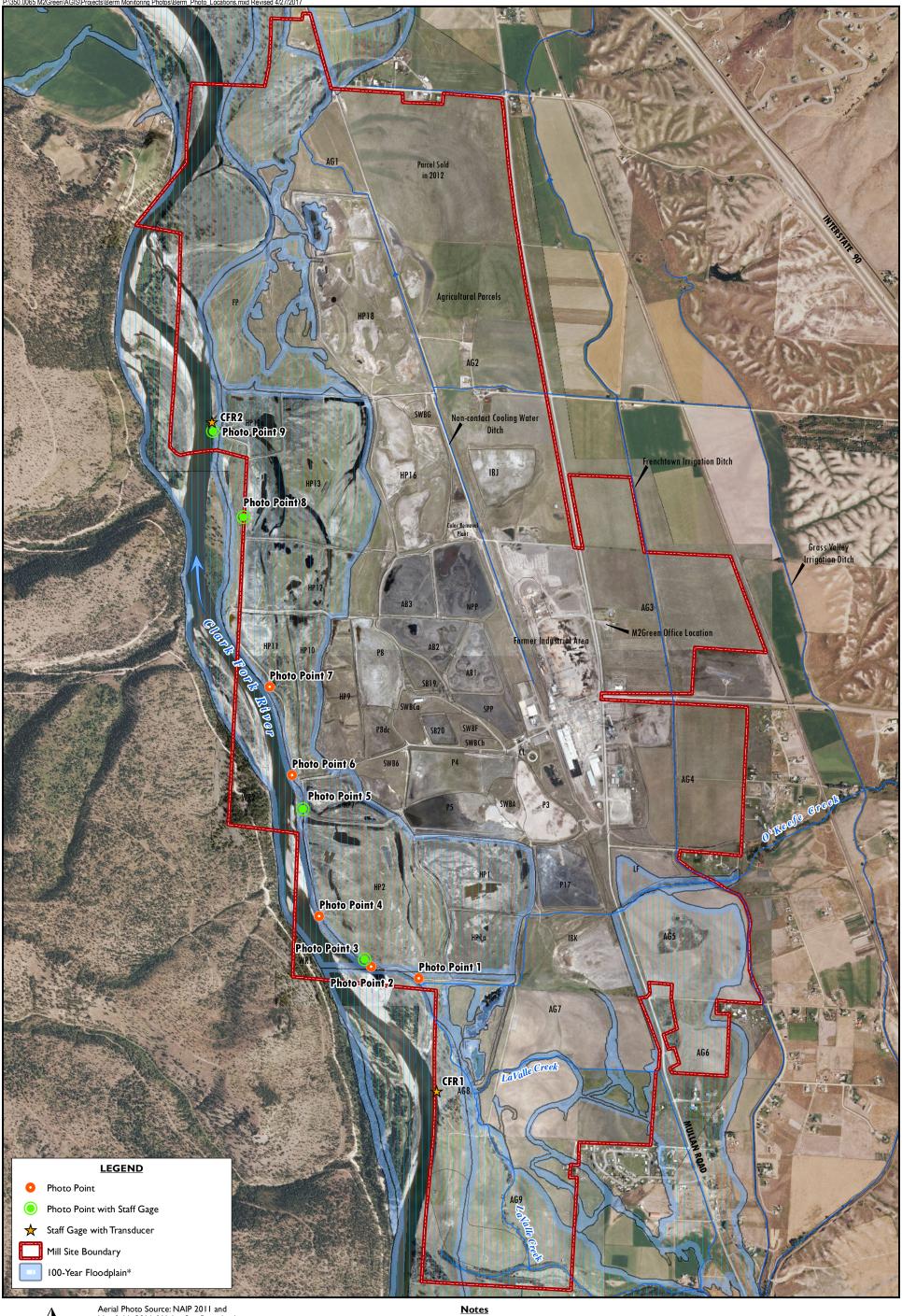
Former Frenchtown Mill	Observer: D. Hoffman
Project 350.0065.001	Date / Time: 4/19/17 1200 - 1730
Clark Fork River Berm	Weather: Sun, 52 F
Clark Fork Discharge at USGS Gage 12353000 (cfs): 8,400	

