County

Dear Mr. Stoots:

Attached, please find a copy of the newly calculated Pass Through Limits (PTLs) for the Brownsville Wastewater Treatment - South Plant. These limits were calculated based on current stream background and flow information, and incorporate the Water Quality Criteria approved in September 2019. The enclosed limits will supersede any limits previously issued, and will take effect with your NPDES permit.

Brownsville should use these limits in a technical evaluation of its protection criteria and local limits according to Section 3.2 of the new NPDES permit. Furthermore, Section 3.2 has a requirement for completion of the Industrial Waste Survey. If you have any questions or concerns, please contact Gordon Holcomb at [Gordon.Holcomb@tn.gov](mailto:Gordon.Holcomb@tn.gov) or (615) 339-9956.

Sincerely,

Samantha O'Neil  
State Pretreatment Coordinator  
Compliance and Enforcement Unit

SLO:GRH

e-copy: Ms. Kaylee Sabo – DWR, Jackson EFO, [Kaylee.Sabo@tn.gov](mailto:Kaylee.Sabo@tn.gov)  
Ms. Madison McLaughlin – JR Wauford, [madisonm@jrwauford.com](mailto:madisonm@jrwauford.com)

## PASS THROUGH LIMITATIONS

Brownsville Wastewater Treatment – South Plant Design Flow: 2.03 MGD      05/23/2024      TN0062367      Haywood County      7Q10: 106 MGD

Parameter	Concentration (µg/l)
Copper	80.00
Chromium, III	Report only
Chromium, VI	Report only
Chromium, Total	60.00
Nickel	180.00
Cadmium	5.0
Lead	45.00
Mercury	0.40
Silver, Daily Maximum	4.02
Zinc	200.00
Cyanide	70.48
Toluene	15.00
Benzene	3.00
1,1,1 Trichloroethane	30.00
Ethylbenzene	4.00
Carbon Tetrachloride	15.00
Chloroform	85.00
Tetrachloroethylene	25.00
Trichloroethylene	10.00
1,2 trans Dichloroethylene	1.50
Methylene Chloride	50.00
Phenols, Total	50.00
Naphthalene	1.00
Phthalates, Total <sup>1</sup>	64.50

<sup>1</sup> Total Phthalates is the sum of Bis (2-ethylhexyl) phthalate, Butyl benzylphthalate, Di-n-butylphthalate and Diethyl phthalate.

Note: These limits are monthly averages, except for silver, which is a daily maximum. All sampling and analysis must be in accordance with 40 CFR 136 unless explicitly allowed by the NPDES permit. See Part 3.2. of the NPDES permit for sample type requirements. References include T.C.A. 0400-40-14-.12(7)(c), 40 CFR 136, and EPA Form 3510-2C (8/90 version).