Gile Flowage Storage Project
FERC No. 15055

Study Plan Report

Whitewater Recreation Flow Study

Prepared for

Northern States Power Company

Prepared by

Mead & Hunt

meadhunt.com

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1. Introduction

Northern States Power Company, a Wisconsin corporation (NSPW or Applicant), owns and operates the existing Gile Flowage Storage Project (Gile Flowage or Project), which is located on the West Fork Montreal River (West Fork) in Iron County, Wisconsin. The purpose of the Project is to augment flow in the West Fork of the Montreal River during low flow periods for hydroelectric generation at two downstream projects, the Saxon Falls Hydroelectric Project (Saxon Falls) and the Superior Falls Hydroelectric Project (Superior Falls). Both downstream projects are owned and operated by the Applicant and are licensed by the Federal Energy Regulatory Commission (FERC or Commission). The Applicant is currently seeking an original license from the Commission. To obtain a License, the Applicant must submit a Final License Application (FLA) to the Commission no later than August 18, 2023. The FLA, in part, must include a Whitewater Recreation Flow Study (Whitewater Study) to evaluate the effects of flow releases from the Project on whitewater opportunities on the West Fork downstream of the Gile Dam to Kimball Town Park.

On January 19, 2021, FERC issued Scoping Document 1 and requested stakeholders provide comments on the Pre-Licensing Application (PAD) and study requests within 60 days. During the 60-day comment period, the Applicant received comments and study requests relating to a whitewater recreation flow study from American Whitewater (AW), Friends of the Gile Flowage (FOG), and the National Park Service (NPS). AW requested a controlled flow study be conducted by evaluating at least three different river flows between 400 and 1,000 cubic feet per second (cfs) on the West Fork from the Gile Dam downstream to the US Highway 2 bridge (US Hwy 2). FOG requested silent sport recreation, including whitewater kayaking, be one of the recreation activities included in their request for a recreation study. NPS requested a recreation flow study be conducted on the West Fork from below the Gile Falls to US Hwy 2 to determine which flows are acceptable to boaters. Stakeholder requests, if applicable, were incorporated into a Proposed Study Plan (PSP).

On April 30, 2021, the Applicant filed a PSP with the Commission in support of its intent to license the Project. A supplement to the PSP was filed on May 3, 2021. The PSP included nine studies, one of which was a Whitewater Study designed to determine optimal flows for whitewater recreation downstream of the Gile Dam on the West Fork. The Applicant held an initial study plan meeting on May 20, 2021, to discuss the PSP with stakeholders. Comments on the Whitewater Study, as included in the PSP, were filed by AW, FOG, and NPS.

On August 30, 2021, the Applicant filed a Revised Study Plan (RSP) with the Commission. The RSP included revisions to five of the nine studies included in the PSP, and the addition of a project operation model. The Whitewater Study filed in the PSP was revised in the RSP to address comments on methodology, project schedule, and deliverables based on applicable stakeholder input.

On September 24, 2021, the Commission issued a Study Plan Determination (SPD) for the Project for the ten studies included in the RSP. The Whitewater Study was approved with modifications and must include a Level 1, Level 2, and Level 3 assessment based on the Whittaker method.[1]

[1] Whittaker method is detailed in Whittaker, D., B. Shelby, J. Gangemi. 2005. Flows and Recreation: A Guide to Studies for River Professionals. Whittaker, Shelby, & Gangemi, and the Hydropower Reform Coalition.

2. Study Goals and Objectives

The goal of the Whitewater Study was to evaluate the effects of incremental flow releases from the Project on the availability of whitewater boating opportunities on the West Fork, beginning below the Gile Dam and extending downstream.

The Whitewater Study objectives are as follows:

- Evaluate the incremental flow releases to determine optimal whitewater boating opportunities for different skill sets.
- Based upon updated flow duration curves, determine the number of days per year when river flows equal or exceed optimal whitewater flows; assess the feasibility of potential recreational flow releases.
- Quantify the effect on downstream generation and the impact on Project water levels for any four-hour period of proposed flow releases, adjusted for the month in which flow releases could occur.
- Develop an estimate of potential whitewater boating use if scheduled releases are provided.
- Identify competing recreational needs or environmental concerns associated with scheduled releases up to four hours in length.
- Verify the difficulty rating for each reach at varying flows as listed on the AW website.

3. Study Area

Initially, the Whitewater Study area was to include a stretch of the West Fork from the Gile Dam downstream to US Hwy 2 (NSPW, 2021a). This stretch is identified as a class IV whitewater boating reach (AW, 2007). However, a review of property ownership at the US Hwy 2 crossing revealed this area is privately owned and public access to the river would be dependent upon landowner permission.[2] Therefore, the study area was modified to extend from the Gile Dam downstream to Kimball Town Park, which provides public access to the river. Kimball Town Park is located approximately 0.84 miles upstream of US Hwy 2 (NSPW, 2021b). During the Whitewater Study, participants were offered the opportunity to continue downstream to US Hwy 2. However, after a brief discussion, the boaters declined this option and chose to use the additional time and their energy to repeat the run of Kimball Falls at Kimball Town Park several times.

The stretch of river from the Gile Dam downstream to Kimball Town Park was divided into three river reaches for study purposes. Study Reach 1 extended approximately 2.07 miles from the Gile Dam to the South Drive bridge. Study Reach 2 extended approximately 2.62 miles from South Drive bridge to the Center Drive bridge. Study Reach 3 extended approximately 1.15 miles from Center Drive bridge to Kimball Town Park (NSPW, 2021b). A map of the study area is shown in **Appendix A**.

[2] https://www.sco.wisc.edu/parcels/data-county/, accessed March 10, 2022.

4. Study Methodology

Per the Commission's SPD, the Whitewater Study methodology was modeled after the Whittaker method and included a Level 1, Level 2, and Level 3 assessment (Whittaker, D., B. Shelby, J. Gangemi, 2005).[3]

4.1 Level 1 Assessment – Desktop Analysis

According to the Whittaker method, a Level 1 assessment is "useful for developing information about existing or potential recreation opportunities, facilities, physical characteristics of the river, and recreation-relevant hydrology." A desktop analysis can include a combination of literature reviews, hydrological assessment, and/or interviews with recreationists and stakeholders to gain local knowledge about the river, whitewater recreation opportunities, and known flow effects (Whittaker, D., B. Shelby, J. Gangemi, 2005).

The Level 1 assessment included analysis of whitewater recreation on the following reaches:

- West Fork at Gile Dam to its confluence with the Montreal River
- Montreal River from its confluence to Saxon Falls

The West Fork was further divided into the following two reaches for analysis purposes:

- Gile Dam to US Hwy 2
- US Hwy 2 to its confluence with the Montreal River

4.1.1 Literature Review of Whitewater Recreation Resources

An online literature review for whitewater recreation resources was conducted in March 2022. The review focused on the Montreal River, West Fork Montreal River, and Gile Flowage. State and county websites were reviewed, as well as paddle sport and local recreation websites.

Sources with information relevant to whitewater rafting included the following:

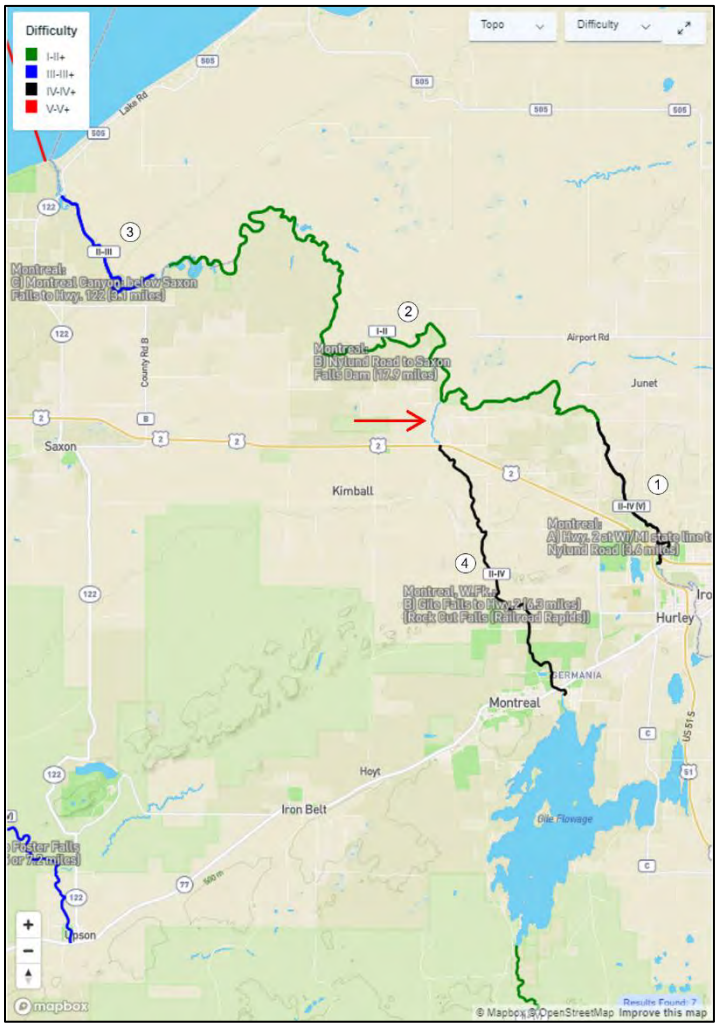
- American Whitewater
- Western Upper Peninsula Visitor's Bureau
- Outdoor Michigan
- Wisconsin Trail Guide
- Iron County Economic Development
- Midwest River Inventory
- AdamMartin.SPACE
- Youtube (online videos)

4.1.1.1 American Whitewater

The American Whitewater website was reviewed for information pertaining to the Montreal River, West Fork Montreal River, and Gile Flowage. The website provides an interactive map that allows the user to search for rivers by name or to navigate to a specific area. A search specific to the study area was conducted on March 9, 2022 with the results shown in **Figure 4.1.1.1-1**.

[3] Federal Energy Regulatory Commission *Study Plan Determination for the Gile Flowage Project*. September 24, 2021 (Appendix B).

Figure 4.1.1.1-1 Whitewater Rivers in the Vicinity of the Gile Flowage



The whitewater rivers and difficulty classifications, as defined by American Whitewater, in the vicinity of the Gile Flowage include:

1. Montreal, US Hwy 2 at WI/MI state line to Nylund Road (3.6 miles), Difficulty II-IV(V) (AW, 2022c).
2. Montreal, Nylund Road to Saxon Falls Dam (17.9 miles), Difficulty I-II (AW, 2022d).
3. Montreal, Montreal Canyon: below Saxon Falls to Hwy 122 (3.1 miles), Difficulty II-III (AW, 2022e).
4. Montreal, W.Fk., Gile Falls to US Hwy2 (6.3 miles), Difficulty II-IV (AW, 2022f).

It should be noted that the American Whitewater interactive map does not indicate a whitewater river or difficulty classification for that reach of the West Fork Montreal River downstream of US Hwy 2 to the confluence with the Montreal River (see red arrow in map).

The American Whitewater website includes a description of the West Fork Montreal River and Montreal River, as well as put-in locations with coordinates, alternate access/egress locations, and features such as channel widths, falls, drops, holes, and rapids. Additional information from the American Whitewater website relative to the Level 1 Assessment is provided in **Appendix B** and includes a map of additional class I/II+ whitewater recreation in the area. Two opportunities are located within the same watershed boundary as the Gile Flowage and include the Montreal River from Nylund Road to Saxon Falls Dam (includes a stretch upstream of the confluence with the West Fork), and West Fork south of Gile Flowage from an unnamed logging road to Spring Camp Road. Additional opportunities in the area include two stretches on the Bad River and one on Marengo River, both are approximately 30 miles west of Gile Flowage; one stretch on the Turtle River, approximately 25 miles south; and one stretch on each the Black River and Jackson Creek, approximately 15 to 20 miles east.

The American Whitewater website also provides a link to download a 2007 flow study prepared by Evan Stafford and Thomas O'Keefe.[4] The study, titled "West branch Montreal River Internet Flow Study October 2007", analyzes the acceptable inflow for whitewater recreation on the West Fork through an

[4] https://www.americanwhitewater.org/content/Document/view/id/243/, accessed March 1, 2022.

online survey targeted to individuals who may be interested in scheduled flow releases for whitewater recreation. The survey did not collect data for individual skill level, whitewater experience, preferred craft, or familiarity with the West Branch. The online survey was conducted from spring of 2006 to spring of 2007. The study does not indicate how many individuals participated in the survey or the skill level of those surveyed. Based on the individuals' responses, the study concluded that acceptable flows are between 400 and 1,000 cfs, with 600 cfs being acceptable to "the greatest variety of river users" (AW, 2007). The complete study is included in **Appendix B**.

4.1.1.2 Western Upper Peninsula Visitor's Bureau

The Western Upper Peninsula Visitor's Bureau website was reviewed for outdoor recreation opportunities in the area, including kayaking and canoeing.[5] [6] The website offers the opportunity to book a guide for various locations, including the mouth of the Montreal River, Superior Falls, and whitewater kayaking. The website also provides information on Whitecap Kayak, a guide company that provides trips on Lake Superior and along the Upper Peninsula, as well as whitewater kayaking lessons.[7] The Western Upper Peninsula Visitor's Bureau website can also be accessed from the Gogebic County Forestry and Parks Commission website (area recreation).[8]

4.1.1.3 Outdoor Michigan

The Outdoor Michigan website was reviewed for outdoor activities throughout the state and includes public and non-profit locations. The user can search for a location based on entering a region, county, township, city, or owner. The website also includes a list of nine activities and 34 features to choose from, one of which is "River".[9] This river feature provides an extensive list of Michigan rivers, including the Montreal River.[10] Recreation activities provided for the Montreal River include the Saxon Falls and Superior Falls waterfalls; however, the website does not include any information on whitewater recreation.

4.1.1.4 Wisconsin Trail Guide

The Wisconsin Trail Guide website was reviewed for outdoor recreation opportunities in the area and included a search option for Paddle Trails, which includes 20 rivers to choose from, including the Montreal River Canyon run of the Montreal River (downstream of Saxon Falls).[11] The website includes general information and a review of the run, as well as links to "Paddlers' Notes", location map, and GPS track and waypoints. Additional information from the Wisconsin Trail Guide website relative to Montreal River is provided in **Appendix C**.

4.1.1.5 Iron County, Wisconsin Economic Development

The Iron County, Wisconsin Economic Development website was reviewed for recreation opportunities in the county, including paddling opportunities on the Montreal River.[12] [13] The website indicates this run, called the Montreal River Canyon, is for experts; includes Class V rapids, dams, and inaccessible canyons; and is

[5] https://www.explorewesternup.com/, accessed March 15, 2022.
[6] https://www.explorewesternup.com/outdoor-recreation/kayakingcanoeing/, accessed March 15, 2022.
[7] https://www.whitecapkayak.com/, accessed March 15, 2022.
[8] https://www.gogebicforestryandparks.com/area-recreation, accessed March 15, 2022.
[9] https://outdoormichigan.org/pages/home?fid=2&act=Water+Trail, accessed March 9, 2022.
[10] https://outdoormichigan.org/feature/11959, accessed March 9, 2022.
[11] https://wisconsintrailguide.com/paddle/montreal-river.html, accessed March 14, 2022.
[12] https://ironcountywi.com/recreation/, accessed March 14, 2022.
[13] https://ironcountywi.com/recreation/canoe-trips/montreal-river/, accessed March 14, 2022

located on private property with no egress options once in the canyon. Additional information from the Iron County website relative to Montreal River is provided in **Appendix D**.

4.1.1.6 Midwest River Inventory

An archived website was discovered during the online review for whitewater recreation resources. The archived information includes a pictorial review of the whitewater recreation features starting at Gile Falls and continuing downstream to US Hwy 2 along the West Fork, as well as the Montreal Canyon along the Montreal River. The review states whitewater recreation starts at the Gile Falls with features that can push watercraft tight to river-right. The author states the flows shown in the pictures are "good boatable levels"; however, the level of flow is not defined. The review continues downstream and describes Rock Cut Falls as a class III-IV with a "great, long stretch of waves and holes" that provide continuous action and Kimball Falls as the final major run on the West Fork with a "V-shaped hole at the pool below" the falls. The author states boaters can take-out at Kimball Falls Park or continue downstream for about one mile to US Hwy 2. This final stretch is described as a class II-II+ with small waves. The Montreal Canyon review suggests a minimum flow of about 700 cfs provides good whitewater recreation opportunities, those opportunities are improved at 1,400 to 1,700 cfs.[14] The pictorial review is provided in **Appendix E**.

4.1.1.7 AdamMartin.SPACE

A photo blog, AdamMartin.SPACE, was discovered during the online review for whitewater recreation resources.[15] The photo blog provides photographs and descriptions of the author's outdoor experiences and includes information about:

- Gile Falls (https://adammartin.space/2019-gile-falls/)
- Rock Cut Falls (https://adammartin.space/?s=Rock+Cut+Falls)
- Kimball Falls (https://adammartin.space/2018-kimball-falls/)
- Saxon Falls (https://adammartin.space/2018-saxon-falls/)
- Superior Falls (https://adammartin.space/2018-superior-falls/)

The contents of the photo blog do not focus specifically on whitewater recreation; however, they do provide access information (kayak), location coordinates, and river flow pictures and videos. The contents of each link are provided in **Appendix F**.

4.1.1.8 Online Video Review

An online video search was conducted on March 14, 2022 to locate documentation about whitewater recreation flow rates for the West Fork and Montreal Rivers. Numerous videos posted to youtube.com were identified and are linked below with additional information provided by the video owner.

- west fork montreal rafting - YouTube
  Posted on June 7, 2013 by Duck Wild Producktions.
  Rock Cut Falls area with a description of "some rafting from the west fork of the Montreal river in Hurley Wisconsin at 2200 cfs."
  Snow on ground, lists flow as 2,200 cfs, 3-/4+, and water craft includes a Hyside Paddle Cat.

[14] https://www.oocities.org/midwestrivers/F-WI-MONTREAL.html, accessed March 9, 2022.
[15] https://adammartin.space, accessed March 14, 2022.

- West Fork Montreal Extreme Bucket Boating - YouTube
  Posted on May 12, 2013 by Duck Wild Producktions.
  Center Dr (?) to Kimball Town Park.
  Watercraft includes a Hyside Paddle Cat.

- Lazy River West Fork of Montreal - YouTube
  Posted on August 15, 2021 by Scotty Bartelt.
  West Fork Montreal – unknown specific location.
  Video includes a raft.

- Wisconsin Boating - Montreal, Tyler Forks, and Bad Rivers - YouTube
  Posted on June 6, 2013 by mjogdahl.
  West Fork Montreal, as well as Tyler Forks and Bad Rivers.
  Video includes a description of 1,750 cfs on the West Fork Montreal.
  West Fork Montreal video footage is from 0:00 to 2:41; 0:52 surfing at Elephant's Ear is noted.

- Montreal River Canyon Whitewater Rafting - YouTube
  Posted October 2, 2016 by ringo999999.
  Montreal Canyon below Saxon Falls Dam to US Hwy 122.
  Description includes "The gauge hotline is down from recent storms however we met a dam operator after our paddle and he said this level was around 600 cfs. Can't wait for 1600 and then some."
  Video includes a raft, canoe, and kayak.

- Montreal River Paddle - YouTube
  Posted May 24, 2015 by Ian Shackleford.
  Description includes "Kayaking the Montreal River through Ironwood (MI) and Hurley (WI). April 18, 2015. Video by Nathan Borth, wearing a GoPro camera. Volunteers from Whitecap Kayak paddled the river, collecting garbage and marking locations for future river cleanups. The Montreal River is the border between Wisconsin and Michigan's Upper Peninsula. They started near Norrie Park and ended at Peterson Falls (although the video ends before they reached the waterfall)."

- Montreal River Canyon open boat trip - YouTube
  Posted October 26, 2014 by Wisconsinred.
  Video shows paddlers using the Saxon Falls staircase to access the Montreal River.
  Watercraft includes a canoe, flow not listed.

- Superior Falls at High Flows from the Air - YouTube
  Posted April 10, 2019 by ringo999999.
  Description includes "Superior Falls is a waterfall on the Montreal River located on the border of Michigan and Wisconsin. This video was captured on April 10th, 2019 at high flows after a weekend of warm temps and rain."

- First and Second Drops of Superior Falls, Montreal River - YouTube
  Posted Oct 3, 2016 by ringo999999.
  Description includes "Video was shot from the Michigan side of Superior Falls on October 1st, 2016."
  No boating occurred.

- Third and Final Drop of Superior Falls, Montreal River - YouTube
  Posted Oct 3, 2016 by ringo999999.
  Description includes "Video was shot from the Michigan side of Superior Falls on October 1st, 2016."
  No boating occurred.
  Poster commented "Kinda low water right now but with a bit more water there is certainly a line throughout these 3 drops. We walked down to right on the edge of the falls and then some, so cool to feel the flow beneath your feet."

- Superior Falls on Montreal River - Michigan/Wisconsin border - YouTube
  Posted August 19, 2012 by Jonathan Katje.
  Description includes "The Xcel Energy group [sic] has opened a viewing area for these falls to the public, it is a semi-challenging hike but also gives a great view of the cliffs at the Lake Super [sic] rivermouth." Video is from the bottom of Superior Falls.
  Watercraft includes kayaks.

4.1.2 Hydrological Assessment

A hydrological assessment included an online source review for relevant hydrology data which was conducted in March 2022. Online sources included the United States Geological Survey (USGS) National Water Information System (NWIS) and USGS Wisconsin Water Science Center websites.

4.1.2.1 USGS NWIS Gage Data Review

The following USGS Gages were identified along the West Fork and Montreal in the Gile Project vicinity:

- USGS 04028987 WEST FORK MONTREAL RIVER @ CENTER DR NR HURLEY, WI
- USGS 04029000 WEST BRANCH MONTREAL RIVER AT GILE, WI
- USGS 04029500 WEST BRANCH MONTREAL RIVER NEAR KIMBALL, WI
- USGS 04028500 MONTREAL RIVER NEAR KIMBALL, WI
- USGS 04029550 MONTREAL RIVER 6 MI NORTHWEST OF IRONWOOD, MI
- USGS 04029990 MONTREAL RIVER AT SAXON FALLS NEAR SAXON, WI

Each USGS gage linked above includes information on available data, as follows:

- USGS 04028987 – no data is available
- USGS 04029000 – data available from 04-25-1918 to 09-29-1947 (upstream of Gile Dam)
- USGS 04029500 – data available from 06-26-1924 to 12-07-1925 (downstream of US Hwy 2)
- USGS 04028500 – data available from 06-26-1924 to 12-07-1925 (upstream of confluence)
- USGS 04029550 – data available from 07-27-1967 to 07-27-1967 (downstream of confluence)
- USGS 04029990 – data available from 10-01-1986 to 09-29-2017 (Saxon Falls)[16]

The USGS NWIS website states these six gages are maintained by the USGS Wisconsin Water Science Center. The USGS Wisconsin Water Science Center website provides a link to the National Water Information System (NWIS) Mapper, which was accessed to determine the locations of the five USGS gages with available data as they relate to the study area (shown in parentheses in the list above). [17] [18]

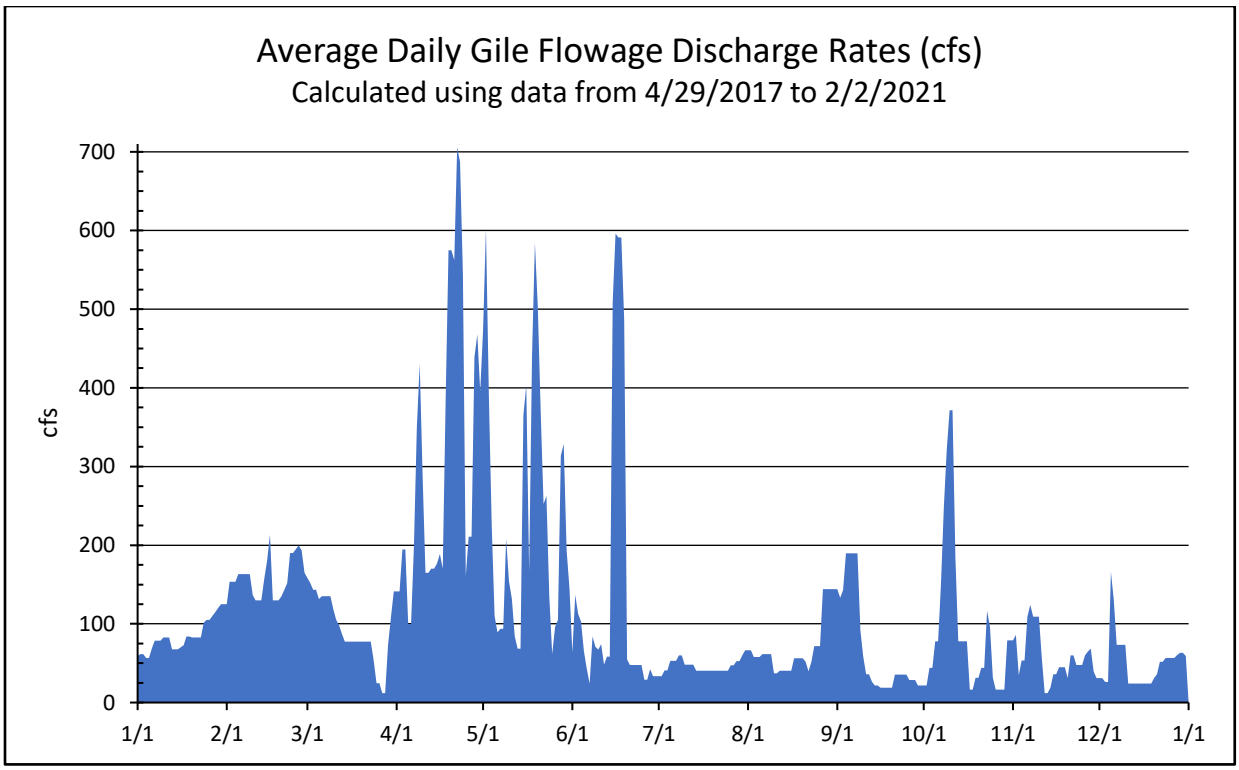
[16] Daily discharge values for this gage were provided to USGS by NSPW, no physical gage at this location.
[17] https://www.usgs.gov/centers/upper-midwest-water-science-center, accessed March 16, 2022.
[18] https://maps.waterdata.usgs.gov/mapper/index.html, accessed March 16, 2022.

Additional information about the data available on the USGS NWIS and USGS Wisconsin Water Science Center websites is provided in **Appendix G**.

4.1.2.2 Representative Gile Flowage Discharge Rate

The average daily discharge rate from the Gile Dam downstream to the West Fork is shown in the graph presented in **Figure 4.1.2.2-1**. The data used to calculate the average daily discharge was provided in Appendix P of the PSP (NSPW, 2021a). Data were available from April 29, 2017 through February 2, 2021, or 1,374 days. The highest daily discharge rate recorded during this time frame was 2,300 cfs and occurred on each of three consecutive days from June 16-18, 2018. The highest average daily discharge rate was calculated at 706 cfs on April 22 for the period of 2017-2021. The lowest daily discharge rate recorded was 12 cfs, which occurred on 498 days or approximately 36% of the time during this period. The lowest average daily discharge rate was also 12 cfs for the period of 2017-2021. It should be noted that a minimum flow of 10 cfs has historically been passed downstream of the Gile Dam in accordance with an agreement with the Village of Montreal (NSPW, 2020).

Figure 4.1.2.2-1 Average Daily Gile Flowage Discharge Rates



4.1.3 Interviews and Local Knowledge

On May 9, 2022, NSPW began coordinating with Jake Ring, a local boating enthusiast who routinely boats in this area, to identify boaters willing to participate in the June 11, 2022, Whitewater Study. Jake identified 17 boaters to participate in the study.

On May 24, 2022, NSPW notified AW and NPS via email of the Whitewater Study. A portion of the email invited each agency to submit boater recommendations for the study. Mr. Thomas O'Keefe, Pacific Northwest Stewardship Director with AW, responded via email on June 8, 2022, indicating he would not

be able to attend the study. Mr. O'Keefe stated his correspondence with Jake Ring indicated a sufficient number of participants are expected; therefore, he would not promote the study to any additional qualified boaters. Ms. Lilian Jonas, consultant with the NPS, responded via email on June 9, 2022 indicating the NPS will not be able to attend the study. The NPS did not identify any additional boater recommendations.

On May 24, 2022, NSPW notified Friends of the Gile Flowage (FOG) via email of the Whitewater Study. Cathy Techtmann, FOG President, indicated the Whitewater Study information would be shared with FOG during a May 28, 2022 annual meeting and also via email to FOG members. Correspondence with Jake Ring, AW, NPS, and FOG is included in **Appendix H**.

A three-part questionnaire was developed to gather information about existing and potential whitewater recreation opportunities in the vicinity of the Gile Flowage. The first part of the questionnaire addressed the reach along the West Fork from the Gile Dam to US Hwy 2 and US Hwy 2 to the Montreal River confluence, the second addressed the reach along the Montreal River from its confluence with the West Fork to Saxon Falls, and the third addressed boating opportunities in the area. This questionnaire was distributed to Jake Ring and all 17 boaters identified to participate in the Whitewater Study. A summary of boater responses is provided in the sections below. A copy of the questionnaire and participant responses are included in **Appendix I**.

4.1.3.1 West Fork

Boaters were asked to provide information about their use of the West Fork from the Gile Dam to US Hwy 2 and US Hwy 2 to the Montreal River confluence; access to these reaches; flow ranges, watercraft, and boater experience level suitable for the US Hwy 2 to the Montreal River confluence reach; and what characteristics make these reaches suitable or unsuitable for whitewater recreation. Boaters were also given the opportunity to provide any additional comments regarding the West Fork.

4.1.3.1.1 Gile Dam to US Hwy 2

Five of the 18 boaters stated they previously boated this reach of the West Fork. The boaters indicated they access this reach via County D to the road upstream of Rock Cut Falls (potentially South Drive) and below the Gile Dam. Two of the five boated this reach once, the remaining three stated they boat this reach when flows are high enough, which is typically early spring.

Boaters were asked what characteristics make this reach suitable or unsuitable for whitewater recreation. Five boaters provided comments on suitable characteristics, which included the following:

- Very rocky with high rock walls through rock cut, good gradient, and variety of rapids
- Scenic, pretty continuous, fun but not scary
- Continuous whitewater sections for everyone
- Gile Falls, cool features, rapid under railroad bridge was awesome
- Gile Falls

One boater noted log jams as an unsuitable characteristic. Two boaters provided additional comments, which included requesting an online gage that displays current flows and another stating they appreciate this stretch of the river.

4.1.3.1.2 US Hwy 2 to the Montreal River Confluence

None of the 18 boaters have used the reach from US Hwy 2 to the confluence with the Montreal River for whitewater recreation due to lack of suitable access; therefore, no boater input was provided for the suitability of flow ranges, watercraft, and boater experience level along this reach. Boaters were asked where they would recommend locating an acceptable access point along this reach. Five boaters stated they did not know where to locate an acceptable access point.

Although no boaters had previously used this reach, they were asked what characteristics make this reach suitable or unsuitable for whitewater recreation. No suitable characteristics were identified. One boater noted downed trees are an unsuitable characteristic, while another stated there is not a lot of documentation on this reach.

4.1.3.2 Montreal River

Boaters were asked to provide information about their use of the Montreal River from its confluence with the West Fork to the Saxon Falls Project; access to this reach; flow ranges, watercraft, and boater experience level suitable for this reach; and what characteristics make this reach suitable or unsuitable for whitewater recreation.

One of the 18 boaters stated they previously boated this reach of the Montreal River in 2019; however, the recreation activity was not related to whitewater boating. The boater accessed the Montreal River from Nylund Road (46.499585°, -90.215184°), although this location is not ideal. The location is approximately 4.5 miles upstream of the confluence and the boater encountered four log jams prior to reaching the confluence. The boater indicated the nearby railroad (Canada National) may be a more suitable access point; however, all surrounding property is privately owned. The boater stated this reach does not provide whitewater and therefore is not suitable for whitewater recreation. This stretch is suitable for a boater with novice experience level using a float craft such as a canoe or kayak; however, the log jams may require more experience due to portage requirements.

4.1.3.3 Boating Opportunities in the Area

Boaters were asked to provide information on additional Class I/II boating opportunities within or in the vicinity of the watershed boundary that includes the West Fork and Montreal Rivers. Six of the 18 boaters provided additional information.

Two boaters indicated they were not familiar with any additional Class I/II boating opportunities in the area and one boater suggested looking on the American Whitewater webpage for additional information. Two boaters referred to the Montreal Canyon below Saxon Falls. This stretch of the Montreal River is a Class II/III according to American Whitewater (AW, 2022a).

One boater commented the rivers in northern Wisconsin and the Upper Peninsula are rain dependent. This boater also provided four additional boating opportunities in the area, which included the following:

- Montreal Water Trail, Norrie Park to Cemetery: 4 miles, Class I, any flow, some logs
- Montreal Canyon: poor access, flows between 600-2,000+ cfs
- Black River from Blackjack to Hedberg:[19] 5 miles, Class I, flows between 150-800(?)+ cfs
- Presque Isle: some of this reach is flat

[19] Class I/II according to American Whitewater (AW, 2022b).

4.1.4 Level 1 Assessment Summary

The Level 1 Assessment included an online review and boater questionnaire to gather existing and accessible whitewater recreation information for the West Fork and Montreal River, public access locations and constraints, physical attributes of boating reaches, and hydrology for the West Fork from the Gile Dam downstream to its confluence with the Montreal River and the Montreal River from the confluence to Saxon Falls.

4.1.4.1 Literature Review Summary

The online review identified existing information for the West Fork from Gile Dam to US Hwy 2, the Montreal Canyon (downstream of Saxon Falls, outside of assessment area), and Superior Falls (outside of assessment area). The AW website was the only source identified that provided information on the West Fork downstream from US Hwy 2 to the confluence of the Montreal River and the Montreal River downstream from the confluence to Saxon Falls.

The AW website describes the West Fork from Gile Falls to US Hwy 2 as “Tough to catch water, but contains one of the longest IV- rapids in the state.” AW states the run is divided into two sections which include Gile Falls (put-in) to Kimball Town Park (take-out) and Kimball Town Park (put-in) to just downstream of US Hwy 2 (take-out). The Kimball Town Park to US Hwy 2 run is approximately 1.5 miles of class II-III rapids followed by 1.0 mile of flat water (AW, 2022f).

The AW website describes the Montreal River from Nylund Road to Saxon Falls Dam as a 16.8 mile, class I-II stretch. The Nylund Road put-in “is mostly for continuity with the upper section. Virtually throughout this reach, you'll find low-grade, read-and-run rapids, interspersing flat/flowing water.” AW recommends using the West Fork US Hwy 2 location as a put-in for this stretch under low flow conditions (AW, 2022d).

AW’s October 2007 internet flow study of the West Fork determined acceptable flows for whitewater boating are between 400 and 1,000 cfs, with 600 cfs being acceptable for the majority of boaters (AW, 2007).

Several online videos were identified which included whitewater recreation activities on the West Fork. A review of the videos and commentary indicated flows were between 1,750 and 2,200 cfs, difficulty class was stated as III-/IV+, and watercraft included a raft and Hyside Paddle Cat.

4.1.4.2 Hydrology Summary

A review of the USGS NWIS and USGS Wisconsin Water Science Center concluded no current data is available from gage stations along the West Fork or Montreal River in the study area. The hydrograph provided in Section 4.1.2.2 presents the average daily discharge rate from the Gile Dam from April 29, 2017 through February 2, 2021 shows a range of 12 to 706 cfs. The hydrograph provided in Section 4.1.2.3 displays average daily discharge rate from the Saxon Falls Dam from October 1, 1986 through September 29, 2017 shows a range of 125 to 1,220 cfs.

4.1.4.3 Interview and Local Knowledge Summary

The questionnaire developed to gather information about whitewater recreation opportunities in the vicinity of the Gile Flowage was distributed to 18 local boaters, as described in Section 4.1.3. An analysis of the questionnaire revealed that five of the 18 boaters previously paddled the West Fork from Gile Dam to US Hwy 2 due to suitable whitewater availability and put-in/take-out accessibility.

One boater noted log jams can make this stretch unsuitable for less-experienced boaters. No boaters paddled the reach from US Hwy 2 to the Montreal River confluence due to lack of suitable access and limited available information regarding this reach. One boater indicated they paddled on the portion of the Montreal River from its confluence downstream to Saxon Falls, although the boating activity was not related to whitewater recreation.

4.2 Level 2 Assessment

According to the Whittaker method, a Level 2 assessment can include limited field reconnaissance of boating reaches to further develop the information discovered in the Level 1 assessment (Whittaker, D., B. Shelby, J. Gangemi, 2005). The "on-land boating feasibility assessment" methodology was used as a basis for the Level 2 assessment of the Whitewater Study.

Per the Commission's SPD, the AW 2007 study "does not meet the requirements of a Level 2 assessment because it does not accurately describe the range of optimal flows that may be used to proceed to a Level 3 assessment." The Commission recommended NSPW consult with AW, NPS, and local boaters as part of the Level 2 assessment to "resolve inconsistencies with the 2007 study, determine the need for a site visit, and define study flows" prior to the Level 3 assessment (FERC, 2021). The Level 2 assessment also included field reconnaissance for put-in/take-out locations for the Level 3 assessment and study documentation, potential put-in/take-out locations for the West Fork downstream of US Hwy 2 to the confluence with the Montreal River and the Montreal River confluence to Saxon Falls, and coordination to determine the starting flow level for the Whitewater Study.

4.2.1 American Whitewater 2007 Study

In an effort to resolve inconsistencies with the AW 2007 study, NSPW consulted with AW, NPS, and Jake Ring (local boater) on May 24, 2022, regarding the Level 2 assessment needs. AW responded on June 8, 2022, requesting clarification to the following statement from NSPW, "NSPW has determined it is unable to resolve inconsistencies with the 2007 study unless the dates of the boating experiences rated in the 2007 study are provided by American Whitewater." NSPW responded to AW with the following on June 9, 2022:

> *American Whitewater submitted a letter to the Commission on March 17, 2021 regarding "Comments of American Whitewater on the Pre-Application Document and Proposed Study for the Gile Flowage Storage Reservoir Project", which included the following regarding the West Branch Montreal River:*
>
> *"The study area econompasses [sic] the West Branch Montreal River from Gile Flowage to Highway 2 as identified in American Whitewater's National Whitewater Inventory. American Whitewater completed a survey-based flow study (i.e. a study where users self report flows and respond to an online survey) in 2007 determining that 400-1000 cfs was the optimal range. While we concluded that a significant population of river users would prefer higher flow releases, we did not evaluate flows greater than 1000 cfs. We determined that while some individuals have run the river at these higher flows, these opportunities are limited and unlikely to be provided for during a controlled release. Based on the results of our study we proposed an optimum release schedule for a weekend of two releases that would begin with a release of 600 cfs on Saturday morning at 10 am and until 4 pm, and a second release day of 800-1,000 cfs on Sunday, which would begin at 10 am and end at 4 pm. If the release schedule had to be limited to one day we concluded a flow of 600-800 cfs should be released between 10 am and 4 pm*

on a Saturday. A limitation of this study was the fact that users self-reported their runs and in some cases estimating flows and scoring flows that they may not have actually experienced. The study provides a useful starting point but results need to be confirmed to be used as the basis for protection, mitigation, and enhancement measures for recreation in a new license."

NSPW held a virtual meeting on May, 20, 2021, which you attended, to discuss the Gile Flowage Storage Reservoir Proposed Study Plan Meeting. You discussed that American Whitewater has additional data regarding the 2007 study and can e-file that information to the Commission so it can be placed on the Docket. To date, no additional information on the 2007 study has been e-filed to the Docket.

In discussions with local boaters, 400 cfs is believed to be too low to adequately boat, which contradicts the 2007 study that says 400 cfs is the minimum boatable flow. The Commission asked NSPW to try to resolve the contradiction or inconsistencies with the 400 cfs flow level in 2007 study as part of a Level 2 assessment for the Gile whitewater study. In order for NSPW to reconcile the discrepancies of the 2007 study, American Whitewater needs to provide the dates boating occurred in the 2007. If the dates are provided, NSPW can review their operational records for those boating dates to determine the flow (cfs) that occurred in the West Fork Montreal River and could then "calibrate" the results of the 2007 study. This calibrated flow (cfs) would be important to determine the starting flow for the Gile whitewater study that will take place starting at 10:00 am on Saturday, June 11, 2022.

Correspondence with AW is included in **Appendix J**.

