

EXHIBIT 1

REPRESENTATIVE SITE PHOTOGRAPHS



Photo 1 – Unnamed tributary as it enters the Site from neighboring western property through culvert.



Photo 2 – Unnamed tributary riparian zone and adjacent upland.



Photo 3 – A head-cut erosion indicating instability on the unnamed tributary.



Photo 4 – Unnamed tributary lacking a forested buffer as it flows through pasture fields.



Photo 5 – Unnamed tributary is incised downstream from the head-cut.



Photo 6 – Pastured and degraded PEM wetlands within floodplain.



Photo 7 – Crossing structure over unnamed tributary. A culvert conveys the stream flow under the structure.



Photo 8 – Structure spanning stream to be removed.



Photo 9 – The North Branch of Pigeon Creek enters the Site through this culvert under Young Road.



Photo 10 – Downstream of the North Branch of Pigeon Creek as it enters the Site.



Photo 11 – Old farm corral to be removed from within the RZOI of the North Branch of Pigeon Creek.



Photo 12 – Pasture grass tussocks within the North Branch of Pigeon Creek.



Photo 13 – Unstable left stream bank of the North Branch of Pigeon Creek which is five feet high limiting the stream to access its historical floodplain.



Photo 14 – Eroding banks downstream of the confluence of the North Branch of Pigeon Creek and the unnamed tributary.



Photo 15 – Degraded wetlands within the stream floodplain.



Photo 16 – Example of the North Branch of Pigeon Creek onsite showing channel migration to the far right extent of the floodplain along the steep confining slope.



Photo 17 – Example of unstable channel characteristics including bank failure in the North Branch of Pigeon Creek onsite.



Photo 18 – Example of lateral instability of the North Branch of Pigeon Creek.



Photo 19 – Under-cut bank of the North Branch of Pigeon Creek.



Photo 20 – Example of stream channel incision in the lower third of Site limiting access to the floodplain.



Photo 21 – Portion of the North Branch of Pigeon Creek onsite showing unstable sinuosity, channel incision below the historical floodplain, and up-valley meander migration.



Photo 22 – The North Branch of Pigeon Creek has very few trees within the riparian buffer.



Photo 23 – Example of sloughing banks on the North Branch of Pigeon Creek.



Photo 24 – Example of degraded and pastured wetland within the historical floodplain.



Photo 25 – North Branch of Pigeon Creek as it flows off Site.



Photo 26 – Overview of upper portion of Site showing the confluence of the North Branch of Pigeon Creek and the unnamed tributary near the red stream crossing structure.

EXHIBIT 2

USACE FUNCTIONAL RATIO METHOD CALCULATION

USACE Functional Ratio Method Calculation

Functional Ratio Method - Streams

Habitat Type	Restoration Type	Crediting Ratio	Project Size (L.F)	Stream Credits Generated
Perennial Stream	Restoration	1 : 1	2,519	2,519
Total				2,519.0

Functional Ratio Method - Wetlands

Habitat Type	Restoration Type	Crediting Ratio	Project Size (acres)	Wetland Credits Generated
Forested Wetland	Re-establishment	1 : 1	4.8	4.8
Total				4.8