

Worksheet 6: Qualitative Worksheet for Stream Adverse Impacts

Project Name:	Twin Pines Heavy Minerals Mining - Adirondack
Impact Reach Name:	S10
Linear Feet of Impact (<i>Feet</i>):	198
Stream Type:	Intermittent/Ephemeral Streams
Date:	July 1, 2019

Impact Factors

	<u>Index Description</u>	<u>Index Value</u>
1. Stream Qualitative Functional Capacity Score (<i>SQFC</i>)	Moderate	0.75
2. Type of Impact (<i>Impact</i>)	Discharge of Fill (Including Culverts)	1.00
3. Product of SQFC and Impact (<i>SQFC Impact</i>) =		0.75
4. Duration of Impact (<i>Duration</i>)	Short Term - Less than 1 Year	0.75
5. Product of SQFC Impact and Duration (<i>Total SQFC Impact</i>) =		0.56
6. Product of Total SQFC Impact and Linear Feet (<i>Total 2018 Stream Credits Owed</i>) =		66.83
7. Conversion of Total 2018 Stream Compensation to Grandfathered Credits (<i>Grandfathered Stream Credits Owed</i>) =		801.90

Legend

Green Cells = User must manually input information.
 Orange Cells = User must select the index choice from the drop-down list.
 Grey Cells = The calculation of these cells is automated.