4.2.2 On-Land Field Reconnaissance

NSPW conducted field reconnaissance prior to the Level 3 assessment based on the following objectives:

- Locate accessible and safe put-in/take-out locations for the Level 3 assessment
- Locate accessible and safe photo/video documentation locations for the Level 3 assessment

In addition, based on Level 1 assessment questionnaire responses, field reconnaissance was conducted to locate potential put-in/take-out locations for the following reaches:

- West Fork downstream of US Hwy 2 to the confluence with the Montreal River
- Montreal River confluence to Saxon Falls

4.2.2.1 Put-In/Take-Out Locations for Level 3 Assessment

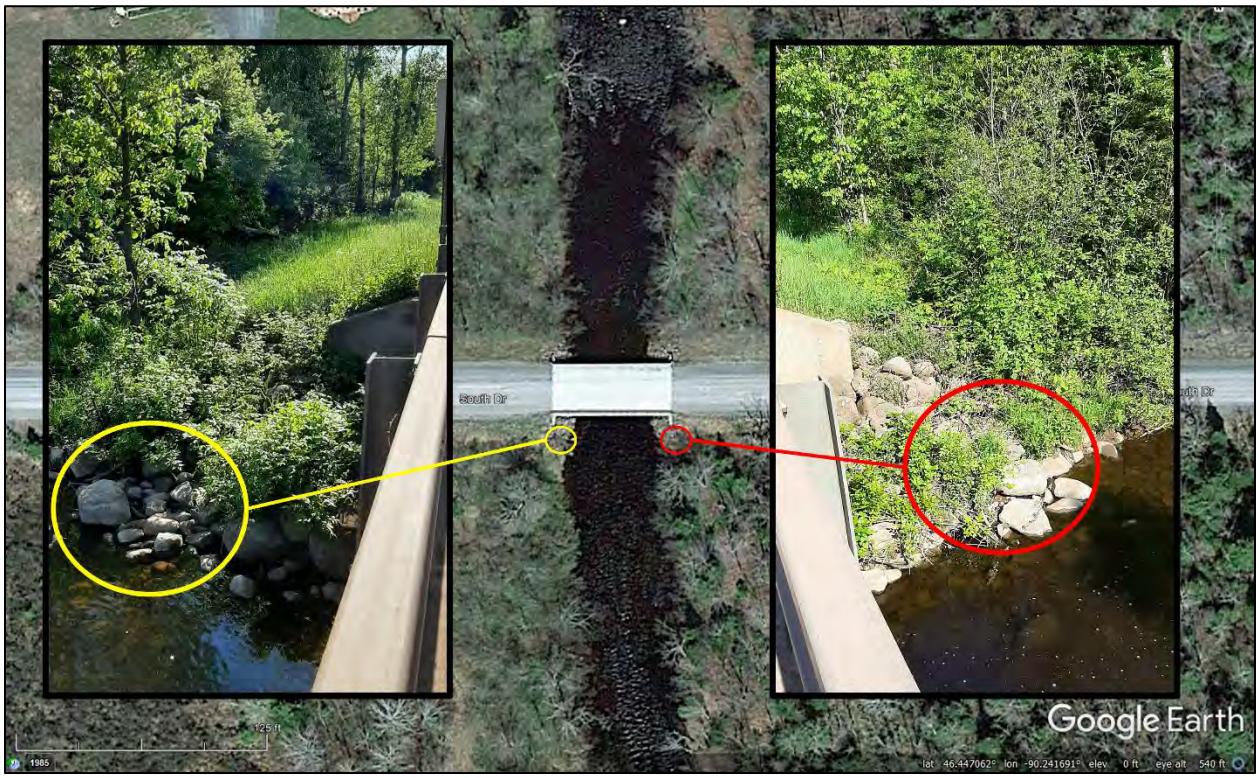
NSPW anticipated the put-in/take-out locations for the Level 3 assessment would be in the vicinity of the Gile Dam, South Drive bridge, Center Drive bridge, Kimball Town Park, and US Hwy 2 bridge. Field reconnaissance was conducted at each location on June 10, 2022. Discharge from the Gile Dam was approximately 10 cfs at this time. All photos in the figures below were taken on June 10, 2022.

The put-in location (yellow arrow) and access at the Gile Dam was determined safe and accessible, as shown in **Figure 4.2.2.1-1**.

Figure 4.2.2.1-1 Put-In Location and Access at Gile Dam

The put-in/take-out location and access at the South Drive bridge was determined safe and accessible from the upstream side, as shown in **Figure 4.2.2.1-2**. Both the east bank (river-right, red circle) and west bank (river-left, yellow circle) could be used by the boaters for put-in/take-out. The AW website lists South Road as an alternate put-in for the Gile Falls to US Hwy 2 reach on the West Fork (AW, 2022f).

Figure 4.2.2.1-2 Put-In/Take-Out Location and Access at the South Drive bridge



Note: Google Earth image date is 5/4/2015.

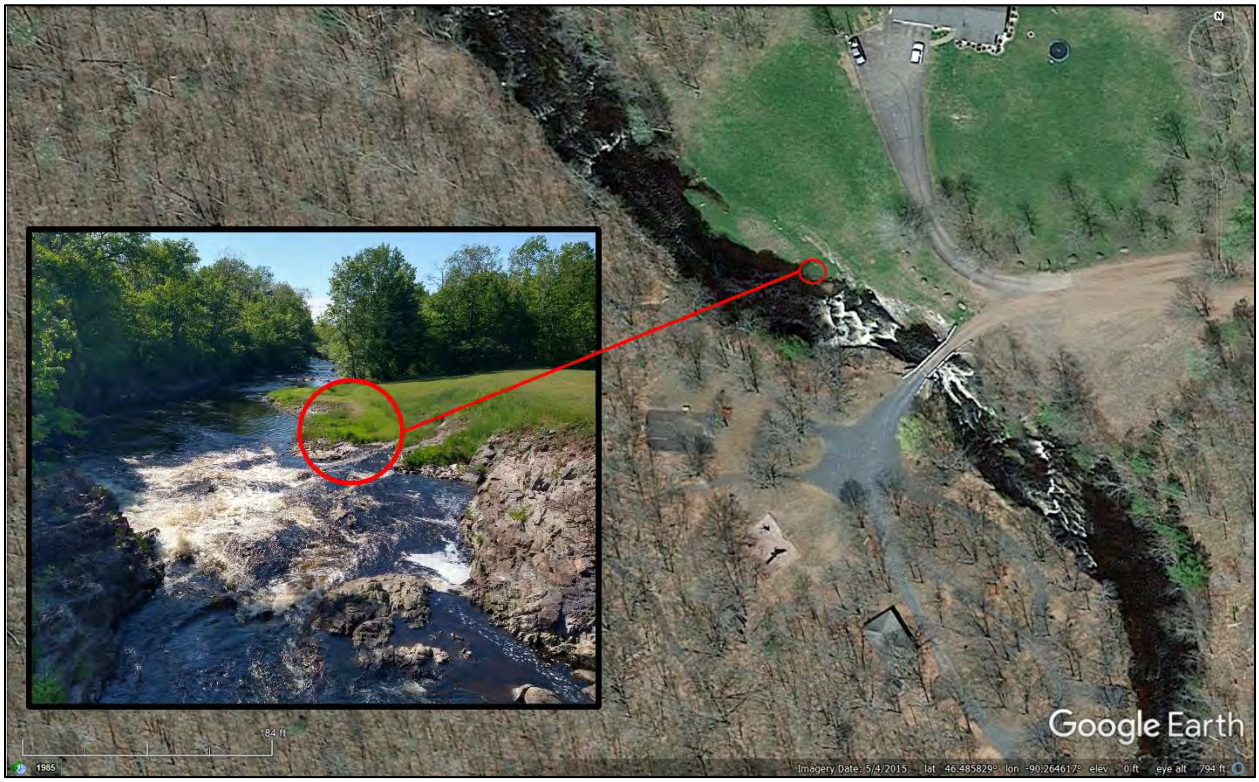
The put-in/take-out location and access at the Center Drive bridge was determined safe and accessible from the downstream side, as shown in **Figure 4.2.2.1-3**. Both the east bank (river-right, red circle) and west bank (river-left, yellow circle) are steep; however, both could be used by the boaters for put-in/take-out. The ideal put-in/take-out site would be via the east or west bank on the upstream side of the bridge; however, the area is posted with “No Trespassing” signs. The AW website lists Center Drive as a reach waypoint that could be used as alternate access for the Gile Falls to US Hwy 2 reach on the West Fork (AW, 2022f).

Figure 4.2.2.1-3 Put-In/Take-Out Location and Access at the Center Drive bridge

Note: Google Earth image date is 5/4/2015.

The put-in/take-out location and access at Kimball Town Park was determined safe and accessible from the downstream side, as shown in **Figure 4.2.2.1-4**. The east bank downstream of the Park bridge (river-right, red circle) provides plenty of space and a gentle, grass slope for egress. The AW website suggest getting out at river-left well before the Park bridge to scout (AW, 2022f).

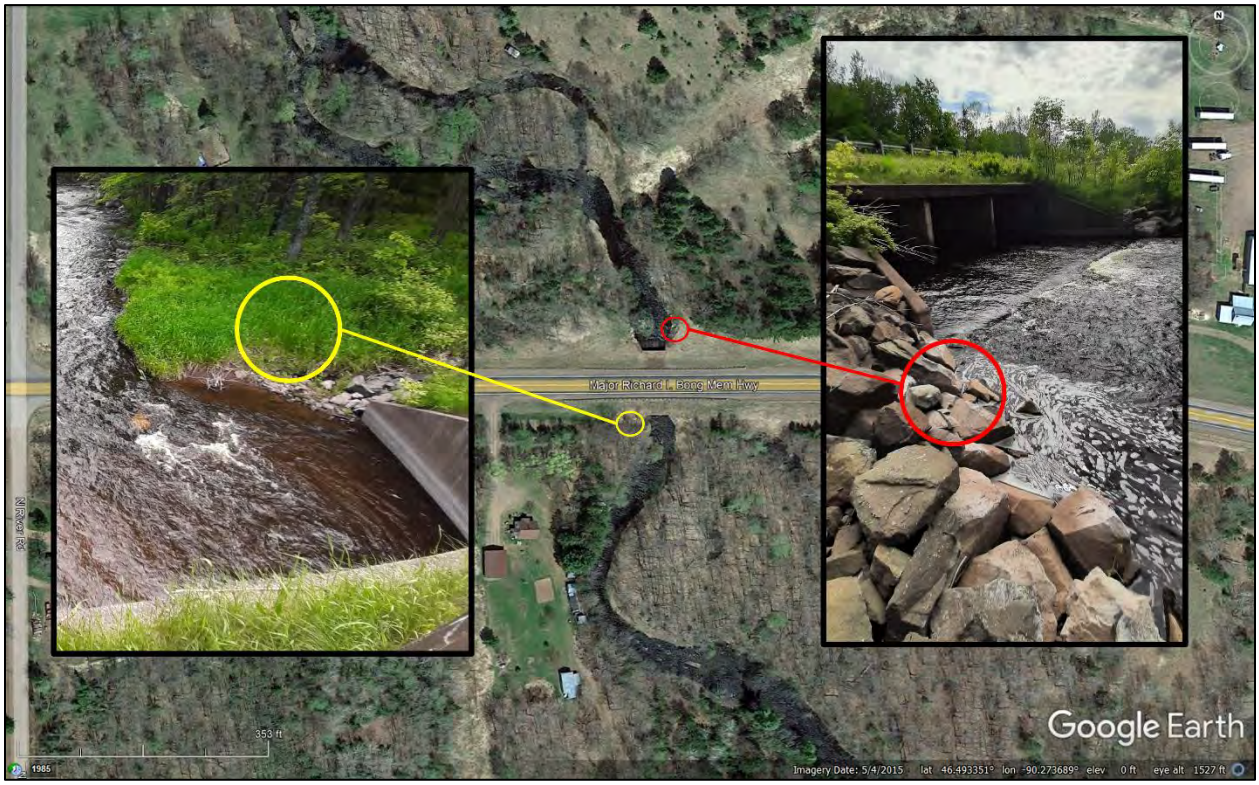
Figure 4.2.2.1-4 Put-In/Take-Out Location and Access at Kimball Town Park



Note: Google Earth image date is 5/4/2015.

The put-in/take-out access at the US Hwy 2 bridge was determined accessible from either upstream on either bank or downstream on either bank. Both banks on the downstream side are rocky, while both banks on the upstream side are vegetated. All four banks provide a moderately steep and grassy slope for access, as shown in **Figure 4.2.2.1-5**. Despite suitable access, the location is along a US highway and was therefore deemed unsafe as a put-in/take-out location for the Level 3 assessment.

Figure 4.2.2.1-5 Put-In/Take-Out Location and Access at US Hwy 2 bridge



4.2.2.2 Documentation Locations for Level 3 Assessment

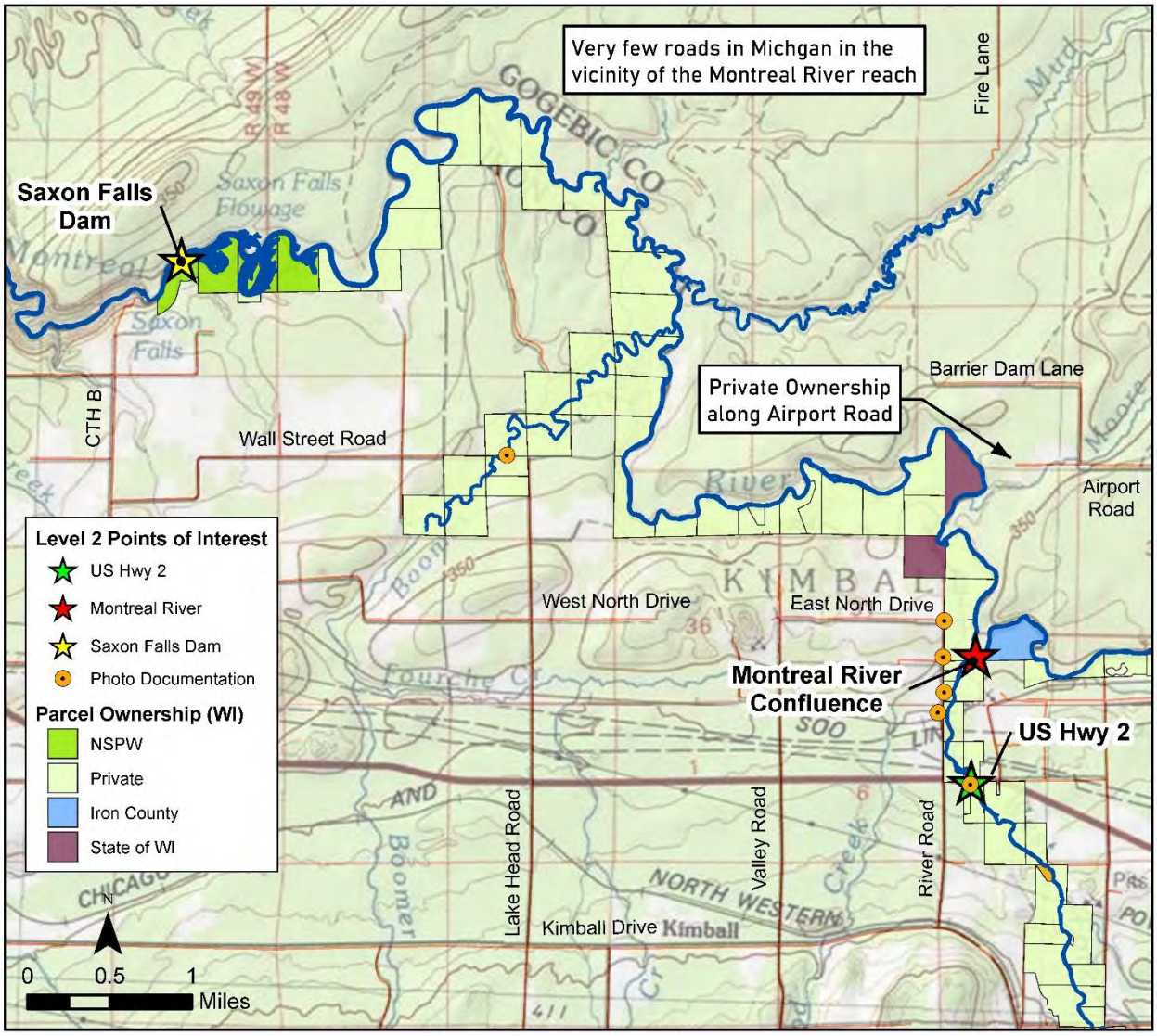
All five locations identified in Section 4.2.2.1 were also considered as a location for photo/video documentation during the Level 3 assessment. The bridge at State Highway 77 (STH 77), which is approximately 3,000 feet downstream of Gile Dam, was also considered during field reconnaissance on June 10, 2022. All six locations would provide an acceptable vantage point upstream and downstream to document the boater experience during the Level 3 assessment. NSPW decided to exclude the bridges at STH 77 and US Hwy 2 as documentation locations due to safety concerns based on their classification as a state and federal highway, respectively.

4.2.2.3 Potential Put-In/Take-Out Locations based on Level 1 Assessment

A portion of the questionnaire developed for the Level 1 assessment, described in Section 4.1.3, included an opportunity for boaters to recommend acceptable egress locations for both the West Fork from US Hwy 2 to the confluence with the Montreal River and the Montreal River from its confluence to Saxons Falls. No acceptable locations were identified or recommended by the boaters for the reach on the West Fork. One boater stated they accessed the Montreal River reach approximately 4.5 miles upstream of the confluence from Nylund Road; however, the location is not ideal.

NSPW conducted a field reconnaissance on June 10, 2022 to locate potentially acceptable egress locations for the West Fork and Montreal River reaches. A field map for the two reaches, including parcel ownership information where available, is included as **Figure 4.2.2.3-1**. Parcel ownership GIS data was readily downloadable from Iron County, Wisconsin but not for Gogebic County, Michigan.[20] The Gogebic County web-based GIS system was accessed to search property ownership information along the Montreal River reach and was narrowed to parcels adjacent to Airport Road and Barrier Dam Lane.[21] The review showed parcel ownership was private property or Gogebic County Forestry and Parks property.

Figure 4.2.2.3-1 Field Map for Level 2 Egress Location Field Reconnaissance



NSPW surveyed egress locations while traveling by vehicle along River Road, north of US Hwy 2 to the intersection of East North Drive and along Wall Street Road between Lake Head Road and CTH B. Photo documentation of the field reconnaissance efforts are included in **Appendix K**. NSPW was not able to locate acceptable egress locations for the West Fork and Montreal River reaches. The property adjoining

[20] https://www.sco.wisc.edu/parcels/data-county/, accessed June 6, 2022.
[21] Gogebic County, Michigan GIS system, https://colligogis.com/web/, accessed June 6,2022.

these reaches is mostly privately owned and marked with “No Trespassing” signs. Access to adjoining properties was prohibitive due to locked gates, dense vegetation, long portages, or steep terrain.

4.2.3 Study Flow Determination

NSPW consulted with Jake Ring between May 9 and June 2, 2022, to determine if the flow releases for the Level 3 Assessment would be between 600-1,000 cfs. The actual flow releases would be determined onsite as part of a limited reconnaissance prior to the start of the Level 3 Assessment. NSPW coordinated with Jake Ring and internal personnel and decided that the Whitewater Study would take place on Saturday, June 11, 2022, after the spring thaw. Sunday, June 12, 2022 was chosen as a back-up date in case of unforeseen weather or safety conditions, or if an additional day was needed to complete the study. Study flow correspondence with Jake Ring is included in **Appendix J**. The flow release determination was communicated with AW and NPS on May 24, 2022. AW responded on June 8, 2022 in support of the 600-1,000 cfs flow range with the understanding the range could be adjusted based on the perspective of those onsite during the Level 3 assessment. NPS responded on June 9, 2022 stating the agency is not able to attend the Level 3 assessment and provided no further comments. Correspondence with AW and NPS is included in **Appendix H**.

4.2.4 Level 2 Assessment Summary

NSPW was not able to reconcile the inconsistencies with the 400 cfs flow in the AW 2007 study. NSPW requested the study dates from the AW 2007 study in an effort to review its operational records to determine what flows in the West Fork occurred during that time. Those flows could then be used to determine the starting flow for the Whitewater Study. NSPW did not receive the dates of the AW 2007 study and therefore no verification could be made regarding the 400 cfs. NSPW consulted with Jake Ring to determine a flow range for the Whitewater Study; study flows were established from 600-1,000 cfs.

On-land field reconnaissance identified four locations to provide accessible and safe put-in/take-out locations for boaters participating in the Whitewater Study, as well as accessible and safe photo/video locations for NSPW to document the study. Those locations include the Gile Dam, South Drive bridge, Center Drive bridge, and Kimball Town Park.

On-land field reconnaissance was conducted to locate potential put-in/take-out locations for the following reaches: West Fork downstream of US Hwy 2 to the confluence with the Montreal River and Montreal River confluence to Saxon Falls. NSPW did not identify potential put-in/take-out locations for either reach. The majority of property adjoining these reaches is privately owned. Access to government-owned adjoining properties was prohibitive due to locked gates, dense vegetation, or steep terrain.

4.3 Level 3 Assessment

According to the Whittaker method, a Level 3 assessment should be conducted for flow-dependent whitewater recreation opportunities (Whittaker, D., B. Shelby, J. Gangemi, 2005). A controlled flow assessment was used to analyze whitewater boating opportunities on the West Fork for two flow releases. NSPW developed the study plan, evaluation forms, and study logistics. NSPW also coordinated with its Gile Dam operators to evaluate the study.

4.3.1 Level 3 Assessment Coordination

Jake Ring coordinated the logistics with the boaters and informed them the Whitewater Study was scheduled for Saturday, June 11, 2022. Participants would meet in the parking lot of Gile Park at 14 Park Street in Gile, Wisconsin. The first run was anticipated to begin at 10:00 a.m.

Jake Ring notified NSPW of a log jam at the Rock Cut Rapids area on May 16, 2022 and inquired if it could be removed prior to the study. NSPW responded on May 17, 2022 stating log jam and debris removal from a river is not the responsibility of the Utility. See correspondence in **Appendix L**. In addition, the American Whitewater website indicates Rock Cut Falls is known “to collect snags” and boater scouting is advised.[22]

NSPW distributed a press release on June 6, 2022 notifying the public of the Whitewater Study. The press release was distributed to NSPW’s northern distribution list, which includes Ashland Daily Press, Duluth News Tribune, Ironwood Daily, WPR-Superior, Up North News, Price County Review, Washburn County Register. The press release is provided in **Appendix M**.

4.3.2 Whitewater Study Participant Background Information

Prior to the Whitewater Study, boater participants were asked to complete a questionnaire about their preferred boating craft, boating skill level, frequency, previous experience with whitewater studies and the West Fork, and preferred river characteristics. Boaters were also asked how far they traveled for this study and if they previously participated in a hydro relicensing whitewater boater study. A summary of the boaters’ responses is provided below and a copy of the questionnaire and participant responses are included in **Appendix N**.

Table 4.3.1-1 summarizes the boater responses for boating skill level and boating frequency. Each boater determined their own skill level. Ten boaters (56%) ranked themselves at an expert skill level, while the remaining eight boaters were equally split between intermediate (22%) and advanced (22%). Intermediate boaters have been boating an average of 4.5 years at this level; the greatest number of years was seven and the fewest was two. Advanced boaters have been boating an average of 9.75 years at this level; the greatest number of years was 20 and the fewest was four. Expert boaters have been boating an average of 8.5 years at this level; the greatest number of years was 20 and the fewest was three.

Intermediate boaters recreated an average of 29 to 31 days a year; the greatest number of days was 50 and the fewest was 10. Advanced boaters recreated an average of 50 to 65 days a year; the greatest number of days was 100 and the fewest was 40. Expert boaters recreated an average of 54 to 58 days a year; the

[22] https://www.americanwhitewater.org/content/River/view/river-detail/2300/main, River Description, accessed May 16, 2022.

greatest number of days was 100 and the fewest was 15. No boaters ranked themselves with an elite skill level. Ten boaters indicated their preferred craft is a kayak, while six preferred a raft. Two boaters did not indicate a preferred boating craft.

Table 4.3.1-1 Boater Skill Level and Boating Frequency

Skill Level	Number of Boaters	Years at this Level (Boater Average)	Days a Year Boating (Boater Average)*	Craft Preference	
				Kayak	Raft
Intermediate	4	4.5	29 to 31	2	2
Advanced	4	9.75	50 to 65	4	0
Expert	10	8.5	54 to 58	4	4
Elite	0	0	0	0	0

* Six boaters provide a range for boating days; therefore, the average was calculated using both the low and high number of days.

Table 4.3.1-2 summarizes the number of boaters who previously participated in a hydro relicensing whitewater study, how many previously boated the West Fork, and how far each boater travelled in miles for this Whitewater Study.

Table 4.3.1-2 Boater Skill Level and Boating Frequency

Skill Level	Participated in Relicensing Study		Previously Boated West Fork		Miles Travelled for the Whitewater Study (Boater Average)*
	Yes	No	Yes	No	
Intermediate	0	4	0	4	213
Advanced	0	4	1	3	165
Expert	2	8	5	5	151

* Some boaters listed a city rather than miles. NSPW calculated the miles travelled based on that city's center to the Gile Park parking lot in Gile, Wisconsin (46.425582°, -90.224064°) using Google Earth.

Two expert-level boaters previously participated in the Saxon Falls and Superior Falls hydroelectric projects relicensing recreation flow study for the Montreal River Canyon in May 2021.

One advanced-level and five expert-level boaters previously boated the West Fork. Boaters were given the opportunity to provide information about their previous experience including frequency, flows, and craft. Four boaters ran the West Fork once or twice, one boater ran it over 100 times, and another stated they run it when water levels allow. Boaters experienced flows between 650 to 2,000 cfs. Five boaters used a kayak and one used a raft.

The Whitewater Study included participants who reside in the following states: Michigan (6 boaters), Minnesota (5 boaters), Wisconsin (4 boaters), Missouri (1 boater), and South Dakota (1 boater). Boaters were asked how many miles they travelled specifically for the Whitewater Study. The average distance travelled for intermediate-level boaters was 213 miles, advanced-level boaters was 165 miles, and expert-level boaters was 151 miles. The shortest distance travelled was five miles and the longest was 450 miles. One boater declined to provide their zip code, but did indicate they travelled 200 miles to participate in the Whitewater Study.

Boaters were asked to respond to nine statements about their preferred river reach characteristics and rate them as strongly agree (5), agree (4), neutral (3), disagree (2), or strongly disagree (1). **Table 4.3.1-3** lists the reach characteristic statements and the average rating for each statement based on boater responses.

Table 4.3.1-3 Boater Rated Preferred Reach Statements

Preferred Reach Characteristic Statement	Average Rating
I prefer running rivers with fast water and small to no rapids (Class I/II/III).	2.1
I prefer running rivers with challenging rapids (Class IV).	4.6
I often boat short river segments (under 2 miles) to experience a unique and interesting place.	3.7
I often boat short river segments (under 2 miles) to take advantage of whitewater play areas.	4.1
I often boat short river segments (under 2 miles) to run challenging rapids.	4.3
Good whitewater play areas are more important than challenging rapids.	2.8
I am willing to tolerate difficult put-ins, portages, and take-outs to run interesting reaches of whitewater.	4.8
The most important consideration for planning my boating trips is running challenging whitewater.	3.9
The most important consideration for planning my boating trips is boating on a weekend, regardless of flow.	3.6

In general, the boaters that participated in the Whitewater Study prefer rivers with more challenging rapids versus rivers with fast water and small to no rapids. Boaters prefer river segments under 2 miles if the run includes challenging rapids and whitewater play areas, less preference is placed on a unique or interesting river location. Boaters are almost neutral on their preference to whitewater play areas versus challenging rapids. Boaters are especially willing to tolerate difficult put-ins, portages, and take-outs to run interesting reaches of whitewater. When planning whitewater recreation trips, boaters base their trips on challenging whitewater, but would plan a trip regardless of flow if boating could occur on a weekend.

4.3.3 Level 3 Assessment Methodology

Based on the RSP, the Level 3 assessment would include analysis of whitewater recreation on the following reaches of the West Fork:

- Reach 1 – Gile Dam (put-in) to South Drive Bridge (take-out) (2.07 miles)
- Reach 2 – South Drive Bridge (put-in) to Center Drive Bridge (take-out) (2.62 miles)
- Reach 3 – Center Drive Bridge (put-in) to Kimball Town Park (take-out) (1.15 miles)

These reaches were chosen based on put-in/take-out accessibility and bridge visibility as a waypoint for boaters from the West Fork, and study documentation accessibility and vantage point along and above the West Fork. The three reaches and associated put-in/take-out and study documentation locations are show in **Figure 4.3.2-1**.

Boaters were provided the opportunity to scout the reaches prior to the start of each of the two flow releases. Jake Ring and several boaters scouted the area prior to the start of the study and removed the log jam on June 10, 2022 (Mead & Hunt, 2022). Jake Ring was unable to participate in the boating portion of the study on June 11, 2022; however, he was present throughout the study to provide logistical support, including boater transportation between reach locations.

Figure 4.3.2-1 Gile Flowage Whitewater Study Location Map

Boater evaluation forms were developed for each reach (3) and each flow release (2), for a total of six evaluations per boater. In addition, boaters were asked to complete an overall evaluation form to compare the two flow releases. A copy of each evaluation form is included in **Appendix O**. The evaluation form asked boaters to rate the whitewater difficulty classification, flow rate preference, boatable flow, features, safety, length, and aesthetics for each run; and provide details for specific challenges, portages, and safety issues they experienced during each run.

Study methodology directed all boaters to take-out at the end of each reach to complete the corresponding evaluation form (example: Reach 1, Flow 1) and then put-in and run the subsequent reach. Take-out locations were established at South Drive bridge (Study Reach 1), Center Drive bridge (Study Reach 2), and Kimball Town Park (Study Reach 3). Once the final reach was completed for the first flow release, boaters would return to the Gile Dam and begin the study for the same three reaches at the second flow release. All 17 boaters participated in the first run while 11 participated in the second run.

The overall evaluation form asked boaters to provide an optimal flow range for the West Fork from Gile Dam to Kimball Town Park; highest safe flow based on boater skill level and craft; optimal flow for a standard and high challenge run; and if only one flow was released, what would that optimal flow be. Additional information was collected about boating experience to gage interest in the study run, best time of year for boating this run, suitable flows for beginners and play boating, preference on method to receive flow information, and other boating opportunities in the area. Boaters were also asked to rank ten various flow releases from acceptable, marginal, or unacceptable to gather information on optimal flow releases.

After all evaluation forms were completed, the remaining boaters, Jake Ring, and NSPW personnel participated in a post-evaluation discussion to collect additional information and input from the boaters pertaining to the whitewater recreation opportunities available on the West Fork.

All evaluation forms and the post-evaluation discussion are summarized in Section 5.

5. Whitewater Study Level 3 Assessment Results and Discussion

The Whitewater Study results for the Level 3 assessment are based on the input provided by the boater participants using the boater evaluation form (completed after each reach/run), Overall Evaluation Form (comparison of flow releases at completion of all reaches/runs), and post-evaluation discussion. The responses on the evaluation forms, and notes from the post-evaluation discussion, were compiled and compared between the two flow releases to refine the minimal and optimal flow needed to provide a quality boating experience on the West Fork.

All 17 boaters ran the first run at a flow release of 600 cfs, with 12 boaters in kayaks and five in rafts (two in one raft, three in the other). All boaters exited at the end of the first reach (South Drive bridge) at 600 cfs to complete the evaluation form. The biting insects at this location were overwhelming for all participants. In response, Jake Ring consulted with the boaters and all agreed to continue the 600 cfs run to the final take-out at Kimball Town Park, and skip the take-out at the Center Drive bridge. Once at Kimball Town Park, boaters completed the evaluation forms for both Reach 2 and Reach 3 for 600 cfs.

Jake Ring consulted with the boaters after the completion of the first run (600 cfs) to determine if any boaters were interested in continuing the run downstream to US Hwy 2. They also discussed what the preferred flow release should be for the second run. Boaters were not interested in continuing the run downstream to US Hwy 2 at 600 cfs because the reach would be too boney. Additionally, boaters requested the second run be completed at a flow release of 1,200 cfs rather than 1,000 cfs, as included in the RSP. Boaters also agreed to complete the second run using the put-in at Gile Dam and take-out at Kimball Town Park, and skip the take-outs at South Drive bridge and Center Drive bridge due to biting insects.

NSPW personnel stood on the South Drive bridge (end of Reach 1) and Center Drive bridge (end of Reach 2) during the second run as a visual marker for the boaters. 11 boaters participated in the second run at a flow release of 1,200 cfs, with nine boaters in kayaks and two boaters in one raft. The evaluation forms for all three reaches at the 1,200 cfs flow release were completed at Kimball Town Park (end of Reach 3). Boaters were again offered the opportunity to continue the run at 1,200 cfs downstream to US Hwy 2, and again, no boaters chose to continue. Rather, several boaters chose to run Kimball Falls repeatedly as time and energy allowed.

All evaluation forms were collected in the field on the day of the Whitewater Study (June 11, 2022). Three boaters that participated in one or both runs of the study did not complete all the associated evaluation forms on June 11, 2022. NSPW coordinated with Jake Ring, who emailed the evaluation forms to each of the three boaters to give them another opportunity to provide their input on the study. NSPW received the completed evaluations from Jake Ring for two of the three boaters on July 8, 2022.

Boater evaluation forms were received for the first run (600 cfs) from 17 boaters for Reach 1 and Reach 2, and 15 boaters for Reach 3 and are included in **Appendix P**. Boater evaluation forms were received for the second run (1,200 cfs) from 10 of the 11 boaters for all three Reaches and are included in **Appendix Q**. These same ten boaters also completed the overall evaluation form, which are included in **Appendix R**, and participated in the focus-group discussion.

5.1.1 Boater Rated Whitewater Difficulty

Boater input regarding whitewater difficulty for the two flow releases, based on the American version of the International Whitewater Scale of River Difficulty, is shown in **Table 5.1.1-1**.[23] The majority of boaters rated all reaches at both flow releases as a Class III and/or Class IV. The range of difficulty identified from boater responses is also included for each reach of each flow release.

Table 5.1.1-1 Boater Rated Whitewater Difficulty Class for each Reach at each Flow Release

Difficulty	Reach 1 Majority	Reach 1 Range	Reach 2 Majority	Reach 2 Range	Reach 3 Majority	Reach 3 Range
Flow 1 (600 cfs)	**Class III**	Classes III, III+, IV	**Class IV**	Classes III, III+, III-IV, IV	**Class III**	Classes III, III+, III-IV, IV
Flow 2 (1,200 cfs)	**Class IV**	Classes III, IV, IV+	**Class IV**	Classes I-II, II-III, III, IV, IV+	**Class III-IV**	Classes III-IV, IV

5.1.2 Boater Rated Optimal Flow Rate

Boaters were asked to indicate if each flow release was optimal for the three reaches, or if the boater would prefer a higher flow or lower flow for that reach. The results are shown in **Table 5.1.2-1**. The majority of boaters indicated the 600 cfs was insufficient, with 13 (76%) boaters indicating a higher flow would be preferable in Reach 1, 14 (82%) in Reach 2, and 13 (87%) in Reach 3. One boater indicated they would prefer a much higher flow rate than 600 cfs in Reach 1. The majority of boaters indicated 1,200 cfs was too high or optimal, with seven boaters (70%) indicating a lower flow would be preferred for Reach 1 and eight boaters (80%) stating the flow was optimal for Reach 2 and Reach 3.

Table 5.1.2-1 Boater Rated Optimal Flow for each Reach at each Flow Release

Flow Rate	Much Higher	Higher	Optimal	Lower	Much Lower
Flow 1 (600 cfs) Reach 1	1 (6%)	**13 (76%)**	3 (18%)	0	0
Flow 1 (600 cfs) Reach 2	0	**14 (82%)**	3 (18%)	0	0
Flow 1 (600 cfs) Reach 3*	0	**13 (87%)**	4 (27%)	0	0
Flow 2 (1,200 cfs) Reach 1^	0	0	5 (50%)	**7 (70%)**	0
Flow 2 (1,200 cfs) Reach 2	0	0	**8 (80%)**	2 (20%)	0
Flow 2 (1,200 cfs) Reach 3#	0	0	**8 (80%)**	3 (30%)	0

* Flow 1, Reach 3 is greater than 100%, two boaters chose both higher and optimal.
^ Flow 2, Reach 1 is greater than 100%, two boaters chose both optimal and lower.
# Flow 2, Reach 3 is greater than 100%, one boater chose both higher and optimal.

[23] https://www.americanwhitewater.org/content/Wiki/safety:internation_scale_of_river_difficulty, accessed May 23, 2022.

5.1.3 Boater Rated Whitewater Characteristics

Boater were asked to rate various whitewater characteristics of the West Fork including how likely they would return for future boating at 600 cfs and 1,200 cfs flow releases; if each reach is boatable at 600 cfs and 1,200 cfs; if each reach has acceptable water features, play spots, overall whitewater challenge and portages; and if each run is safe, a good length, and aesthetic. Boaters rated these characteristic statements on a scale of one to five, with one being “Strongly Disagree”, two being “Disagree”, three being “Neutral”, four being “Agree”, and five being “Strongly Agree”.

A comparison of the average and median boater rating of the characteristics for each of the two flow releases for the three reaches is shown in **Table 5.1.3-1**. The boatability and safety of the reach at each flow were rated, as well as the likelihood to boat a reach at each flow release in the future. All reaches received an average rating equal to or greater than 4.4 (median is Strongly Agree) for boatability and safety at both flow releases, with the exception of Reach 1 at 1,200 cfs, which was rated at 4.1 (median is Agree) for boatability and 3.8 (median is Agree) for safety. All ten boaters who ran the 1,200 cfs flow release stated they would return for whitewater recreation opportunities along Reach 2 (average and median are Strongly Agree) and Reach 3 (average and median are Strongly Agree) if the same flow release was offered in the future. Reach 1 at 1,200 cfs received an average rating of 4.1 (median is Strongly Agree). Boaters indicated they were less likely to return for whitewater recreation opportunities to any of the reaches at 600 cfs; however, the average rating for each reach was greater than 4.0. In general, the average rating for reach water features, play spots, whitewater challenge, portages, length, and aesthetics were higher for the 1,200 cfs flow release.

Table 5.1.3-1 Comparison of Average and Median Characteristic Statement Rating

West Fork	Statement Regarding Flow						The following characteristics are acceptable at this flow											
	Boatable		Safe		Will Boat Again		Water Features		Play Spots		Whitewater Challenge		Portages		Length		Aesthetics	
	Avg	Med	Avg	Med	Avg	Med	Avg	Med	Avg	Med	Avg	Med	Avg	Med	Avg	Med	Avg	Med
Reach 1 600 cfs	4.6	5.0	4.6	5.0	4.2	4.0	4.2	4.0	2.7	3.0	3.8	4.0	4.3	4.5	3.9	4.0	4.6	5.0
Reach 2 600 cfs	4.6	5.0	4.4	5.0	4.4	5.0	4.6	5.0	3.2	3.0	4.4	5.0	3.7	4.0	4.5	5.0	4.8	5.0
Reach 3 600 cfs	4.6	5.0	4.6	5.0	4.5	5.0	4.5	5.0	3.4	4.0	4.2	4.0	4.3	4.0	4.4	5.0	4.7	5.0
Reach 1 1,200 cfs	4.1	4.0	3.8	4.0	4.1	5.0	4.1	4.0	3.1	3.0	4.0	4.0	4.4	4.5	3.9	4.0	4.3	4.0
Reach 2 1,200 cfs	5.0	5.0	4.5	5.0	5.0	5.0	4.6	5.0	3.7	4.0	4.8	5.0	4.7	5.0	4.9	5.0	4.9	5.0
Reach 3 1,200 cfs	5.0	5.0	4.7	5.0	5.0	5.0	5.0	5.0	3.6	3.5	4.9	5.0	4.8	5.0	5.0	5.0	5.0	5.0

Results of the boater rated characteristics for both flow releases are shown in **Table 5.1.3-2** for Reach 1, **Table 5.1.3-3** for Reach 2, and **Table 5.1.3-4** for Reach 3.

Table 5.1.2-2 Boater Rated West Fork Characteristics for Reach 1

Characteristic	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Average	Median
Likely to return for future boating if the flow for this run were to be provided							
600 cfs	5	10	2	0	0	4.2	4.0
1,200 cfs	7	0	1	1	1	4.1	5.0
Boatable at this flow							
600 cfs	10	7	0	0	0	4.6	5.0
1,200 cfs	4	4	1	1	0	4.1	4.0
Provides nice water features (waves, holes, drops)							
600 cfs	6	8	3	0	0	4.2	4.0
1,200 cfs	4	4	1	1	0	4.1	4.0
Good play spots							
600 cfs	0	4	6	5	2	2.7	3.0
1,200 cfs	2	2	2	3	1	3.1	3.0
Offers good overall whitewater challenge							
600 cfs*	1	11	3	1	0	3.8	4.0
1,200 cfs	4	3	2	1	0	4.0	4.0
Portages are acceptable/usable							
600 cfs*	8	4	4	0	0	4.3	4.5
1,200 cfs	5	4	1	0	0	4.4	4.5
This is a safe run							
600 cfs*	9	7	0	0	0	4.6	5.0
1,200 cfs	2	5	2	1	0	3.8	4.0
Acceptable run length							
600 cfs**	4	6	4	1	0	3.9	4.0
1,200 cfs	4	3	1	2	0	3.9	4.0
Aesthetically pleasing run							
600 cfs*	11	4	1	0	0	4.6	5.0
1,200 cfs	4	5	1	0	0	4.3	4.0

* One boater did not rate this characteristic.

