

The proposed area of this project lies on four different types of wetlands defined by the Hydrogeomorphic method (HGM). These types include: The current stream channel of Walker Fork (HGM Riverine), The riparian floodplain of Walker Fork (HGM Riparian), The off channel meanders of Walker Fork (HGM Riverine), The toe slope (HGM Slope)

The majority of the proposed mine plan lies on the toe slope of the valley. However, as Ferguson Placer Inc. (FPI) intends to mine all viable ground, some higher priority wetlands will need to be disturbed. This unavoidable disturbance will be minimized by the various methods mentioned in Appendix D. FPI will avoid all chance of discharge into Walker fork by either diverting the stream around the disturbed area or by leaving a sufficient buffer zone. A break down in acreage of each type wetlands affected by this project can be found bellow in tables 1,2,3. A further description of how these disturbances will be minimized and compensated for can be found in appendix D.

Wetland type	2013	2014	2015	2016	2017	Total
Current stream Channel	1.08	2.32	3.25	3.56	1.24	11.47
Flood Plane	2.89	6.20	8.68	9.50	3.31	30.58
Off Channel Features	2.50	1.50	1.25	2.00	3.00	10.25
Toe slope	16.25	22.62	26.07	24.19	24.69	113.82
Total	22.73	32.64	39.26	39.26	32.23	166.12

** figures are estimations based off aerial photos and rough measurements**

Wetland type	2013	2014	2015	2016	2017	Total
Current stream Channel	0.77	All overburden during this time will be stockpiled on previously mined land		0.19	0.15	1.12
Flood Plane	2.07			0.51	0.41	2.99
Off Channel Features	0.00			0.00	1.20	1.20
Toe slope	44.30			8.15	7.09	59.54
Total	47.14			8.86	8.86	64.86

** figures are estimations based off aerial photos and rough measurements**

Wetland type	2013	2014	2015	2016	2017	Total
Current stream Channel	n/a	n/a	n/a	n/a	n/a	n/a
Flood Plane	3.62	0.00	0.52	0.00	0.00	4.13
Off Channel Features	12.91	0.00	4.13	0.00	0.00	17.05
Toe slope	0.00	0.00	0.00	0.00	0.00	0.00
Total	16.53	0.00	4.65	0.00	0.00	21.18

** figures are estimations based off aerial photos and rough measurements**

	2013	2014	2015	2016	2017	Total
Total disturbance	86.39	32.64	43.90	48.12	41.09	252.15



POA-1991-354-M4, APMA 9124, Ferguson Placer, Inc., Walker Fork

Downstream view of creek in unmined area



POA-1991-354-M4, APMA 9124, Ferguson Placer, Inc., Walker Fork

Upstream view of creek in unmined area





POA-1991-354-M4, APMA 9124, Ferguson Placer, Inc., Walker Fork

Riparian zone side channel



POA-1991-354-M4, APMA 9124, Ferguson Placer, Inc., Walker Fork

Riparian zone - side channel

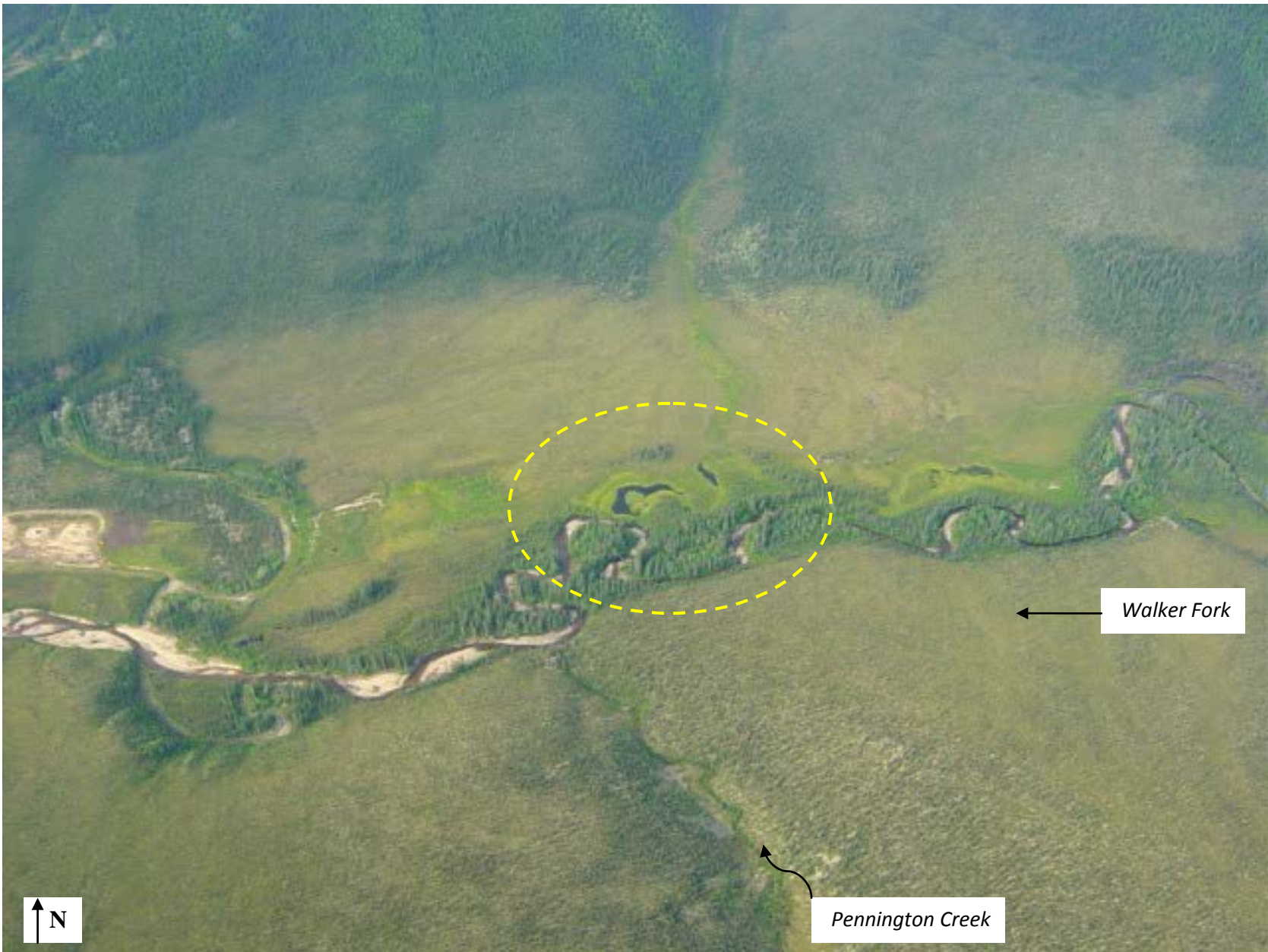






POA-1991-354-M4, APMA 9124, Ferguson Placer, Inc., Walker Fork

Toe slope wetlands and existing disturbance



POA-1991-354-M4, APMA 9124, Ferguson Placer, Inc., Walker Fork

Aerial 1 – Site photos taken in this area



