

#### MILLTOWN GREENLINE PHOTOS: 2010 - 2024

September 2024



PREPARED FOR:

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#### PREPARED BY:



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Cover Image: Floodplain wetlands upstream of the Clark Fork & Blackfoot River confluence. September 2024. Geum Environmental Consulting, Inc.



Figure 1. CFR2 greenline photo point locations.



# **Figure 2.** CFR3A greenline photo point locations. 2



Figure 3. CFR3B greenline photo point locations.

































Note: Channel migration following Spring 2011 flooding made this point inaccessible for repeat monitoring in 2011.





















































## CFR 2: GL-3 (Upstream @ side channel)

**Note:** Upstream side channel view captured beginning in 2015

















































**CFR 2: GL-5** 











































**CFR 2: GL-6** 































## CFR 2: GL-7

Note: GL-7 was established in 2011 to document treatments implemented at the confluence of the Clark Fork and Blackfoot Rivers post 2010 monitoring.





























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CFR 3A: GL-1
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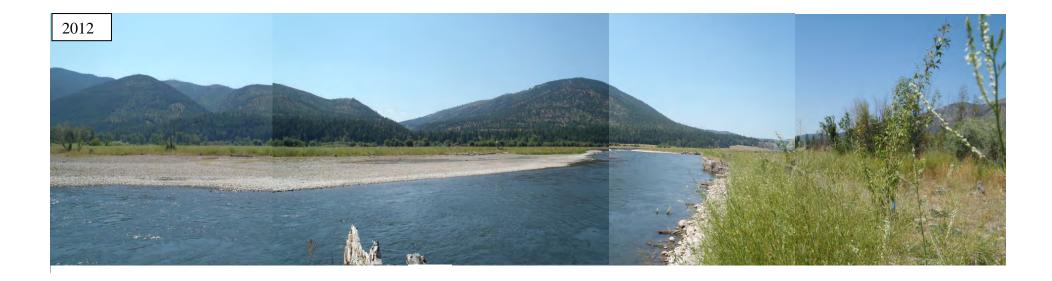






## CFR 3A: GL-2





























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CFR 3A: GL-3
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## CFR 3A: GL-4





























## CFR 3A: GL-5





















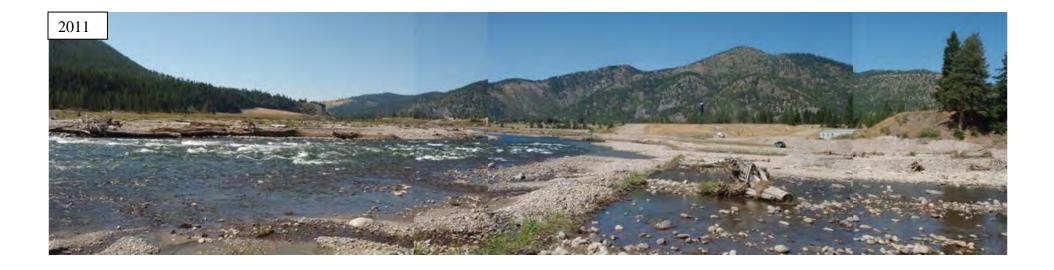








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CFR 3A: GL-6
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CFR 3B: GL-1
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Note: 2020 photo taken ~100 ft upstream from depositional feature – see 2019 photo for 2020 location.









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CFR 3B: GL-3
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Note: In 2013, GL-3 was moved approximately 150 feet to the southwest to capture the existing channel alignment.

























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CFR 3B: GL-4
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Note: In 2011, the GL-4 field of view was expanded to capture the effects of spring flooding.





































## CFR 3B: GL-5





**Note:** Photo point GL-5 was lost during the 2011 spring flood.

## CFR 3B: GL-6 & 6A



**Note:** Point GL-6 was inaccessible in 2011 and 2012 due to changes in channel alignment following the 2011 spring flood. GL-6a was established on the opposite bank in 2011 to document the post-flood channel alignment. In 2013, the original GL-6 photo point location was accessible again, and greenline photos resumed at the original location.









Note: In 2014, the GL-6 photo point location was moved upstream approximately 150' to capture the entrance to the left bank side channel.









Note: Taken from same location as 2017. In 2018, the main channel has migrated approximately 100'east.





















## **CFR 3B: GL-7**







Note: Photo point GL-7 was moved approximately 500' upstream in 2012 following changes to the channel and left bank resulting from 2011 flooding.













Note: Channel migration in 2018 has resulted in a backwater feature at GL-7. See alternate photos from main channel below.































CFR 3B: GL-8

















**Note:** Willow growth and high water interfered with ability to capture downstream bankline.













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CFR 3B: GL-9
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CFR 3B: GL-10
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**Note:** Photopoint location moved inland (west) ~100 ft due to bank erosion.

## 2021 on

Note: Photopoint location lost to ongoing bank erosion. See CFR3b GL-11 for view of upstream bank where photopoint was originally located.

## **CFR 3B: GL-11**

























Note: Photopoint location moved to capture extents of bank erosion. Bank upstream of photopoint (including GL-10 photopoint location) is eroded to mature tree/shrubs.