** Two boaters did not rate this characteristic.

Table 5.1.2-3 Boater Rated West Fork Characteristics for Reach 2

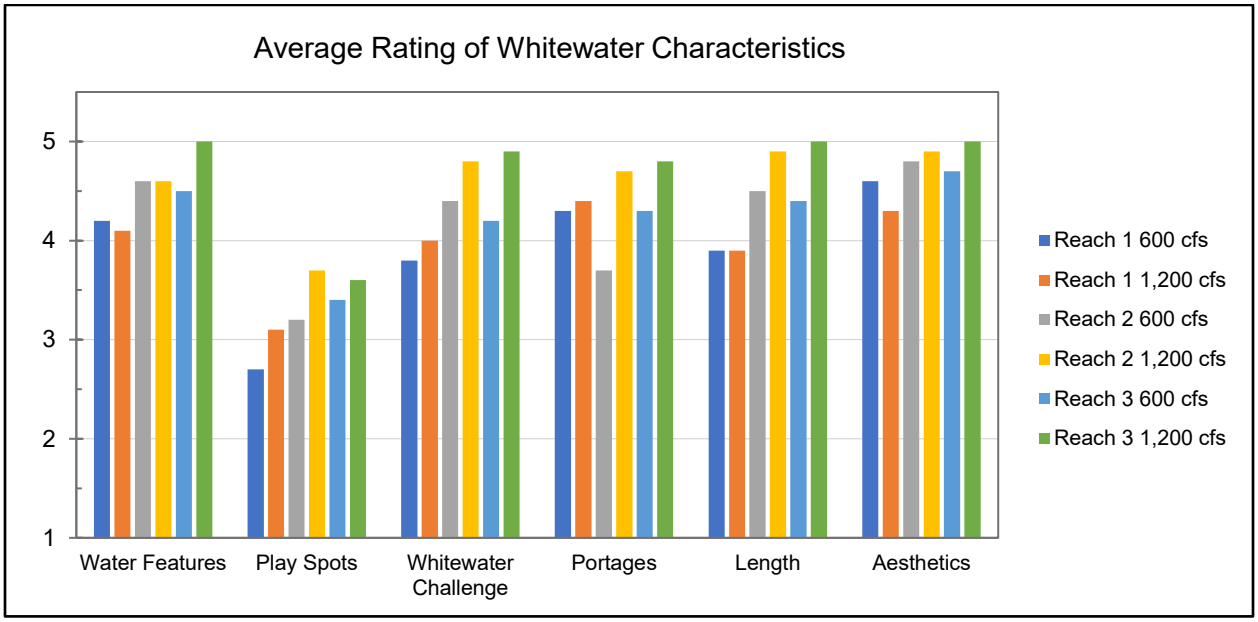
Characteristic	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Average	Median
Likely to return for future boating if the flow for this run were to be provided							
600 cfs	9	6	2	0	0	4.4	5.0
1,200 cfs	10	0	0	0	0	5.0	5.0
Boatable at this flow							
600 cfs	12	4	1	0	0	4.6	5.0
1,200 cfs	10	0	0	0	0	5.0	5.0
Provides nice water features (waves, holes, drops)							
600 cfs	11	5	1	0	0	4.6	5.0
1,200 cfs	8	1	0	1	0	4.6	5.0
Good play spots							
600 cfs	3	3	8	1	2	3.2	3.0
1,200 cfs	3	3	2	2	0	3.7	4.0
Offers good overall whitewater challenge							
600 cfs	9	6	2	0	0	4.4	5.0
1,200 cfs	9	0	1	0	0	4.8	5.0
Portages are acceptable/usable							
600 cfs	3	6	8	0	0	3.7	4.0
1,200 cfs	8	1	1	0	0	4.7	5.0
This is a safe run							
600 cfs	9	6	2	0	0	4.4	5.0
1,200 cfs	6	3	1	0	0	4.5	5.0
Acceptable run length							
600 cfs	10	6	1	0	0	4.5	5.0
1,200 cfs	9	1	0	0	0	4.9	5.0
Aesthetically pleasing run							
600 cfs	14	3	0	0	0	4.8	5.0
1,200 cfs	9	1	0	0	0	4.9	5.0

Table 5.1.2-4 Boater Rated West Fork Characteristics for Reach 3

Characteristic	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Average	Median
Likely to return for future boating if the flow for this run were to be provided							
600 cfs	10	3	2	0	0	4.5	5.0
1,200 cfs	10	0	0	0	0	5.0	5.0
Boatable at this flow							
600 cfs	10	4	1	0	0	4.6	5.0
1,200 cfs	10	0	0	0	0	5.0	5.0
Provides nice water features (waves, holes, drops)							
600 cfs	8	6	1	0	0	4.5	5.0
1,200 cfs	10	0	0	0	0	5.0	5.0
Good play spots							
600 cfs	2	6	4	2	1	3.4	4.0
1,200 cfs	3	2	3	2	0	3.6	3.5
Offers good overall whitewater challenge							
600 cfs	7	4	4	0	0	4.2	4.0
1,200 cfs	9	1	0	0	0	4.9	5.0
Portages are acceptable/usable							
600 cfs	7	6	2	0	0	4.3	4.0
1,200 cfs	9	0	1	0	0	4.8	5.0
This is a safe run							
600 cfs	11	2	2	0	0	4.6	5.0
1,200 cfs	7	3	0	0	0	4.7	5.0
Acceptable run length							
600 cfs	8	5	2	0	0	4.4	5.0
1,200 cfs	10	0	0	0	0	5.0	5.0
Aesthetically pleasing run							
600 cfs	10	5	0	0	0	4.7	5.0
1,200 cfs	10	0	0	0	0	5.0	5.0

Figure 5.1.3-1 shows the average rating of each acceptable characteristic statement of the West Fork based on boater input. All three reaches at both flow releases received an average rating of greater than 4.0 for water features and aesthetics. Play spots were rated the least acceptable for all three reaches at both flow releases, with average ratings between 2.7 and 3.7. All three reaches at the 1,200 cfs flow release received a higher average acceptable rating than the same reach at 600 cfs for water features, play spots, whitewater challenge, portages, length, and aesthetics except for the following: acceptable length for Reach 1 at each flow release were rated the same (3.9), acceptable water features for Reach 2 at each flow release were rated the same (4.6), acceptable water features for Reach 1 were rated slightly higher at 600 cfs (4.2) than 1,200 cfs (4.1), and acceptable aesthetics for Reach 1 were rated higher at 600 cfs (4.6) than 1,200 cfs (4.3). The lowest acceptable rating was received for play spots for Reach 1 at the 600 cfs flow release (2.7). The highest acceptable rating was received for water features, length, and aesthetics for Reach 3 at 1,200 cfs flow release (5.0 for each).

Figure 5.1.3-1 Average Boater Rating of West Fork Whitewater Characteristics



5.1.4 Boater Reported Hits, Stops, Drags, and Portages

Boaters were asked to estimate the number of hits, stops, drags, and portages they experienced on each reach for each flow release. If the boater portaged, they were given the opportunity to state the location and rate the portage difficulty from one to four, with one being “Extremely Difficult”, two being “Moderately Difficult”, three being “Slightly Difficult”, and four being “Easy”. **Table 5.1.4-1** summarizes the number of hits, stops, drags, and portages the boaters experienced during the study.

Boaters reported they experienced more frequent hits, stops, or drags at the 600 cfs flow release versus the 1,200 cfs flow release. No drags were reported for Reach 1 at the 600 cfs flow release, and no stops or drags were reported for any of the reaches at the 1,200 cfs flow release. All reported hits were due to rocks, with the exception of one hit on the bottom of the Gile Falls bridge for Reach 1 at the 1,200 cfs flow release. Boaters stated the rock hits were typically due to a misjudged line or shallow water in wide spots, but all hits were manageable. The stops reported in each Reach at the 600 flow releases were also due to a misjudged line and were manageable (paddled off). One boater reported they had to get out and drag their kayak off an obstacle two times (Reach 2, 600 cfs) and another reported one drag (Reach 3, 600 cfs); neither boater indicated the obstacle type (rock, log, other). Six boaters portaged Gile Falls (Reach 1) at the 1,200 cfs flow release due to the low bridge. Those boaters exited river-left and put-in after the bridge. Four boaters rated the portage as “Easy”, one as “Slightly Difficult”, and one did not provide a rating. No other features were portaged during the study.

Table 5.1.4-1 Boater Reported Hits, Stops, Drags, and Portages

	Reported Hits		Reported Stops		Reported Drags		Reported Portages	
	# of Boaters	Hit Average	# of Boaters	Stop Average	# of Boaters	Drag Average	# of Boaters	Rating Average
Reach 1 600 cfs	10	1.3	2	1	-	-	-	-
Reach 1 1,200 cfs	4	2.5	-	-	-	-	6	Easy
Reach 2 600 cfs	12	7.8	3	1.7	1	2.0	-	-
Reach 2 1,200 cfs	7	4.0	-	-	-	-	-	-
Reach 3 600 cfs	11	6.8	4		1	1.0	-	-
Reach 3 1,200 cfs	6	4.5	-	-	-	-	-	-

5.1.5 Boater Identified Challenging Features and Safety Issues

Boaters were asked to identify challenging features, such as rapids or sections of a reach, and rate the class based on the American version of the International Scale of River Difficulty.[24] **Table 5.1.5-1** summarizes the features boaters identified for each reach of the study, as well as the difficulty class as provided by American Whitewater. Gile Falls (Reach 1) was rated as III to IV at 600 cfs and IV to V at 1,200 cfs. Both Rock Cut Falls (Reach 2) and Kimball Falls (Reach 3) were rated as Class III to IV for both flow releases. Boaters identified a stretch in Reach 2 with two drops followed by a continuous section with plenty of rapids and holes (boogie water). The drops were rated as Class III to III+ at 600 cfs and Class III to IV at 1,200 cfs, the boogie water was rated as Class III for both flow releases. Several boaters commented the water sections between each of the falls provided a great Class I to II opportunity for beginner boaters. The boater difficulty class ratings were similar to those of American Whitewater.[25]

Table 5.1.5-1 Boater Identified Challenging Features and Difficulty Class

Features (upstream to downstream)	Difficulty Class		Difficulty Class
Reach 1	**600 cfs**	**1,200 cfs**	**American Whitewater**
Giles Falls*	III to IV	IV to V	IV
Flatwater	II	I	Flatwater (NR)
Reach 2	**600 cfs**	**1,200 cfs**	**American Whitewater**
Rock Cut Falls	III to IV	III to IV	IV
Two drops/Boogey Water	III to III+	III to IV	III (Zig-Zag)
Reach 3	**600 cfs**	**1,200 cfs**	**American Whitewater**
Water to Kimball Falls	NR**	II	I-II
Kimball Falls	III to IV	III to IV	III+

* Six boaters portaged Gile Falls at 600 cfs.
** Not rated.

[24] https://www.americanwhitewater.org/content/Wiki/safety:internation_scale_of_river_difficulty, accessed May 23, 2022.
[25] https://www.americanwhitewater.org/content/River/view/river-detail/2300/main, accessed September 22, 2022.

Boaters were asked to provide information on safety issues they observed or experienced along the West Fork during the study. General observations for the three reaches at both flow releases included tree strainer potential, abundant rocks which become harder to see as flow increases, and riverbank brush obstacles. Several boaters observed a swim at Gile Falls at the 600 cfs flow release. A kayak got stuck on an obstacle and overturned, the swimmer was able to get downstream and recover in a hole. Boaters recommended to have individuals on the shore to provide assistance with ropes, if necessary, for safety during future runs at Gile Falls due to the low bridge, large hole, and potential pin or sweeper hazard at river-right. Boaters also indicated there is a swim potential at Rock Cut Falls (Reach 2), and the Kimball Falls bridge and flashy holes along Reach 3 could be a concern at higher flow releases.

5.1.6 Whitewater Study Overall Evaluation and Discussion

At the conclusion of the last run (Reach 3 at 1,200 cfs), 10 of the 11 boaters who participated in both the 600 cfs and 1,200 cfs flow releases completed the overall evaluation form (**Appendix R**) and participated in the focus-group discussion. A summary of boater responses to the questions asked on the overall evaluation form are included below and provided in **Tables 5.1.6-1** through **5.1.6-6**.

Table 5.1.6-1 summarizes boater responses assessing flow levels for various whitewater boating opportunities on the West Fork. Boaters indicated a flow range between 600 and 3,000 cfs would provide the optimal whitewater boating experience on the entire reach of West Fork (median 1,000 to 1,200 cfs). This wide flow range may be due in part to boater skill level, previous boating experiences, and personal preference of whitewater boating features. Boaters indicated the highest safe flow for their skill level and preferred craft is between 1,200 and 3,000 cfs (median 1,600 cfs). Boaters preferred a lower flow range of 600 to 1,500 cfs (median 900 to 1,200 cfs) for a standard trip and a notably higher flow range of 1,100 to 5,000 cfs (median 1,300 to 1,450 cfs) for a high challenge trip. It should be noted that the higher flow value for a high challenge trip (5,000 cfs) exceeds the highest safe flow value for the boater skill level and preferred craft (3,000 cfs). Boaters were asked to indicate their preferred flow if only one flow were to be released on the West Fork. Boater preferred flow ranged from 800 to 2,000 cfs, with the average and median nearly identical at 1,220 cfs and 1,200 cfs, respectively.

Table 5.1.6-1 Boater Preferred Flow for Whitewater Boating Opportunities on the West Fork

Statement for Entire Reach	Boater Response Range (cfs)*	Average (cfs)	Median (cfs)
What flow *range* provides the optimal whitewater boating experience	600 to 3,000	1,278 to 1,422	1,000 to 1,200
What is the highest safe flow for your skill level and preferred craft	1,200 to 3,000	1,900	1,600
What is the optimal flow for a “standard” trip	600 to 1,500	1,011 to 1,133	900 to 1,200
What is the optimal flow for a “high challenge” trip	1,100 to 5,000	2,025 to 2,075	1,300 to 1,450
If *one flow* was released for boating, what would be your optimal flow	800 to 2,000	1,220	1,200

All ten boaters stated they would return for future boating on the West Fork if their optimal flow were provided, with nine stating they would absolutely return and one stating they would probably return. Boaters were asked during which months they would return to boat the West Fork from April through November. All ten boaters would return during the summer months of June, July, and August. Nine boaters stated they would return in September, six in October, five in May, and three in both April and November. One boater commented that a flow release should be coordinated so it does not overlap with other whitewater boating opportunities in the Midwest, such as the Wausau Whitewater Park, Paddlemania and Charles City Challenge, as boaters are likely to attend these larger events.

Boaters were asked if the flows provided during the study (600 cfs and 1,200 cfs) would be suitable for boaters with a novice skill level. Boaters were asked to select “Absolutely”, “Probably”, “Maybe”, or “ No” and were given the opportunity to state which flow would be suitable. **Table 5.1.6-2** summarizes boater responses. Two boaters (20%) indicated the West Fork is absolutely suitable for novice boaters at a flow of 1,500 cfs; however, a flow release of 1,500 cfs was not included in this study. The majority of boaters (40%) indicated the West Fork is not suitable for novice boaters at 600 cfs or 1,200 cfs. These boaters stated that novice boaters should not use this reach due to the hazards at Gile Falls and the long rapids throughout; should a boater swim, it could make for a bad day.

Table 5.1.6-2 Boater Input on Study Flow Suitability for Novice Boaters

Would the flows provided today be suitable for beginner/novice boaters?				
	Absolutely	**Probably**	**Maybe**	**No**
# of Boater Responses	2 (20%)	2 (20%)	2 (20%)	4 (40%)
Recommend flow (cfs) for novice skill level	1,500	800 to 1,000	400 to 750	-

Boaters were asked if the flows provided during the study (600 cfs and 1,200 cfs) were suitable for play boating. Boaters were asked to select “Absolutely”, “Somewhat”, “Not Really”, or “No” and were given the opportunity to state which flow was or would be suitable. **Table 5.1.6-3** summarizes boater responses. Boater responses were mixed. Two boaters (20%) indicated the West Fork is absolutely suitable for play boating at both flows. The majority of boaters indicated the West Fork is somewhat suitable (30%) or not really suitable (40%) for play boating and indicated a variety of flow options for play boating ranging from 600 to 1,500 cfs. One boater indicated the West Fork is not suitable for play boating because it is shallow at 1,200 cfs, while another indicated a confident boater could perform water play in a half-slice kayak at 1,200 cfs.

Table 5.1.6-3 Boater Input on Study Flow Suitability for Play Boating

Were the flows provided today suitable for play boating?				
	Absolutely	**Somewhat**	**Not Really**	**No**
# of Boater Responses	2 (20%)	3 (30%)	4 (40%)	1 (10%)
Recommend flow (cfs) for play boating	600 and 1,200	600, 700, 800 to 1,100, and 1,200	1,200 and 1,500	-

Boaters were asked to choose their preferred methods to receive flow release information in the West Fork. Boaters could select one or more of the following communication options: email, website, call number with recorded message. **Table 5.1.6-4** summarizes boater preferences. The majority of boaters (90%) prefer to receive flow information via a website, which can include a website provided by AW, NSPW, or Facebook. Half the boaters prefer to call a number and listen to a recorded messages, while a minority of boaters (30%) would prefer email notification.

Table 5.1.6-4 Boater Preferred Communication Method for Flow Information

Communication Method	Email	Website	Call Number
# of Boater Responses	3 (30%)	9 (90%)	5 (50%)

Boaters were asked if they were aware of other whitewater boating opportunities in the area and if they were preferable to the West Fork at the study flows (600 cfs and 1,200 cfs). Three boaters provided information regarding other area opportunities, which are included in **Table 5.1.6-5**. All three area opportunities are within 15 to 30 miles of the West Fork and were identified as a Class III+ or Class IV-V by the boater(s). The boater(s) that identified the additional opportunities indicated the Black River and Presque Isle River are more challenging than the West Fork, while the Montreal Canyon along the Montreal River is not as challenging. The boater(s) also indicated the Montreal Canyon and Black River are more boatable than the West Fork, while the Presque Isle River is less boatable. One additional boater did not provide any specifics on other whitewater boating opportunities in the area but stated each run in the area has different characteristics and the decision to boat a given run is based on the flow of the others in the area.

Table 5.1.6-5 Boater Identified Additional Whitewater Boating Opportunities in the Area

Opportunity	Distance from West Fork (Gile, WI)	Difficulty Class		Compared to West Fork is this opportunity:	
		Boater Identified	American Whitewater	More Challenging	More Boatable
Montreal River Montreal Canyon	15-20 miles (near Saxon Falls, WI)	III+	II-III [26]	No	Yes
Black River*	20-25 miles (near Bessemer, WI)	IV - V	IV-V(V+) [27]	Yes	Yes
Presque River	25-30 miles (near Tula, MI)	IV - V	II-IV [28] III-V [29] IV-V [30]	Yes	No

* Opportunity identified by two boaters.

Boaters were asked to consider the 600 cfs and 1,200 cfs flow releases provided during the study and rate ten hypothetical flow releases based on their experiences and preferences to assess if the flow release would provide an acceptable boating opportunity. Boaters were asked to consider all flow-dependent characteristics that contribute to a high quality boating trip, such as boatability, challenge, play areas, safety,

[26] https://www.americanwhitewater.org/content/River/view/river-detail/2825/map, accessed September 22, 2022.
[27] https://www.americanwhitewater.org/content/River/view/river-detail/2640/main, accessed September 22, 2022.
[28] https://www.americanwhitewater.org/content/River/view/river-detail/939/main, accessed September 22, 2022.
[29] https://www.americanwhitewater.org/content/River/view/river-detail/940/main, accessed September 22, 2022.
[30] https://www.americanwhitewater.org/content/River/view/river-detail/2643/main, accessed September 22, 2022.

aesthetics, and length of run. Boaters were asked to rate each hypothetical flow as Acceptable (rating of 5), Marginal (rating of 3), or Unacceptable (rating of 1). If a boater did not have previous experience with or was unfamiliar with a particular flow, they were given the option to not rate it. Boater ratings are provided in **Table 5.1.6-6**. One of the ten boaters did not provide a response to this question; therefore, the results are based on nine boater responses.

Table 5.1.6-6 Acceptable West Fork Flow Releases for Whitewater Boating Opportunities

Hypothetical Flow Release	Acceptable (Rating 5)		Marginal (Rating 3)		Unacceptable (Rating 1)		Not Rated	Total Score	Boater Rating	
	Responses	Score	Responses	Score	Responses	Score	Responses		Average	Median
400 cfs	-	-	3	9	6	6	-	15	1.7	1
600 cfs	2	10	5	15	2	2	-	27	3.0	3
800 cfs	7	35	2	6	-	-	-	41	4.6	**5**
1,000 cfs	8	40	1	3	-	-	-	**43**	**4.8**	**5**
1,100 cfs	8	40	1	3	-	-	-	**43**	**4.8**	**5**
1,300 cfs	6	30	1	3	-	-	2	33	4.7	**5**
1,500 cfs	5	25	1	3	-	-	3	28	4.7	**5**
1,700 cfs	2	10	2	6	1	1	4	17	3.4	3
2,000 cfs	2	10	1	3	2	2	4	15	3.0	3
2,500 cfs	2	10	1	3	2	2	4	15	3.0	3

The data provided in **Table 5.1.6-6** can be analyzed a number of ways. If basing the results solely on the highest total score, boater responses suggest a hypothetical flow release of 1,000 cfs and 1,100 cfs are equally the highest acceptable option with a total score of 43 each; with 800 cfs as the second highest acceptable option with a total score of 41; followed by 1,300 cfs (33); 1,500 cfs (28); 600 cfs (27); 1,700 cfs (17); and 400 cfs, 2,000 cfs, and 2,500 cfs tied as least acceptable with a total score of 15 each.

If basing the results on the average boater rating, the top hypothetical flow release results are the same with 1,000 cfs and 1,100 cfs equally the highest acceptable option with an average rating of 4.8; followed by both 1,300 cfs and 1,500 cfs with an average of 4.7 each; 800 cfs (4.6); 1,700 cfs (3.4); 600 cfs, 2,000 cfs, and 2,500 cfs tied with an average of 3.0 each; and 400 cfs with the lowest average of 1.7. When reviewing the median boater rating, five hypothetical flow releases received a median rating of 5 (800 cfs, 1,000 cfs, 1,100 cfs, 1,300 cfs, and 1,500 cfs); four received a median rating of 3 (600 cfs, 1,700 cfs, 2,000 cfs, and 2,500 cfs); and 400 cfs received a median rating of 1.

After boaters completed the overall evaluation form, they gathered in the parking area at Kimball Town Park with NSPW personnel and Jake Ring to discuss the study and capture immediate feedback. All boaters agreed the 600 cfs flow release was too low for an enjoyable boating experience due to the number of rocks (boney), flashy holes, and long flat water sections. The 1,200 cfs flow release did provide an enjoyable boating experience; despite a number of flat water sections - Rock Cut Falls and Kimball Falls are worth it because of the fast and constant flow. Boaters stated they would not return to the West Fork to boat at 600 cfs, but definitely would at 1,200 cfs. Boaters commented they would skip Reach 1

due to the hazards at Gile Falls and begin near Reach 2 and continue through to Kimball Falls for future boating opportunities at 1,200 cfs or 900 cfs. Kimball Town Park provides the opportunity to run Kimball Falls repeatedly with a decent take-out (stairs would be preferred) and easy put-in.

Boaters appreciated the parking area, camping options, picnic tables, and portable restroom facilities at Kimball Town Park. Boaters inquired what the maximum flow at Gile Dam could be and NSPW stated a maximum of 2,500 cfs could be released from the gates. Boaters mentioned with higher flow releases, bridge clearance becomes a safety issue, especially at Gile Falls (Reach1). Boaters agreed the West Fork is not a suitable run for beginners and requires a higher boating skill level with the ability to read the water and navigate hazards. Boaters asked NSPW to consider a late summer or early fall flow release since few opportunities are available in the area/region at that time.

5.1.7 Whitewater Study Photos/Video Documentation at Each Surveyed Flow

NSPW personnel were stationed on the downstream side of Gile Dam (start of Reach 1), South Drive bridge (end of Reach 1/start of Reach 2), Center Drive bridge (end of Reach 2/start of Reach 3), and at Kimball Town Park (end of Reach 3) to photo/video document the Level 3 assessment. Representative photos of each reach at each flow releases are included in **Appendix S**. Videos of each run taken by a volunteer boater have been posted to the relicensing webpage at http://hydrorelicensing.com/gile-flowage/.

Based on NSPW observations during the study, the length of time boaters took to complete each reach at each flow release is include in **Table 5.1.7-1**. The start time is based on when the first boater entered the water or began the reach and the end time is based on when the final boater completed their take-out or passed the end marker of the reach. The boating times are approximately equal for both flow releases in Reach 1 and Reach 3; Reach 2 took over twice as long at 600 cfs than 1,200 cfs. The longer completion time can be attributed to the take-out at Center Drive bridge during the 600 cfs flow release, scouting, and the length of flat water in Reach 2.

Table 5.1.7-1 Boater Time to Complete Study Runs

First boater at put-in to last boater at take-out	Reach 1		Reach 2		Reach 3	
	600 cfs	1,200 cfs	600 cfs	1,200 cfs	600 cfs	1,200 cfs
Completion Time (minutes)	42	39	62	27	10	8

6. Impacts of Whitewater Boating Releases on Generation

Scheduled water releases from the Gile Dam, to provide whitewater recreation boating opportunities on the West Fork, have the potential to affect downstream generation at the Saxon Falls and Superior Falls Hydroelectric Projects, as well as the reservoir elevation of Gile Flowage. The West Fork is immediately downstream of the Gile Flowage Storage Reservoir. Historically, the primary objective of the Gile Flowage is to store water during periods of high inflow and release the stored water downstream to augment low river flow, primarily during the summer months, to supplement downstream power generation. Periods of high inflow occur when the combined inflow from the West Fork and main branch of the Montreal River exceed the maximum hydraulic capacity of the downstream power generating facilities. The maximum hydraulic capacity of the downstream powerhouses is 170 cfs at Saxon Falls and 220 cfs at Superior Falls.

Flow releases of 600 cfs and 1,200 cfs were run during the study. Feedback from completed boater evaluation forms and post-evaluation discussion indicate an optimal flow range for the West Fork is 800 to 2,000 cfs, while a flow release of 1,000 cfs and 1,100 cfs received the highest rating, followed by 800 cfs, 1,300 cfs, and 1,500 cfs. Boaters indicated they would travel to the West Fork for flows at 900 cfs.

Daily flow release records for the Gile Dam were reviewed from 1994 to 2020 (27 years). **Table 6-1** shows the total days, average number of days a year, and monthly frequency of the flow releases included in the study (highlighted) and preferred flow releases identified by the boaters. In general, during spring runoff or major storm events, flows released from the Gile Dam are sufficient to support whitewater boating in the West Fork at 600 cfs or 1,200 cfs (study flow releases). Spring runoff events typically occur from mid-March through mid-June, with the highest frequency typically occurring in May, followed by April, June, and March. Higher natural flow releases in July and October are likely the result of heavy rainfall events. Statistically, the higher flow events that occurred in September, November, and December were negligible and no events were noted in August.

All ten boaters would travel to the West Fork if optimal flow releases were available during the summer months of June, July, and August; nine would return in September; six in October; five in May; and three in both April and November. The months identified by 50% or more boaters are outlined in the table below. Based on boater flow release and travel preferences, May would likely provide the best opportunity for whitewater boating recreation opportunities on the West Fork.

Table 6-1 Gile Dam Flow Release to the West Fork (Data from 1994–2020)

Flow Release	Total Days (27 Years)	Average (Days/Year)	Natural Flow Occurrence Frequency per Month								
			Mar	Apr	May	Jun	Jul	Sep	Oct	Nov	Dec
≥ 600	**225**	**8.3**	**16**	**74**	**83**	**23**	**12**	**5**	**5**	**2**	**5**
≥ 800	158	5.9	5	57	65	16	11	-	4	-	-
≥ 900	128	4.7	5	47	54	15	3	-	4	-	-
≥ 1,000	121	4.5	5	43	52	15	3	-	3	-	-
≥ 1,100	96	3.6	5	31	43	12	2	-	3	-	-
≥ 1,200	**89**	**3.3**	**5**	**30**	**42**	**7**	**2**	**-**	**3**	**-**	**-**
≥ 1,300	74	2.8	5	19	39	7	2	-	2	-	-
≥ 1,500	50	1.9	4	9	30	5	2	-	-	-	-
≥ 2,000	30	1.1	4	2	21	3	-	-	-	-	-

The 600 cfs and 1,200 cfs study flows do not appear to occur in the West Fork downstream of the Gile Dam on regular or predictable basis outside of the spring runoff months. According to the flow release records from 1994 through 2020, any flow release outside of natural spring runoff events would need to be planned and would lower the reservoir elevation. The extent to which the reservoir elevation would decrease would be dependent on the amount of flow released and the duration of said release. For example, if the Gile Flowage elevation was between 1,490.0 to 1,485.0 feet National Geodetic Vertical Datum of 1929 (NGVD) during a release of 1,200 cfs for a period of three hours (approximately 300 acre-feet released), the reservoir would be expected to drop approximately 0.1 feet. At a starting elevation of 1,480.0 feet NGVD, the elevation would be reduced by approximately 0.16 feet with the same 1,200 cfs release.

Typically, the Gile Flowage is at near maximum elevation each year from the end of spring runoff until late June. A volume of 300 acre-feet released from the Gile Flowage would provide enough flow to the downstream Saxon Falls and Superior Falls Hydroelectric Projects to generate approximately 21 and 17 additional hours, respectively, at full capacity each year. The maximum capacity at Saxon Falls and Superior Falls is 1,500 kilowatts (kW) and 1,650 kW, respectively. This corresponds to a generation of approximately 31,500 kilowatt-hours (kWh) at Saxon Falls and 28,050 kWh at Superior Falls for each 300 acre-feet of flow release. If the allowable operational range for the flowage could be adjusted slightly downward to compensate for the additional elevation reduction encountered for each flow release, the impact to downstream generation could be significantly reduced eliminated entirely. It could be eliminated completely if there is enough inflow into the Gile Flowage Storage Reservoir for it to refill completely the following spring. The potential operational, recreational, and environmental impacts associated with lowering the Gile Flowage for whitewater flow releases will be further discussed in the Draft License Application.

7. References

AW. (2007). *West Branch Montreal River Internet Flow Study October 2007*. American Whitewater.

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AW. (2022b, September 9). *American Whitewater*. Retrieved from Black C) Gabbro (Baker) Falls to Narrows Park (9.86 miles): https://www.americanwhitewater.org/content/River/view/river-detail/10827/main

AW. (2022c, March 9). *American Whitewater*. Retrieved from Montreal A) Hwy.2 at WI/MI state line to Nylund Road (3.6 miles): https://www.americanwhitewater.org/content/River/view/river-detail/2941/main

AW. (2022d, March 9). *American Whitewater*. Retrieved from Montreal B) Nylund Road to Saxon Falls Dam (17.9 miles): https://www.americanwhitewater.org/content/River/view/river-detail/2825/main

AW. (2022e, March 9). *American Whitewater*. Retrieved from Montreal C) Montreal Canyon: below Saxon Falls to Hwy. 122 (3.1 miles): https://www.americanwhitewater.org/content/River/view/river-detail/2301/main

AW. (2022f, March 9). *American Whitewater*. Retrieved from Montreal, W.Fk. B) Gile Falls to Hwy. 2 (6.3 miles) (Rock Cut Falls (Railroad Rapids)): https://www.americanwhitewater.org/content/River/view/river-detail/2300/main

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Appendix A Gile Flowage Whitewater Recreation Flow Study Area

Gile Flowage Storage Reservoir Project
FERC Project No. 15055)

West Fork of the Montreal River
Iron County, Wisconsin

Level 3 Assessment
Whitewater Recreation Flow Study

USH 2 Bridge

Kimball Falls Park Bridge
(End of Study Area)

Study Reach 3

Center Drive Bridge

Study Reach 2

South Drive Bridge

Study Reach 1

Gile Dam
(Start of Study Area)

Whitewater Study Points of Interest

- Gile Dam
- South Drive Bridge
- W Center Drive
- Kimball Falls Park Bridge
- USH 2 Bridge

N

0 0.25 0.5 0.75 1

Miles

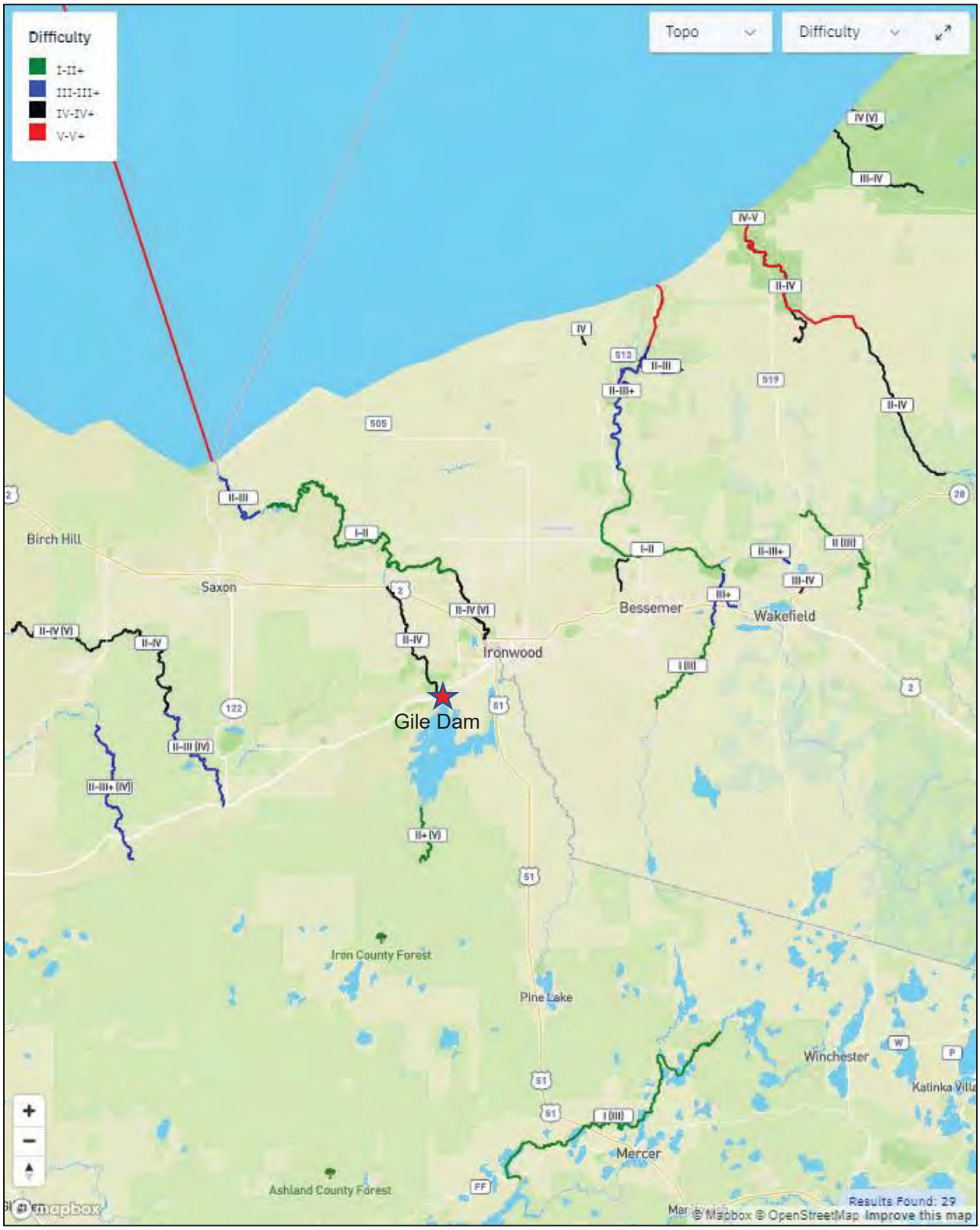
Map Note:
The distances between successive points of interest are indicated on the map in miles and are approximate. Distances were calculated using hydrographic data available on the Wisconsin Department of Natural Resources GIS Open Data Portal (data accessed March 2022). Topographic Map Source - ESRI

Document Path: \\corp.meadhunt.com\shared\folders\enp\240\0100\156398.01\TECH\Gile\Study Information\Study Protocol\Whitewater Flow\04_Gile_Whitewater_Study_Levels 1 2 3\Level 3 Assessment\Study Maps\Gile\WhitewaterStudy_Agency_Invite.mxd

Appendix B Level 1 Assessment – Literature Review American Whitewater

American Whitewater River Info Interactive Map

https://www.americanwhitewater.org/content/River/view/river-index (accessed March 9, 2022)



American Whitewater River List (name, class, section)

Information is based on Interactive Map extent on previous page:

- Black - II-III+
  D) Narrows Park to Conglomerate Falls (8 miles)
- Black - IV-V (V+)
  E) Lower: Conglomerate Falls to Lake Superior (2.0-2.6 miles)
- Black - I-II
  C) Gabbro (Baker) Falls to Narrows Park (9.86 miles)
- Black - II-III
  B) Upper: Ramsey (Mill St) to Gabbro (Baker) Falls (2.42 miles)
- Black - I (II)
  A) E7178 (Elm Lane) to Ramsay (Mill St, Old US2) (6.0 miles)
- Black, Little - III+
  Stub off US2 to Black River above Gabbro (2.35 miles)
- Carp (Porkies) - IV (V)
  Above Shining Cloud Falls to Lake Superior (1.7 miles)
- Copper Creek - II-IV
  Logging road to Presque Isle (2.6 + 4.75 miles)
- Jackson Creek - II (III)
  Morgan Mine Road to CR519 (8 miles)
- Lake Superior - I-V
  Various 'South Shore' (Wisconsin) locations
- Little Carp (Porkies) - III-IV
  Greenstone Falls trail to Lake Superior (5.5 miles)
- Maple Creek - IV
  Unknown/unnamed Road to Maple Creek Road (1.3 miles)
- Montreal - II-III
  C) Montreal Canyon: below Saxon Falls to Hwy. 122 (3.1 miles)
- Montreal - II-IV (V)
  A) Hwy. 2 at WI/MI state line to Nylund Road (3.6 miles)
- Montreal - I-II
  B) Nylund Road to Saxon Falls Dam (17.9 miles)
- Montreal, W.Fk. - II-IV
  B) Gile Falls to Hwy.2 (6.3 miles) (Rock Cut Falls (Railroad Rapids)
  (Note: part of this run is included in the Whitewater Study, more details provided below)
- Montreal, W.Fk. - II+ (V)
  A) ? (Logging Road?) to Spring Camp Road (3.76 miles)
- Planter Creek - II-III+
  B) Hwy.519 to conf.w.Jackson Creek (2.2 miles)

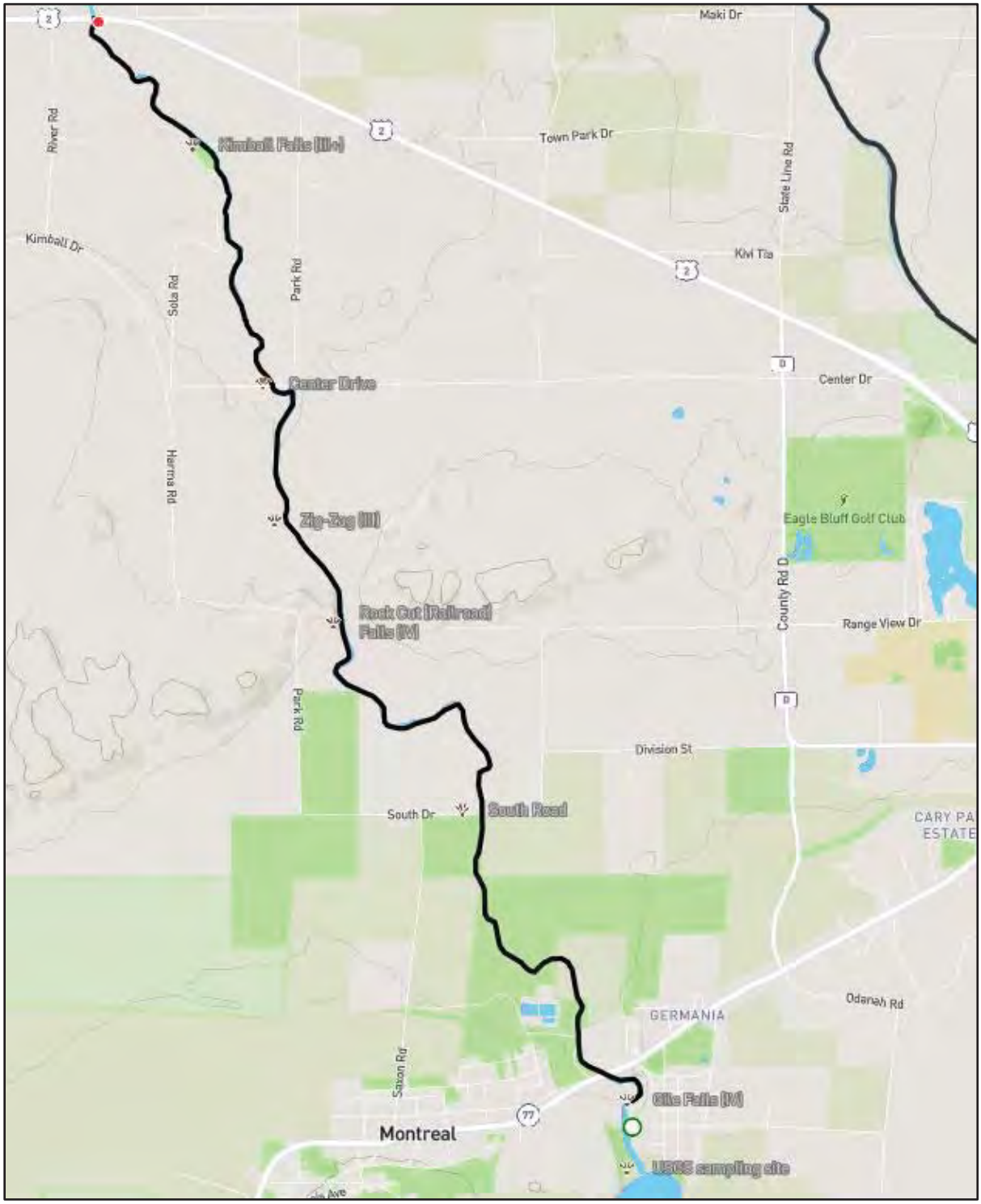
- Planter Creek - III-IV
  A) Hwy.28 to Wertanen Rd (0.15-0.96 miles)
- Potato - II-IV
  B) Foster Falls (Sullivan Rd) to Hwy.169 (7.5 miles)
- Potato - II-III (IV)
  A) Upson Falls to Foster Falls (Sullivan Rd) (2.5 or 7.2 miles)
- Potato - II-IV (V)
  C) Hwy.169 to Potato River Rd (6.5 miles)
- Powder Mill Creek - II-IV+
  above Powderhorn Falls to Cty.513 (2 miles)
- Presque Isle - III-V
  C) Steigers Bridge to South Boundary Road (8.2 miles)
- Presque Isle - II-IV
  B) Underwood Tower Rd to Steigers Bridge (7.5 miles)
- Presque Isle - IV-V
  D) 'Bottom Presque': South Boundary Rd to Lake Superior (1.1 miles)
- Sand Island Creek - II-III
  logging road (off of Camp 6 road) to Black River (2 + 1 miles)
- Turtle - I (III)
  Shays Dam to CTH.FF (Turtle/Flambeau Flowage) (16.5 miles)
- Tyler Forks - II-III+ (IV)
  A) Moore Park to Vogues Rd (up to 8.5 miles)

American Whitewater Details for Montreal, W.Fk. - II-IV

The following information is provided from the American Whitewater's webpage at American Whitewater or https://www.americanwhitewater.org/content/River/view/river-detail/2300/map (accessed March 9, 2022).

