



Juliet Solar

Exhibit Q

Drain Tile Maintenance Plan

Case No. 20-1760-EL-BGN

# Drain Tile Maintenance Plan

## Juliet Solar

Weston and Milton Townships and the Village of Weston  
Wood County, Ohio

Prepared by:



Juliet Energy Project, LLC  
a wholly-owned subsidiary of 7X Energy, Inc.  
3809 Juniper Trace, Suite 100  
Austin, TX 78738  
Contact: Cliff Scher, Director of Project Development  
P: (866) 298-1632

With assistance from:



Environmental Design & Research,  
Landscape Architecture, Engineering & Environmental Services, D.P.C.  
217 Montgomery Street, Suite 1000  
Syracuse, New York 13202  
P: 315.471.0688  
[www.edrdpc.com](http://www.edrdpc.com)

March 2021

## **Introduction**

Juliet Energy Project, LLC (Juliet) has prepared this Drain Tile Maintenance Plan for the approximately 670-acre Juliet Solar Project (the Facility) in Wood County, Ohio. This plan was prepared to describe how Juliet plans to maintain the integrity of the drainage system of the Facility as it relates to the Facility property and the adjacent properties.

## **Drain Tile Survey**

Juliet has completed multiple steps to survey and identify the location and extent of the existing drainage tile system within the Facility boundary. Juliet interviewed participating landowners and received maps and photos from landowner records. Juliet also consulted with the Wood County Engineer to gain information on main drainage lines and County maintained drainage lines, ditches and streams under the county maintenance program.

## **Avoidance and Mitigation**

Based on the survey results, Juliet will make commercially reasonable efforts to avoid impacting the drainage tile system throughout development, construction, and operations. Avoidance efforts will include the completion of a hydrology study prior to final engineering, that considers a 100-year flood event. The results of that hydrology study and the drainage tile survey will inform final design and engineering. Drainage tile locations will be noted and avoided where possible during engineering. The hydrology assessment will identify hydrological conditions that can be mitigated during Facility construction and operations. Mitigation measures, including grading, drainage routing, etc. will be detailed in the grading plan, which will be prepared as part of final engineering plans for the Facility. This plan is intended to supplement and/or provide a functional equivalent to the existing drainage tile system. The detailed grading and drainage plan will include mitigation for neighboring properties to prevent negative impacts during construction and operation of the Facility.

## **Drain Tile Repair**

Juliet does expect to impact some portion of the existing drainage tile system during construction of the project. Juliet will evaluate the damage and repair or replace with functionally equivalent systems dependent upon the extent and impact of damage. If the affected landowner agrees to not have a field tile system repaired, Juliet may do so only if the field tile systems of adjacent landowners are unaffected by the non-repair of the landowner's field tile system. Also, if Juliet becomes aware during operation of circumstances indicating that the Facility has damaged functioning drain tile that are adversely affecting adjacent landowners or public drains (through unexpected water flows or ponding), then Juliet will promptly investigate the matter and use commercially reasonable efforts to promptly address and mitigate any such negative impacts to adjacent landowners or public drains. These mitigation efforts may include drainage routing, or correction of stormwater flows through retention facilities or other means.

## **Complaint Resolution**

Juliet has provided a Complaint Resolution Plan. Complaints related to drainage tile will be provided with responses quickly, as outlined in the Complaint Resolution Plan.

**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

**3/12/2021 2:42:55 PM**

**in**

**Case No(s). 20-1760-EL-BGN**

Summary: Application Exhibit Q - Drain Tile Maintenance Plan electronically filed by Teresa Orahoo on behalf of Dylan F. Borchers