

# PIKE SOLAR LLC



Appendix K- USACE Correspondence





October 2, 2020

## **Non-Wetland Water Features and Wetlands Report**

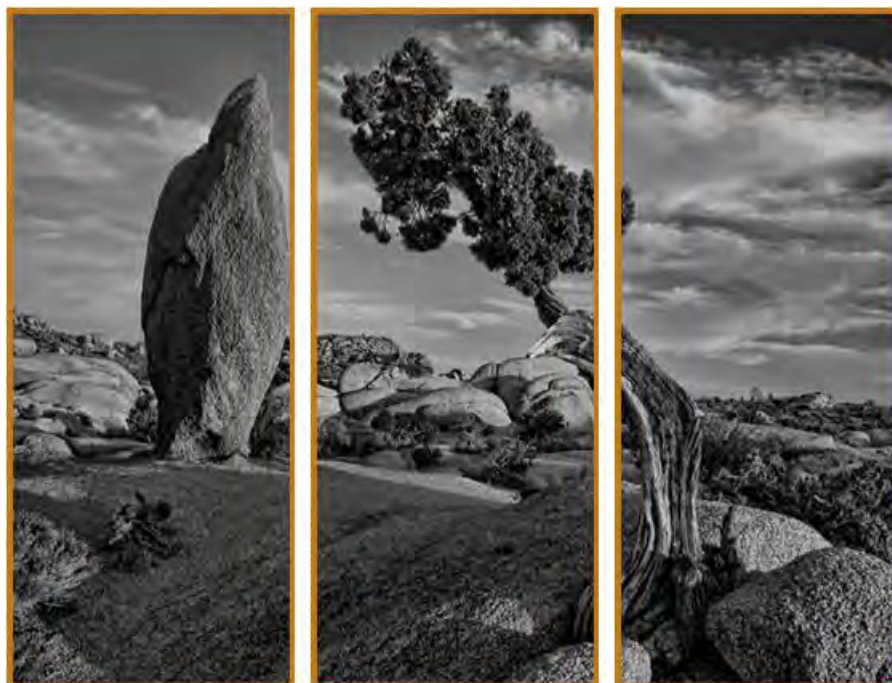
Pike Solar Project  
El Paso County, Colorado

**Prepared For:**

JSI Construction Group, LLC  
1710 29th Street, Suite 1068  
Boulder, CO 80301

**Pinyon Project No.:**

I/20-1215-02



October 2, 2020

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**Pike Solar Project  
El Paso County, Colorado**

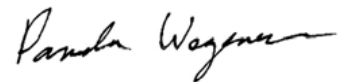
**Prepared For:**

JSI Construction Group, LLC  
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**Pinyon Project No.:**

1/20-1215-02

**Prepared by:**



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Appendix B. Wetland Determination Data Forms













wetlands. In wetlands where sampling points were not completed, reference pits were excavated to confirm soils and hydrology.

### **3.2.8 Unnamed Pond I**

Within the project area, Unnamed Pond I is shown as an intermittent pond associated with a former unnamed drainage on the Fountain, Colorado 7.5-Minute Quadrangle (USGS, 1994a; Figure 1a). Based on USGS maps, it appears that this pond was likely connected to Unnamed Drainage 5 in the past; however, a dirt access road has been constructed between the pond and Unnamed Drainage 5, and Unnamed Pond I now appears to be hydrologically isolated (Figure 2a; Photo 8 in Photographic Log). The pond was dry at the time of the site visits. Because Unnamed Pond I does not have an apparent surface water connection to a TNW, the feature may be non-jurisdictional. However, only the USACE has the final authority to determine jurisdictional status.

No wetlands associated with Unnamed Pond I were delineated within the project area.

## 4. Conclusions

Pinyon has performed a delineation of non-wetland waters and wetlands for the Pike Solar Project area. The information in this report will be used to obtain an Approved Jurisdictional Determination for the features identified within the project area: Williams Creek and associated wetlands (WL-01 through WL-08); Unnamed Drainage 1; Unnamed Drainage 2 and associated wetlands (WL-09 through WL-12); Unnamed Drainage 3; Unnamed Drainage 4; Unnamed Drainage 5; Unnamed Drainage 6 and associated wetlands (WL-13 through WL-21); and Unnamed Pond 1. The outcome of the jurisdictional determination will be used to inform project design. If the USACE concludes that any of the features in the project area are non-jurisdictional, then the project will be able to proceed with project activities in those areas without obtaining a Section 404 permit. A Section 404 permit must be sought for dredge or fill activities in areas determined to be jurisdictional.

Five of the drainage features (Williams Creek, Unnamed Drainage 1, 4, 5 and 6) and their associated wetlands (WL-1 thru 8 and WL-13 thru WL-21) delineated within the project area have potential connection to the Arkansas River, a TNW, and may therefore be jurisdictional. However, these features are intermittent and/or ephemeral, have been altered by human activity (impoundments), are dependent on seasonally wet periods and stormwater, and did not have a continuous OHWM for their entire length. The remaining drainage features (Unnamed Drainage 2, Unnamed Drainage 3 and Unnamed Pond 1) and their associated wetlands (WL-09 thru WL-12) do not appear to have a connection to a TNW and may therefore be non-jurisdictional. Jurisdictional status will ultimately be determined by the USACE.