Montreal, W.Fk.

B) Gile Falls to Hwy.2 (6.3 miles) (Rock Cut Falls (Railroad Rapids))



The information provided below is copied verbatim from the “General” tab at https://www.americanwhitewater.org/content/River/view/river-detail/2300/main (accessed March 9, 2022).

River Description

Tough to catch with water, but contains one of the longest IV- rapids in the state.

Some river guide descriptions break the run into two sections, using Kimball Town Park as the intermediate take-out/put-in. This shortens the upper trip to 5.0 miles, and yields a 'section 2' run with 1.5 miles of II-III rapids (down to just below Hwy.2) followed by about a mile of much lesser gradient before the confluence with the main Montreal River (midway through a described reach of that river). Breaking this reach as described here, you get virtually all of the whitewater on the West Fork in one reach.

Alternatively, put-in may be possible from backroads north of the town of Montreal, skipping Gile Falls and thus also skipping 1.6 miles of flatwater.

Gile Falls (at/near the put in) is a scenic area where the river is squeezed between rock walls to plunge over a short falls. At most boatable flows you will be best advised to avoid the reversal that forms here by skirting as far left as possible. Just downstream, the river is diverted 90 degrees left through vertical walls of rock.

Much flatwater intervenes until ***Rock Cut Falls (a.k.a. Railroad Rapids)*** *is encountered. Scouting is highly advised, as this area has been known to collect snags. There are virtually no eddies to the bridge, and only a few small ones below. A great series of (almost unavoidable) offset holes in a relatively narrow boulder-lined channel lead to a bit of slack water under the (defunct) railroad bridge. The action resumes (only slightly diminished) leading to a river-right ledge and rock jumble creating a final slide into a pool.*

A short distance downstream, another river-wide irregular ledge creates a fairly nasty reversal at most runnable levels. The best route is a 'sneak' well to the right, with a short boof ledge, then enjoying the rapids which lead toward and past a fine rock outcropping on the right. Fairly continuous I-II action and flat but swift water will bring you to Kimball Falls, easily recognized by the clearing and park buildings on the left. Again, take out well in advance to scout. A fun series of small ledges lead down to a bridge, immediately after which the river is twisted and contorted into wrapping diagonal waves funneling into a final, wicked-looking hole.

Use the park at Kimball Falls (above or below the drop) as a short-run take-out, or proceed the next 1.5 miles through fairly continuous I-II action (with a couple boat-scoutable larger drops bordering on III) to the Hwy.2 bridge. A sweet, surfable wave forms in the downstream end of the culvert to finish off your trip.

River Features

USGS Sampling Site

USGS lists a sampling site just downstream of the Gile Flowage dam, showing drainage at this point as 78 square miles.

Put-In

Location: 46.42839216292123, -90.22770881652832

Gile Falls

Class: IV

Gile Falls (at/near the put in) is a scenic area where the river is squeezed between rock walls to plunge over a short falls. At most boatable flows you will be best advised to avoid the reversal that forms here by skirting as far left as possible. Just downstream, the river is diverted 90-degrees left through vertical walls of rock.

South Road

Alternate put-in, skipping Gile Falls and ~1.75 miles of flat water.

Rock Cut (Railroad) Falls

Class: IV

Just past a short zig-zag you'll come to a powerline crossing/clearing. Almost immediately you'll want to get out and scout from river-right (where the 'Iron Horse Trail' passes through). This is one of Wisconsin's (and among the upper Midwest's) longest class IV rapids (nearly an unrelenting quarter-mile). The narrow channel is filled with action, with only a brief pause right at the (defunct) railroad bridge (now part of the 'Iron Horse Trail'). Downstream of the bridge, the channel is slightly wider and the action slightly more manageable than above the bridge.

Zig-Zag

Class: III

As the river takes a sweeping right-hand bend, it encounters a few good bedrock intrusions (ledges). At some flows, there will be keepy-looking holes, but there are sneak-routes available.

Center Drive

Mostly just as a 'way point' to measure progress, but could also be an alternate (emergency) access.

Kimball Falls

Class: III+

Located in a county park, the lead-in is a bit less-than straightforward. Get out (river-left) to scout well-before the bridge. As you pass under the bridge (which no longer allows vehicular traffic, but provides access to the park) the main drop has a steep wrapping wave to the right, a fine tongue leading to a diagonal wave/hole below.

West Branch Montreal River Internet Flow Study, dated 10/30/2007, accessed March 1, 2002 from https://www.americanwhitewater.org/content/Article/view/article_id/29874/display/full/

AMERICAN WHITEWATER

Flow Study Completed for West Branch Montreal

Posted: 10/31/2007
By: Thomas O'Keefe

The West Branch of the Montreal is a low-volume river located on the south shore of Lake Superior in northern Wisconsin, USA. On the stretch of the West Branch between Gile Falls and Highway 2 a popular class IV- whitewater run exists. Although this stretch hosted the National Wildwater Championships in 1992 and the Pan Am races in the early 1980's, paddlers can generally only find adequate flows for whitewater runs during a week or two in early spring when the reservoir upstream spills.

Dam operations upstream of Gile Falls could allow for scheduled whitewater releases into the West Branch providing additional paddling opportunities in the Lake Superior area. To explore this possibility an internet flow survey was conducted between the spring of 2006 and 2007. Results of the survey provided information on optimal flows for whitewater recreation.

Local volunteers will be able to use this report and the information provided in their discussions with the utility and local community. While the Gile Flowage is not part of a federally-licensed hydropower facility there may be opportunities to provide recreational opportunities on this great river. The project has been used to provide flows for recreation in the past and paddlers throughout the region have expressed interest in future opportunities. The report provides a common framework for those discussions to take place.

The report was prepared by AW member Evan Stafford. We thank all our members and supporters who provided information and feedback on this study.

Thomas O'Keefe

AMERICAN WHITEWATER
PO BOX 1540
CULLOWHEE, NC 28723

WEST BRANCH MONTREAL RIVER INTERNET FLOW STUDY OCTOBER 2007

EVAN STANFORD and THOMAS O'KEEFE

AMERICAN WHITEWATER
www.americanwhitewater.org

ABSTRACT

The West Branch of the Montreal is a low-volume, popular class IV-whitewater river located on the south shore of Lake Superior in northern Wisconsin, USA. Those seeking whitewater recreation can generally only find adequate flows during a week or two in early spring when the reservoir upstream spills. In this study researchers have utilized the structural norm approach and impact acceptability curves to examine instream flows for recreation on the West Branch of the Montreal. The range of acceptable flows, as determined by the impact acceptability curve was from 400-1,000 cfs. All average evaluations for flows between these levels were above the neutral line. 600 cfs received the highest average evaluation and is therefore considered to be the optimal flow. According to these data, a release of 600 cfs would appeal to the greatest variety of river users. Dam operations upstream of Gile Falls could allow for scheduled whitewater releases into the West Branch extending the recreation season for paddling in the Lake Superior area.

KEY WORDS

instream flows, flow management, recreation flows, flow study

INTRODUCTION

The West Branch of the Montreal is a low-volume river located on the south shore of Lake Superior in northern Wisconsin, USA. On the stretch of the West Branch between Gile Falls and Highway 2 a popular class IV- whitewater run exists. Although this stretch hosted the National Wildwater Championships in 1992 and the Pan Am races in the early 1980's, paddlers can generally only find adequate flows for whitewater runs during a week or two in early spring when the reservoir upstream spills.

Researchers have utilized the structural norm approach and impact acceptability curves to examine instream flows for recreation on a variety of river stretches across the United States including the Grand Canyon of the Colorado River in Arizona (Whittaker & Shelby, 2002). River managers can manipulate instream flows through controlled dam releases. On river stretches where manipulation is possible, flow management has become a central issue in recreation management. Dam operations upstream of Gile Falls could allow for scheduled whitewater releases into the West Branch extending the recreation season for paddling in the Lake Superior area. To explore this possibility an internet flow survey was conducted between the spring of 2006 and 2007.

Whitewater paddlers who responded to the internet survey were enthusiastic about the possibility of scheduled releases. Many expressed difficulty in predicting runnable flows for the West Branch and some respondents had never done the run due to the extremely short season when adequate flows spilled from the dam. Respondents articulated a need for whitewater opportunities in the warm weather summer months in the upper Midwest and many were willing to travel long distances for scheduled releases on the weekend. Results from the impact acceptability curve suggest that instream flow releases of 600-1,000 cfs would be acceptable to a majority of river users. A Saturday release was favored by 56% of respondents and the average preferred time and duration for instream releases were 10am and 6 hours respectively.

METHODS

The structural norm approach is a technique used to represent social norms graphically. Structural characteristics of norms are displayed visually through a device referred to as an impact acceptability curve. This visual representation has proven useful to the process of communicating normative concepts to resource managers. The potential for conflict index (PCI) developed by Manfredo, Vaske, and Teel (2003) advanced the graphic representation of social norms by visually displaying information about their central tendency, dispersion and form simultaneously (Vaske, Needham, Newman, Manfredo, & Petchenik, in press).

Instream flow is the amount of water in a river at a given time. Understanding the relationship between instream flows and resource values can aid in the creation of standards for recreation use (Whittaker & Shelby, 2002). Using the structural norm approach, impact acceptability curves and the PCI (Figures 1 & 2) researchers have described optimum flows, ranges of tolerable flows, intensity and crystallization (i.e., respondent agreement) for numerous specific river settings (Shelby, Vaske, & Donnelly, 1996; Whittaker, Shelby, & Abrams, in press). The impact acceptability curve takes norms related to the acceptability of specific instream flows, measured at the individual level and then aggregates them to describe social norms by plotting the averages of individual's response evaluations (Shelby et al., 1996). The set of specific instream flows measured are displayed on the horizontal axis. Average evaluations are displayed on the

vertical axis, with negative evaluations on the bottom, a neutral line in the middle, and positive evaluations on top (Whittaker & Shelby, 2002).

The highest point or peak of the curve represents the optimum flow. The range of flows with average evaluations above the neutral line represents the range of tolerable flows. The points where the curve intersects with the neutral line define the standards to be associated with too high and too low a flow. The relative distance of the curve in relationship to the neutral line defines the intensity of a norm. The variation among evaluations at each flow level constitutes the crystallization of the norm but is typically not visually displayed on a impact acceptability curve. In this study we use the PCI bubbles (Figure 2) to describe crystallization graphically on the curve, where the larger the PCI bubble, the less agreement between respondents and the smaller the bubble, the greater the agreement.

An internet specific instream flow survey was conducted between the spring of 2006 and 2007. The survey was advertised on the American Whitewater website through a number of articles. The Wisconsin Hoofers Outing Club also played a role in attracting respondents to the internet based survey. Individuals interested in the possibility of scheduled whitewater releases on the West Branch were invited to take part in the survey regardless of their skill level, whitewater experience, craft used or familiarity with the stretch.

A wide range of variables were measured for this study. Respondents evaluated the acceptability of 13 specific flows from the West Branch dam. The flows ranged from 100 cfs to 1,000 cfs (see Table 1 for a complete listing of flow levels measured). Each flow was evaluated on a 7-point scale: totally unacceptable (-3), moderately unacceptable (-2), slightly unacceptable (-1), neutral (0), slightly acceptable (1), marginally acceptable (2) and totally acceptable (3). Acceptable flows, optimal flows, and norm crystallization were determined for all respondents. Three release preference variables were measured including preferred release time of day (i.e. 9am, 10am etc.), preferred release duration (i.e. 1 hour, 2hours, etc.) and preferred day of release (Saturday, Sunday., or either). A set of open ended flow related variables were also measured including optimum, standard, increased challenge, and preferred release flow.

TABLE 1

Mean acceptability rating, Standard Deviation and Potential for Conflict Index value for measured specific cfs flows on the West Branch Montreal, Wisconsin, USA

Specific Flow CFS	Mean Acceptability	Standard Deviation	PCI
100	-2.82	0.40	0
150	-2.60	0.84	0
200	-2.10	1.45	0.06
250	-1.88	1.54	0.07
300	-0.90	2.13	0.40
350	-0.70	2.45	0.53
400	0	2.49	0.74
450	0.54	2.34	0.49
500	1.33	1.92	0.27
600	1.5	1.83	0.12
700	1.33	1.72	0.22
800	1.27	1.74	0.17
1000	0.83	1.80	0.28

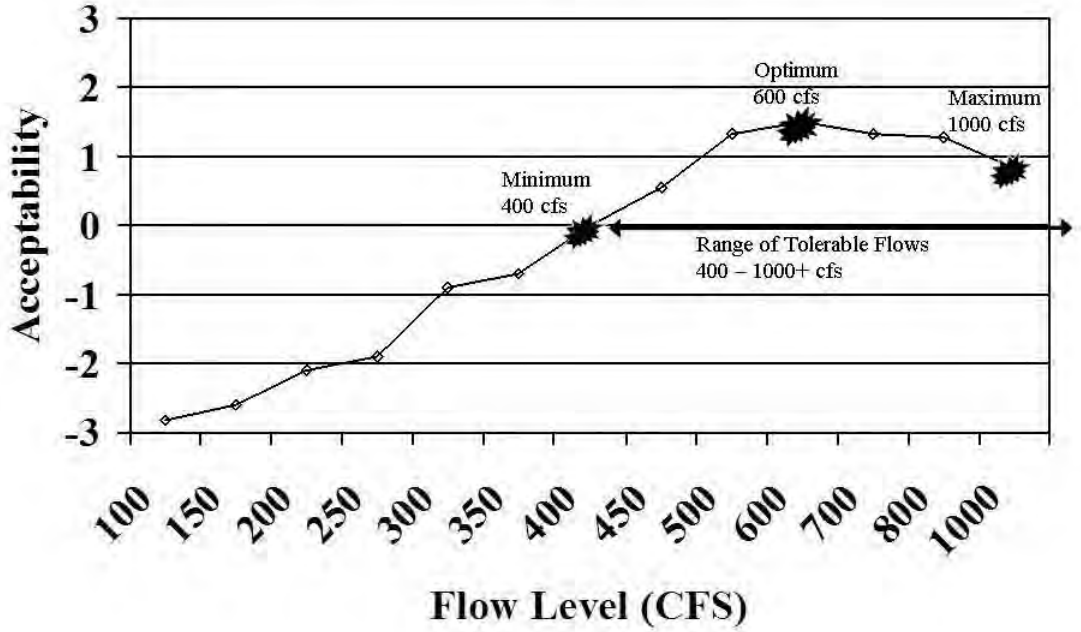
RESULTS

Under the structural norm approach, flows between 100 cfs and 350 cfs were, on average, unacceptable (Figure 1). Flows of 450 cfs and greater were within the range of acceptable flow conditions. Flows of 600, 700 and 800 cfs were considered optimal. Flows of 1,000 cfs were, on average, considered acceptable. Flows greater than 1,000 cfs were not measured. While some individuals have run the river at these higher flows these opportunities are limited and unlikely to be provided for during a controlled release.

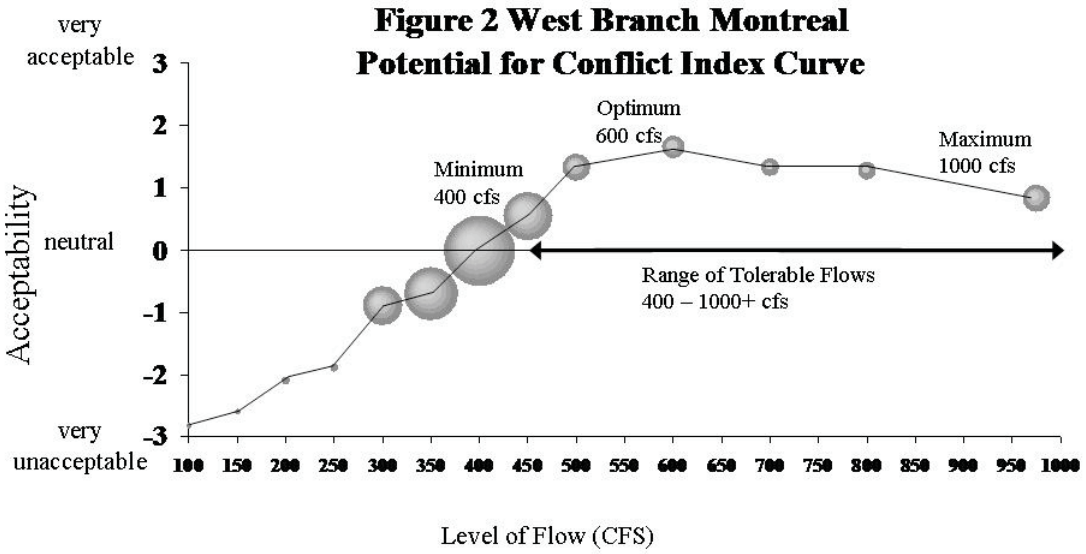
Under the set of open ended flow response questions 905 cfs was considered, on average, to be the optimum flow, with responses ranging from 400-2,500 cfs. The average standard flow was 730 cfs on average, with a response range of 400-2,000 cfs. A flow of 1,310 cfs was the average flow for an increased challenge trip, with a range of 600-5,000 cfs. The average preferred release flow was 875 cfs, with a range of 400-2,500 cfs. The average preferred duration or length of a release was on average 6 hours, with a range from 4 hours to 1 week in length. The average preferred time of day for a release was 10 am, with a range from 9 am – 1 pm. When asked what their preferred day for a release would be, 56% of respondents chose Saturday, 3% preferred a Sunday release and 41% responded that either day of the weekend was acceptable.

The Potential for Conflict Index ranges from 0 (no conflict, high consensus) to 1 (high conflict, low consensus). PCI scores for the acceptability of specific flows ranged from .00 (100 and 150 cfs), to .73 (400 cfs). Using the traditional norm acceptability curve (Figure 1), the average flow evaluation for 400 cfs was at the neutral line, suggesting that

Figure 1 Impact Acceptability Curve
West Branch Montreal



a flow of 400 cfs was within the acceptable range of flows. When the curve is displayed with PCI bubbles (Figure 2), it is apparent that some boaters evaluated a flow of 400 as unacceptable. The bubble straddles the neutral line and the PCI value is the largest measured for any of the specific flow evaluations (.73). PCI scores at the optimal flows of 600, 700, and 800 cfs were .22, .17 and .17 respectively, the lowest for any of the flows measured with average ratings above the neutral line. These relatively low PCI values (small bubbles, Figure 2) suggest that across all boaters there was considerable consensus regarding the acceptability of these optimum flow levels. PCI values, as well as mean evaluations and standard deviations, for the flows evaluated under the impact acceptability curve are displayed in Table 1.



DISCUSSION

Understanding the impact acceptability curves for river stretches where instream flow manipulation is possible is fundamental to the proper recreation management of these stretches. Instream flow releases can provide unique recreation opportunities for multiple user groups and can help flow diversion and storage operations meet their protection, mitigation and enhancement measures necessary to re-license their operations under the Federal Energy Regulatory Commission (FERC) (Whittaker & Shelby, 2002). Xcel Energy manages Gile Flowage which provides water to their Saxon Falls Hydroelectric Project and Montreal Hydroelectric Project downstream. Gile Flowage is a storage impoundment and not a licensed project, but paddlers are still interested in determining the potential for a scheduled flow release or releases.

This study was implemented to help determine the instream flow-recreation relationship and to help determine at which flow level a scheduled release would be most appropriate.

The range of acceptable flows, as determined by the impact acceptability curve (Figure 1), is from 400-1,000 cfs. All average evaluations for flows between these levels were above the neutral line. 600 cfs received the highest average evaluation (1.5) and is therefore considered to be the optimal flow. According to these data, a release of 600 cfs would appeal to the greatest variety of river users.

Where respondents were able to identify flow characteristics in an open ended response format, average flow evaluations were slightly higher. This combined with the above neutral acceptability evaluation on the impact acceptable curve for 1,000 cfs, suggests that there is a significant population of river users who would prefer higher flow releases. When asked directly what flow level would be their preferred release, the range of responses was from 400-2,500 cfs, with a mean of 875 cfs. Respondents interested in release flows over 1,000 cfs were most likely looking for an increased challenge whitewater experience. Evidence of this phenomenon comes from the mean response to an open ended, preferred flow question for an increased challenge trip of 1,310 cfs. Users who are not as experienced river runners, or who preferred a more moderate whitewater challenge, are more likely to be comfortable with flows closer to the minimum acceptable flow of 400 cfs. All river users are likely to find these lower flows to be acceptable, but more experienced and daring river users may not find the level of whitewater challenge that they are looking for.

The Potential for Conflict Index (PCI) helps to identify the agreement between respondents at each individual flow level. Table 1 and Figure 2 reveal a PCI score trend that is similar to previous studies (Vaske, Stafford, Shelby & Whittaker, in review). Users are in the most agreement at flow levels which are highly unacceptable and highly acceptable. Users are in the least agreement when average response evaluations are near the neutral line. At the instream flow of 400 cfs, users are highly divided over the acceptability of this flow for whitewater recreation. Some respondents felt that this flow was too low for a meaningful whitewater experience, while other users found this to be an acceptable flow. It is possible that the acceptability of flows on the lower end of the flow spectrum have been influenced by the limited availability of days during the year when this stretch is runnable. Some users may find lower flows acceptable because these are the only flows they have been able to catch on this stretch.

PCI scores on the higher end of the flow spectrum show strong agreement between users. Flows of 600, 700, and 800 cfs had PCI scores of .22, .17, and .17 respectively. For whitewater river running a certain amount of flow is necessary just to navigate a stretch. In general, once that minimum flow level is passed, the stretch becomes runnable up to a certain much higher level of flow, which can be dictated by a number of variables, including skill level, experience and craft type. For the West Branch Montreal the majority of river users were in agreement that flows up to and beyond 1000 cfs are acceptable and are not out of their range of acceptable flows.

This study has a number of limitations. Internet studies are by nature a biased and hard to control medium for conducting research. For instream flow related research they may prove to be acceptable because instream flow research normally does not look to sample the general population. For most studies only experienced river users are surveyed because prior research suggests that experienced boaters are more knowledgeable about how flows affect recreation attributes and are most capable of evaluating specific flows (Shelby, Brown, & Baumgartner, 1992). Reaching out to experienced users through internet surveys is a very real possibility. There is also the chance that less experienced users who are not truly capable of estimating and determining the difference between specific flow levels will respond and should therefore be considered a limitation of this

study. 63% of respondents estimated flow levels for their previous runs and 95% of respondents recalled their level of flow from memory. Flow level estimations can be a reliable source for actual levels from experienced river users, but in this study there is no way to determine the experience level of different respondents.

Another limitation to this study was the amount of respondents who had not run this stretch prior to responding to the survey. 38% of respondents had not completed the West Branch Montreal and an average of 31 respondents skipped the questions referring to specific flow levels. This can be attributed to the extremely short season for whitewater recreation on this stretch, but this also shows that there is strong interest in scheduled releases for this run. Respondents who have not completed this run were very likely the same respondents who skipped flow related questions and therefore would have little, if any affect on the variables used to determine the acceptability of instream flows.

This survey provides most, if not all of the necessary components to determine an acceptable instream flow level, a time of day, duration and day of the week for scheduled whitewater releases on the West Branch Montreal. The data strongly suggest that a minimum release level should be 600 cfs, as this flow level was found to be acceptable to the greatest variety of river users. The data also suggest that varying the flow levels released over multiple release days or a release weekend may provide for an even more varied group of river runners. An optimum release schedule for a weekend of two releases, according to this study, would begin with a release of 600 cfs on Saturday morning at 10 am and would last until 4 pm, and would have a second release day of 800-1,000 cfs on Sunday, which would begin at 10 am and would last until 4 pm. If the release schedule had to be limited to one day then a flow of 600-800 cfs should be released between 10 am and 4 pm on a Saturday. Considering this studies limitations, a follow up survey of participants is recommended subsequent to an initial whitewater release in order to obtain a more accurate instream flow – recreation relationship for the West Branch.

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Whittaker, D., & Shelby, B., Abrams, J. (in press). Instream flows and “angler habitat:” Flow effects on fishability on eight Pacific Northwest rivers. *Human Dimensions of Wildlife*, 11(5).

Appendix C Level 1 Assessment – Literature Review Wisconsin Trail Guide

The Wisconsin Trail Guide website includes search options for Paddle Trails, which includes 20 rivers to choose from, including the Montreal River. The information provided below is copied verbatim from https://wisconsintrailguide.com/paddle/montreal-river.html (accessed March 14, 2022).

Montreal River

(MO1) Montreal River Canyon

Distance: 3.2 miles
Skill Level: Advanced
Whitewater: Class II-IV
Approx. Paddle Time: 2+ hours
Elevation Drop: 168 feet
Average Gradient: 52.5 fpm

Trail Review

Many consider this as one of the premier, advanced whitewater runs in the Upper Midwest. The canyon run features long continuous stretches of wavy class II to III rapids and ledges with numerous holes and excellent play spots. At high water levels, a few of the drops and long pitches rate class IV forming large haystacks and wave trains.

Most of the three-mile stretch is through the incredibly scenic Montreal River Canyon where sheer conglomerate walls reach heights of up to 300 feet above the river. The rugged scenery in the canyon is among the best in Wisconsin. Pine, spruce and hemlock often cover the steep slopes and cliffs along with stands of birch and aspen.

While the gorge has spectacular scenery, it also creates a somewhat precarious situation, once you are committed to making the run you will not be able to change your mind. It is very, very difficult to get out of the canyon on foot after the first quarter mile. Jim Rada, author of 'Northwoods Whitewater', basically states that; in the interest of safety, "it's good to have a group mentality here" when attempting this run. Good advice.

This run should only be attempted by advanced and expert whitewater paddlers.

The Montreal River Canyon sits between two of the tallest waterfalls in the upper midwest. The first, Saxon Falls, is located just above the put-in and has a total drop of 90 feet. Unfortunately, the falls normally run at a trickle, only providing a full cascade during a dam release from the Saxon Falls Dam a short distance upstream. The second waterfall is Superior Falls, located a few hundred yards north (downstream) of the Highway 122 Landing. Superior Falls are 110 feet high over several drops. There is a scenic overlook that offers a partial view of the falls off Highway 122 on the Michigan side.

This segment of the Montreal West Branch forms part of the upper northern border between Wisconsin and the Upper Michigan Peninsula. The Montreal River is one of the few rivers in the US that flows north, emptying into Lake Superior.

The Montreal West Branch is used for Hydro-electric power which means water levels fluctuate greatly! You must call the hotline (see below) before making the run to find out when the next release is (if there is one!). During a dam release, water levels rise rapidly without warning and will change the character of the river dramatically. Always wear proper safety equipment, don't paddle alone, and be sure to let a friend or relative know where you are just in case.

Camping

Wisconsin State Park Campgrounds

Copper Falls State Park is about a 35 minute drive from the intersection of County B and Highway 122. The family campground offers 56 secluded campsites, and a group camp for tent camping (up to 40 people). This is the most scenic gorge and waterfall area in Wisconsin and the Doughboys Trail is featured in this guide.
“Ancient lava flows, deep gorges and spectacular waterfalls make Copper Falls one of Wisconsin's most scenic parks. Log buildings built by the Civilian Conservation Corps in the 1930s add to the park's charm. There is plenty to do; hiking, bicycling, picnicking, fishing and swimming. The North Country National Scenic Trail passes through Copper Falls State Park.”
_source: Wisconsin DNR.

Season

The water levels are controlled by release from the Saxon Falls Dam. Excel Energy Power Company has set up a hotline with a recorded message about current conditions at 715.893.2213.

Opinions vary when it comes to good water levels for enjoyable paddling. For experienced paddlers, the best action occurs: during a dam release; during the spring meltoff; and/or occasionally in late fall. The river is normally too shallow to navigate in summer and fall.

Exercise common sense, and know your limitations!

River Level Information

Phone Contact for Info: Excel Energy hotline (recording); 715.893.2213
USGS Website: There is no USGS River Gauge for this segment.

The “Guide MO1” link on the Montreal River (MO1) Montreal River Canyon webpage provides the following at https://wisconsintrailguide.com/paddle/pdf/guide-montreal.pdf:

MONTREAL RIVER (MO1)

Put-in	Access at Saxon Falls Powerhouse	**Elevation Drop**	168 feet
Take-out	Highway 122 Landing	**Average Gradient**	52.5 feet per mile
Distance	3.2 miles	**Minimum Suggested Flow**	250 cfs (from Excel Energy)
Approximate Time	2+ hours	**Water Level Info / Phone**	Excel Energy hotline 715.893.2213
Most Difficult Rapids	Class 2 - 4		

Paddlers' Notes

It is strongly recommended that you DO NOT paddle the Montreal River Canyon solo!

3.9 Mile **Access at Saxon Falls Powerhouse** ***River:*** After the steel footbridge, you will paddle through a stretch of class 1 rapids that continues around a left bend. The easy rapids occur intermittently for some distance downstream. The current after the powerhouse and footbridge varies with release and water levels from moderately quick to very fast. ***Shuttle:*** On County Highway B, turn north on to Saxon Falls Road. As you near the landing, a sign at an intersection reads 'boat landing' and points to the right, ignore this and continue straight ahead down a curved decline. The parking area is at the end of the road. There is a steel stairway down to the river that is fenced off with 'no trespassing' signs and a gate that is usually locked. There is a 'trail' down a very steep slope along the right side of the staircase, about 125 vertical feet down to the landing. The footing is treacherous so you should attach a rope to your boat and lower it down ahead of you. Once you are down to the riverbank, you can put-in above or below the steel footbridge. Parking, trailer turnaround, hand carry access.

3.6 Mile **Rapids (Class 2-4)** The first significant rapids occur where the river constricts into a small s-turn. The river rushes over a pair of ledges which together drop about 3 feet. When the river is running these drops can produce class 3 waves. After the drops, the river widens and slows for a short distance before entering into the first of several long stretches of exciting and challenging rapids and ledges. The river drops more than 73 feet over the next 1.4 miles.

The whitewater continues for the next 1.8 miles to the end of the canyon Many of the rapids and ledges occur where steep canyon walls rise sharply above the river. In some places, you will not be able to land and scout a route.

The water levels can vary widely from 250 cfs all the way up to 1700 cfs. These variances are due to seasonal events such as: snow melt in spring, heavy rain, ... and dam releases. You should call the hotline before attempting the run!

1.8 Mile **Canyon Ends** The Montreal River Canyon gradually gives way to low, sloping wooded banks. The river widens and becomes shallower with several long stretches of class 1 and 2 boulder gardens. During lower water conditions gravel bars appear where you can land your kayak or canoe and rest. Within approximately half a mile, the high banks give way to lowland forest and marsh as you enter the Superior Falls Flowage. Several islands appear and you will likely see more wildlife than in the canyon. Eagles and other bird life are common.

0.7 Mile **Highway 122 Landing** ***River:*** The river is calm and slow as you approach the Highway 122 Bridge. The roadside access is before the bridge on the left bank. **Do not paddle past the orange buoys!** ***Shuttle:*** The river access is located at the southeast corner of the Highway 122 Bridge. Park at the scenic overlook a few hundred yards north of the bridge on the Michigan side. Hand carry access, parking, trailer turnaround.

Superior Falls North of the dam (***downstream***), the river flows through an very scenic gorge and tumbles over several falls. There are numerous trails that lead to several scenic overlooks with awesome views of the final cascade. Do not enter the water to wade or swim period! When there is a dam release, the water rises dramatically and you will have very little time to react.

MONTREAL RIVER (MO1)

Driving Directions (Google Maps)

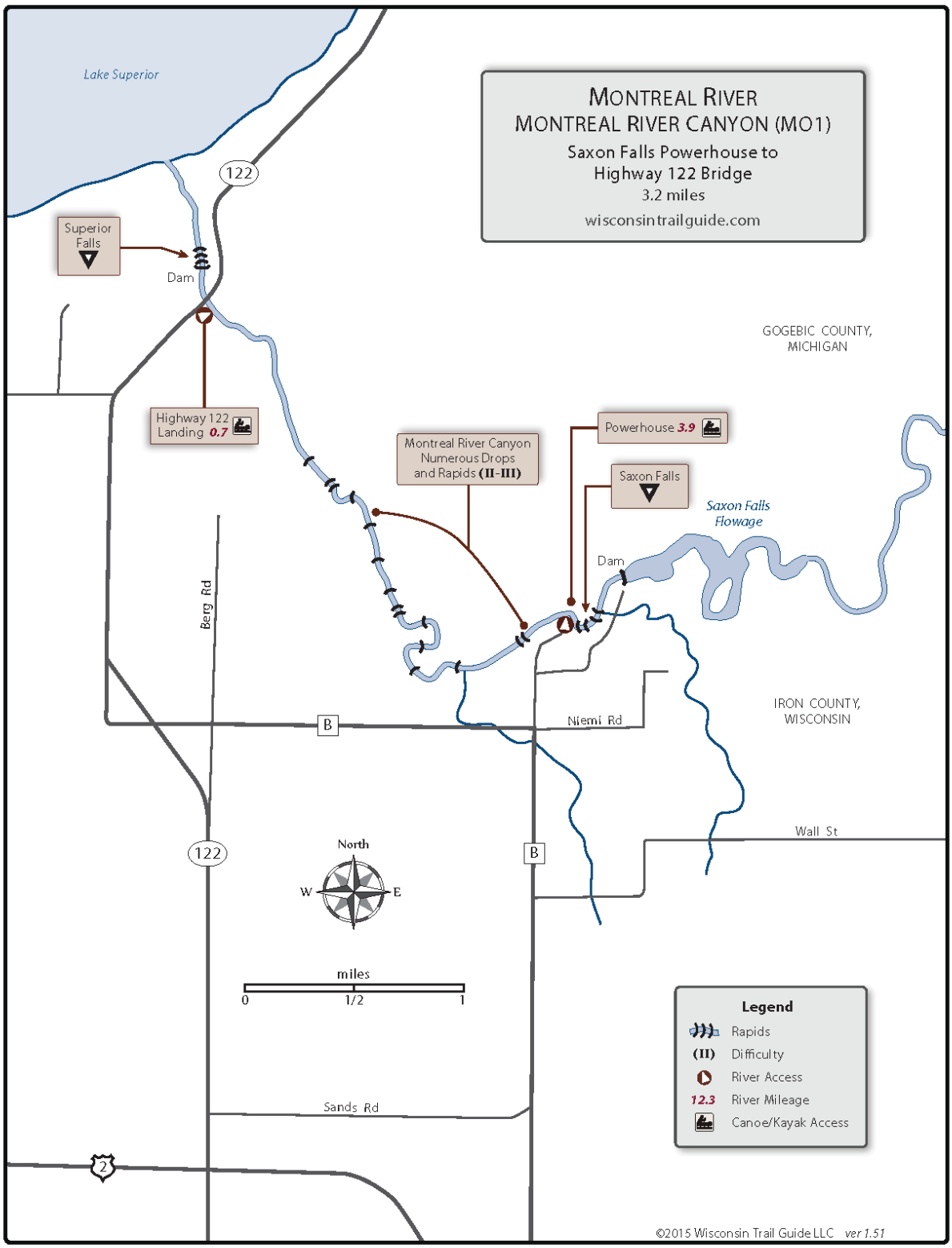
Powerhouse, River Access

Highway 122 Bridge Landing

GPS – NAD83 / WGS84

Powerhouse, River Access	46.53658,-90.37957
Class III Rapids	46.53488,-90.38429
Highway 122 Landing	46.55675,-90.41437

The “Map MO1” link on the Montreal River (MO1) Montreal River Canyon webpage provides the following at https://wisconsintrailguide.com/paddle/pdf/map-montreal.pdf:



Appendix D Level 1 Assessment – Literature Review Iron County Economic Development

Iron County Wisconsin

The Iron County Economic Development website (accessed March 14, 2022) provides a link to recreation, which includes 17 additional links, one of which is “Paddling”. The Paddling link includes additional links for Canoe and Kayak, Bear River, Flambeau River, Manitowish River, Montreal River, Turtle Flowage, and Turtle River Trail. The Canoe and Portage link (https://ironcountywi.com/canoe-and-kayak/) includes information on individual routes and indicates the Montreal River Trail – West Branch as “Expert”. The Montreal River link (https://ironcountywi.com/recreation/canoe-trips/montreal-river/) provides the following:

Appendix E Level 1 Assessment – Literature Review Midwest River Inventory

Midwest River Inventory

Archived website provided by Geocities.org showing a pictorial of the West Fork Montreal River.

https://www.oocities.org/midwestrivers/F-WI-MONTREAL.html (accessed March 9, 2022)

Midwest River Inventory

Montreal River
Montreal, WI (3 miles southwest of Hurley/Ironwood area)

West Fork

Action on the West Fork of the Montreal River starts at *Gile Falls* (above left) where a footbridge crosses the stream (seen in the background, with mining tailings 'mountain' in the distance). The main drop (seen in the left photo) tends to be a sticky pourover which can cartwheel even old-style long boats tight to river-right, while a good river-left 'sneak' presents itself at good boatable levels (as shown in the photo).

Just downstream of the falls, the river meets a wall of rock and is diverted sharply left through a sweet little dells (above right).

After *Gile Falls* you'll encounter a long uninteresting stretch of river until reaching *Rock Cut Falls*. The river is constricted between banks of large boulders, and pours through a series of offset holes, the first of which is shown above left.

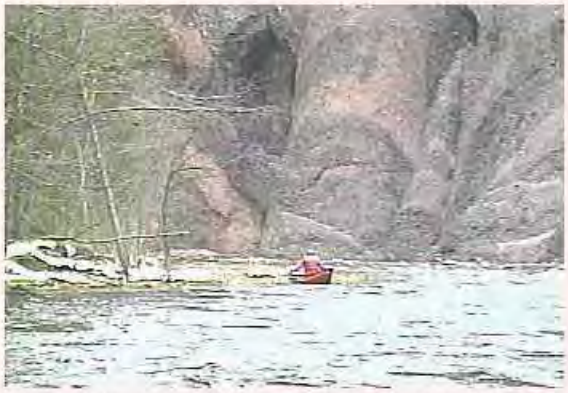
Seen from the former railroad trestle/bridge, *Rock Cut Falls* is a great, long stretch of waves and holes. The photos show the view upstream (above left) and down (above right). The action is quite continuous (class III-IV), save for a brief breather right under the bridge.

Some distance downstream, one of the few areas of some concern is a river-wide ledge/hole (shown above left). A river-right sneak is available to run this, and the rapids which follow.

The final major action on this run occurs as the river enters a small county park. A sweet series of short ledges and waves accelerate the flow toward *Kimball Falls* (above right). As seen from a one-lane bridge which crosses the river into the park, wrapping diagonal waves (over shallow jutting bedrock) precede a large V-shaped hole at the pool below. Boaters can either take out here or proceed an additional mile to culverts at Hwy.2. The remaining action is fun class II-II+, and finishes with a small wave inside the downstream end of the highway culvert.

Montreal Canyon

A run on the Montreal Canyon begins with a steep descent down a long flight of metal stairs (shown above left). At the put-in, the impressive sight of *Saxon Falls* awaits the boater. At low flows, only the river-right falls will have significant water. At moderate flows, the river-left falls kicks in. At higher flows, a narrow center falls (center frame, above right) pours between two towers of rock for a most spectacular sight.



