pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
FISH AND BOAT COMMISSION

JOINT PERMIT FOR USE OF AN ALGICIDE, HERBICIDE OR FISH CONTROL CHEMICAL IN WATERS OF THE COMMONWEALTH

PERMIT NO.: 5920808

In compliance with the provisions of Pennsylvania's Clean Streams Law, as amended, 35 P.S. §§ 691.1 *et seq.*, the regulations at 25 Pa. Code § 91.38, and the Fish and Boat Code, 30 Pa. C.S. § 2504(a)(1),

Tennessee Gas Pipeline Co. LLC
1001 Louisiana Street Suite 1000
Houston, TX 77002-5089

is authorized to use the algicide(s), herbicide(s) or fish control chemical(s) ("pesticides") specified below, in accordance with the conditions and requirements set forth herein.

THIS PERMIT SHALL BECOME EFFECTIVE ON

February, 1, 2021

Municipality:	Shippen Township	**County:**	Tioga
Water Body:	Unnamed Wetland (W19)	**Total Area:**	1.473 acres
Receiving Stream:	Bear Wallow Branch (HQ-CWF)	**Avg Depth:**	<0.5 feet

TREATMENT INFORMATION					
Chemical	**Maximum Dose**	**Treatment Area**	**Treatment Depth**	**Amount Each Treatment**	**No. Annual Treatments**
Aquatic-labeled Glyphosate 5.4	Mixed Stands: 4-7 lbs/acre Monotype: 7-10 lbs/acre	1.473 acres	Not to be applied to standing water	variable	2
Alligare Triclopyr 4	2.8 quarts per acre	1.473 acres	Not to be applied to standing water	4.12 quarts	2
Poast (Sethoxydim)	1.5 pints per acre	1.473 acres	Not to be applied to standing water	2.2 pints	As needed to control perennial grasses

THIS PERMIT IS ISSUED UNDER THE FOLLOWING CONDITIONS:

1. The permittee shall use pesticides strictly as described by the product label. Chemical applications shall be performed in accordance with the manufacturer's label directions, existing pesticide use laws, and any conditions imposed by local or state agencies.

2. The permittee is responsible for all damages to aquatic life and human health resulting from treatment.

3. Failure of the permittee or agents acting on behalf of the permittee to follow the approved specifications, conditions and requirements immediately renders this permit null and void.

4. The permittee shall comply with pesticide licensing requirements established by the Pennsylvania Department of Agriculture for the applications approved under this permit.

5. This permit is valid for the treatment information identified above. The permittee shall submit a new application to amend this permit if any of the following changes are proposed:

a)   The permittee shall comply with pesticide licensing requirements established by the Pennsylvania Department of Agriculture for the applications approved under this permit.

b)   This permit is valid for the treatment information identified above. The permittee shall submit a new application to amend this permit if any of the following changes are proposed:

c)   Changes to the water bodies being treated.

d)   Increases in the maximum dose or to the number of annual treatments for any water body.

e)   Changes in the pesticide(s) used for treatment, unless the new pesticide(s) contain the same active ingredient(s) and the same or lower percent composition of the ingredient in comparison to the pesticide(s) previously approved by DEP/PFBC

APPROVALS		
For the Pennsylvania Fish and Boat Commission:		
Heather Smiles	Division Chief	1/13/2021
Heather Smiles	Title	Date
Additional Requirements: None		
For the Department of Environmental Protection:		
Thomas M. Randis	Environmental Program Manager	1/13/2021
Thomas M. Randis	Title	Date
Additional Requirements: None		