Appendix D

Site Photos



Loyalist Solar LP *Water Assessment Report February 2017 – 16-3674* Photograph 1, facing east. Water body 1, located on a residential property southeast of the intersection of Hinch Road and Rattie Road.





Photograph 2, facing west. Location of potential water body 2, determined to be a dugout pond.



Photograph 3, facing southeast. Potential water body 3, determined to be an area of shallow open water within a wetland. Photograph taken from Edges Road.

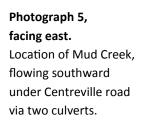


Photograph 4, facing north.

Upstream end of Mud Creek prior to crossing Centreville Road. Photo shows concrete barrier that may negatively impact fish migration through the watercourse.









Photograph 6, facing south. Downstream end of Mud Creek where it crosses Centreville Road, flowing southward into an adjacent Reed Canary Grass Mineral Meadow Marsh.





Photograph 7, facing southwest. Mud Creek, flowing under Rattie Road within the Project Location via a series of CSP culverts.



Photograph 8, facing north. Location of Tributary 1 to Mud Creek, determined to be a shallow grassed spillway used for drainage of the surrounding pasture area.





Photograph 9, facing south. Location of Tributary 2 to Mud Creek, flowing southward under Centreville road via an culvert.



Photograph 10, facing northeast. Substrates found within Tributary 2 to Mud Creek were predominantly cobble, gravel and boulders.





Photograph 11, facing northeast. Upstream end of Tributary 2.1 to Mud Creek at the intersection with the Project Location on Centreville Road, facing upstream.



Photograph 12, facing south. Downstream end of Tributary 2.1 to Mud Creek at the intersection with the Project Location on Centreville Road, facing downstream.





Photograph 13, facing northeast. Location of Salmon River, facing upstream towards the intersection with Sheffield Bridge Road.



Photograph 14, facing southeast. Habitat within the Salmon River was observed as primarily flat morphology. Photo taken near Sheffield Bridge Road when Salmon River flows within 120 m setback of the Project Location.





Photograph 15, facing south. Salmon River, facing downstream toward the intersection of the River with the Project near Haggerty Road.





Photograph 16 Salmon River at intersection with Teskey Road.



Photograph 17, facing west.

Tributary 1 to the Salmon River was surrounded by meadow habitat, with overhanging vegetation providing in-stream cover. Muck was observed as the dominant substrate. Photo taken upstream of the intersection with Teskey Road.



Photograph 18, facing east. Tributary 1 to the Salmon River. Photo taken downstream of intersection with Teskey Road.





Photograph 19, facing west.

Tributary 2 to the Salmon River, flowing westward within the Project Location under Edges Road via a CSP culvert.





Photograph 20, facing west. Downstream end of Tributary 2 to the Salmon River.



Photograph 21, facing northeast.

A small grate attached to the upstream end of the culvert at the intersection of Tributary 2 to the Salmon River and Edges Road could provide migratory obstruction for various fish species.



Photograph 22, facing south. Tributary 2.1 to the Salmon River. Photo taken facing upstream near the intersection with County Road 27, east of Teskey Road.





Photograph 23, facing west. Tributary 2.1 to the Salmon River at intersection with County Road 27, south of Marlin Road. Photo taken facing downstream.









Photograph 25, facing northeast. Tributary 2.1 to the Salmon River at pool area approximately 50 m south of the intersection with County Road 27, south of Marlin Road.



Photograph 26, facing west. Tributary 2.2 to the Salmon River. Photo taken facing downstream towards the CSP culvert at the intersection with Edges Road.





Photograph 27, facing west. Intersection of Tributary 2.2 to the Salmon River with Edges Road. Photo taken from the road.





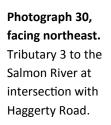




Photograph 29, facing northwest.

Area where Tributary 2.3 to the Salmon River was mapped during records review. No evidence of a watercourse was observed downstream of the culvert location adjacent to the wetland on Marlin Road.











Photograph 31, facing southwest. Tributary 3 to the Salmon River at intersection with Haggerty Road.



Photograph 32, facing northwest. Upstream end of Tributary 3.1 of the Salmon River at the intersection with the Project Location on Miller Road, facing upstream.





Photograph 33, facing southeast. Downstream end of Tributary 3.1 of the Salmon River at the intersection with the Project Location on Miller Road, facing downstream.



Photograph 34, facing west. Downstream end of intersection between

Black Creek and the Project Location on Murphy Road.





Photograph 35, facing east.

Upstream end of intersection between Black Creek and the Project Location on Murphy Road, facing upstream.



Photograph 36, facing east. Upstream end of Pennell's Creek near intersection with the Project Location on Miller Road, facing downstream.





Photograph 37, facing east.

Downstream end of Pennell's Creek near intersection with the Project Location on Miller Road, facing downstream.



Photograph 38, facing west. Evidence of the mapped Tributary to Pennell's Creek was not observed in assessment location. Mapped watercourse is estimated to be a combination of drainage swales through the agricultural field to the east and surface water in the grassed roadside ditches.