This is one of the Midwest's best scenic play rivers, when you can catch it with good water (minimum about 700cfs, better at 1400-1700cfs). Flanked on alternating sides of the river by tall conglomerate cliffs, the river spills across numerous short ledges to form a great series of waves and holes.

Appendix F Level 1 Assessment – Literature Review AdamMartin.SPACE

AdamMartin.SPACE

The AdamMartin.SPACE website (https://adammartin.space, accessed March 14, 2022) provides photographs and descriptions of the author's outdoor experiences. The author includes information about:

- Gile Falls (https://adammartin.space/2019-gile-falls/)
- Rock Cut Falls (https://adammartin.space/?s=Rock+Cut+Falls
- Kimball Falls (https://adammartin.space/2018-kimball-falls/)
- Saxon Falls (https://adammartin.space/2018-saxon-falls/)
- Superior Falls. (https://adammartin.space/2018-superior-falls/)

The contents of each link above have been screen captured and provided below.

Gile Fall

AdamMartin.SPACE

Photo Blog with Waterfalls, Hiking, Outdoors, and other Adventures

GeoMap Destinations About

Gile Falls

2019-07-04 by Adam Martin

Quick stop but a surprisingly good one at Gile Falls in the very small mining neighborhood of Gile in Montreal, Wisconsin. To be perfectly honest I'm not sure what parts of this area are private property or public (all the maps I find are in disagreement) but there are historic signs for the Penokee Iron Range Trail and footpaths nearest the park. Don't take my word for it – be sure to check for yourself before trespassing if you visit.

It's a relatively short walk to reach the falls and you will hear rushing water quickly. Shown here are the fantastic upper falls as seen from a distance. Again I'm sure you can see this from other angles but public/private property lines are blurred here so I visited only briefly.

And from nearly the same spot here are the lower falls section. The upper falls has a more pronounced single drop whereas the lower part drops farther across a distance of maybe 100 yards. All around here are old businesses and houses – just driving by you would never know this existed!

Video

Here's a short clip of the falls in action. Enjoy!

Lat = 46.4301109 , Long = -90.2269974 -- Show at Google Maps

Rock Cut Falls

AdamMartin.SPACE

Photo Blog with Waterfalls, Hiking, Outdoors, and other Adventures

GeoMap Destinations About

Rock Cut Falls [Failed]

2019-07-04 by Adam Martin

Intentionally failed visiting Rock Cut Falls in Hurley, Wisconsin because I was in the area & wanted to confirm via boots on the ground . Everything is posted "Private Property" and there is no longer public access.

Previously you could access Rock Cut Falls & Rapids via the Iron Horse trail but this is now closed (still mention on the Mercer website but obviously very outdated). Some interesting history & speculation on the topic can be found here.

I'm not quite giving up on this one yet. Kayak access is still a possibility but I need much more research & practice (IMPORTANT: This area is reportedly quite dangerous, don't try this at home!). For now this is just a dream.

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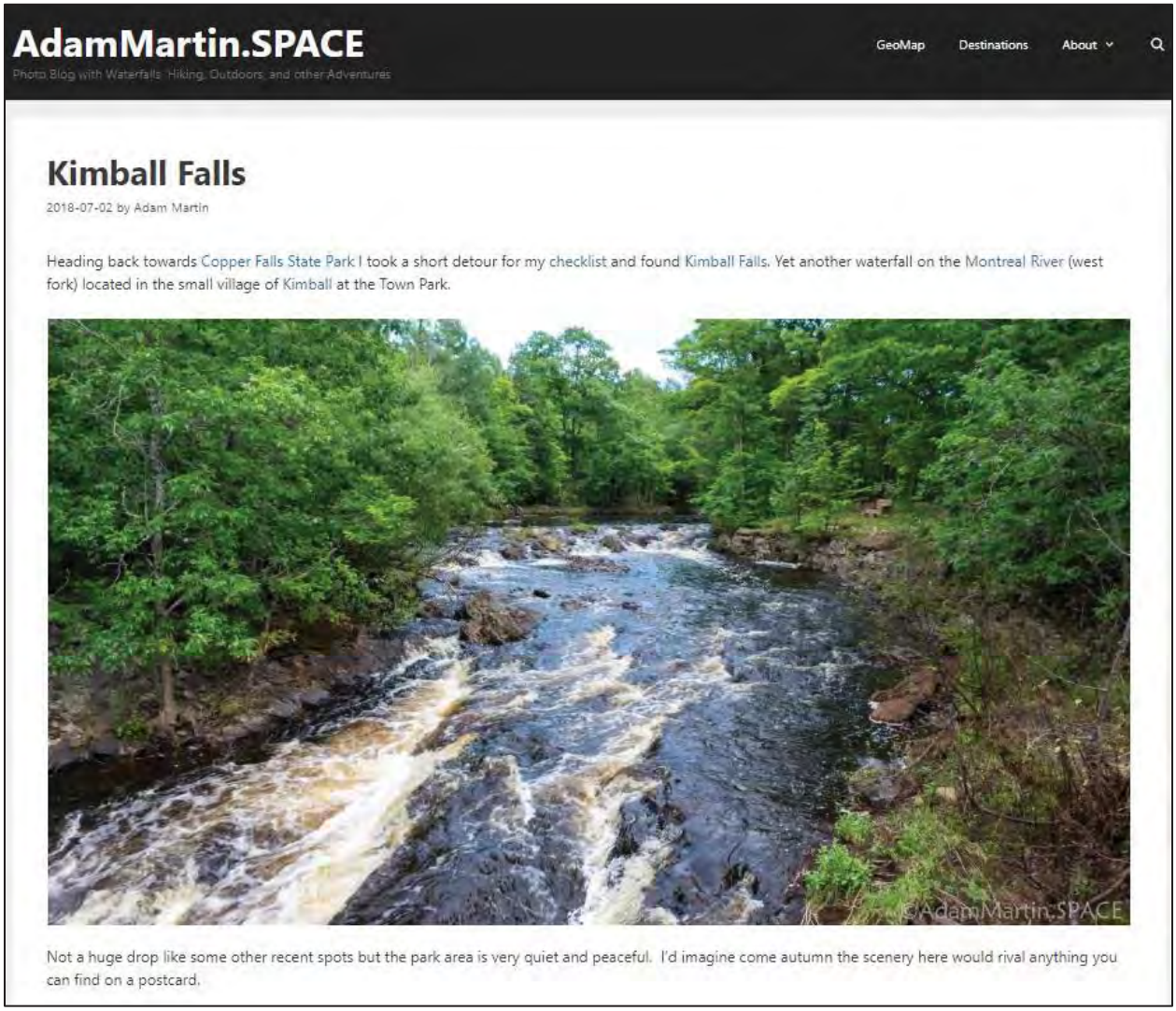
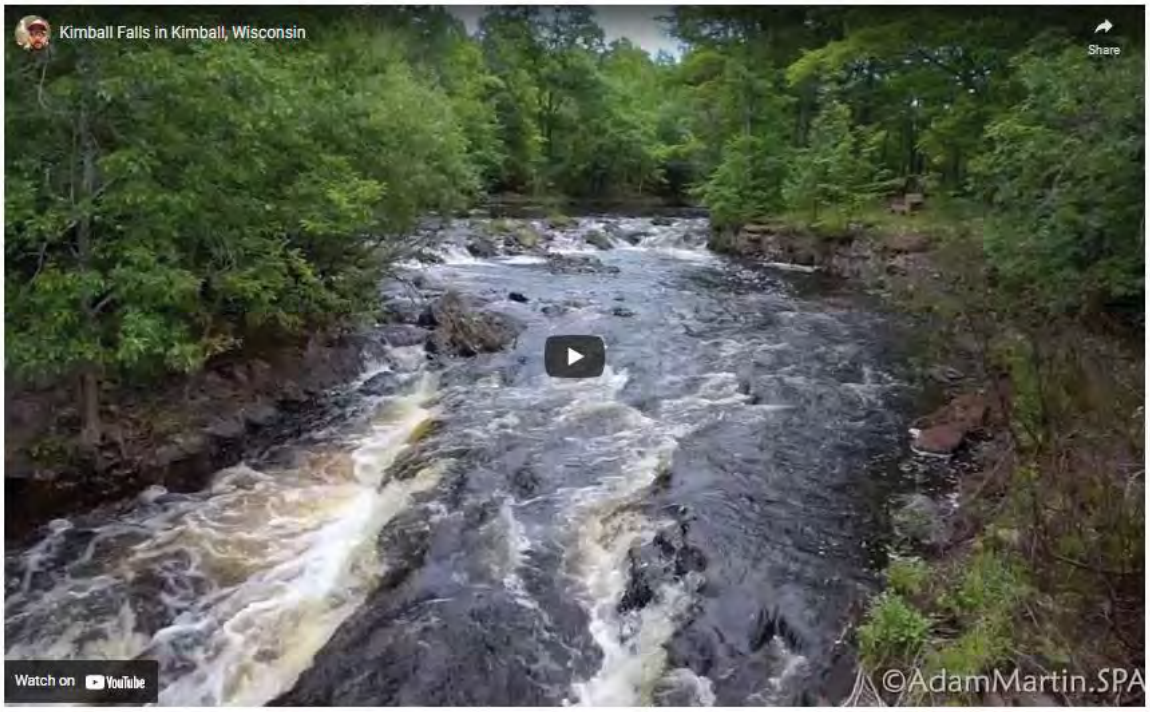
Kimball Falls

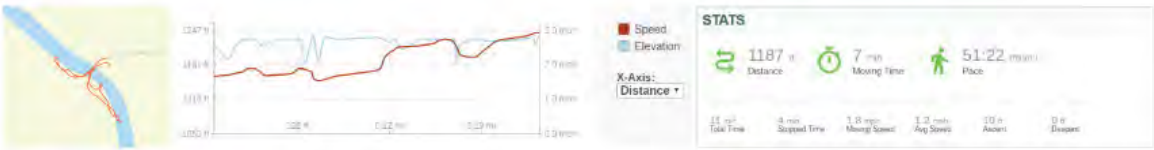


Short video of the falls in each direction:



Hiking Data

Not much of a hike – just a short stroll through Kimball's Town Park. Super easy to access and doesn't appear to get many visitors so you will likely have the place to yourself.



Lat = 46.4858398 , Long = -90.2634125 -- Show at Google Maps

Saxon Falls

AdamMartin.SPACE

Photo Blog with Waterfalls, Hiking, Outdoors, and other Adventures

GeoMap Destinations About

Saxon Falls

2018-07-02 by Adam Martin

Heading farther north and closer to the city of Hurley, Wisconsin I found myself at a hydro-power dam that I thought was a waterfall. Thankfully one of the trail signs cleared up my mistake and confirmed I was near Saxon Falls. Pipes leading from the hydro dam cross the Montreal River into Michigan and eventually meet up with a powerhouse closer to the real falls.

This area is quite beautiful with a mix of trees favoring pines. Needles cover much of the trail and the micro-climate from the river is cooler and pleasant.

Hard to photograph the trees, but as the trail nears completion you start to get glimpses of the falls through the branches.

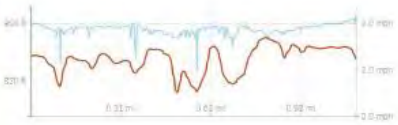
A hundred yards down, another opening in the trees and the full top section appears.

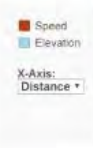
Just a little further the trail ends with a spectacular view of the full falls.

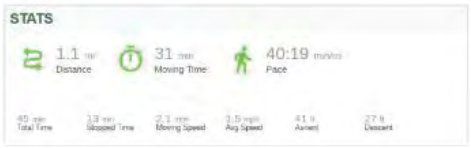
Notice in the center the water turns sharply 90 degrees and bends back downwards for the final drop. Hard to photograph that section but can be seen in the video below.

Hiking Data

Overall this is a relatively easy hike as far as physical exertion is concerned. I would caution anyone with a fear of heights (or dying) be careful near the cliff edges – seems quite easy to get close to the edge with a sense of misguided comfort while enjoying the views. Otherwise this one is quite a hidden gem!







Lat = 46.5360336 , Long = -90.3791122 -- Show at Google Maps

Superior Falls

Superior Falls

2018-07-02 by Adam Martin

Not far from Saxon Falls is another waterfall that many of the locals suggest visiting. Also located on the Montreal River at the point it flows into Lake Superior is the aptly named Superior Falls. I wasn't aware at the time you could view the falls from above, so my trip details hiking to the bottom. To get there, it takes hiking down a huge hill covered in a rough concrete runoff, around a hydro power mill, and across a rock beach that is very uneven.

View from the main rock beach is impressive but I wanted to see more.

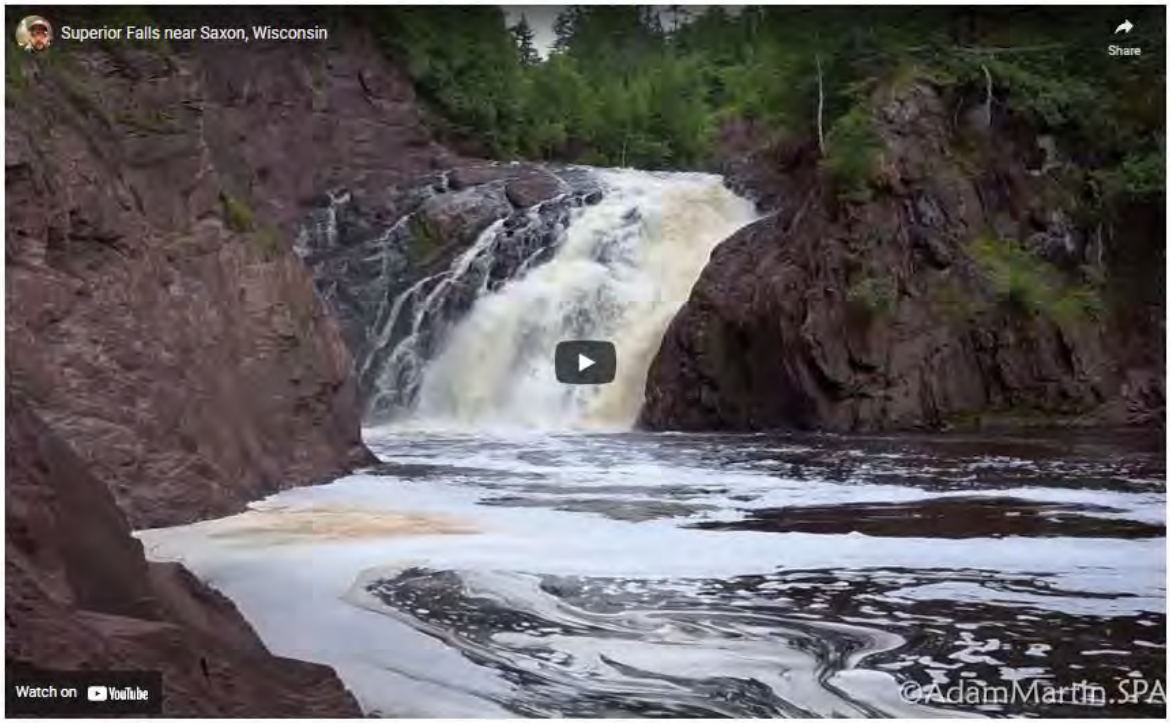
Here's where the pucker factor amps up: to reach the final alcove for a front-on view of the falls, you have to become something of a tight-rope walker and carefully make your way along the rocks. One missed step and you go into the water and possibly get hurt. I forgot all my dry bags in the car – realized this when half-way around the bend!

Views are getting more impressive...

Looking up at the large rock cliffs. Shear pattern of these rocks is very interesting, almost cubic. Wouldn't want to be here when boulders fall!

Final view of the falls from a frontal perspective. Monday night at 5pm – I had the entire place to myself.

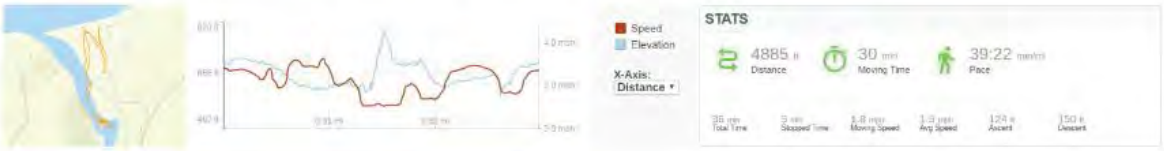
Here's a short 1 minute video at this farthest point of the lower viewpoint.



One final view of Lake Superior before hiking back up that brutal concrete sludge hill. The Montreal River is the state boundary line here – directly behind me 180° is Michigan.

Hiking Data

Not a very long hike, but the main hill down to the river/lake was not particularly fun after hiking all day. Nothing here is flat and even, and I find these kind of rocky conditions are always the most exhausting. Still totally worth it and I would go again!



Lat = 46.5624504 , Long = -90.415741 -- Show at Google Maps

Appendix G Level 1 Assessment – Hydrological Assessment

USGS Gages along the West Fork

- USGS 04028987 WEST FORK MONTREAL RIVER @ CENTER DR NR HURLEY, WI
- USGS 04029000 WEST BRANCH MONTREAL RIVER AT GILE, WI
- USGS 04029500 WEST BRANCH MONTREAL RIVER NEAR KIMBALL, WI

The USGS 04028987 gage description is shown below as a screen capture:

DESCRIPTION:

Latitude 46°28'18.6", Longitude 90°15'29.2" NAD83
Iron County, Wisconsin, Hydrologic Unit 04010302
Datum of gage: 1,298 feet above NAVD88.

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Revisions	Unavailable (site:0) (timeseries:0)		

OPERATION:

Record for this site is maintained by the USGS Wisconsin Water Science Center
Email questions about this site to Wisconsin Water Science Center Water-Data Inquiries

The USGS 04029000 gage description is shown below as a screen capture:

DESCRIPTION:

Latitude 46°25'35", Longitude 90°13'35" NAD27
Iron County, Wisconsin, Hydrologic Unit 04010302
Drainage area: 78.00 square miles
Datum of gage: 1,468.00 feet above NGVD29.

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Daily Data			
Discharge, cubic feet per second	1918-04-25	1947-09-29	4602
Daily Statistics			
Discharge, cubic feet per second	1918-04-25	1947-09-29	4602
Monthly Statistics			
Discharge, cubic feet per second	1918-04	1947-09	
Annual Statistics			
Discharge, cubic feet per second	1918	1947	
Peak streamflow	1918-05-28	1947-06-15	13
Field measurements	1918-04-25	1947-07-22	65

OPERATION:

Record for this site is maintained by the USGS Wisconsin Water Science Center
Email questions about this site to Wisconsin Water Science Center Water-Data Inquiries

The USGS 04029500 gage description is shown below as a screen capture:

DESCRIPTION:

Latitude 46°30'09", Longitude 90°16'30" NAD27
Iron County, Wisconsin, Hydrologic Unit 04010302
Drainage area: 96.00 square miles

AVAILABLE DATA:

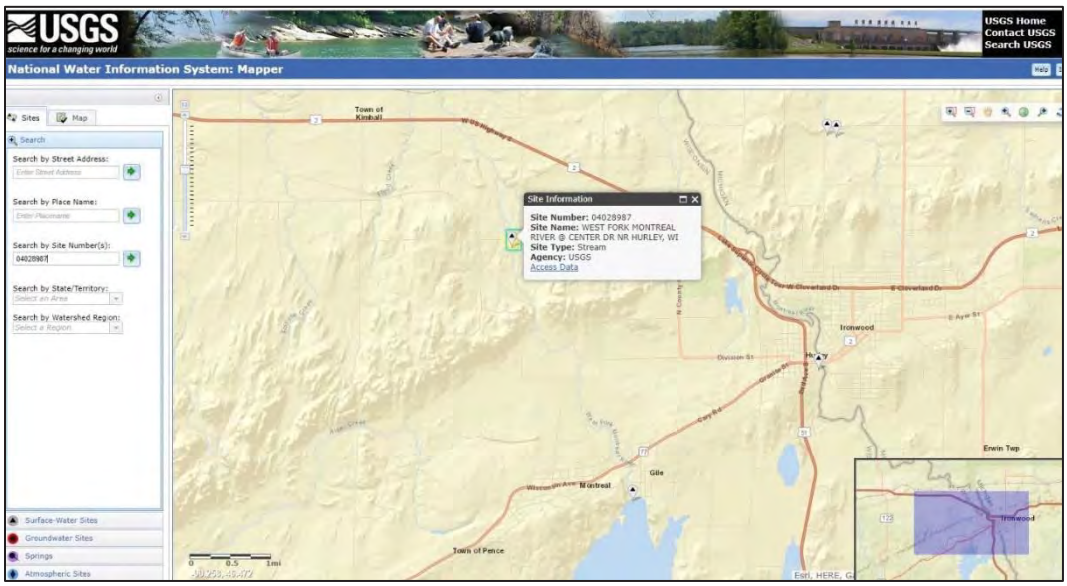
Data Type	Begin Date	End Date	Count
Daily Data			
Discharge, cubic feet per second	1924-06-26	1925-12-07	530
Daily Statistics			
Discharge, cubic feet per second	1924-06-26	1925-12-07	530
Monthly Statistics			
Discharge, cubic feet per second	1924-06	1925-12	
Annual Statistics			
Discharge, cubic feet per second	1924	1926	

OPERATION:

Record for this site is maintained by the USGS Wisconsin Water Science Center
Email questions about this site to Wisconsin Water Science Center Water-Data Inquiries

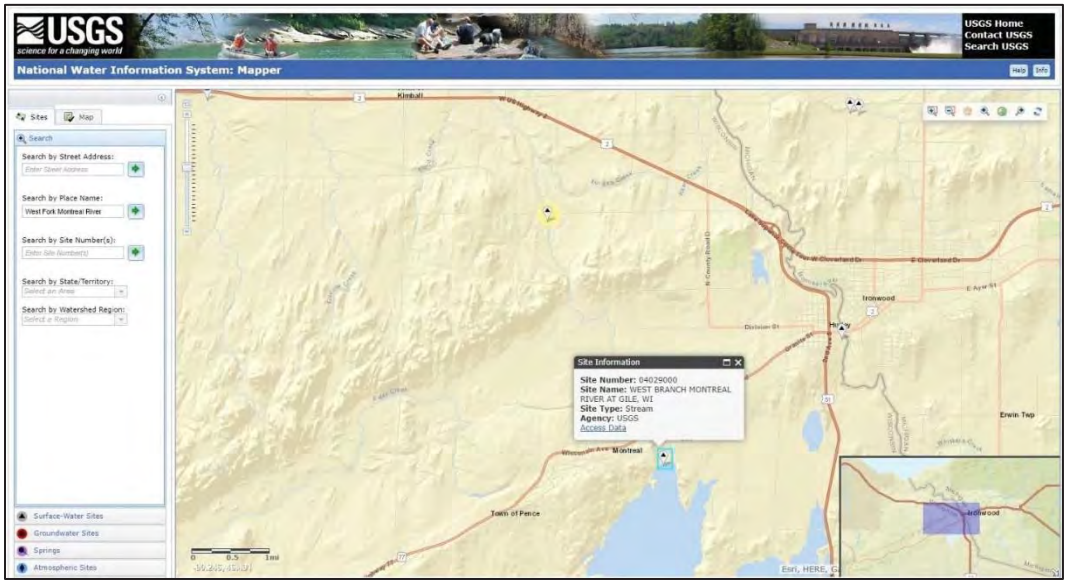
The USGS NWIS website indicates USGS Gages 04028987, 04029000, and 04029500 are maintained by the USGS Wisconsin Water Science Center. The USGS Wisconsin Water Science Center website was accessed March 16, 2022, at https://www.usgs.gov/centers/upper-midwest-water-science-center, which provides a link to the National Water Information System (NWIS) Mapper. The NWIS Mapper was accessed March 16, 2022, at https://maps.waterdata.usgs.gov/mapper/index.html, to determine the locations of USGS Gages 04028987, 04029000, and 04029500.

The location of USGS Gage 04028987 is shown below as a screen capture:



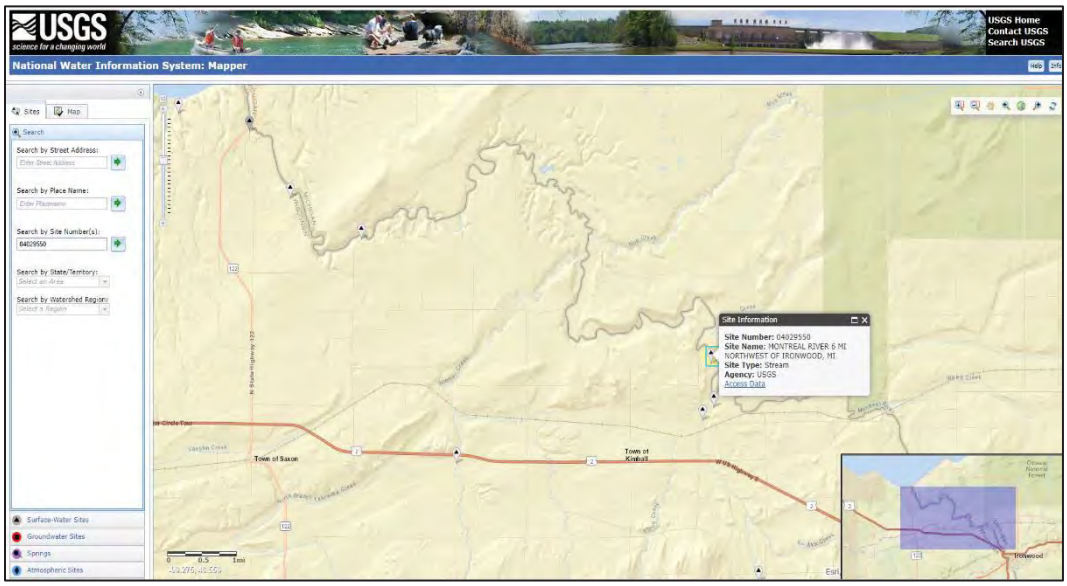
When the “Access Data” link is chosen, the website routes back to USGS 04028987 WEST FORK MONTREAL RIVER @ CENTER DR NR HURLEY, WI. NSPW concludes no data for USGS Gage 04028957 is readily available.

The location of USGS Gage 04029000 is shown below as a screen capture:



When the “Access Data” link is chosen, the website routes back to USGS 04029000 WEST BRANCH MONTREAL RIVER AT GILE, WI. NSPW concludes no data for USGS Gage 04029000 is readily available.

The location of USGS Gage 04029500 is shown below as a screen capture:



When the “Access Data” link is chosen, the website routes back to USGS 04029500 WEST BRANCH MONTREAL RIVER NEAR KIMBALL, WI. NSPW concludes no data for USGS Gage 04029500 is readily available.

USGS Gages along the Montreal

- USGS 04028500 MONTREAL RIVER NEAR KIMBALL, WI
- USGS 04029550 MONTREAL RIVER 6 MI NORTHWEST OF IRONWOOD, MI
- USGS 04029990 MONTREAL RIVER AT SAXON FALLS NEAR SAXON, WI

The USGS 04028500 gage description is shown below as a screen capture:

DESCRIPTION:

Latitude 46°30'18", Longitude 90°16'18" NAD27
Iron County, Wisconsin, Hydrologic Unit 04010302
Drainage area: 98.60 square miles

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Daily Data			
Discharge, cubic feet per second	1924-06-26	1925-12-07	530
Daily Statistics			
Discharge, cubic feet per second	1924-06-26	1925-12-07	530
Monthly Statistics			
Discharge, cubic feet per second	1924-06	1925-12	
Annual Statistics			
Discharge, cubic feet per second	1924	1926	
Field measurements	1924-06-26	1925-07-27	15

OPERATION:

Record for this site is maintained by the USGS Wisconsin Water Science Center
Email questions about this site to Wisconsin Water Science Center Water-Data Inquiries

The USGS 04029550 gage description is shown below as a screen capture:

DESCRIPTION:

Latitude 46°30'48", Longitude 90°16'21" NAD27
Gogebic County, Michigan, Hydrologic Unit 04010302

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Field measurements	1967-07-27	1967-07-27	1
Revisions	Unavailable (site:0) (timeseries:0)		

OPERATION:

Record for this site is maintained by the USGS Michigan Water Science Center
Email questions about this site to Michigan Water Science Center Water-Data Inquiries

The USGS 04029990 gage description is shown below as a screen capture:

DESCRIPTION:

Latitude 46°32'13", Longitude 90°22'47" NAD27
Iron County, Wisconsin, Hydrologic Unit 04010302
Drainage area: 262 square miles

AVAILABLE DATA:

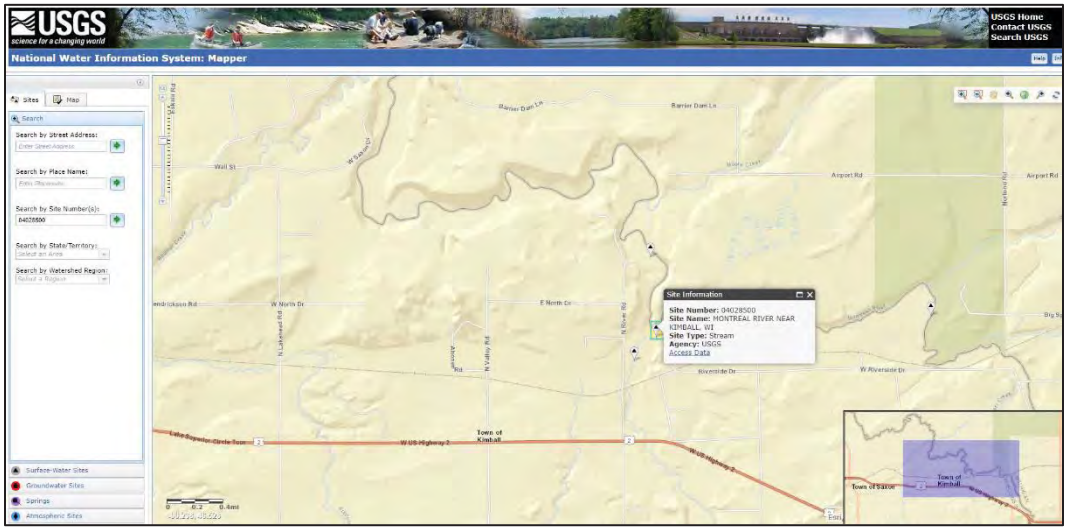
Data Type	Begin Date	End Date	Count
Daily Data			
Discharge, cubic feet per second	1986-10-01	2017-09-29	11322
Daily Statistics			
Discharge, cubic feet per second	1986-10-01	2017-09-29	11322
Monthly Statistics			
Discharge, cubic feet per second	1986-10	2017-09	
Annual Statistics			
Discharge, cubic feet per second	1987	2017	
Peak streamflow	1939-04-26	2016-07-12	61
Field measurements	1938-09-12	2017-08-23	148
Field/Lab water-quality samples	2011-08-09	2011-08-09	1
Water-Year Summary	2006	2017	12

OPERATION:

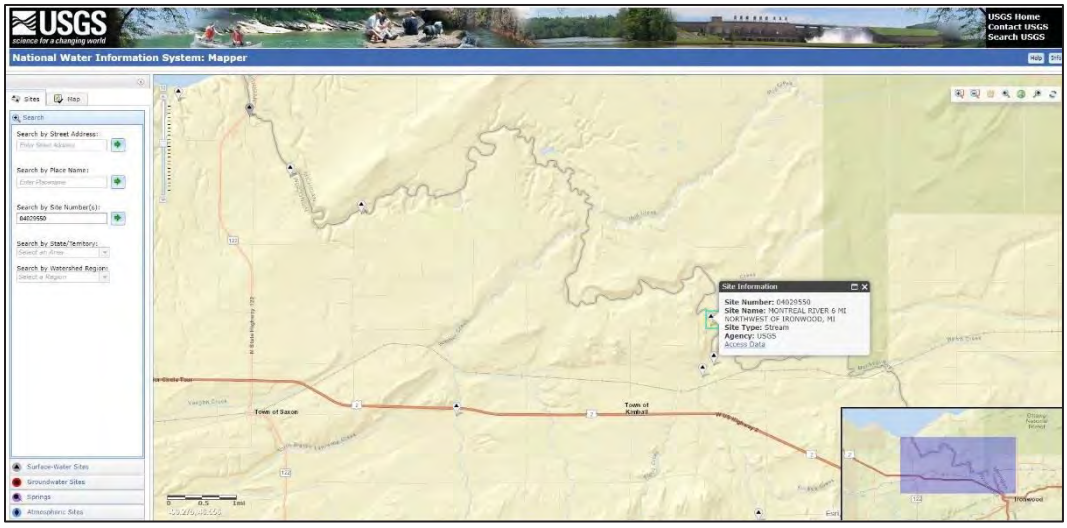
Record for this site is maintained by the USGS Wisconsin Water Science Center
Email questions about this site to Wisconsin Water Science Center Water-Data Inquiries

The USGS NWIS website indicates USGS Gages 04028500, 04029550, and 04029990 are maintained by the USGS Wisconsin Water Science Center. The USGS Wisconsin Water Science Center website was accessed March 16, 2022, at https://www.usgs.gov/centers/upper-midwest-water-science-center, which provides a link to the National Water Information System (NWIS) Mapper. The NWIS Mapper was accessed March 16, 2022, at https://maps.waterdata.usgs.gov/mapper/index.html, to determine the locations of USGS Gages 04028500, 04029550, and 04029990.

The location of USGS Gage 04028500 is shown below as a screen capture:

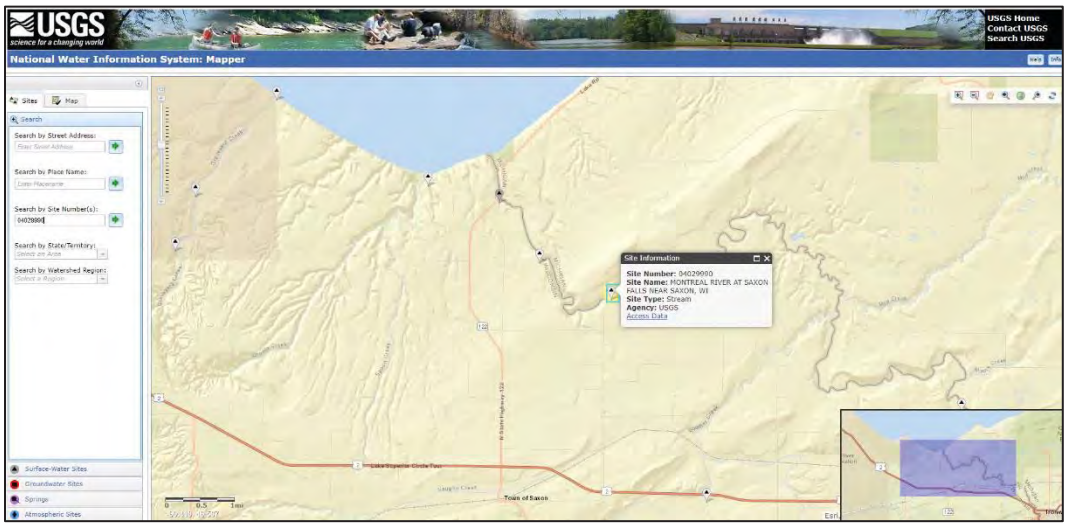


When the "Access Data" link is chosen, the website routes back to USGS 04028500 MONTREAL RIVER NEAR KIMBALL, WI. NSPW concludes no data for USGS Gage 04028500 is readily available.
The location of USGS Gage 04029550 is shown below as a screen capture:



When the “Access Data” link is chosen, the website routes back to USGS 04029550 MONTREAL RIVER 6 MI NORTHWEST OF IRONWOOD, MI. NSPW concludes no data for USGS Gage 04029550 is readily available.

The location of USGS Gage 04029990 is shown below as a screen capture:



When the “Access Data” link is chosen, the website routes back to USGS 04029990 MONTREAL RIVER AT SAXON FALLS NEAR SAXON, WI. NSPW concludes no data for USGS Gage 04029990 is readily available.

Appendix H Level 1 Assessment – Correspondence

Jen Schuetz

From: Jen Schuetz <jen.schuetz@meadhunt.com>
Sent: Monday, May 9, 2022 11:54 AM
To: jake@ringoproductions.com
Cc: Jen Schuetz
Subject: Whitewater Boating Study for the Gile
Attachments: GileWhitewaterStudy_ClassIV_Reach_Level 1_2_3.pdf

Categories: Filed by Newforma

Hello Jake:

I am assisting Northern States Power Company - Wisconsin dba Xcel Energy (Xcel) with a whitewater boating study for the Gile Flowage Storage Project (Gile), which will be similar to the study you participated in for the Saxon Falls in May 2021.

Xcel is planning to conduct the study on three reaches between the Gile Dam and Kimball Town Park (map attached). A fourth reach may be included from Kimball Town Park to US Hwy 2 based on boater input/interest.

We are hoping you will be able to participate in the Gile study, your participation was fundamental to the success of the Saxon Falls study.

Xcel is tentatively planning the Gile study for Saturday, June 11, 2022, with the potential of a second day (if needed) on Sunday, June 12, 2022.

Questions for you:

1. Are you available to participate on June 11-12?
2. If these days will not work, what are other options that will fit your schedule/availability?
    a. We are aiming for a weekend study to accommodate participant travel time. A weekday study is possible if it works for participants.
    b. The following dates do not work on our end to conduct the study: June 18-19, June 25-26, or July 1-4.
3. Are you able to locate nine or more boaters that would be available/interested in the study?
    a. Study protocol requires a minimum of 10 participants.
4. Do you have an idea of an appropriate starting flow?
    a. Study protocol states each reach will be boated under two or three different flow releases ranging between 600 - 1,000 cfs.

I look forward to hearing from you. Please let me know if you have any questions or would like more information.

Thank you,

Jen

JEN SCHUETZ
GIS AND COMPLIANCE SPECIALIST, WATER
(She, Her, Hers)
Mead & Hunt
Direct: 608-443-0460 | Transfer Files
meadhunt.com | LinkedIn | Twitter | Facebook | Instagram

Jen Schuetz

From: Jake Ring <jake@ringoproductions.com>
Sent: Monday, May 9, 2022 12:02 PM
To: Jen Schuetz
Cc: Jen Schuetz
Subject: RE: Whitewater Boating Study for the Gile

Categories: Filed by Newforma

Hi Jen,

That weekend works for me. I will put out a notice to regional whitewater paddlers and should be able to get 9 or more people to participate.
I will survey the interested paddlers and paddlers who have boated this section and see what the consensus is for optimal flow range.

What other questions do you have for me? Always happy to help.

Jake

Jen Schuetz

From: Jen Schuetz <jen.schuetz@meadhunt.com>
Sent: Tuesday, May 24, 2022 11:47 AM
To: Okeefe@AmericanWhitewater.org; tokey_boswell@nps.gov; susan_rosebrough@nps.gov; David Thomson (dave_thomson@NPS.gov); lillian_jonas@contractor.nps.gov; angietornes@gmail.com
Cc: Miller, Matthew J; Crotty, Scott A; Shawn Puzen; Darrin Johnson; Jen Schuetz
Subject: Gile Flowage Project Whitewater Recreation Flow Study
Attachments: Gile Whitewater Study_Level 3 Assessment Map.pdf

Categories: Filed by Newforma

Hello:

Per the Federal Energy Regulatory Commission Study Plan Determination for the Gile Flowage Project dated September 24, 2021, Northern States Power Company, a Wisconsin Corporation (NSPW) will be conducting a Level 1, Level 2, and Level 3 Assessment (Whittaker et al., 2005) for a whitewater flow study at the Gile Project on Saturday, June 11, 2022. Boaters will gather at the Gile Park parking lot prior to the start of the Level 2 and Level 3 Assessments, which are anticipated to start at 10 am local time.

Level 1 Assessment

The Level 1 Assessment has been completed for the three reaches on the West Fork Montreal River from Gile Dam to Kimball Town Park. The initial study report will include a summary of literature reviewed, the hydrologic assessment, and transcripts and notes from interviews with recreationists and stakeholders. Based upon the Level 1 Assessment, flows between 600 - 1,000 cfs are being targeted for the Level 2 and Level 3 Assessments, which are scheduled to be completed on June 11, 2022.

For the West Fork Montreal River reach downstream of US Highway 2 to the confluence with the Montreal River and on the Montreal River reach from the confluence to the Saxon Falls Project, NSPW will collect existing river recreation information, including other class I/II boating opportunities in the project area, public access locations and constraints to public access, and the physical attributes of the reaches from the boaters attending the Level 3 Assessment. Hydrology information will be assembled independently by NSPW for the initial study report.

Level 2 Assessment - Gile Dam to Kimball Town Park

As part of the initial Level 2 assessment in consultation with Jake Ring, flow releases for the Level 3 Assessment are anticipated between 600 – 1,000 cfs. The actual flow releases will be determined on site as part of the limited reconnaissance prior to the start of the Level 3 Assessment. NSPW has determined it is unable to resolve inconsistencies with the 2007 study unless the dates of the boating experiences rated in the 2007 study are provided by American Whitewater.

Level 3 Assessment – Gile Dam to Kimball Town Park

The Level 3 Assessment will involve a minimum of ten boaters; NSPW is currently working with Jake Ring, to assemble a boater participant list.