## **5. Limitations**

This report was prepared by Pinyon, at the request of and for the sole benefit of JSI, or any entity controlling, controlled by, or under common control with JSI. The conclusions and recommendations offered in this report are based on the data obtained from a limited number of samples, within a prescribed project area as described in the text. Soil, hydrologic, vegetation, biological and ecological conditions typically vary even over short distances, by season, by elevation, and by meteorological conditions. Thus, the nature and extent of variations outside this biological investigation may not become evident except through further investigation. It is possible that ecological conditions may change from those observed, particularly over time.



## Figures

## Tables

**Table 1. Non-Wetland Water Features Information**

Waterbody Name	Figure Number	Latitude/ Longitude <sup>1</sup>	Flow Type	Downstream Connection	Acres Delineated
Williams Creek	2a, 2c, 2g and 2i	38.665398/-104.623097	Intermittent	Arkansas River <sup>2</sup>	8.85
Unnamed Drainage 1	2e	38.650457/-104.628062	Intermittent	Williams Creek	1.88
Unnamed Drainage 2	2e, 2f, 2g and 2i	38.630774/-104.618255	Intermittent	Williams Creek	1.32
Unnamed Drainage 3	2f	38.629237/-104.623995	Intermittent	Williams Creek	0.08
Unnamed Drainage 4	2f and 2h	38.632507/-104.633944	Intermittent	Williams Creek	0.88
Unnamed Drainage 5	2c	38.658921/-104.632920	Intermittent	Williams Creek	2.23
Unnamed Drainage 6	2b, 2c and 2d	38.664486/-104.608105	Intermittent	Williams Creek	12.56
Unnamed Pond 1	2a	38.666952/-104.632783	Intermittent	Williams Creek	0.86

<sup>1</sup>World Geodetic System [WGS] 84 Decimal Degrees

<sup>2</sup>Arkansas River is a Traditional Navigable Water (TNW)



## **Appendices**

## **Appendix A Photographic Log**

Photo 1. View of Williams Creek showing a heavily incised channel. Photo taken facing northeast.



Photo 2. View of Unnamed Drainage I. The ordinary high water mark (OHWM) was faint and intermittent. Photo facing northwest.



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**Pike Solar Project**

Photographic Log

Photos taken in July 2019 and September 2020

Photo 3. View of  
Unnamed  
Drainage 2.  
Photo taken  
facing north.



Photo 4. View of  
Unnamed  
Drainage 3.  
Drainage was  
dry at the time  
of the site visit.



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**Pike Solar Project**

Photographic Log

Photos taken in July 2019 and September 2020

Photo 5. View of  
Unnamed  
Drainage 4.  
Drainage was  
dry at the time  
of the site visit.  
Photo taken  
facing east.



Photo 6. View of  
Unnamed  
Drainage 5. The  
drainage was dry  
at the time of  
the site visit and  
the OHWM was  
faint and not  
continuous.  
Photo taken  
facing northwest.



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**Pike Solar Project**

Photographic Log

Photos taken in July 2019 and September 2020

Photo 7. View of Unnamed Drainage 6 showing an incised channel. Photo taken facing northeast.



Photo 8. View of Unnamed Pond I. Photo taken facing southwest.



Photo 9. View of  
WL-05 within  
the OHWM of  
Williams Creek.  
Photo taken  
facing south.



Photo 10. View  
of VL-06 within  
the OHWM of  
Williams Creek.  
Photo taken  
facing northwest.



Photo 11. View  
of WL-07 within  
the OHWM of  
Williams Creek.  
Photo taken  
facing southeast.



Photo 12. View  
of WL-09 along  
Unnamed  
Drainage 2.  
Photo taken  
facing west.



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**Pike Solar Project**

Photographic Log

Photos taken in July 2019 and September 2020

Photo I3. View  
of WL-11 along  
Unnamed  
Drainage 2.  
Photo taken  
facing south.



Photo I4. View  
of WL-12 along  
Unnamed  
Drainage 2.  
Photo taken  
facing east.



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**Pike Solar Project**

Photographic Log

Photos taken in July 2019 and September 2020

Photo 15. View of WL-16 within the OHWM of Unnamed Drainage 6. Photo taken facing west.



Photo 16. View of WL-17 within the OHWM of Unnamed Drainage 6. Photo taken facing northeast.



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**Pike Solar Project**

Photographic Log

Photos taken in July 2019 and September 2020

Photo 17. View of WL-20 within the OHWM of Unnamed Drainage 6. Photo taken facing west.



Photo 18. View of Sampling Point (SP)-01 in WL-01. Some standing water of Williams Creek noticeable in the background. Photo taken facing north.



Photo 19. View  
of SP-03 in WL-  
05. Photo taken  
facing east.



Photo 20. View  
of SP-05 in WL-  
07. Photo taken  
facing south.



Photo 21. View  
of SP-07 in WL-  
13.



Photo 22. View  
of SP-09 in WL-  
16.



Photo 23. View of SP-11 in WL-18. Standing water within Unnamed Drainage 6 in the background. Photo taken facing north.



Photo 24. View of SP-21 in WL-12.



## **Appendix B Wetland Determination Data Forms**





































































































