GENERAL COMMENTS/OBSERVATIONS

•	Started at east side of Holding Pond (HP) 1a and worked downstream.
•	Between 50-100 animal burrows on the south side of the berm at Holding Ponds 1a and 2 (Photo 1).
•	Burrows are located on the berm and at the berm base.
•	Berm erosion from cattle trails on both sides of berm at Holding Ponds 1a and 2 (Photo 2).
•	Some trails lead to mineral station located on top of berm
•	Bank erosion (Photo 4) on southwest corner of HP2 should be monitored.
•	Rip rap located at southwest corner of HP2 in poor condition (Photo 4), continue to monitor.
•	New staff gage installed at southwest corner of HP2 (Photo 4) at Photo Point 2 (PP2).
•	Heavy vegetation growth in areas between HP2 and HP11 makes it difficult to see some berm areas.
•	Erosion from scattered cattle trails on berm from HP2 to HP13a.
•	Mineral station located on berm near HP7
•	Several groups of animal burrows on the west side of berm at HP11.
•	New gage will be installed on concrete structure at PP5 (Photo 7).
•	New gage installed on tree at PP8 and additional gages will be installed at PP9.







Aerial Photo Source: NAIP 2011 and Newfields 2016 (Within Site Boundary)

*Floodplain Source: As defined by the Federal Emergency Management Agency (FEMA) 2013 Digital Flood Insurance Rate Map (DFIRM). (NFIP 2013)

AG - Agricultural Land AB - Aeration Stabilization Basin CFR - Clark Fork River CL - Clarifier FP - Floodplain

HP - Holding or Storage Pond IB - Rapid Infiltration Basin NPP - North Polishing Pond

P - Settling Pond SB - Spoils Basin SPP - South Polishing Pond SWB - Solid Waste Basin WR - West of River

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NewFields

PHOTO LOG

Site: HP1a

Date/Time: 4/19/17 1245 Staff Gage (ft): N/A

Location: N 46.950708 W 114.205047 Comments:

Photo 1- Looking north. Animal burrows in berm.



Site: HP2

Date/Time: 4/19/17 1245

Staff Gage (ft): N/A

Location: N 46.950708 W 114.207425 Comments:

Photo 2- Looking north. Cattle trail leading to mineral station on south side of HP2.



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NewFields

PHOTO LOG

Site: Photo Point 1

Date/Time: 4/19/17 1315

Staff Gage (ft): N/A

Location: N 46.95066 W 114.20983

Comments:

Photo 3- Looking northwest.
Southwest corner of HP2.



Site: Photo Point 2

Date/Time: 4/19/17 1315

Staff Gage (ft): N/A

Location: N 46.951097 W 114.213278

Comments:

Photo 4- Looking east. Bank erosion and rip rap in poor condition should continue to be monitored.



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NewFields

PHOTO LOG

Site: Photo Point 3

Date/Time: 4/19/17 1400 Staff Gage (ft): Below gage

Location: N 46.95146 W 114.21378 Comments:

Photo 5- Looking northwest. West side of HP2, new staff gage installed.



Site: Photo Point 4

Date/Time: 4/19/17 1415

Staff Gage (ft): N/A

Location: N 46.95341 W 114.21720

Comments:

Photo 6- Looking north. West side of HP2.



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PHOTO LOG

Site: Photo Point 5

Date/Time: 4/19/17 1430

Staff Gage (ft): N/A

Location: N 46.95862 W 114.21883 Comments:

Photo 7 - looking south. Located at outfall 2, west side of HP2/HP7. Gage will be installed on concrete structure.



Site: Photo Point 6

Date/Time: 4/19/17 1450

Staff Gage (ft): N/A

Location: N 46.96022 W 114.21975 Comments:

Photo 8- Looking north. Southwest

side of HP11.



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PHOTO LOG

Site: Photo Point 7

Date/Time: 4/19/17 1515 Staff Gage (ft): N/A

Location: N 46.96448 W 114.22173

Comments:

Photo 9- Looking north. West side of HP11.



Site: Photo Point 8

Date/Time: 4/19/17 1600 Staff Gage (ft): Below gage

Location: N 46.97270 W 114.22433

Comments:

Photo 10- Looking north. West side of HP12.



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PHOTO LOG

Site: West side of HP12 Date/Time: 4/19/17 1600 Staff Gage (ft): Below gage

Location: N 46.97270 W 114.22433

Comments:

Photo 11- Looking west. Staff gage at PP8



Site: Photo Point 9/CFR-2 Date/Time: 4/19/17 1620 Staff Gage (ft): 3.40

Location: N 46.97682 W 114.22689

Comments:

Photo 12- Looking north. West side of HP13a. Additional staff gage will be installed.