Boaters will evaluate up to three varying flow releases on three reaches between the Gile Dam and Kimball Town Park along the West Branch Montreal River (see attached map). The actual flow releases will be determined on site as part of the Level 2 Assessment (Limited Reconnaissance) prior to the start of the Level 3 Assessment. Water will be released from the Gile Flowage for each flow evaluated for the Level 3 Assessment.

Boaters will begin each Level 3 Assessment run at the Gile Dam and will take-out at three locations to assess the flow using a provided evaluation form. The take-out locations were determined based on the Level 1 Assessment.

Based on information gathered for the Level 2 Assessment, it was determined the Rock Cut Falls (Railroad Rapids) currently has a log jam. This area is known to collect snags (American Whitewater). If the area continues to be impassable during the study, it will have to be portaged by the boaters and noted on the evaluation forms.

Additional Information

If you have boater recommendations for this study, information beneficial for the Level 1 Assessment of the reaches downstream of US Highway 2, additional information beneficial for the Level 2 Assessment, or additional date information for the 2007 study, please send the information to Jen Schuetz with Mead & Hunt at jen.schuetz@meadhunt.com.

Any boater planning to attend or participate in the study will need to RSVP to Jen Schuetz with Mead & Hunt at jen.schuetz@meadhunt.com no later than June 3, 2022 to ensure the correct number of liability waivers and evaluation forms are available. If there are not enough liability waivers or evaluation forms available, a boater may not be able to participate in the study.

Gile Park Meeting Location

14 Park Street, Gile, WI 54525
Latitude: 46.425635°
Longitude: -90.224094°

You are also hereby invited to attend and observe the study. If you plan to attend, an RSVP is appreciated.

Thank you.

JEN SCHUETZ
GIS AND COMPLIANCE SPECIALIST, WATER
(She, Her, Hers)
Mead & Hunt
Direct: 608-443-0460 | Transfer Files
meadhunt.com | LinkedIn | Twitter | Facebook | Instagram

Jen Schuetz

From: Miller, Matthew J <Matthew.J.Miller@xcelenergy.com>
Sent: Wednesday, May 25, 2022 12:14 PM
To: Cathy Techtmann (cathyt220@hotmail.com)
Cc: Jen Schuetz; Shawn Puzen; Darrin Johnson; Crotty, Scott A
Subject: Whitewater Study

Categories: Filed by Newforma

Hello Cathy,

Xcel Energy is planning to conduct a Whitewater Flow Study below the Gile Dam on **June 11 and 12**. There will likely be a modest drop in the reservoir elevation (≈ 2"-3") during the flow releases. Below is an excerpt from the study plan. Can you please share this information with the Friends of the Gile? Let me know if you have questions.

Excerpt from Gile Whitewater Flow Study

Study Area

The study area, as identified in the Study Plan, will include three or four reaches along the West Fork Montreal River from the Gile Dam downstream to Kimball Town Park or U.S. HWY 2, as follows:

- Reach 1 – Gile Dam to South Drive Bridge (2.07 miles)
- Reach 2 – South Drive Bridge to Center Drive Bridge (2.62 miles)
- Reach 3 – Center Drive Bridge to Kimball Town Park (1.15 miles)
- Reach 4 – Kimball Town Park to U.S. HWY 2 (0.84 miles)

Study Flows

Each river reach will be boated under two or three different flow releases ranging between 600 - 1,000 cubic feet per second (cfs). Discussions about preferred flows during the Level 2 Study will be considered when determining actual flow releases to be used for the Level 3 Study. Flow releases will be calculated based on spillway gate settings at the Gile Dam so that releases can be duplicated in the future.

Study Participants

A minimum of ten volunteer boaters will be identified through coordination with local boater, Jake Ring. American Whitewater and the National Park Service will be notified at least two weeks prior to the study date so each agency may recruit additional volunteer boaters.

Boater Evaluations

Evaluation forms will be developed for use during the Level 3 Study and will include the following:

- Boater Background Information: gather information about boater skill level and preferences.
- Boater Post-Run Evaluation:
  - One form for each reach (3) and each flow release (3), for a total of 9 evaluations per boater.
  - Gather information on difficulty, enjoyment, satisfaction, navigability, challenges, portages, and safety.
- Comparative Flow Evaluation: gather information on overall experience, preferred flow releases, boating dates, and flow communication methods.

At the conclusion of each run, boaters will be asked to participate in a focus group discussion. Topics of discussion may include the following:

- Access to and use of put-in and take-out locations.
- Identification of additional access points, if needed.
- Optimal and minimum flow releases for boating.
- Ideal time of year for boating this reach.
- Reach characteristics, such as local names for rapids or features.

- Difficulty rating (Class I-V) and suitability for different types of watercraft.
- Safety concerns along the reach.
- Other boating resources in the area and how they compare.

Matthew Miller
Xcel Energy
Environmental Analyst
1414 W. Hamilton Ave., P.O. Box 8, Eau Claire, WI 54702
P: 715.737-1353 **F**: 715.737.1077
E: matthew.j.miller@xcelenergy.com

XCELENERGY.COM

Jen Schuetz

From: Cathy Techtmann <cathyt220@hotmail.com>
Sent: Wednesday, May 25, 2022 3:04 PM
To: Miller, Matthew J
Cc: Jen Schuetz; Shawn Puzen; Darrin Johnson; Crotty, Scott A
Subject: Re: Whitewater Study

Hi Matt:

Yes, I would be happy to share this info through the FOG network. We have an annual meeting coming up this Saturday and I can share the news there and also through an email blast to members.

Will you be putting out a press release on the water level drop to the local media?

Cathy

Jen Schuetz

From: Miller, Matthew J <Matthew.J.Miller@xcelenergy.com>
Sent: Thursday, May 26, 2022 1:18 PM
To: Cathy Techtmann
Cc: Jen Schuetz; Shawn Puzen; Darrin Johnson; Crotty, Scott A
Subject: RE: Whitewater Study

We had not planned for a press release. I can discuss with our media folks.

Jen Schuetz

From: Thomas O'Keefe <okeefe@americanwhitewater.org>
Sent: Wednesday, June 8, 2022 2:54 PM
To: Jen Schuetz
Cc: tokey_boswell@nps.gov; susan_rosebrough@nps.gov; David Thomson (dave_thomson@NPS.gov); lillian_jonas@contractor.nps.gov; angietornes@gmail.com; Miller, Matthew J; Crotty, Scott A; Shawn Puzen; Darrin Johnson; Jake Ring
Subject: Re: Gile Flowage Project Whitewater Recreation Flow Study

Categories: Filed by Newforma

Jen,

Thank you for the update and information. I will not be able to make it out for this but have communicated with Jake Ring and understand he anticipates sufficient turn out. Given that, I have not done any further promotion but please let me know if you need additional assistance in identifying qualified boaters. I am unclear on the meaning of this comment: "NSPW has determined it is unable to resolve inconsistencies with the 2007 study unless the dates of the boating experiences rated in the 2007 study are provided by American Whitewater." Could you clarify what inconsistencies you are trying to resolve.

I don't believe I have seen the survey instrument you will be using. My apologies if I have missed it but could you please circulate that.

The target flow range sounds right to me with the caveat you have to refine based on perspectives of those on site.

Your plan for Rock Cut Falls makes sense to me. If that site does require a portage, boaters should still do a land-based assessment of the rapid during the capture—i.e. please make sure you capture boater perspectives on attributes of the rapid at the various flows even if they are not able to run it.

Thank you,

Tom

Thomas O'Keefe, PhD
Pacific Northwest Stewardship Director
American Whitewater
3537 NE 87th St.
Seattle, WA 98115
425-417-9012
okeefe@americanwhitewater.org
@AmerWhitewater

Jen Schuetz

From: Jonas, Lilian M <lilian_jonas@contractor.nps.gov>
Sent: Thursday, June 9, 2022 6:08 PM
To: Jen Schuetz
Subject: RE: [EXTERNAL] RE: Gile Flowage Project Whitewater Recreation Flow Study

Categories: Filed by Newforma

Hello Jen,

Thank you for identifying the email issue and forwarding me the email string between you and Thomas O'Keefe. Unfortunately, I cannot attend the whitewater boating study (I'm located in N. California), but I remain active on the Project representing the National Park Service and plan to review and comment on the study report for the whitewater recreation flow study. I hope that everyone has a safe and productive trip down the W. Fork Montreal River.

Lil Jonas

Lilian M. Jonas, Ph.D.
Jonas Consulting
541-441-5045

Appendix I Level 1 Assessment – Gile Flowage Vicinity Whitewater Recreation Questionnaire

Boater participant, please complete the following:

Name:	
Affiliation:	
Zip Code:	
Email:	
Years of Experience:	

LEVEL 1 ASSESSMENT, *WEST FORK MONTREAL RIVER* (Map 1)

REACH: US HIGHWAY 2 to MONTREAL RIVER CONFLUENCE (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated the *West Fork Montreal River*? Yes ☐ No ☐
   a. If yes, how often do you use the West Fork Montreal River for whitewater recreation?

   b. If yes, which reach of the West Fork Montreal River do you use for whitewater recreation?
      - Reach 1: Gile Dam to US Highway 2 (yes or no)
      - Reach 2: US Highway 2 to the confluence with the Montreal River (yes or no)

   c. If yes, where do you access the West Fork Montreal River for whitewater recreation?

   d. Is there suitable access downstream of US Highway 2 to the confluence with the Montreal River for Class I/II boating opportunities?
      - If yes, where?
      - If no, where would you recommend locating an acceptable access point?

2. If you have used the West Fork Montreal River for whitewater recreation from US Highway 2 to the confluence with the Montreal River (as indicated in 1.b): (if no, skip to 3)
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of the West Fork Montreal River make it suitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

4. What characteristics, if any, of the West Fork Montreal River make it unsuitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

5. Additional comments, if any, for the West Fork Montreal River:

LEVEL 1 ASSESSMENT, *MONTREAL RIVER* (Map 2)

REACH: MONTREAL RIVER CONFLUENCE TO SAXON FALLS PROJECT (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated this reach of the *Montreal River*? Yes ☐ No ☐
   a. If yes, how often do you use this reach for whitewater recreation?

   b. If yes, where do you access this reach for whitewater recreation?

   c. Is there suitable access to this reach for Class I/II boating opportunities?
      - If yes, where?

      - If no, where would you recommend locating an acceptable access point?

2. If you have used this reach for whitewater recreation:
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of this reach make it suitable for whitewater recreation?

4. What characteristics, if any, of this reach make it unsuitable for whitewater recreation?

LEVEL 1 ASSESSMENT, BOATING OPPORTUNITIES IN THE AREA (Map 3)

Map 3 shows the watershed boundary for the Gile Project. Are you familiar with other Class I/II boating opportunities within or in the vicinity of the watershed boundary?

If yes, use the space below to provide information on those opportunities, such as location or name, river characteristics, estimated flows, public access availability or constraints, and any other information that may help characterize other Class I/II boating opportunities in this area.

Thank you for participating in the Level 1 Assessment for the Gile Project

Generally accepted whitewater difficulty class definitions:

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

Map 1

Gile Flowage Storage Reservoir Project
FERC Project No. 15055)

West Fork of the Montreal River
Iron County, Wisconsin

Whitewater Recreation Flow Study
West Branch of the Montreal River
Class I/II Whitewater Boating Reach

Reach: USH 2 Bridge to Confluence with Montreal River
Study: Level 1

Motnreal River

Confluence Montreal River
(Class I/II Reach end)

Montreal River

Dock - Private

N River Rd

1201 ft

1160 ft

Canadian National

Riverside Dr

1150 ft

Railroad Bridge

West Fork Montreal River

0.46 miles

1165 ft

1150 ft

1182 ft

USH 2 Bridge
(Class I/II Reach start)

Lake Superior Circle Tour

2

Whitewater Study Points of Interest

- US Hwy 2
- Montreal River Confluence
- Bridge - Railroad
- Dock - Private

N

0 0.05 0.1 0.15 0.2

Miles

Map Note:
The distances between successive points of interest are indicated on the map in miles and are approximate. Distances were calculated using hydrographic data available on the Wisconsin Department of Natural Resources GIS Open Data Portal (data accessed March 2022). Topographic Map Source - ESRI

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Map 2

Gile Flowage Storage Reservoir Project FERC Project No. 15055)

West Fork of the Montreal River Iron County, Wisconsin

Whitewater Recreation Flow Study
Montreal River
Class I/II Whitewater Boating Reach

Reach: West Branch Confluence with Montreal River to Saxon Falls Dam
Study: Level 1

Saxon Falls Dam
(Class I/II Reach start)

Montreal River

MICHIGAN

WISCONSIN

Collins Creek

Mud Creek

Barnes Dam Ln

Barnes Dam Ln

W Niemi Rd

Eskola Rd

Hurtola Rd

Wall St

Wall St

Boomer Creek

W Saxon Dr

Chimon Rd

N Lakehead Rd

Saari Dr

W Hendrickson Rd

Hendrickson Rd

W Hendrickson Rd

W North Dr

Payette Rd

Canadian National

Boomer Creek

Fourcha Creek

Canadian National

N Valley Rd

Ahonen Rd

Montreal River

Airport Rd

Moore Creek

N River Rd

E North Dr

Dahlstecka Dr

Flood Creek

West Fork

Montreal River

West Brank Confluence
with Montreal River
(Class I/II Reach start)

Whitewater Study Points of Interest

- Montreal River Confluence
- Saxon Falls Dam

N

0 0.25 0.5 0.75 1

Miles

Topographic Map Source - ESRI

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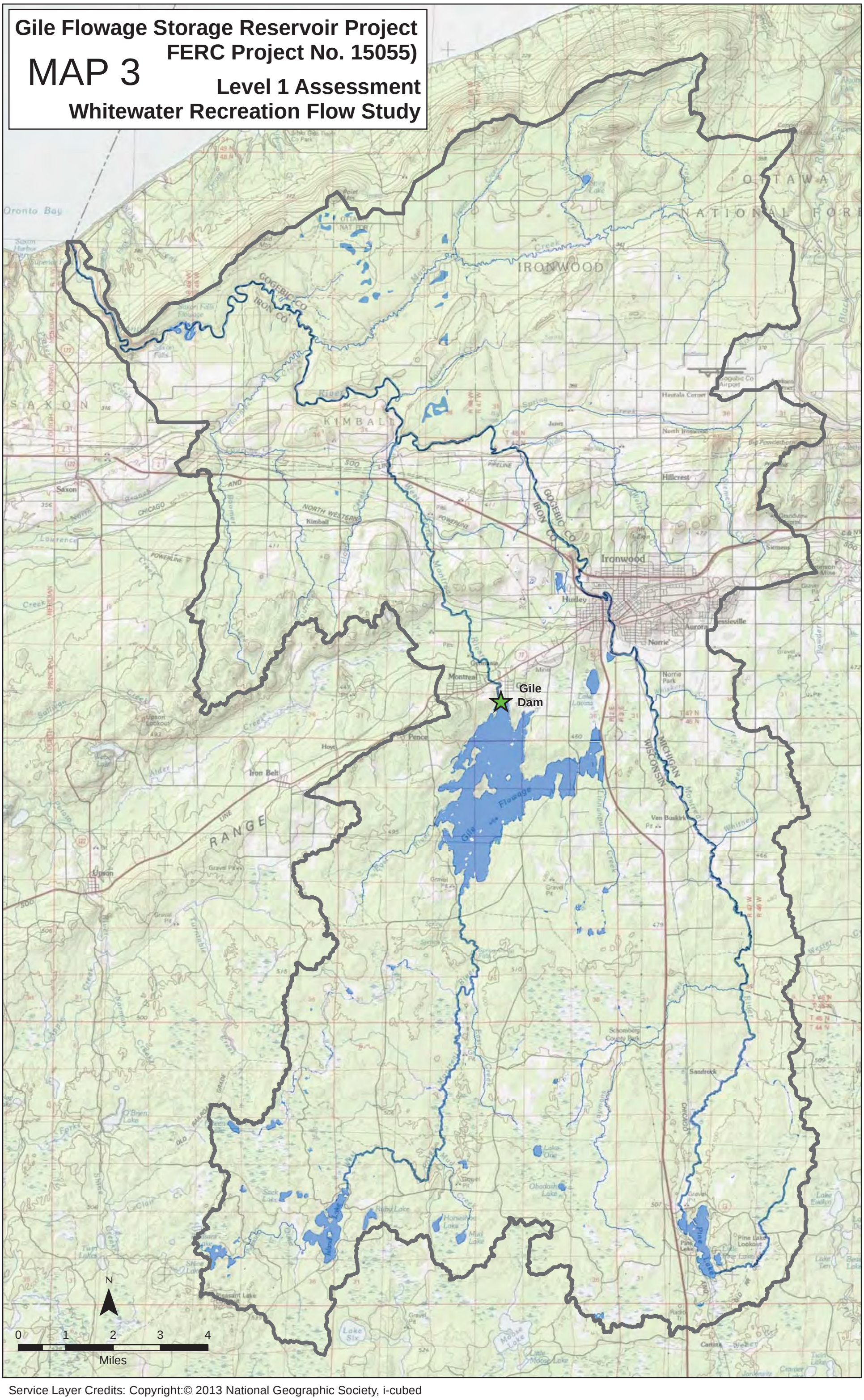
Gile Flowage Storage Reservoir Project
FERC Project No. 15055)

MAP 3

Level 1 Assessment
Whitewater Recreation Flow Study



Service Layer Credits: Copyright:© 2013 National Geographic Society, i-cubed

Completed Gile Flowage Vicinity Whitewater Recreation Questionnaire

Note:
No survey responses included documentation or markings on Map 1, Map 2, or Map 3; therefore, all maps were removed from all survey responses included in this Appendix in consideration of file size limits.

Boater participant, please complete the following:

Name:	Ben Bjorkman
Affiliation:	Kosir's Rafting
Zip Code:	49802
Email:	BenBjork@hotmail.com
Years of Experience:	7

LEVEL 1 ASSESSMENT, *WEST FORK MONTREAL RIVER* (Map 1)

REACH: US HIGHWAY 2 to MONTREAL RIVER CONFLUENCE (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated the *West Fork Montreal River*? Yes ☐ No ☑

   a. If yes, how often do you use the West Fork Montreal River for whitewater recreation?

   b. If yes, which reach of the West Fork Montreal River do you use for whitewater recreation?
      - Reach 1: Gile Dam to US Highway 2 (yes or no)
      - Reach 2: US Highway 2 to the confluence with the Montreal River (yes or no)

   c. If yes, where do you access the West Fork Montreal River for whitewater recreation?

   d. Is there suitable access downstream of US Highway 2 to the confluence with the Montreal River for Class I/II boating opportunities?
      - If yes, where?
      - If no, where would you recommend locating an acceptable access point?

2. If you have used the West Fork Montreal River for whitewater recreation from US Highway 2 to the confluence with the Montreal River (as indicated in 1.b): (if no, skip to 3)
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of the West Fork Montreal River make it suitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

4. What characteristics, if any, of the West Fork Montreal River make it unsuitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

5. Additional comments, if any, for the West Fork Montreal River:

LEVEL 1 ASSESSMENT, *MONTREAL RIVER* (Map 2)

REACH: MONTREAL RIVER CONFLUENCE TO SAXON FALLS PROJECT (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated this reach of the *Montreal River*? Yes ☐ No ☑
   a. If yes, how often do you use this reach for whitewater recreation?

   b. If yes, where do you access this reach for whitewater recreation?

   c. Is there suitable access to this reach for Class I/II boating opportunities?
      - If yes, where?

      - If no, where would you recommend locating an acceptable access point?

2. If you have used this reach for whitewater recreation:
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of this reach make it suitable for whitewater recreation?

4. What characteristics, if any, of this reach make it unsuitable for whitewater recreation?

LEVEL 1 ASSESSMENT, BOATING OPPORTUNITIES IN THE AREA (Map 3)

Map 3 shows the watershed boundary for the Gile Project. Are you familiar with other Class I/II boating opportunities within or in the vicinity of the watershed boundary?

If yes, use the space below to provide information on those opportunities, such as location or name, river characteristics, estimated flows, public access availability or constraints, and any other information that may help characterize other Class I/II boating opportunities in this area.

Thank you for participating in the Level 1 Assessment for the Gile Project

Generally accepted whitewater difficulty class definitions:

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

Boater participant, please complete the following:

Name:	Jason Blankenhein
Affiliation:	Sioux Falls Paddlers
Zip Code:	57110
Email:	jason.e.blankenhein@gmail.com
Years of Experience:	4

LEVEL 1 ASSESSMENT, *WEST FORK MONTREAL RIVER* (Map 1)

REACH: US HIGHWAY 2 to MONTREAL RIVER CONFLUENCE (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated the *West Fork Montreal River*? Yes ☐ No ☒

   a. If yes, how often do you use the West Fork Montreal River for whitewater recreation?

   N/A

   b. If yes, which reach of the West Fork Montreal River do you use for whitewater recreation?
      - Reach 1: Gile Dam to US Highway 2 (yes or no)
      - Reach 2: US Highway 2 to the confluence with the Montreal River (yes or no)

   c. If yes, where do you access the West Fork Montreal River for whitewater recreation?

   d. Is there suitable access downstream of US Highway 2 to the confluence with the Montreal River for Class I/II boating opportunities?
      - If yes, where?
      - If no, where would you recommend locating an acceptable access point?

2. If you have used the West Fork Montreal River for whitewater recreation from US Highway 2 to the confluence with the Montreal River (as indicated in 1.b): (if no, skip to 3)
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of the West Fork Montreal River make it suitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

4. What characteristics, if any, of the West Fork Montreal River make it unsuitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

5. Additional comments, if any, for the West Fork Montreal River:

LEVEL 1 ASSESSMENT, *MONTREAL RIVER* (Map 2)

REACH: MONTREAL RIVER CONFLUENCE TO SAXON FALLS PROJECT (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated this reach of the *Montreal River*? Yes ☐ No ☐
   a. If yes, how often do you use this reach for whitewater recreation?

   b. If yes, where do you access this reach for whitewater recreation?

   c. Is there suitable access to this reach for Class I/II boating opportunities?
      - If yes, where?

      - If no, where would you recommend locating an acceptable access point?

2. If you have used this reach for whitewater recreation:
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of this reach make it suitable for whitewater recreation?

4. What characteristics, if any, of this reach make it unsuitable for whitewater recreation?

LEVEL 1 ASSESSMENT, BOATING OPPORTUNITIES IN THE AREA (Map 3)

Map 3 shows the watershed boundary for the Gile Project. Are you familiar with other Class I/II boating opportunities within or in the vicinity of the watershed boundary?

If yes, use the space below to provide information on those opportunities, such as location or name, river characteristics, estimated flows, public access availability or constraints, and any other information that may help characterize other Class I/II boating opportunities in this area.

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Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

Boater participant, please complete the following:

Name:	BRIAN CASTILLO
Affiliation:	
Zip Code:	54891
Email:	dynamicwaterse@gmail.com
Years of Experience:	20+

LEVEL 1 ASSESSMENT, *WEST FORK MONTREAL RIVER* (Map 1)

REACH: US HIGHWAY 2 to MONTREAL RIVER CONFLUENCE (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated the *West Fork Montreal River*? Yes ☑ No ☐

   a. If yes, how often do you use the West Fork Montreal River for whitewater recreation?
   whenever it runs we try to get it

   b. If yes, which reach of the West Fork Montreal River do you use for whitewater recreation?
   - Reach 1: Gile Dam to US Highway 2 (yes or no)
   - Reach 2: US Highway 2 to the confluence with the Montreal River (yes or no)

   c. If yes, where do you access the West Fork Montreal River for whitewater recreation?
   I believe off County D

   d. Is there suitable access downstream of US Highway 2 to the confluence with the Montreal River for Class I/II boating opportunities?
   - If yes, where?
   - If no, where would you recommend locating an acceptable access point?

   NOT CERTAIN

2. If you have used the West Fork Montreal River for whitewater recreation from US Highway 2 to the confluence with the Montreal River (as indicated in 1.b): (if no, skip to 3)
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of the West Fork Montreal River make it suitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

      Good access. Challenging rapids. Beautiful

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

      Not certain

4. What characteristics, if any, of the West Fork Montreal River make it unsuitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

5. Additional comments, if any, for the West Fork Montreal River:

LEVEL 1 ASSESSMENT, *MONTREAL RIVER* (Map 2)

REACH: MONTREAL RIVER CONFLUENCE TO SAXON FALLS PROJECT (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated this reach of the *Montreal River*? Yes ☐ No ☐
   a. If yes, how often do you use this reach for whitewater recreation?

   b. If yes, where do you access this reach for whitewater recreation?

   c. Is there suitable access to this reach for Class I/II boating opportunities?
      - If yes, where?

      - If no, where would you recommend locating an acceptable access point?

2. If you have used this reach for whitewater recreation:
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

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4. What characteristics, if any, of this reach make it unsuitable for whitewater recreation?

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Map 3 shows the watershed boundary for the Gile Project. Are you familiar with other Class I/II boating opportunities within or in the vicinity of the watershed boundary?

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Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

Boater participant, please complete the following:

Name:	Aaron Erdrich
Affiliation:	
Zip Code:	
Email:	
Years of Experience:	

LEVEL 1 ASSESSMENT, *WEST FORK MONTREAL RIVER* (Map 1)

REACH: US HIGHWAY 2 to MONTREAL RIVER CONFLUENCE (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated the *West Fork Montreal River*? Yes ☐ No ☒
   a. If yes, how often do you use the West Fork Montreal River for whitewater recreation?

   b. If yes, which reach of the West Fork Montreal River do you use for whitewater recreation?
      - Reach 1: Gile Dam to US Highway 2 (yes or no)
      - Reach 2: US Highway 2 to the confluence with the Montreal River (yes or no)

   c. If yes, where do you access the West Fork Montreal River for whitewater recreation?

   d. Is there suitable access downstream of US Highway 2 to the confluence with the Montreal River for Class I/II boating opportunities?
      - If yes, where?
      - If no, where would you recommend locating an acceptable access point?

2. If you have used the West Fork Montreal River for whitewater recreation from US Highway 2 to the confluence with the Montreal River (as indicated in 1.b): (if no, skip to 3)
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of the West Fork Montreal River make it suitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

4. What characteristics, if any, of the West Fork Montreal River make it unsuitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

5. Additional comments, if any, for the West Fork Montreal River:

LEVEL 1 ASSESSMENT, *MONTREAL RIVER* (Map 2)

REACH: MONTREAL RIVER CONFLUENCE TO SAXON FALLS PROJECT (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated this reach of the *Montreal River*? Yes ☐ No ☐
   a. If yes, how often do you use this reach for whitewater recreation?

   b. If yes, where do you access this reach for whitewater recreation?

   c. Is there suitable access to this reach for Class I/II boating opportunities?
      - If yes, where?

      - If no, where would you recommend locating an acceptable access point?

2. If you have used this reach for whitewater recreation:
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of this reach make it suitable for whitewater recreation?

4. What characteristics, if any, of this reach make it unsuitable for whitewater recreation?

LEVEL 1 ASSESSMENT, BOATING OPPORTUNITIES IN THE AREA (Map 3)

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Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

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Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

Boater participant, please complete the following:

Name:	Matthew Hansen
Affiliation:	
Zip Code:	49783
Email:	matthew.hansen.uga.edu
Years of Experience:	7

LEVEL 1 ASSESSMENT, *WEST FORK MONTREAL RIVER* (Map 1)

REACH: US HIGHWAY 2 to MONTREAL RIVER CONFLUENCE (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated the *West Fork Montreal River*? Yes ☐ No ☒

   a. If yes, how often do you use the West Fork Montreal River for whitewater recreation?

   b. If yes, which reach of the West Fork Montreal River do you use for whitewater recreation?
      - Reach 1: Gile Dam to US Highway 2 (yes or no)
      - Reach 2: US Highway 2 to the confluence with the Montreal River (yes or no)

   c. If yes, where do you access the West Fork Montreal River for whitewater recreation?

   d. Is there suitable access downstream of US Highway 2 to the confluence with the Montreal River for Class I/II boating opportunities?
      - If yes, where?
      - If no, where would you recommend locating an acceptable access point?

2. If you have used the West Fork Montreal River for whitewater recreation from US Highway 2 to the confluence with the Montreal River (as indicated in 1.b): (if no, skip to 3)
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of the West Fork Montreal River make it suitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

4. What characteristics, if any, of the West Fork Montreal River make it unsuitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

5. Additional comments, if any, for the West Fork Montreal River:

LEVEL 1 ASSESSMENT, *MONTREAL RIVER* (Map 2)

REACH: MONTREAL RIVER CONFLUENCE TO SAXON FALLS PROJECT (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated this reach of the *Montreal River*? Yes ☐ No ☒
   a. If yes, how often do you use this reach for whitewater recreation?

   b. If yes, where do you access this reach for whitewater recreation?

   c. Is there suitable access to this reach for Class I/II boating opportunities?
      - If yes, where?

      - If no, where would you recommend locating an acceptable access point?

2. If you have used this reach for whitewater recreation:
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of this reach make it suitable for whitewater recreation?

4. What characteristics, if any, of this reach make it unsuitable for whitewater recreation?

LEVEL 1 ASSESSMENT, BOATING OPPORTUNITIES IN THE AREA (Map 3)

Map 3 shows the watershed boundary for the Gile Project. Are you familiar with other Class I/II boating opportunities within or in the vicinity of the watershed boundary?

If yes, use the space below to provide information on those opportunities, such as location or name, river characteristics, estimated flows, public access availability or constraints, and any other information that may help characterize other Class I/II boating opportunities in this area.

Thank you for participating in the Level 1 Assessment for the Gile Project

Generally accepted whitewater difficulty class definitions:

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

Boater participant, please complete the following:

Name:	Elita Hecimovich
Affiliation:	Raft Guide
Zip Code:	49801
Email:	
Years of Experience:	9

LEVEL 1 ASSESSMENT, *WEST FORK MONTREAL RIVER* (Map 1)

REACH: US HIGHWAY 2 to MONTREAL RIVER CONFLUENCE (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated the *West Fork Montreal River*? Yes ☐ No ☒
   a. If yes, how often do you use the West Fork Montreal River for whitewater recreation?

   b. If yes, which reach of the West Fork Montreal River do you use for whitewater recreation?
      - Reach 1: Gile Dam to US Highway 2 (yes or no)
      - Reach 2: US Highway 2 to the confluence with the Montreal River (yes or no)

   c. If yes, where do you access the West Fork Montreal River for whitewater recreation?

   d. Is there suitable access downstream of US Highway 2 to the confluence with the Montreal River for Class I/II boating opportunities?
      - If yes, where?
      - If no, where would you recommend locating an acceptable access point?

2. If you have used the West Fork Montreal River for whitewater recreation from US Highway 2 to the confluence with the Montreal River (as indicated in 1.b): (if no, skip to 3)
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of the West Fork Montreal River make it suitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

4. What characteristics, if any, of the West Fork Montreal River make it unsuitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

5. Additional comments, if any, for the West Fork Montreal River:

LEVEL 1 ASSESSMENT, *MONTREAL RIVER* (Map 2)

REACH: MONTREAL RIVER CONFLUENCE TO SAXON FALLS PROJECT (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated this reach of the *Montreal River*? Yes ☐ No ☐
   a. If yes, how often do you use this reach for whitewater recreation?

   b. If yes, where do you access this reach for whitewater recreation?

   c. Is there suitable access to this reach for Class I/II boating opportunities?
      - If yes, where?

      - If no, where would you recommend locating an acceptable access point?

2. If you have used this reach for whitewater recreation:
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of this reach make it suitable for whitewater recreation?

4. What characteristics, if any, of this reach make it unsuitable for whitewater recreation?

LEVEL 1 ASSESSMENT, BOATING OPPORTUNITIES IN THE AREA (Map 3)

Map 3 shows the watershed boundary for the Gile Project. Are you familiar with other Class I/II boating opportunities within or in the vicinity of the watershed boundary?

If yes, use the space below to provide information on those opportunities, such as location or name, river characteristics, estimated flows, public access availability or constraints, and any other information that may help characterize other Class I/II boating opportunities in this area.

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Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

Boater participant, please complete the following:

Name:	Austin Irzo
Affiliation:	
Zip Code:	49801
Email:	Austin_1220@yahoo.com
Years of Experience:	7

LEVEL 1 ASSESSMENT, *WEST FORK MONTREAL RIVER* (Map 1)

REACH: US HIGHWAY 2 to MONTREAL RIVER CONFLUENCE (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated the *West Fork Montreal River*? Yes ☐ No ☑

   a. If yes, how often do you use the West Fork Montreal River for whitewater recreation?

   b. If yes, which reach of the West Fork Montreal River do you use for whitewater recreation?
      - Reach 1: Gile Dam to US Highway 2 (yes or no)
      - Reach 2: US Highway 2 to the confluence with the Montreal River (yes or no)

   c. If yes, where do you access the West Fork Montreal River for whitewater recreation?

   d. Is there suitable access downstream of US Highway 2 to the confluence with the Montreal River for Class I/II boating opportunities?
      - If yes, where?
      - If no, where would you recommend locating an acceptable access point?

2. If you have used the West Fork Montreal River for whitewater recreation from US Highway 2 to the confluence with the Montreal River (as indicated in 1.b): (if no, skip to 3)
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of the West Fork Montreal River make it suitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

4. What characteristics, if any, of the West Fork Montreal River make it unsuitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

5. Additional comments, if any, for the West Fork Montreal River:

LEVEL 1 ASSESSMENT, *MONTREAL RIVER* (Map 2)

REACH: MONTREAL RIVER CONFLUENCE TO SAXON FALLS PROJECT (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated this reach of the *Montreal River*? Yes ☐ No ☑
   a. If yes, how often do you use this reach for whitewater recreation?

   b. If yes, where do you access this reach for whitewater recreation?

   c. Is there suitable access to this reach for Class I/II boating opportunities?
      - If yes, where?

      - If no, where would you recommend locating an acceptable access point?

2. If you have used this reach for whitewater recreation:
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of this reach make it suitable for whitewater recreation?

4. What characteristics, if any, of this reach make it unsuitable for whitewater recreation?

LEVEL 1 ASSESSMENT, BOATING OPPORTUNITIES IN THE AREA (Map 3)

Map 3 shows the watershed boundary for the Gile Project. Are you familiar with other Class I/II boating opportunities within or in the vicinity of the watershed boundary?

If yes, use the space below to provide information on those opportunities, such as location or name, river characteristics, estimated flows, public access availability or constraints, and any other information that may help characterize other Class I/II boating opportunities in this area.

Thank you for participating in the Level 1 Assessment for the Gile Project

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Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

Boater participant, please complete the following:

Name:	Tim
Affiliation:	
Zip Code:	
Email:	
Years of Experience:	

LEVEL 1 ASSESSMENT, *WEST FORK MONTREAL RIVER* (Map 1)

REACH: US HIGHWAY 2 to MONTREAL RIVER CONFLUENCE (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated the *West Fork Montreal River*? Yes ☑ No ☐

   a. If yes, how often do you use the West Fork Montreal River for whitewater recreation?

   - only once

   b. If yes, which reach of the West Fork Montreal River do you use for whitewater recreation?

   - Reach 1: Gile Dam to US Highway 2 (yes or no)
   - Reach 2: US Highway 2 to the confluence with the Montreal River (yes or no)

   c. If yes, where do you access the West Fork Montreal River for whitewater recreation?

   Road above Rock Cut Falls

   d. Is there suitable access downstream of US Highway 2 to the confluence with the Montreal River for Class I/II boating opportunities? N/A

   - If yes, where?
   - If no, where would you recommend locating an acceptable access point?

2. If you have used the West Fork Montreal River for whitewater recreation from US Highway 2 to the confluence with the Montreal River (as indicated in 1.b): (if no, skip to 3)
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of the West Fork Montreal River make it suitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2
      very rocky with high rock walls through Rock Cut. Good gradient and variety of rapids
   b. Reach 2: US Highway 2 to the confluence with the Montreal River

4. What characteristics, if any, of the West Fork Montreal River make it unsuitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

5. Additional comments, if any, for the West Fork Montreal River:

LEVEL 1 ASSESSMENT, *MONTREAL RIVER* (Map 2)

REACH: MONTREAL RIVER CONFLUENCE TO SAXON FALLS PROJECT (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated this reach of the *Montreal River*? Yes ☐ No ☐
   a. If yes, how often do you use this reach for whitewater recreation?

   b. If yes, where do you access this reach for whitewater recreation?

   c. Is there suitable access to this reach for Class I/II boating opportunities?
      - If yes, where?

      - If no, where would you recommend locating an acceptable access point?

2. If you have used this reach for whitewater recreation:
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of this reach make it suitable for whitewater recreation?

4. What characteristics, if any, of this reach make it unsuitable for whitewater recreation?

LEVEL 1 ASSESSMENT, BOATING OPPORTUNITIES IN THE AREA (Map 3)

Map 3 shows the watershed boundary for the Gile Project. Are you familiar with other Class I/II boating opportunities within or in the vicinity of the watershed boundary?

If yes, use the space below to provide information on those opportunities, such as location or name, river characteristics, estimated flows, public access availability or constraints, and any other information that may help characterize other Class I/II boating opportunities in this area.

Thank you for participating in the Level 1 Assessment for the Gile Project

Generally accepted whitewater difficulty class definitions:

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

Boater participant, please complete the following:

Name:	Brian Krueger
Affiliation:	
Zip Code:	53221
Email:	OSV@WI.rr.com
Years of Experience:	

LEVEL 1 ASSESSMENT, *WEST FORK MONTREAL RIVER* (Map 1)

REACH: US HIGHWAY 2 to MONTREAL RIVER CONFLUENCE (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated the *West Fork Montreal River*? Yes ☑ No ☐

   a. If yes, how often do you use the West Fork Montreal River for whitewater recreation?

   Not often, Hard to catch with water

   b. If yes, which reach of the West Fork Montreal River do you use for whitewater recreation?

   - Reach 1: Gile Dam to US Highway 2 (yes or no)
   - Reach 2: US Highway 2 to the confluence with the Montreal River (yes or no)

   gile park

   c. If yes, where do you access the West Fork Montreal River for whitewater recreation?

   yes

   d. Is there suitable access downstream of US Highway 2 to the confluence with the Montreal River for Class I/II boating opportunities?

   - If yes, where?
   - If no, where would you recommend locating an acceptable access point?

2. If you have used the West Fork Montreal River for whitewater recreation from US Highway 2 to the confluence with the Montreal River (as indicated in 1.b): (if no, skip to 3)
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of the West Fork Montreal River make it suitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

4. What characteristics, if any, of the West Fork Montreal River make it unsuitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

5. Additional comments, if any, for the West Fork Montreal River:

LEVEL 1 ASSESSMENT, *MONTREAL RIVER* (Map 2)

REACH: MONTREAL RIVER CONFLUENCE TO SAXON FALLS PROJECT (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated this reach of the *Montreal River*? Yes ☐ No ☒
   a. If yes, how often do you use this reach for whitewater recreation?

   b. If yes, where do you access this reach for whitewater recreation?

   c. Is there suitable access to this reach for Class I/II boating opportunities?
      - If yes, where?

      - If no, where would you recommend locating an acceptable access point?

2. If you have used this reach for whitewater recreation:
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of this reach make it suitable for whitewater recreation?

4. What characteristics, if any, of this reach make it unsuitable for whitewater recreation?

LEVEL 1 ASSESSMENT, BOATING OPPORTUNITIES IN THE AREA (Map 3)

Map 3 shows the watershed boundary for the Gile Project. Are you familiar with other Class I/II boating opportunities within or in the vicinity of the watershed boundary?

If yes, use the space below to provide information on those opportunities, such as location or name, river characteristics, estimated flows, public access availability or constraints, and any other information that may help characterize other Class I/II boating opportunities in this area.

Thank you for participating in the Level 1 Assessment for the Gile Project

Generally accepted whitewater difficulty class definitions:

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Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

Boater participant, please complete the following:

Name:	Tony Locken
Affiliation:	None
Zip Code:	55318
Email:	alocken10@yahoo.com
Years of Experience:	12

LEVEL 1 ASSESSMENT, *WEST FORK MONTREAL RIVER* (Map 1)

REACH: US HIGHWAY 2 to MONTREAL RIVER CONFLUENCE (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated the *West Fork Montreal River*? Yes ☑ No ☐

   a. If yes, how often do you use the West Fork Montreal River for whitewater recreation?

   When it runs, which is typically in early spring

   b. If yes, which reach of the West Fork Montreal River do you use for whitewater recreation?

   - Reach 1: Gile Dam to US Highway 2 (yes or no) yes
   - Reach 2: US Highway 2 to the confluence with the Montreal River (yes or no)

   no

   c. If yes, where do you access the West Fork Montreal River for whitewater recreation?

   GILE DAM

   d. Is there suitable access downstream of US Highway 2 to the confluence with the Montreal River for Class I/II boating opportunities?

   - If yes, where?

   Not that I know of

   - If no, where would you recommend locating an acceptable access point?

   Not sure

2. If you have used the West Fork Montreal River for whitewater recreation from US Highway 2 to the confluence with the Montreal River (as indicated in 1.b): (if no, skip to 3)
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of the West Fork Montreal River make it suitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

      Scenic, pretty continuous, fun but not scary

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

      Unknown

4. What characteristics, if any, of the West Fork Montreal River make it unsuitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

      None that I can think of

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

5. Additional comments, if any, for the West Fork Montreal River:

   Sick stretch of river

LEVEL 1 ASSESSMENT, *MONTREAL RIVER* (Map 2)

REACH: MONTREAL RIVER CONFLUENCE TO SAXON FALLS PROJECT (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated this reach of the *Montreal River*? Yes ☐ No ☐
   a. If yes, how often do you use this reach for whitewater recreation?

   b. If yes, where do you access this reach for whitewater recreation?

   c. Is there suitable access to this reach for Class I/II boating opportunities?
      - If yes, where?

      - If no, where would you recommend locating an acceptable access point?

2. If you have used this reach for whitewater recreation:
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of this reach make it suitable for whitewater recreation?

4. What characteristics, if any, of this reach make it unsuitable for whitewater recreation?

LEVEL 1 ASSESSMENT, BOATING OPPORTUNITIES IN THE AREA (Map 3)

Map 3 shows the watershed boundary for the Gile Project. Are you familiar with other Class I/II boating opportunities within or in the vicinity of the watershed boundary?

If yes, use the space below to provide information on those opportunities, such as location or name, river characteristics, estimated flows, public access availability or constraints, and any other information that may help characterize other Class I/II boating opportunities in this area.

Thank you for participating in the Level 1 Assessment for the Gile Project

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Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

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Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

Boater participant, please complete the following:

Name:	Hunter Rackliffe
Affiliation:	Rapid Riders
Zip Code:	55808
Email:	h.rackliffe218@gmail.com
Years of Experience:	6

LEVEL 1 ASSESSMENT, *WEST FORK MONTREAL RIVER* (Map 1)

REACH: US HIGHWAY 2 to MONTREAL RIVER CONFLUENCE (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated the *West Fork Montreal River*? Yes ☐ No ☒

   a. If yes, how often do you use the West Fork Montreal River for whitewater recreation?

   b. If yes, which reach of the West Fork Montreal River do you use for whitewater recreation?
      - Reach 1: Gile Dam to US Highway 2 (yes or no)
      - Reach 2: US Highway 2 to the confluence with the Montreal River (yes or no)

   c. If yes, where do you access the West Fork Montreal River for whitewater recreation?

   d. Is there suitable access downstream of US Highway 2 to the confluence with the Montreal River for Class I/II boating opportunities?
      - If yes, where?
      - If no, where would you recommend locating an acceptable access point?

2. If you have used the West Fork Montreal River for whitewater recreation from US Highway 2 to the confluence with the Montreal River (as indicated in 1.b): (if no, skip to 3)
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of the West Fork Montreal River make it suitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

      Continuous whitewater

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

      sections for everyone

4. What characteristics, if any, of the West Fork Montreal River make it unsuitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

5. Additional comments, if any, for the West Fork Montreal River:

LEVEL 1 ASSESSMENT, *MONTREAL RIVER* (Map 2)

REACH: MONTREAL RIVER CONFLUENCE TO SAXON FALLS PROJECT (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated this reach of the *Montreal River*? Yes ☐ No ☐
   a. If yes, how often do you use this reach for whitewater recreation?

   b. If yes, where do you access this reach for whitewater recreation?

   c. Is there suitable access to this reach for Class I/II boating opportunities?
      - If yes, where?

      - If no, where would you recommend locating an acceptable access point?

2. If you have used this reach for whitewater recreation:
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of this reach make it suitable for whitewater recreation?

4. What characteristics, if any, of this reach make it unsuitable for whitewater recreation?

LEVEL 1 ASSESSMENT, BOATING OPPORTUNITIES IN THE AREA (Map 3)

Map 3 shows the watershed boundary for the Gile Project. Are you familiar with other Class I/II boating opportunities within or in the vicinity of the watershed boundary?

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Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

Boater participant, please complete the following:

Name:	John Ray
Affiliation:	Raft Guide
Zip Code:	49802
Email:	JohnRay6656@yahoo.com
Years of Experience:	6

LEVEL 1 ASSESSMENT, *WEST FORK MONTREAL RIVER* (Map 1)

REACH: US HIGHWAY 2 to MONTREAL RIVER CONFLUENCE (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated the *West Fork Montreal River*? Yes ☐ No ☑

   a. If yes, how often do you use the West Fork Montreal River for whitewater recreation?

   b. If yes, which reach of the West Fork Montreal River do you use for whitewater recreation?
      - Reach 1: Gile Dam to US Highway 2 (yes or no)
      - Reach 2: US Highway 2 to the confluence with the Montreal River (yes or no)

   c. If yes, where do you access the West Fork Montreal River for whitewater recreation?

   d. Is there suitable access downstream of US Highway 2 to the confluence with the Montreal River for Class I/II boating opportunities?
      - If yes, where?
      - If no, where would you recommend locating an acceptable access point?

2. If you have used the West Fork Montreal River for whitewater recreation from US Highway 2 to the confluence with the Montreal River (as indicated in 1.b): (if no, skip to 3)
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of the West Fork Montreal River make it suitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

4. What characteristics, if any, of the West Fork Montreal River make it unsuitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

5. Additional comments, if any, for the West Fork Montreal River:

LEVEL 1 ASSESSMENT, *MONTREAL RIVER* (Map 2)

REACH: MONTREAL RIVER CONFLUENCE TO SAXON FALLS PROJECT (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated this reach of the *Montreal River*? Yes ☐ No ☑
   a. If yes, how often do you use this reach for whitewater recreation?

   b. If yes, where do you access this reach for whitewater recreation?

   c. Is there suitable access to this reach for Class I/II boating opportunities?
      - If yes, where?

      - If no, where would you recommend locating an acceptable access point?

2. If you have used this reach for whitewater recreation:
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of this reach make it suitable for whitewater recreation?

4. What characteristics, if any, of this reach make it unsuitable for whitewater recreation?

LEVEL 1 ASSESSMENT, BOATING OPPORTUNITIES IN THE AREA (Map 3)

Map 3 shows the watershed boundary for the Gile Project. Are you familiar with other Class I/II boating opportunities within or in the vicinity of the watershed boundary?

If yes, use the space below to provide information on those opportunities, such as location or name, river characteristics, estimated flows, public access availability or constraints, and any other information that may help characterize other Class I/II boating opportunities in this area.

I love the Montreal Canyon below Sutton

Thank you for participating in the Level 1 Assessment for the Gile Project

Generally accepted whitewater difficulty class definitions:

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

Boater participant, please complete the following:

Name:	Jake Ring
Affiliation:	Boater liason
Zip Code:	49938
Email:	ringjaked@gmail.com
Years of Experience:	10 ?

LEVEL 1 ASSESSMENT, *WEST FORK MONTREAL RIVER* (Map 1)

REACH: US HIGHWAY 2 to MONTREAL RIVER CONFLUENCE (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated the *West Fork Montreal River*? Yes ☐ No ☒

   a. If yes, how often do you use the West Fork Montreal River for whitewater recreation?

   b. If yes, which reach of the West Fork Montreal River do you use for whitewater recreation?
      - Reach 1: Gile Dam to US Highway 2 (yes or no)
      - Reach 2: US Highway 2 to the confluence with the Montreal River (yes or no)

   c. If yes, where do you access the West Fork Montreal River for whitewater recreation?

   d. Is there suitable access downstream of US Highway 2 to the confluence with the Montreal River for Class I/II boating opportunities?
      - If yes, where?

        No
      - If no, where would you recommend locating an acceptable access point?

        I dont know, lets chat

2. If you have used the West Fork Montreal River for whitewater recreation from US Highway 2 to the confluence with the Montreal River (as indicated in 1.b): (if no, skip to 3)
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of the West Fork Montreal River make it suitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

      Gile Falls

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

      no ww

4. What characteristics, if any, of the West Fork Montreal River make it unsuitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

      log jams can happen

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

      down trees

5. Additional comments, if any, for the West Fork Montreal River:

LEVEL 1 ASSESSMENT, *MONTREAL RIVER* (Map 2)

REACH: MONTREAL RIVER CONFLUENCE TO SAXON FALLS PROJECT (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated this reach of the *Montreal River*? Yes ☒ No ☐
   a. If yes, how often do you use this reach for whitewater recreation?

      none

   b. If yes, where do you access this reach for whitewater recreation?

      nylund rd.

   c. Is there suitable access to this reach for Class I/II boating opportunities?
      - If yes, where?

        not really, 4 log jams between Nylund Rd + confluence, which is ~4.5 river mi. 2019
      - If no, where would you recommend locating an acceptable access point?

        Nearby railroad ? (lol)

2. If you have used this reach for whitewater recreation:
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

      No ww

   b. What type of watercraft can be used at this single flow or flow range?

      canoe / kayak

   c. What boater experience level is suitable for this single flow or flow range?

      novice except for the log jams.

3. What characteristics, if any, of this reach make it suitable for whitewater recreation?

   no ww

4. What characteristics, if any, of this reach make it unsuitable for whitewater recreation?

   no ww

LEVEL 1 ASSESSMENT, BOATING OPPORTUNITIES IN THE AREA (Map 3)

Map 3 shows the watershed boundary for the Gile Project. Are you familiar with other Class I/II boating opportunities within or in the vicinity of the watershed boundary?

If yes, use the space below to provide information on those opportunities, such as location or name, river characteristics, estimated flows, public access availability or constraints, and any other information that may help characterize other Class I/II boating opportunities in this area.

- Montreal water trail Norrie Park to cemetary. 4 miles, some logs, Class 1. any flow
- Montreal Canyon. Poor Access. 600 - 2000 +
- Black River from Blackjack to Hedberg. 5 miles, class 1. 150 cfs - 300 + ?
- Some of the Presque Isle is flat. Different options.
- All of our rivers + sections in Northern WI + U.P. are rain dependant.

Thank you for participating in the Level 1 Assessment for the Gile Project

Generally accepted whitewater difficulty class definitions:

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

Boater participant, please complete the following:

Name:	Brian Robin
Affiliation:	Rapid Riders
Zip Code:	55372
Email:	snwbdr94@yahoo.com
Years of Experience:	8

LEVEL 1 ASSESSMENT, *WEST FORK MONTREAL RIVER* (Map 1)

REACH: US HIGHWAY 2 to MONTREAL RIVER CONFLUENCE (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated the *West Fork Montreal River*? Yes ☒ No ☐

   a. If yes, how often do you use the West Fork Montreal River for whitewater recreation?

   Once when I was in the area and there was water

   b. If yes, which reach of the West Fork Montreal River do you use for whitewater recreation?

   - Reach 1: Gile Dam to US Highway 2 (yes or no)

   Yes

   - Reach 2: US Highway 2 to the confluence with the Montreal River (yes or no)

   NO

   c. If yes, where do you access the West Fork Montreal River for whitewater recreation?

   Below Gile Dam Above Gile Flows

   d. Is there suitable access downstream of US Highway 2 to the confluence with the Montreal River for Class I/II boating opportunities?

   - If yes, where?

   Unsure

   - If no, where would you recommend locating an acceptable access point?

   Unsure

2. If you have used the West Fork Montreal River for whitewater recreation from US Highway 2 to the confluence with the Montreal River (as indicated in 1.b): (if no, skip to 3)
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

      N/A

   b. What type of watercraft can be used at this single flow or flow range?

      N/A

   c. What boater experience level is suitable for this single flow or flow range?

      N/A

3. What characteristics, if any, of the West Fork Montreal River make it suitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

      Gile Falls, cool features, rapid under railroad bridge was awesome

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

      N/A

4. What characteristics, if any, of the West Fork Montreal River make it unsuitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

      N/A

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

      N/A

5. Additional comments, if any, for the West Fork Montreal River:

   Online Gauge to see current flows.

LEVEL 1 ASSESSMENT, *MONTREAL RIVER* (Map 2)

REACH: MONTREAL RIVER CONFLUENCE TO SAXON FALLS PROJECT (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated this reach of the *Montreal River*? Yes ☐ No ☒
   a. If yes, how often do you use this reach for whitewater recreation?

   b. If yes, where do you access this reach for whitewater recreation?

   c. Is there suitable access to this reach for Class I/II boating opportunities?
      - If yes, where?

      - If no, where would you recommend locating an acceptable access point?

2. If you have used this reach for whitewater recreation:
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of this reach make it suitable for whitewater recreation?

4. What characteristics, if any, of this reach make it unsuitable for whitewater recreation?

LEVEL 1 ASSESSMENT, BOATING OPPORTUNITIES IN THE AREA (Map 3)

Map 3 shows the watershed boundary for the Gile Project. Are you familiar with other Class I/II boating opportunities within or in the vicinity of the watershed boundary?

If yes, use the space below to provide information on those opportunities, such as location or name, river characteristics, estimated flows, public access availability or constraints, and any other information that may help characterize other Class I/II boating opportunities in this area.

Section below Saxton is fun at higher water.

Cool geology to look at in the canyon

Thank you for participating in the Level 1 Assessment for the Gile Project

Generally accepted whitewater difficulty class definitions:

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

Boater participant, please complete the following:

Name:	Nathan Spindler
Affiliation:	Rapids Riders
Zip Code:	54703
Email:	
Years of Experience:	4

LEVEL 1 ASSESSMENT, *WEST FORK MONTREAL RIVER* (Map 1)

REACH: US HIGHWAY 2 to MONTREAL RIVER CONFLUENCE (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated the *West Fork Montreal River*? Yes ☐ No ☒

   a. If yes, how often do you use the West Fork Montreal River for whitewater recreation?

   b. If yes, which reach of the West Fork Montreal River do you use for whitewater recreation?
      - Reach 1: Gile Dam to US Highway 2 (yes or no)
      - Reach 2: US Highway 2 to the confluence with the Montreal River (yes or no)

   c. If yes, where do you access the West Fork Montreal River for whitewater recreation?

   d. Is there suitable access downstream of US Highway 2 to the confluence with the Montreal River for Class I/II boating opportunities?
      - If yes, where?
      - If no, where would you recommend locating an acceptable access point?

2. If you have used the West Fork Montreal River for whitewater recreation from US Highway 2 to the confluence with the Montreal River (as indicated in 1.b): (if no, skip to 3)
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of the West Fork Montreal River make it suitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

4. What characteristics, if any, of the West Fork Montreal River make it unsuitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

5. Additional comments, if any, for the West Fork Montreal River:

LEVEL 1 ASSESSMENT, *MONTREAL RIVER* (Map 2)

REACH: MONTREAL RIVER CONFLUENCE TO SAXON FALLS PROJECT (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated this reach of the *Montreal River*? Yes ☐ No ☒
   a. If yes, how often do you use this reach for whitewater recreation?

   b. If yes, where do you access this reach for whitewater recreation?

   c. Is there suitable access to this reach for Class I/II boating opportunities?
      - If yes, where?

      - If no, where would you recommend locating an acceptable access point?

2. If you have used this reach for whitewater recreation:
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of this reach make it suitable for whitewater recreation?

4. What characteristics, if any, of this reach make it unsuitable for whitewater recreation?

LEVEL 1 ASSESSMENT, BOATING OPPORTUNITIES IN THE AREA (Map 3)

Map 3 shows the watershed boundary for the Gile Project. Are you familiar with other Class I/II boating opportunities within or in the vicinity of the watershed boundary?

If yes, use the space below to provide information on those opportunities, such as location or name, river characteristics, estimated flows, public access availability or constraints, and any other information that may help characterize other Class I/II boating opportunities in this area.

Thank you for participating in the Level 1 Assessment for the Gile Project

Generally accepted whitewater difficulty class definitions:

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

Boater participant, please complete the following:

Name:	Kayla Sturgeon
Affiliation:	Rapids Riders
Zip Code:	55944
Email:	
Years of Experience:	

LEVEL 1 ASSESSMENT, *WEST FORK MONTREAL RIVER* (Map 1)

REACH: US HIGHWAY 2 to MONTREAL RIVER CONFLUENCE (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated the *West Fork Montreal River*? Yes ☐ No ☒
   a. If yes, how often do you use the West Fork Montreal River for whitewater recreation?

   b. If yes, which reach of the West Fork Montreal River do you use for whitewater recreation?
      - Reach 1: Gile Dam to US Highway 2 (yes or no)
      - Reach 2: US Highway 2 to the confluence with the Montreal River (yes or no)

   c. If yes, where do you access the West Fork Montreal River for whitewater recreation?

   d. Is there suitable access downstream of US Highway 2 to the confluence with the Montreal River for Class I/II boating opportunities?
      - If yes, where?
      - If no, where would you recommend locating an acceptable access point?

2. If you have used the West Fork Montreal River for whitewater recreation from US Highway 2 to the confluence with the Montreal River (as indicated in 1.b): (if no, skip to 3) NO
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of the West Fork Montreal River make it suitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

4. What characteristics, if any, of the West Fork Montreal River make it unsuitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

5. Additional comments, if any, for the West Fork Montreal River:

LEVEL 1 ASSESSMENT, *MONTREAL RIVER* (Map 2)

REACH: MONTREAL RIVER CONFLUENCE TO SAXON FALLS PROJECT (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated this reach of the *Montreal River*? Yes ☐ No ☒
   a. If yes, how often do you use this reach for whitewater recreation?

   b. If yes, where do you access this reach for whitewater recreation?

   c. Is there suitable access to this reach for Class I/II boating opportunities?
      - If yes, where?

      - If no, where would you recommend locating an acceptable access point?

2. If you have used this reach for whitewater recreation:
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of this reach make it suitable for whitewater recreation?

4. What characteristics, if any, of this reach make it unsuitable for whitewater recreation?

LEVEL 1 ASSESSMENT, BOATING OPPORTUNITIES IN THE AREA (Map 3)

Map 3 shows the watershed boundary for the Gile Project. Are you familiar with other Class I/II boating opportunities within or in the vicinity of the watershed boundary? No

If yes, use the space below to provide information on those opportunities, such as location or name, river characteristics, estimated flows, public access availability or constraints, and any other information that may help characterize other Class I/II boating opportunities in this area.

Could look on American Whitewater for known options in the area

Thank you for participating in the Level 1 Assessment for the Gile Project

Generally accepted whitewater difficulty class definitions:

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

Boater participant, please complete the following:

Name:	Matt Sturgeon
Affiliation:	RapidsRiders.org
Zip Code:	
Email:	
Years of Experience:	

LEVEL 1 ASSESSMENT, *WEST FORK MONTREAL RIVER* (Map 1)

REACH: US HIGHWAY 2 to MONTREAL RIVER CONFLUENCE (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated the *West Fork Montreal River*? Yes ☐ No ☑

   a. If yes, how often do you use the West Fork Montreal River for whitewater recreation?

   b. If yes, which reach of the West Fork Montreal River do you use for whitewater recreation?
      - Reach 1: Gile Dam to US Highway 2 (yes or no)
      - Reach 2: US Highway 2 to the confluence with the Montreal River (yes or no)

   c. If yes, where do you access the West Fork Montreal River for whitewater recreation?

   d. Is there suitable access downstream of US Highway 2 to the confluence with the Montreal River for Class I/II boating opportunities?
      - If yes, where?
      - If no, where would you recommend locating an acceptable access point?

      Unsafe

2. If you have used the West Fork Montreal River for whitewater recreation from US Highway 2 to the confluence with the Montreal River (as indicated in 1.b): (if no, skip to 3)
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of the West Fork Montreal River make it suitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2
   Not 100% Safe

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

4. What characteristics, if any, of the West Fork Montreal River make it unsuitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River
   Not Much Overmatch

5. Additional comments, if any, for the West Fork Montreal River:

LEVEL 1 ASSESSMENT, *MONTREAL RIVER* (Map 2)

REACH: MONTREAL RIVER CONFLUENCE TO SAXON FALLS PROJECT (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated this reach of the *Montreal River*? Yes ☐ No ☑
   a. If yes, how often do you use this reach for whitewater recreation?

   b. If yes, where do you access this reach for whitewater recreation?

   c. Is there suitable access to this reach for Class I/II boating opportunities?
      - If yes, where?

      - If no, where would you recommend locating an acceptable access point?
        Good Take out and put in Mellen - Maybe Bike/Rail Road
2. If you have used this reach for whitewater recreation: NO
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of this reach make it suitable for whitewater recreation?
   class 3-4

4. What characteristics, if any, of this reach make it unsuitable for whitewater recreation?

LEVEL 1 ASSESSMENT, BOATING OPPORTUNITIES IN THE AREA (Map 3)

Map 3 shows the watershed boundary for the Gile Project. Are you familiar with other Class I/II boating opportunities within or in the vicinity of the watershed boundary?

If yes, use the space below to provide information on those opportunities, such as location or name, river characteristics, estimated flows, public access availability or constraints, and any other information that may help characterize other Class I/II boating opportunities in this area.

Thank you for participating in the Level 1 Assessment for the Gile Project

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Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

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Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

Boater participant, please complete the following:

Name:	TERRY WARD
Affiliation:	
Zip Code:	53144
Email:	twara1393@yahoo.com
Years of Experience:	7

LEVEL 1 ASSESSMENT, *WEST FORK MONTREAL RIVER* (Map 1)

REACH: US HIGHWAY 2 to MONTREAL RIVER CONFLUENCE (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated the *West Fork Montreal River*? Yes ☐ No ☑
   a. If yes, how often do you use the West Fork Montreal River for whitewater recreation?

   b. If yes, which reach of the West Fork Montreal River do you use for whitewater recreation?
      - Reach 1: Gile Dam to US Highway 2 (yes or no)
      - Reach 2: US Highway 2 to the confluence with the Montreal River (yes or no)

   c. If yes, where do you access the West Fork Montreal River for whitewater recreation?

   d. Is there suitable access downstream of US Highway 2 to the confluence with the Montreal River for Class I/II boating opportunities?
      - If yes, where?
      - If no, where would you recommend locating an acceptable access point?

2. If you have used the West Fork Montreal River for whitewater recreation from US Highway 2 to the confluence with the Montreal River (as indicated in 1.b): (if no, skip to 3)
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of the West Fork Montreal River make it suitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

4. What characteristics, if any, of the West Fork Montreal River make it unsuitable for whitewater recreation for the following reaches:
   a. Reach 1: Gile Dam to US Highway 2

   b. Reach 2: US Highway 2 to the confluence with the Montreal River

5. Additional comments, if any, for the West Fork Montreal River:

LEVEL 1 ASSESSMENT, *MONTREAL RIVER* (Map 2)

REACH: MONTREAL RIVER CONFLUENCE TO SAXON FALLS PROJECT (Class I/II)

Please provide your knowledge regarding the following:

1. Have you previously boated this reach of the *Montreal River*? Yes ☐ No ☑
   a. If yes, how often do you use this reach for whitewater recreation?

   b. If yes, where do you access this reach for whitewater recreation?

   c. Is there suitable access to this reach for Class I/II boating opportunities?
      - If yes, where?

      - If no, where would you recommend locating an acceptable access point?

2. If you have used this reach for whitewater recreation:
   a. What single flow or flow range (min to max) provides a suitable boating opportunity?

   b. What type of watercraft can be used at this single flow or flow range?

   c. What boater experience level is suitable for this single flow or flow range?

3. What characteristics, if any, of this reach make it suitable for whitewater recreation?

4. What characteristics, if any, of this reach make it unsuitable for whitewater recreation?

LEVEL 1 ASSESSMENT, BOATING OPPORTUNITIES IN THE AREA (Map 3)

Map 3 shows the watershed boundary for the Gile Project. Are you familiar with other Class I/II boating opportunities within or in the vicinity of the watershed boundary?

If yes, use the space below to provide information on those opportunities, such as location or name, river characteristics, estimated flows, public access availability or constraints, and any other information that may help characterize other Class I/II boating opportunities in this area.

I AM NOT FAMILIAR

Thank you for participating in the Level 1 Assessment for the Gile Project

Generally accepted whitewater difficulty class definitions:

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

Appendix J Level 2 Assessment – Correspondence

Jen Schuetz

From: Jen Schuetz
Sent: Thursday, June 9, 2022 2:18 PM
To: Thomas O'Keefe
Cc: tokey_boswell@nps.gov; susan_rosebrough@nps.gov; David Thomson (dave_thomson@NPS.gov); lillian_jonas@contractor.nps.gov; angietornes@gmail.com; Miller, Matthew J; Crotty, Scott A; Shawn Puzen; Darrin Johnson; Jake Ring; Jen Schuetz
Subject: RE: Gile Flowage Project Whitewater Recreation Flow Study

Hello Tom,

Thank you for your response and your interest in the Gile whitewater study.

Your comments and questions are below, and my response follows each.

1. Thank you for the update and information. I will not be able to make it out for this but have communicated with Jake Ring and understand he anticipates sufficient turn out. Given that, I have not done any further promotion but please let me know if you need additional assistance in identifying qualified boaters.

Jake Ring communicated the same with me about the number of boaters, which he anticipates being 15 to 30. Of course, the exact number of participants will not be known until the day of the study and will be included in the Initial Study Report.

2. I am unclear on the meaning of this comment: "NSPW has determined it is unable to resolve inconsistencies with the 2007 study unless the dates of the boating experiences rated in the 2007 study are provided by American Whitewater." Could you clarify what inconsistencies you are trying to resolve.

American Whitewater submitted a letter to the Commission on March 17, 2021 regarding "Comments of American Whitewater on the Pre-Application Document and Proposed Study for the Gile Flowage Storage Reservoir Project", which included the following regarding the West Branch Montreal River:

"The study area econompasses the West Branch Montreal River from Gile Flowage to Highway 2 as identified in American Whitewater's National Whitewater Inventory. American Whitewater completed a survey-based flow study (i.e. a study where users self report flows and respond to an online survey) in 2007 determining that 400-1000 cfs was the optimal range. While we concluded that a significant population of river users would prefer higher flow releases, we did not evaluate flows greater than 1000 cfs. We determined that while some individuals have run the river at these higher flows, these opportunities are limited and unlikely to be provided for during a controlled release. Based on the results of our study we proposed an optimum release schedule for a weekend of two releases that would begin with a release of 600 cfs on Saturday morning at 10 am and until 4 pm, and a second release day of 800-1,000 cfs on Sunday, which would begin at 10 am and end at 4 pm. If the release schedule had to be limited to one day we concluded a flow of 600-800 cfs should be released between 10 am and 4 pm on a Saturday. A limitation of this study was the fact that users self-reported their runs and in some cases estimating flows and scoring flows that they may not have actually experienced. The study provides a useful starting point but results need to be confirmed to be used as the basis for protection, mitigation, and enhancement measures for recreation in a new license."

NSPW held a virtual meeting on May, 20, 2021, which you attended, to discuss the Gile Flowage Storage Reservoir Proposed Study Plan Meeting. You discussed that American Whitewater has additional data regarding the 2007 study and can e-file that information to the Commission so it can be placed on the Docket. To date, no additional information on the 2007 study has been e-filed to the Docket.

In discussions with local boaters, 400 cfs is believed to be too low to adequately boat, which contradicts the 2007 study that says 400 cfs is the minimum boatable flow. The Commission asked NSPW to try to resolve the contradiction or inconsistencies with the 400 cfs flow level in 2007 study as part of a Level 2 assessment for the Gile whitewater study. In order for NSPW to reconcile the discrepancies of the 2007 study, American Whitewater needs to provide the dates boating occurred in the 2007. If the dates are provided, NSPW can review their operational records for those boating dates to determine the flow (cfs) that occurred in the West Fork Montreal River and could then "calibrate" the results of the 2007 study. This calibrated flow (cfs) would be important to determine the starting flow for the Gile whitewater study that will take place starting at 10:00 am on Saturday, June 11, 2022.

3. I don't believe I have seen the survey instrument you will be using. My apologies if I have missed it but could you please circulate that.

American Whitewater, as well as the National Park Service, was provided the boater survey forms for review and comment with the revised study plan in April of 2021. The FERC approved the boater survey forms in their study plan determination in September of 2021. NSPW will use the survey forms approved by the FERC for the Gile whitewater study.

4. The target flow range sounds right to me with the caveat you have to refine based on perspectives of those on site.

After consultation with Jake Ring, the starting flow will be 600 cfs. The additional flow(s) studied will be based on boater assessment onsite after the first flow of 600 cfs is completed and reviewed with all present boaters and NSPW during the Level 2 assessment for the Gile whitewater study.

5. Your plan for Rock Cut Falls makes sense to me. If that site does require a portage, boaters should still do a land-based assessment of the rapid during the capture—i.e. please make sure you capture boater perspectives on attributes of the rapid at the various flows even if they are not able to run it.

NSPW is confident the participating boaters will provide their perspective on the rapid attributes during the survey portion of the study. The written boater surveys provide an opportunity to identify and describe boatability, challenges, portages, safety, and any other additional information they wish to provide. NSPW will also capture any verbal discussions that occur with or between boaters throughout the study. The survey results will be included in the Initial Study Report.

If further clarification is needed for any items above, please let me know.

Thank you,

Jen

JEN SCHUETZ
GIS AND COMPLIANCE SPECIALIST, WATER
(She, Her, Hers)
Mead & Hunt
Direct: 608-443-0460 | Transfer Files
meadhunt.com | LinkedIn | Twitter | Facebook | Instagram

-----Original Message-----
From: Thomas O'Keefe <okeefe@americanwhitewater.org>
Sent: Wednesday, June 8, 2022 2:54 PM
To: Jen Schuetz <jen.schuetz@meadhunt.com>
Cc: tokey_boswell@nps.gov; susan_rosebrough@nps.gov; David Thomson (dave_thomson@NPS.gov) <dave_thomson@NPS.gov>; lillian_jonas@contractor.nps.gov; angietornes@gmail.com; Miller, Matthew J <Matthew.j.miller@xcelenergy.com>; Crotty, Scott A <scott.a.crotty@xcelenergy.com>; Shawn Puzen <Shawn.Puzen@meadhunt.com>; Darrin Johnson <Darrin.Johnson@meadhunt.com>; Jake Ring <jake@ringoproductions.com>
Subject: Re: Gile Flowage Project Whitewater Recreation Flow Study

Jen,

Thank you for the update and information. I will not be able to make it out for this but have communicated with Jake Ring and understand he anticipates sufficient turn out. Given that, I have not done any further promotion but please let me know if you need additional assistance in identifying qualified boaters. I am unclear on the meaning of this comment: "NSPW has determined it is unable to resolve inconsistencies with the 2007 study unless the dates of the boating experiences rated in the 2007 study are provided by American Whitewater." Could you clarify what inconsistencies you are trying to resolve.

I don't believe I have seen the survey instrument you will be using. My apologies if I have missed it but could you please circulate

that.

The target flow range sounds right to me with the caveat you have to refine based on perspectives of those on site.

Your plan for Rock Cut Falls makes sense to me. If that site does require a portage, boaters should still do a land-based assessment of the rapid during the capture—i.e. please make sure you capture boater perspectives on attributes of the rapid at the various flows even if they are not able to run it.

Thank you,

Tom

Thomas O'Keefe, PhD
Pacific Northwest Stewardship Director
American Whitewater
3537 NE 87th St.
Seattle, WA 98115
425-417-9012
okeefe@americanwhitewater.org
@AmerWhitewater

> On May 24, 2022, at 9:46 AM, Jen Schuetz <jen.schuetz@meadhunt.com> wrote:
>
> Hello:
>
> Per the Federal Energy Regulatory Commission Study Plan Determination for the Gile Flowage Project dated September 24, 2021, Northern States Power Company, a Wisconsin Corporation (NSPW) will be conducting a Level 1, Level 2, and Level 3 Assessment (Whittaker et al., 2005) for a whitewater flow study at the Gile Project on Saturday, June 11, 2022. Boaters will gather at the Gile Park parking lot prior to the start of the Level 2 and Level 3 Assessments, which are anticipated to start at 10 am local time.
>
> Level 1 Assessment
> The Level 1 Assessment has been completed for the three reaches on the West Fork Montreal River from Gile Dam to Kimball Town Park. The initial study report will include a summary of literature reviewed, the hydrologic assessment, and transcripts and notes from interviews with recreationists and stakeholders. Based upon the Level 1 Assessment, flows between 600 - 1,000 cfs are being targeted for the Level 2 and Level 3 Assessments, which are scheduled to be completed on June 11, 2022.
>
> For the West Fork Montreal River reach downstream of US Highway 2 to the confluence with the Montreal River and on the Montreal River reach from the confluence to the Saxon Falls Project, NSPW will collect existing river recreation information, including other class I/II boating opportunities in the project area, public access locations and constraints to public access, and the physical attributes of the reaches from the boaters attending the Level 3 Assessment. Hydrology information will be assembled independently by NSPW for the initial study report.
>
> Level 2 Assessment - Gile Dam to Kimball Town Park As part of the
> initial Level 2 assessment in consultation with Jake Ring, flow releases for the Level 3 Assessment are anticipated between 600 – 1,000 cfs. The actual flow releases will be determined on site as part of the limited reconnaissance prior to the start of the Level 3 Assessment. NSPW has determined it is unable to resolve inconsistencies with the 2007 study unless the dates of the boating experiences rated in the 2007 study are provided by American Whitewater.
>
> Level 3 Assessment – Gile Dam to Kimball Town Park The Level 3
> Assessment will involve a minimum of ten boaters; NSPW is currently working with Jake Ring, to assemble a boater participant list.
>
> Boaters will evaluate up to three varying flow releases on three reaches between the Gile Dam and Kimball Town Park along the West Branch Montreal River (see attached map). The actual flow releases will be determined on site as part of the Level 2 Assessment (Limited Reconnaissance) prior to the start of the Level 3 Assessment. Water will be released from the Gile Flowage for each flow evaluated for the Level 3 Assessment.
>
> Boaters will begin each Level 3 Assessment run at the Gile Dam and will take-out at three locations to assess the flow using a provided evaluation form. The take-out locations were determined based on the Level 1 Assessment.
>
> Based on information gathered for the Level 2 Assessment, it was determined the Rock Cut Falls (Railroad Rapids) currently has a

log jam. This area is known to collect snags (American Whitewater). If the area continues to be impassable during the study, it will have to be portaged by the boaters and noted on the evaluation forms.
>
> Additional Information
> If you have boater recommendations for this study, information beneficial for the Level 1 Assessment of the reaches downstream of US Highway 2, additional information beneficial for the Level 2 Assessment, or additional date information for the 2007 study, please send the information to Jen Schuetz with Mead & Hunt at jen.schuetz@meadhunt.com.
>
> Any boater planning to attend or participate in the study will need to RSVP to Jen Schuetz with Mead & Hunt atjen.schuetz@meadhunt.com no later than June 3, 2022 to ensure the correct number of liability waivers and evaluation forms are available. If there are not enough liability waivers or evaluation forms available, a boater may not be able to participate in the study.
>
> Gile Park Meeting Location
> 14 Park Street, Gile, WI 54525
> Latitude: 46.425635°
> Longitude: -90.224094°
>
> <image001.png>
>
> You are also hereby invited to attend and observe the study. If you plan to attend, an RSVP is appreciated.
>
> Thank you.
>
>
> JEN SCHUETZ
> GIS AND COMPLIANCE SPECIALIST, WATER
> (She, Her, Hers)
> Mead & Hunt
> Direct: 608-443-0460 | Transfer Files meadhunt.com | LinkedIn |
> Twitter | Facebook | Instagram
> 120 YEARS OF SHAPING THE FUTURE
>
>

>
> <Gile Whitewater Study_Level 3 Assessment Map.pdf>

Jen Schuetz

From: Jen Schuetz
Sent: Thursday, June 2, 2022 10:04 AM
To: Jake Ring
Cc: Jen Schuetz
Subject: RE: Whitewater Boating Study for the Gile
Attachments: Gile Whitewater Study_Level 3 Assessment Map.pdf

Morning Jake:

The plan is to meet at the Gile Park on Saturday, June 11. The park is located at 14 Park Street, Gile, WI 54525. I do not know the lead-time paddlers need to get prepped, feel free to arrive at Gile Park any time that morning based on the anticipated first run to begin around 10:00 a.m.

That plan for right now is: each paddler will run the first selected flow (600 cfs for example) from Gile Dam to South Bridge, takeout to fill out the survey for Reach 1 (see attached map); put back in and paddle to Center Drive Bridge, takeout to fill out the survey for Reach 2; put back in and paddle to Kimball Falls Park Bridge, takeout to fill out the survey for Reach 3; and then return to Gile Park while the next selected flow ramps up/down and repeat for the second run. If time allows and there is paddler interest, a third run may occur.

There is an optional Reach 4 that may be run but is not required by the study plan determination from the Federal Regulatory Energy Commission. This optional reach from Kimball Falls Park Bridge to the USH 2 Bridge might be run depending on safety, egress options, and time. Kimball Falls Park Bridge provides a public access area to take-out/park, whereas no public takeout options/parking are available at the USH 2 Bridge. In additional, egress onto a US Highway is not ideal and there are homes nearby (no trespassing). Paddler safety is the main factor and we will discuss this optional reach with the paddlers on June 11 to gauge interest. If it is determine this reach will not be run, any information we obtain from the paddlers about the reach will be helpful to our study.

Please let me know if you have any other questions or need additional information prior to study.

What I need from you prior to the study is the names of paddlers or your best estimate of the number of paddlers. We need to bring the proper amount of supplies (clipboards, writing material, waivers, surveys, etc).

Thank you,

Jen

JEN SCHUETZ
GIS AND COMPLIANCE SPECIALIST, WATER
(She, Her, Hers)
Mead & Hunt
Direct: 608-443-0460 | Transfer Files
meadhunt.com | LinkedIn | Twitter | Facebook | Instagram

From: Jake Ring <jake@ringoproductions.com>
Sent: Thursday, June 2, 2022 8:39 AM
To: Jen Schuetz <jen.schuetz@meadhunt.com>
Subject: RE: Whitewater Boating Study for the Gile

I will attempt to get a rough list of who is interested. They will want to know what time and where to meet on Saturday morning. Also where the takeout will be since it mentions Kimball Park and US2 on the map. I'll share that info and get a list to you.

Jake

From: Jen Schuetz
Sent: Tuesday, May 31, 2022 10:32 AM
To: Jake Ring
Subject: RE: Whitewater Boating Study for the Gile

Good Morning!

We will propose to conduct the first flow at 600 cfs and after that portion of the study concludes, we can discuss with all the paddlers if 1,000 cfs would be best.

Do you have a list of potential paddlers for the study? If so, names would be beneficial so I can prep some paperwork before the study. We are targeting at least 10 volunteers, is that doable?

Thanks Jake,

Jen

JEN SCHUETZ
GIS AND COMPLIANCE SPECIALIST, WATER
(She, Her, Hers)
Mead & Hunt
Direct: 608-443-0460 | Transfer Files
meadhunt.com | LinkedIn | Twitter | Facebook | Instagram

From: Jake Ring <jake@ringoproductions.com>
Sent: Tuesday, May 31, 2022 10:26 AM
To: Jen Schuetz <jen.schuetz@meadhunt.com>
Subject: RE: Whitewater Boating Study for the Gile

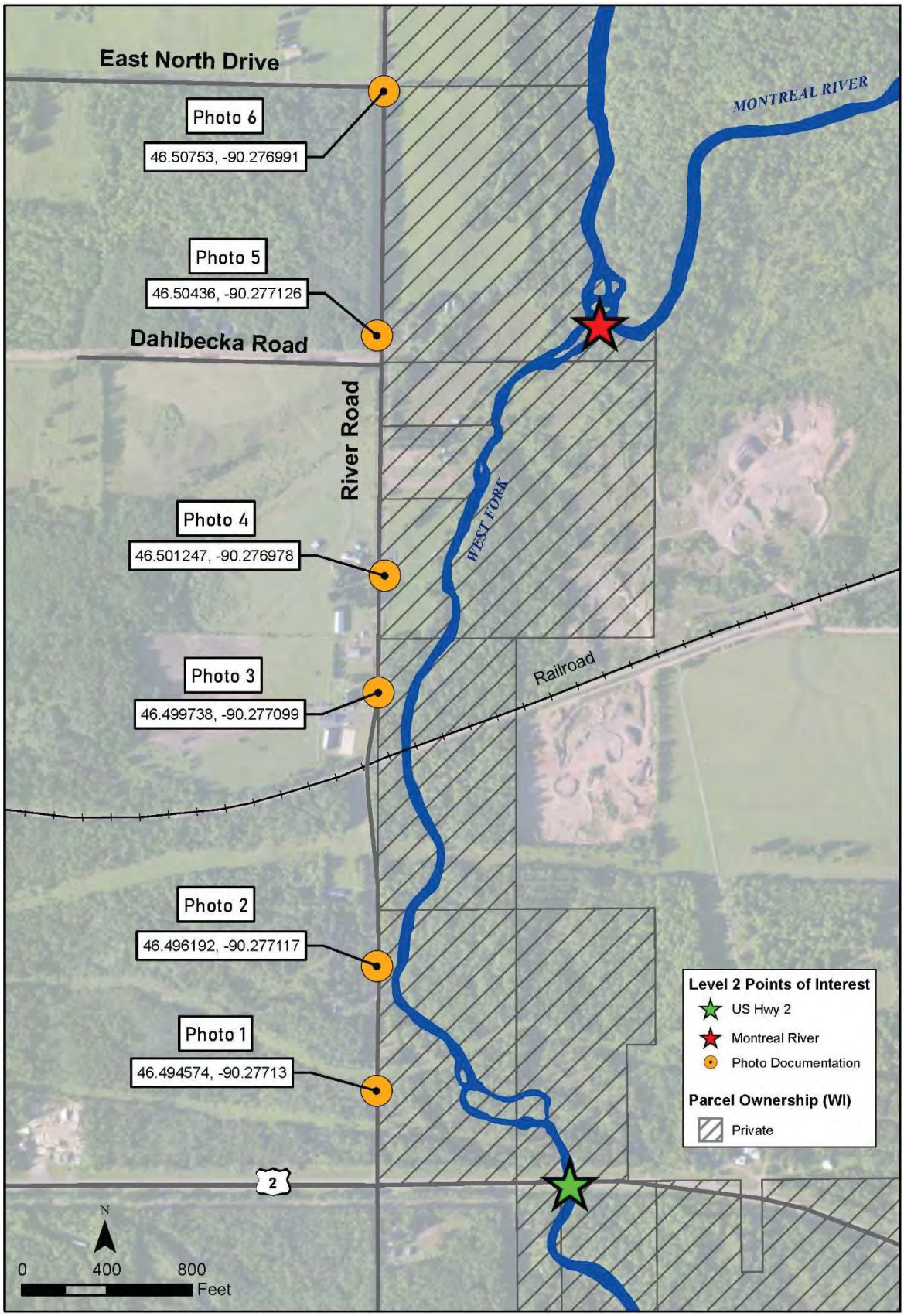
Hi Jen,

It sounds like if we are doing 2 flows, 600 cfs and 1000 cfs would make sense. As you might assume there is a lot of variation in paddler opinion related to proper flows and preferred levels. Let me know what you think and what else you need to know!

Jake

Appendix K Level 2 Assessment – Field Reconnaissance

Level 2 Assessment Field Reconnaissance – West Fork US Hwy 2 to Confluence with Montreal River Road Field Reconnaissance



River Road Photo 1

River Road Photo 2

River Road Photo 3

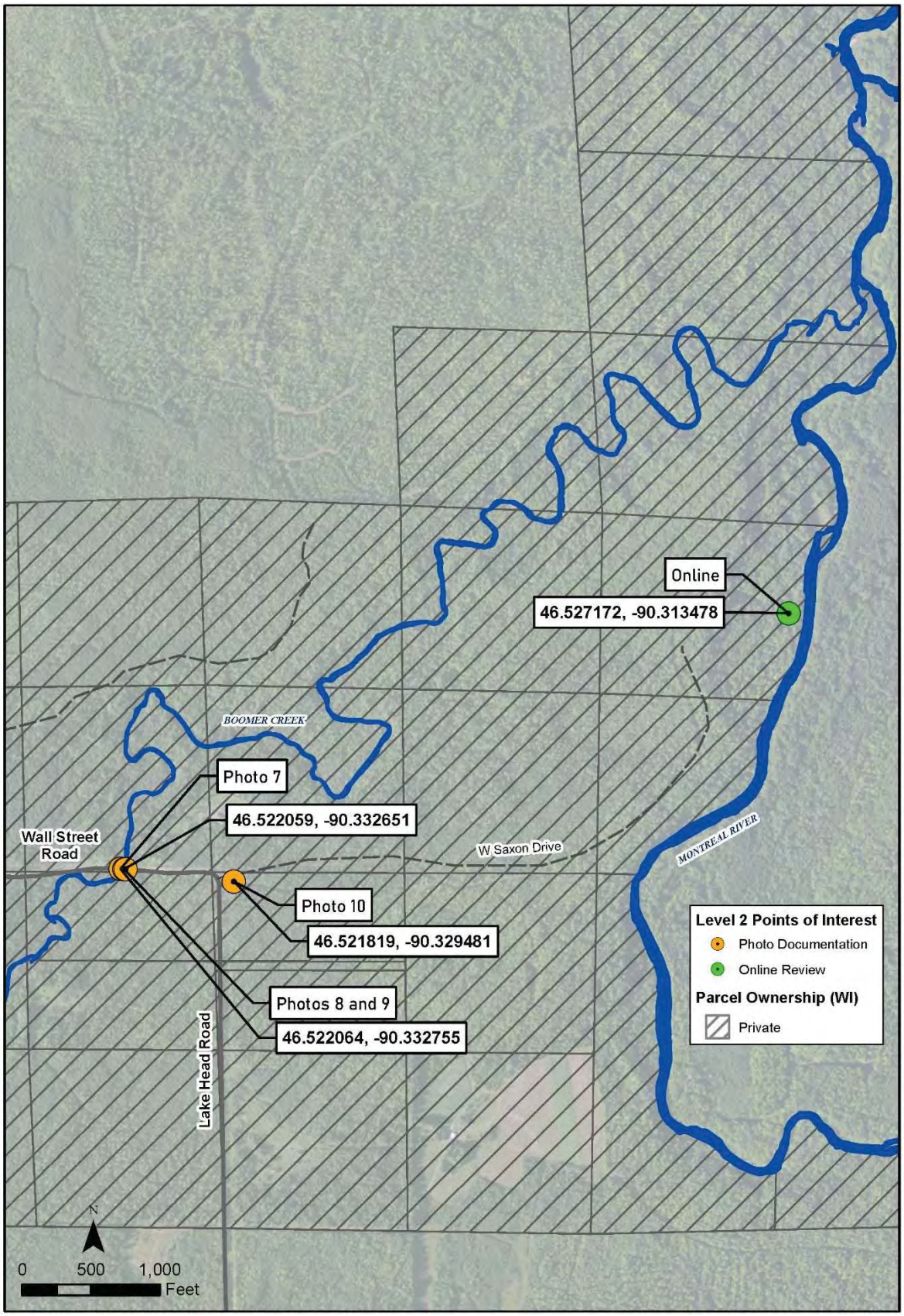
River Road Photo 4

River Road Photo 5

River Road Photo 6

Level 2 Assessment Field Reconnaissance – Confluence with Montreal to Saxon Falls

Wall Street Road, Lake Head Road, and W Saxon Drive Field Reconnaissance



Wall Street Road Bridge over Boomer Creek Photo 7

Boomer Creek Upstream from Bridge Photo 8

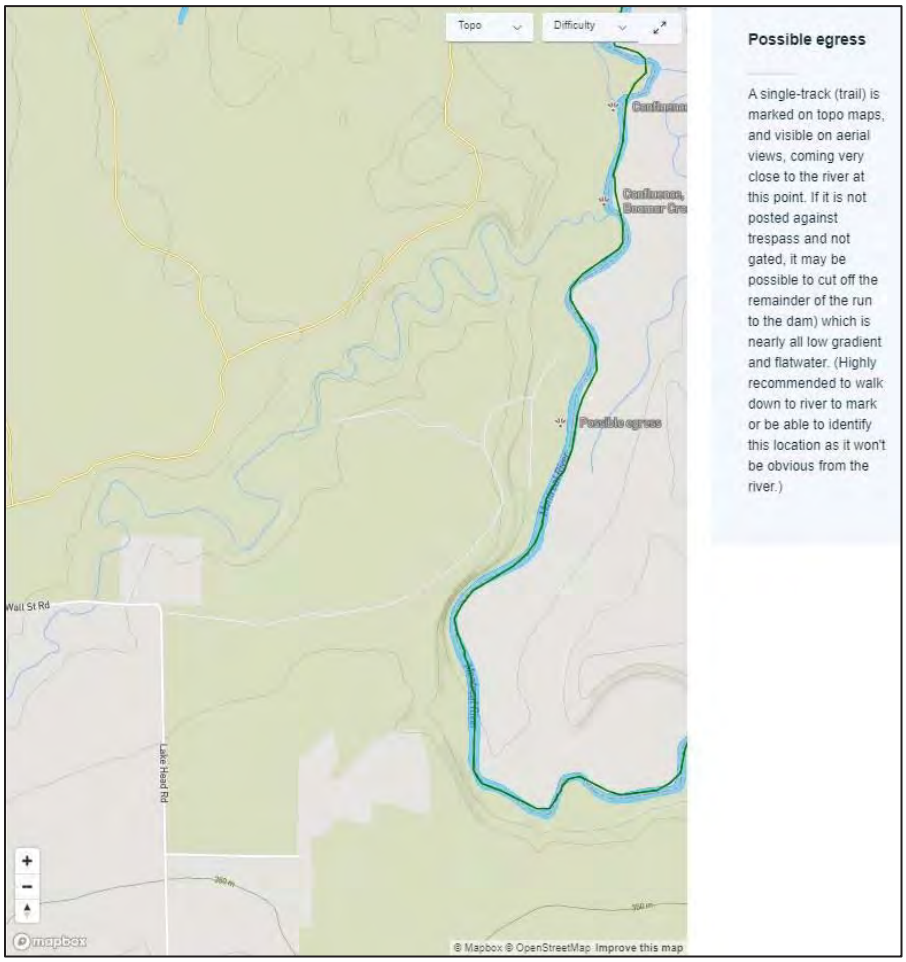
Boomer Creek Downtream from Bridge Photo 9

Lake Head Road Photo 10

Gate Access Locked east of Lake Head Road

Online Review

The American Whitewater website was reviewed for potential egress options along the Montreal River, which lists a possible egress option prior to reaching the confluence with Boomer Creek.[1] [2] Access to this location is across private property.



[1] https://www.americanwhitewater.org/content/River/view/river-detail/2825/main, accessed May 26, 2022.

[2] https://www.americanwhitewater.org/content/River/view/river-detail/2825/map ,accessed May 26, 2022.

Appendix L Level 3 Assessment – Correspondence

Note: redacted content does not pertain to the Gile Flowage Whitewater Study

Jen Schuetz

From: Jake Ring <jake@ringoproductions.com>
Sent: Wednesday, May 18, 2022 8:51 AM
To: Jen Schuetz
Cc: Jen Schuetz
Subject: RE: Whitewater Boating Study for the Gile

Categories: Filed by Newforma

Hello!

Got your voicemail. Don't worry about food, its not a big deal AT ALL and I just asked because someone on your side of things mentioned something last flow study and I had no clue at that point. No need to further discuss food, everyone will be self-sufficient as usual.

Good to know about the log jam. It will need to come out but yes, we will portage all hazards if that is the best option.

[redacted]
I will ask what the 2 most preferred flows are. I've gotten some feedback already and can see what the consensus is. When do you need to know by?

Jake

From: Jen Schuetz
Sent: Tuesday, May 17, 2022 10:11 AM
To: Jake Ring
Cc: Jen Schuetz
Subject: RE: Whitewater Boating Study for the Gile

Morning Jake:

I left you a voicemail a bit ago regarding food on the day(s) of the whitewater study at Gile.

I forgot to mention the log jam at Rock Cut Rapids. Simply stated, hydro owners/operators are not responsible for log jam removal and Xcel is unable to remove debris jams. This particular rapids is know for collecting debris, based on American Whitewater's website. I suspect you and the other boaters will scout the area and portage around it (you certainly understand this process much better than I do). This portage can be noted on the surveys that are filled out and will be incorporated into the study report.

A few more things for you:

[redacted]

3. Do you have an idea of what flow to start the Gile study with and what additional flows would be beneficial to test? I will be sending an email to AW and NPS this week and they will certainly ask what flows we plan to test.

Thank you again for your willingness to share your knowledge with me as I put this study together!

Jen

608-443-0460

JEN SCHUETZ
GIS AND COMPLIANCE SPECIALIST, WATER
(She, Her, Hers)
Mead & Hunt
Direct: 608-443-0460 | Transfer Files
meadhunt.com | LinkedIn | Twitter | Facebook | Instagram

From: Jake Ring <jake@ringoproductions.com>
Sent: Monday, May 16, 2022 8:47 AM
To: Jen Schuetz <jen.schuetz@meadhunt.com>
Subject: RE: Whitewater Boating Study for the Gile

No worries. I can take care of food and that is what we are used to.

I've been notified that there currently is a log jam in the main portion of Rock Cut Rapids area. Is there a way for you guys to remove that before the flow study? I am under the impression that it is completely impassable in that section due to the log jam location.

Jake

Appendix M Level 3 Assessment – Gile Flowage Whitewater Recreation Flow Public Notice

NEWS RELEASE

1414 West Hamilton Ave.
P.O. Box 8
Eau Claire, WI 54702-0008

Xcel Energy Media Relations
(715) 737-2565
www.xcelenergy.com

Xcel Energy to conduct Whitewater Flow Study Below Gile Flowage

EAU CLAIRE, Wis. (June 6, 2022) – Residents and recreationists who use the Gile Flowage may notice a minor drop in water levels this weekend while Xcel Energy conducts a Whitewater Flow Study downstream of the Gile Dam.

In 2020, the Federal Energy Regulatory Commission (FERC) issued an Order to Xcel Energy that found the Gile Flowage is required to be licensed. The FERC licensing process is a multi-year effort which involves a comprehensive assessment of environmental and recreational resources.

Beginning Saturday, June 11, there will likely be a modest drop in the reservoir elevation of two-three inches while the company performs a temporary increase in discharge from the dam, which is necessary to conduct the study. During that time nearly a dozen kayakers will participate in the study to determine:

- Access to and use of put-in and take-out locations.
- Identification of additional access points, if needed.
- Optimal and minimum flow releases for boating.
- Ideal time of year for boating this reach.
- Reach characteristics, such as local names for rapids or features.
- Difficulty rating and suitability for different types of watercraft.
- Safety concerns along the reach.
- Other boating resources in the area and how they compare.

The Whitewater Study is one of many studies that are part of the licensing process where the company is required to evaluate recreational opportunities that may exist below the dam, such as whitewater boating.

The licensing process includes numerous stakeholders including the Wisconsin Department of Natural Resources, Friends of the Gile, National Park Service, River Alliance of Wisconsin, U.S. Fish & Wildlife Service and Native American Tribes.

\# \# \#

The Gile Dam is one of 24 dams in Wisconsin owned and operated by Xcel Energy, 19 of which are hydroelectric facilities.

Appendix N Level 3 Assessment – Whitewater Study Participant Background Information

BOATER BACKGROUND INFORMATION

Please complete the following:

Name:	
Affiliation:	
Zip Code:	
Email:	
Preferred Craft:	

1. What is your current boating skill level (check one):

   Intermediate ☐ Advanced ☐ Expert ☐ Elite ☐

2. How many years have you been boating at this level: _____

3. In an average year, how many days do you boat: _____

4. Have you ever participated in a hydro relicensing whitewater boating study before: _____
   If yes, when (month/year or year) and for which river(s)/hydro project(s):

   _____

   _____

5. Have you boated this Reach (Gile Dam to Kimball Town Park) before today: _____
   If yes, how many times or how often: _____
   If yes, what were the flows: _____
   If yes, what type of craft(s) did you use: _____
   If no, why (challenge level, run length, did not know about it, other):

   _____

6. How far did you travel today to get to this location (miles): _____

Please respond to each statement about your overall river-running preferences:

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I prefer running rivers with fast water and small to no rapids (Class I/II/III).	5	4	3	2	1
I prefer running rivers with challenging rapids (Class IV).	5	4	3	2	1
I often boat short river segments (under 2 miles) to experience a unique and interesting place.	5	4	3	2	1
I often boat short river segments (under 2 miles) to take advantage of whitewater play areas.	5	4	3	2	1
I often boat short river segments (under 2 miles) to run challenging rapids.	5	4	3	2	1
Good whitewater play areas are more important than challenging rapids.	5	4	3	2	1
I am willing to tolerate difficult put-ins, portages, and take-outs to run interesting reaches of whitewater.	5	4	3	2	1
The most important consideration for planning my boating trips is running challenging whitewater.	5	4	3	2	1
The most important consideration for planning my boating trips is boating on a weekend, regardless of flow.	5	4	3	2	1

Difficulty – generally accepted definitions

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

BOATER BACKGROUND INFORMATION

Please complete the following:

Name:	Ben Bjorkman
Affiliation:	Kosir's Rafting
Zip Code:	49802
Email:	BenBjork@hotmail.com
Preferred Craft:	Raft

1. What is your current boating skill level (check one):

   Intermediate ☐ Advanced ☐ Expert ☒ Elite ☐

2. How many years have you been boating at this level: 6

3. In an average year, how many days do you boat: 75-100

4. Have you ever participated in a hydro relicensing whitewater boating study before: no
   If yes, when (month/year or year) and for which river(s)/hydro project(s):

   _____

   _____

5. Have you boated this Reach (Gile Dam to Kimball Town Park) before today: no
   If yes, how many times or how often: _____
   If yes, what were the flows: _____
   If yes, what type of craft(s) did you use: _____
   If no, why (challenge level, run length, did not know about it, other):

   _____

6. How far did you travel today to get to this location (miles): 200

Please respond to each statement about your overall river-running preferences:

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I prefer running rivers with fast water and small to no rapids (Class I/II/III).	5	4	3	2	(1)
I prefer running rivers with challenging rapids (Class IV).	(5)	4	3	2	1
I often boat short river segments (under 2 miles) to experience a unique and interesting place.	5	4	(3)	2	1
I often boat short river segments (under 2 miles) to take advantage of whitewater play areas.	5	(4)	3	2	1
I often boat short river segments (under 2 miles) to run challenging rapids.	5	(4)	3	2	1
Good whitewater play areas are more important than challenging rapids.	5	4	(3)	2	1
I am willing to tolerate difficult put-ins, portages, and take-outs to run interesting reaches of whitewater.	(5)	4	3	2	1
The most important consideration for planning my boating trips is running challenging whitewater.	5	4	(3)	2	1
The most important consideration for planning my boating trips is boating on a weekend, regardless of flow.	5	4	(3)	2	1

Difficulty – generally accepted definitions

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

BOATER BACKGROUND INFORMATION

Please complete the following:

Name:	Jason Blankenheim
Affiliation:	Sioux Empire Paddlers
Zip Code:	57110
Email:	Jasonblankenheim@gmail.com
Preferred Craft:	Kayak

1. What is your current boating skill level (check one):

   Intermediate [X] Advanced [ ] Expert [ ] Elite [ ]

2. How many years have you been boating at this level: 3

3. In an average year, how many days do you boat: 30

4. Have you ever participated in a hydro relicensing whitewater boating study before: _____
   If yes, when (month/year or year) and for which river(s)/hydro project(s):
   NO

5. Have you boated this Reach (Gile Dam to Kimball Town Park) before today: No
   If yes, how many times or how often: _____
   If yes, what were the flows: _____
   If yes, what type of craft(s) did you use: _____
   If no, why (challenge level, run length, did not know about it, other):

6. How far did you travel today to get to this location (miles): 450 Miles

Please respond to each statement about your overall river-running preferences:

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I prefer running rivers with fast water and small to no rapids (Class I/II/III).	5	4	3	2	1
I prefer running rivers with challenging rapids (Class IV).	5	4	3	2	1
I often boat short river segments (under 2 miles) to experience a unique and interesting place.	5	4	3	2	1
I often boat short river segments (under 2 miles) to take advantage of whitewater play areas.	5	4	3	2	1
I often boat short river segments (under 2 miles) to run challenging rapids.	5	4	3	2	1
Good whitewater play areas are more important than challenging rapids.	5	4	3	2	1
I am willing to tolerate difficult put-ins, portages, and take-outs to run interesting reaches of whitewater.	5	4	3	2	1
The most important consideration for planning my boating trips is running challenging whitewater.	5	4	3	2	1
The most important consideration for planning my boating trips is boating on a weekend, regardless of flow.	5	4	3	2	1

Difficulty – generally accepted definitions

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

BOATER BACKGROUND INFORMATION

Please complete the following:

Name:	BRIAN CASTILLO
Affiliation:	
Zip Code:	54891
Email:	dynamicwaters@gmail.com
Preferred Craft:	HARDSHELL KAYAK

1. What is your current boating skill level (check one):

   Intermediate ☐ Advanced ☑ Expert ☐ Elite ☐

2. How many years have you been boating at this level: 20

3. In an average year, how many days do you boat: 60 - 100

4. Have you ever participated in a hydro relicensing whitewater boating study before: NO
   If yes, when (month/year or year) and for which river(s)/hydro project(s):

5. Have you boated this Reach (Gile Dam to Kimball Town Park) before today: YES
   If yes, how many times or how often: TRY TO WHENEVER IT RUNS
   If yes, what were the flows: 650, 1600, 1200, 1600
   If yes, what type of craft(s) did you use: HARDSHELL KAYAK
   If no, why (challenge level, run length, did not know about it, other):

6. How far did you travel today to get to this location (miles): 50

Please respond to each statement about your overall river-running preferences:

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I prefer running rivers with fast water and small to no rapids (Class I/II/III).	5	4	3	2	1
I prefer running rivers with challenging rapids (Class IV).	5	(4)	3	2	1
I often boat short river segments (under 2 miles) to experience a unique and interesting place.	5	4	(3)	2	1
I often boat short river segments (under 2 miles) to take advantage of whitewater play areas.	5	4	(3)	2	1
I often boat short river segments (under 2 miles) to run challenging rapids.	5	4	(3)	2	1
Good whitewater play areas are more important than challenging rapids.	5	(4)	3	2	1
I am willing to tolerate difficult put-ins, portages, and take-outs to run interesting reaches of whitewater.	(5)	4	3	2	1
The most important consideration for planning my boating trips is running challenging whitewater.	5	(4)	3	2	1
The most important consideration for planning my boating trips is boating on a weekend, regardless of flow.	5	(4)	3	2	1

Difficulty – generally accepted definitions

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

BOATER BACKGROUND INFORMATION

Please complete the following:

Name:	Aaron Erdrich
Affiliation:	
Zip Code:	54501
Email:	aaron_Erdrich@Hotmail.com
Preferred Craft:	Raft

1. What is your current boating skill level (check one):

   Intermediate ☐ Advanced ☐ Expert ☒ Elite ☐

2. How many years have you been boating at this level: 15 years

3. In an average year, how many days do you boat: 100 days

4. Have you ever participated in a hydro relicensing whitewater boating study before: No
   If yes, when (month/year or year) and for which river(s)/hydro project(s):

5. Have you boated this Reach (Gile Dam to Kimball Town Park) before today: Yes
   If yes, how many times or how often: 100
   If yes, what were the flows: 900 - 2000
   If yes, what type of craft(s) did you use: Raft
   If no, why (challenge level, run length, did not know about it, other):

6. How far did you travel today to get to this location (miles): 1700

Please respond to each statement about your overall river-running preferences:

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I prefer running rivers with fast water and small to no rapids (Class I/II/III).	5	(4)	3	2	1
I prefer running rivers with challenging rapids (Class IV).	5	(4)	3	2	1
I often boat short river segments (under 2 miles) to experience a unique and interesting place.	5	4	(3)	2	1
I often boat short river segments (under 2 miles) to take advantage of whitewater play areas.	5	4	(3)	2	1
I often boat short river segments (under 2 miles) to run challenging rapids.	5	4	(3)	2	1
Good whitewater play areas are more important than challenging rapids.	5	4	3	(2)	1
I am willing to tolerate difficult put-ins, portages, and take-outs to run interesting reaches of whitewater.	(5)	4	3	2	1
The most important consideration for planning my boating trips is running challenging whitewater.	5	4	(3)	2	1
The most important consideration for planning my boating trips is boating on a weekend, regardless of flow.	5	4	(3)	2	1

Difficulty – generally accepted definitions

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

BOATER BACKGROUND INFORMATION

Please complete the following:

Name:	Matthew Hanson
Affiliation:	
Zip Code:	
Email:	
Preferred Craft:	

1. What is your current boating skill level (check one):

   Intermediate ☐ Advanced ☐ Expert ☒ Elite ☐

2. How many years have you been boating at this level: 7

3. In an average year, how many days do you boat: 10+1

4. Have you ever participated in a hydro relicensing whitewater boating study before: No
   If yes, when (month/year or year) and for which river(s)/hydro project(s):

   _____

   _____

5. Have you boated this Reach (Gile Dam to Kimball Town Park) before today: No
   If yes, how many times or how often: _____
   If yes, what were the flows: _____
   If yes, what type of craft(s) did you use: _____
   If no, why (challenge level, run length, did not know about it, other):

   _____

6. How far did you travel today to get to this location (miles): 240

Please respond to each statement about your overall river-running preferences:

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I prefer running rivers with fast water and small to no rapids (Class I/II/III).	5	4	3	2	1
I prefer running rivers with challenging rapids (Class IV).	5	4	3	2	1
I often boat short river segments (under 2 miles) to experience a unique and interesting place.	5	4	3	2	1
I often boat short river segments (under 2 miles) to take advantage of whitewater play areas.	5	4	3	2	1
I often boat short river segments (under 2 miles) to run challenging rapids.	5	4	3	2	1
Good whitewater play areas are more important than challenging rapids.	5	4	3	2	1
I am willing to tolerate difficult put-ins, portages, and take-outs to run interesting reaches of whitewater.	5	4	3	2	1
The most important consideration for planning my boating trips is running challenging whitewater.	5	4	3	2	1
The most important consideration for planning my boating trips is boating on a weekend, regardless of flow.	5	4	3	2	1

Difficulty – generally accepted definitions

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

BOATER BACKGROUND INFORMATION

Please complete the following:

Name:	Elita Hecimovich
Affiliation:	Former Raft Guide / part time
Zip Code:	49801
Email:	elita.hecimovich@yahoo.com
Preferred Craft:	inflatable raft

1. What is your current boating skill level (check one):

   Intermediate ☐ Advanced ☐ Expert ☑ Elite ☐

2. How many years have you been boating at this level: 9 years

3. In an average year, how many days do you boat: 15 days

4. Have you ever participated in a hydro relicensing whitewater boating study before: NO
   If yes, when (month/year or year) and for which river(s)/hydro project(s):

   _____

   _____

5. Have you boated this Reach (Gile Dam to Kimball Town Park) before today: NO
   If yes, how many times or how often: _____
   If yes, what were the flows: _____
   If yes, what type of craft(s) did you use: _____
   If no, why (challenge level, run length, did not know about it, other):

   _____

6. How far did you travel today to get to this location (miles): 110

Please respond to each statement about your overall river-running preferences:

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I prefer running rivers with fast water and small to no rapids (Class I/II/III).	5	4	3	2	(1)
I prefer running rivers with challenging rapids (Class IV).	(5)	4	3	2	1
I often boat short river segments (under 2 miles) to experience a unique and interesting place.	(5)	4	3	2	1
I often boat short river segments (under 2 miles) to take advantage of whitewater play areas.	5	4	(3)	2	1
I often boat short river segments (under 2 miles) to run challenging rapids.	(5)	4	3	2	1
Good whitewater play areas are more important than challenging rapids.	5	4	(3)	2	1
I am willing to tolerate difficult put-ins, portages, and take-outs to run interesting reaches of whitewater.	(5)	4	3	2	1
The most important consideration for planning my boating trips is running challenging whitewater.	5	(4)	3	2	1
The most important consideration for planning my boating trips is boating on a weekend, regardless of flow.	5	4	(3)	2	1

Difficulty – generally accepted definitions

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

BOATER BACKGROUND INFORMATION

Please complete the following:

Name:	Austin Izzo
Affiliation:	
Zip Code:	49801
Email:	Austin-izzo@yahoo.com
Preferred Craft:	Raft

1. What is your current boating skill level (check one):

   Intermediate [✓] Advanced [ ] Expert [ ] Elite [ ]

2. How many years have you been boating at this level: 7

3. In an average year, how many days do you boat: 10-20

4. Have you ever participated in a hydro relicensing whitewater boating study before: NO
   If yes, when (month/year or year) and for which river(s)/hydro project(s):

5. Have you boated this Reach (Gile Dam to Kimball Town Park) before today: NO
   If yes, how many times or how often:
   If yes, what were the flows:
   If yes, what type of craft(s) did you use:
   If no, why (challenge level, run length, did not know about it, other):

6. How far did you travel today to get to this location (miles): 110 miles

Please respond to each statement about your overall river-running preferences:

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I prefer running rivers with fast water and small to no rapids (Class I/II/III).	5	4	3	2	(1)
I prefer running rivers with challenging rapids (Class IV).	5	(4)	3	2	1
I often boat short river segments (under 2 miles) to experience a unique and interesting place.	5	4	(3)	2	1
I often boat short river segments (under 2 miles) to take advantage of whitewater play areas.	5	(4)	3	2	1
I often boat short river segments (under 2 miles) to run challenging rapids.	5	(4)	3	2	1
Good whitewater play areas are more important than challenging rapids.	5	4	(3)	2	1
I am willing to tolerate difficult put-ins, portages, and take-outs to run interesting reaches of whitewater.	(5)	4	3	2	1
The most important consideration for planning my boating trips is running challenging whitewater.	(5)	4	3	2	1
The most important consideration for planning my boating trips is boating on a weekend, regardless of flow.	5	4	(3)	2	1

Difficulty – generally accepted definitions

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

BOATER BACKGROUND INFORMATION

Please complete the following:

Name:	Tim Kordeck
Affiliation:	
Zip Code:	49938
Email:	Tkord7@aol.com
Preferred Craft:	Kayak

1. What is your current boating skill level (check one):

   Intermediate ☐ Advanced ☐ Expert ☑ Elite ☐

2. How many years have you been boating at this level: 4

3. In an average year, how many days do you boat: 30

4. Have you ever participated in a hydro relicensing whitewater boating study before: Yes
   If yes, when (month/year or year) and for which river(s)/hydro project(s):
   Montreal Canyon 2021 XCEL

5. Have you boated this Reach (Gile Dam to Kimball Town Park) before today: Yes
   If yes, how many times or how often: once
   If yes, what were the flows: 1200 cfs
   If yes, what type of craft(s) did you use: Kayak
   If no, why (challenge level, run length, did not know about it, other):

6. How far did you travel today to get to this location (miles): 5

Please respond to each statement about your overall river-running preferences:

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I prefer running rivers with fast water and small to no rapids (Class I/II/III).	5	4	3	2	1
I prefer running rivers with challenging rapids (Class IV).	(5)	4	3	2	(1)
I often boat short river segments (under 2 miles) to experience a unique and interesting place.	(5)	4	3	2	1
I often boat short river segments (under 2 miles) to take advantage of whitewater play areas.	5	(4)	3	2	1
I often boat short river segments (under 2 miles) to run challenging rapids.	(5)	4	3	2	1
Good whitewater play areas are more important than challenging rapids.	5	4	3	(2)	1
I am willing to tolerate difficult put-ins, portages, and take-outs to run interesting reaches of whitewater.	(5)	4	3	2	1
The most important consideration for planning my boating trips is running challenging whitewater.	5	4	(3)	2	1
The most important consideration for planning my boating trips is boating on a weekend, regardless of flow.	5	(4)	3	2	1

Difficulty – generally accepted definitions

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

BOATER BACKGROUND INFORMATION

Please complete the following:

Name:	Brian Krueger
Affiliation:	
Zip Code:	53221
Email:	osv@wi.rr.com
Preferred Craft:	K1

1. What is your current boating skill level (check one):

   Intermediate ☐ Advanced ☐ Expert ☒ Elite ☐

2. How many years have you been boating at this level: 20+

3. In an average year, how many days do you boat: 20

4. Have you ever participated in a hydro relicensing whitewater boating study before: No
   If yes, when (month/year or year) and for which river(s)/hydro project(s):

5. Have you boated this Reach (Gile Dam to Kimball Town Park) before today: yes
   If yes, how many times or how often: 1
   If yes, what were the flows: 2 spring runoff (high)
   If yes, what type of craft(s) did you use: K1
   If no, why (challenge level, run length, did not know about it, other):

6. How far did you travel today to get to this location (miles): 300

Please respond to each statement about your overall river-running preferences:

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I prefer running rivers with fast water and small to no rapids (Class I/II/III).	5	4	3	(2)	1
I prefer running rivers with challenging rapids (Class IV).	(5)	4	3	2	1
I often boat short river segments (under 2 miles) to experience a unique and interesting place.	(5)	4	3	2	1
I often boat short river segments (under 2 miles) to take advantage of whitewater play areas.	(5)	4	3	2	1
I often boat short river segments (under 2 miles) to run challenging rapids.	(5)	4	3	2	1
Good whitewater play areas are more important than challenging rapids.	5	4	(3)	2	1
I am willing to tolerate difficult put-ins, portages, and take-outs to run interesting reaches of whitewater.	5	(4)	3	2	1
The most important consideration for planning my boating trips is running challenging whitewater.	5	4	(3)	2	1
The most important consideration for planning my boating trips is boating on a weekend, regardless of flow.	5	4	3	(2)	1

Difficulty – generally accepted definitions

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

BOATER BACKGROUND INFORMATION

Please complete the following:

Name:	TONY LOCKEN
Affiliation:	Kayaker
Zip Code:	55318
Email:	alocken10@yahoo.com
Preferred Craft:	

1. What is your current boating skill level (check one):

   Intermediate ☐ Advanced ☐ Expert ☒ Elite ☐

2. How many years have you been boating at this level: 10 years

3. In an average year, how many days do you boat: 50

4. Have you ever participated in a hydro relicensing whitewater boating study before: NO
   If yes, when (month/year or year) and for which river(s)/hydro project(s):

   _____

   _____

5. Have you boated this Reach (Gile Dam to Kimball Town Park) before today: Yes
   If yes, how many times or how often: 2 times
   If yes, what were the flows: once high water, once low
   If yes, what type of craft(s) did you use: Kayak
   If no, why (challenge level, run length, did not know about it, other):

   _____

6. How far did you travel today to get to this location (miles): Minneapolis, 5 hours

Please respond to each statement about your overall river-running preferences:

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I prefer running rivers with fast water and small to no rapids (Class I/II/III).	5	4	(3)	2	1
I prefer running rivers with challenging rapids (Class IV).	(5)	4	3	2	1
I often boat short river segments (under 2 miles) to experience a unique and interesting place.	5	4	(3)	2	1
I often boat short river segments (under 2 miles) to take advantage of whitewater play areas.	5	4	(3)	2	1
I often boat short river segments (under 2 miles) to run challenging rapids.	5	4	(3)	2	1
Good whitewater play areas are more important than challenging rapids.	5	4	3	(2)	1
I am willing to tolerate difficult put-ins, portages, and take-outs to run interesting reaches of whitewater.	5	(4)	3	2	1
The most important consideration for planning my boating trips is running challenging whitewater.	(5)	4	3	2	1
The most important consideration for planning my boating trips is boating on a weekend, regardless of flow.	(5)	4	3	2	1

Difficulty – generally accepted definitions

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

BOATER BACKGROUND INFORMATION

Please complete the following:

Name:	Hunter Rackliffe
Affiliation:	Rapid Riders
Zip Code:	55808
Email:	h.rackliffe218@gmail.com
Preferred Craft:	kayak

1. What is your current boating skill level (check one):

   Intermediate ☐ Advanced ☐ Expert ☒ Elite ☐

2. How many years have you been boating at this level: 3

3. In an average year, how many days do you boat: 40-50

4. Have you ever participated in a hydro relicensing whitewater boating study before: No
   If yes, when (month/year or year) and for which river(s)/hydro project(s):

5. Have you boated this Reach (Gile Dam to Kimball Town Park) before today: No
   If yes, how many times or how often: NA
   If yes, what were the flows: NA
   If yes, what type of craft(s) did you use: NA
   If no, why (challenge level, run length, did not know about it, other): NA

6. How far did you travel today to get to this location (miles): 130 miles

Please respond to each statement about your overall river-running preferences:

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I prefer running rivers with fast water and small to no rapids (Class I/II/III).	5	4	3	2	1
I prefer running rivers with challenging rapids (Class IV).	5	4	3	2	1
I often boat short river segments (under 2 miles) to experience a unique and interesting place.	5	4	3	2	1
I often boat short river segments (under 2 miles) to take advantage of whitewater play areas.	5	4	3	2	1
I often boat short river segments (under 2 miles) to run challenging rapids.	5	4	3	2	1
Good whitewater play areas are more important than challenging rapids.	5	4	3	2	1
I am willing to tolerate difficult put-ins, portages, and take-outs to run interesting reaches of whitewater.	5	4	3	2	1
The most important consideration for planning my boating trips is running challenging whitewater.	5	4	3	2	1
The most important consideration for planning my boating trips is boating on a weekend, regardless of flow.	5	4	3	2	1

Difficulty – generally accepted definitions

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

BOATER BACKGROUND INFORMATION

Please complete the following:

Name:	John Ray
Affiliation:	Raft Guide
Zip Code:	49802
Email:	JohnRay605@Yahoo.com
Preferred Craft:	Cronin Hyll Ducky

1. What is your current boating skill level (check one):

   Intermediate [✓] Advanced [ ] Expert [ ] Elite [ ]

2. How many years have you been boating at this level: 6

3. In an average year, how many days do you boat: 25

4. Have you ever participated in a hydro relicensing whitewater boating study before: No

   If yes, when (month/year or year) and for which river(s)/hydro project(s):

   _____

   _____

5. Have you boated this Reach (Gile Dam to Kimball Town Park) before today: No

   If yes, how many times or how often: _____

   If yes, what were the flows: _____

   If yes, what type of craft(s) did you use: _____

   If no, why (challenge level, run length, did not know about it, other):

   _____

6. How far did you travel today to get to this location (miles): 116 miles, I think from Kingsford, MI

Please respond to each statement about your overall river-running preferences:

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I prefer running rivers with fast water and small to no rapids (Class I/II/III).	5	4	3	(2)	1
I prefer running rivers with challenging rapids (Class IV).	5	(4)	3	2	1
I often boat short river segments (under 2 miles) to experience a unique and interesting place.	(5)	4	3	2	1
I often boat short river segments (under 2 miles) to take advantage of whitewater play areas.	5	(4)	3	2	1
I often boat short river segments (under 2 miles) to run challenging rapids.	5	(4)	3	2	1
Good whitewater play areas are more important than challenging rapids.	5	4	(3)	2	1
I am willing to tolerate difficult put-ins, portages, and take-outs to run interesting reaches of whitewater.	5	(4)	3	2	1
The most important consideration for planning my boating trips is running challenging whitewater.	5	4	(3)	2	1
The most important consideration for planning my boating trips is boating on a weekend, regardless of flow.	(5)	4	3	2	1

Difficulty – generally accepted definitions

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

BOATER BACKGROUND INFORMATION

Please complete the following:

Name:	Jake Ring
Affiliation:	Boater liason
Zip Code:	49938
Email:	ringjaked@gmail.com
Preferred Craft:	raft

1. What is your current boating skill level (check one):

   Intermediate ☐ Advanced ☐ Expert ☒ Elite ☐

2. How many years have you been boating at this level: 6

3. In an average year, how many days do you boat: 50

4. Have you ever participated in a hydro relicensing whitewater boating study before: yes
   If yes, when (month/year or year) and for which river(s)/hydro project(s):
   2021 Montreal Canyon

5. Have you boated this Reach (Gile Dam to Kimball Town Park) before today: No
   If yes, how many times or how often: _____
   If yes, what were the flows: _____
   If yes, what type of craft(s) did you use: _____
   If no, why (challenge level, run length, did not know about it, other):
   Usually somewhere else, hard to catch up.

6. How far did you travel today to get to this location (miles): 10

Please respond to each statement about your overall river-running preferences:

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I prefer running rivers with fast water and small to no rapids (Class I/II/III).	5	4	3	2	(1)
I prefer running rivers with challenging rapids (Class IV).	(5)	4	3	2	1
I often boat short river segments (under 2 miles) to experience a unique and interesting place.	(5)	4	3	2	1
I often boat short river segments (under 2 miles) to take advantage of whitewater play areas.	(5)	4	3	2	1
I often boat short river segments (under 2 miles) to run challenging rapids.	(5)	4	3	2	1
Good whitewater play areas are more important than challenging rapids.	5	4	(3)	2	1
I am willing to tolerate difficult put-ins, portages, and take-outs to run interesting reaches of whitewater.	(5)	4	3	2	1
The most important consideration for planning my boating trips is running challenging whitewater.	5	(4)	3	2	1
The most important consideration for planning my boating trips is boating on a weekend, regardless of flow.	5	4	(3)	2	1

Difficulty – generally accepted definitions

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

BOATER BACKGROUND INFORMATION

Please complete the following:

Name:	Brian Robin
Affiliation:	RapidRiders
Zip Code:	55372
Email:	snwbdr94@yahoo.com
Preferred Craft:	Whitewater Kayak

1. What is your current boating skill level (check one):

   Intermediate ☐ Advanced ☐ Expert ☑ Elite ☐

2. How many years have you been boating at this level: 8

3. In an average year, how many days do you boat: 60

4. Have you ever participated in a hydro relicensing whitewater boating study before: no
   If yes, when (month/year or year) and for which river(s)/hydro project(s):

5. Have you boated this Reach (Gile Dam to Kimball Town Park) before today: Yes
   If yes, how many times or how often: 1 or 2
   If yes, what were the flows: unsure
   If yes, what type of craft(s) did you use: Kayak - creeker
   If no, why (challenge level, run length, did not know about it, other):

6. How far did you travel today to get to this location (miles): From Prior Lake, MN (4.5 hrs)

Please respond to each statement about your overall river-running preferences:

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I prefer running rivers with fast water and small to no rapids (Class I/II/III).	5	(4)	3	2	1
I prefer running rivers with challenging rapids (Class IV).	(5)	4	3	2	1
I often boat short river segments (under 2 miles) to experience a unique and interesting place.	5	(4)	3	2	1
I often boat short river segments (under 2 miles) to take advantage of whitewater play areas.	5	(4)	3	2	1
I often boat short river segments (under 2 miles) to run challenging rapids.	(5)	4	3	2	1
Good whitewater play areas are more important than challenging rapids.	5	(4)	3	2	1
I am willing to tolerate difficult put-ins, portages, and take-outs to run interesting reaches of whitewater.	(5)	4	3	2	1
The most important consideration for planning my boating trips is running challenging whitewater.	(5)	4	3	2	1
The most important consideration for planning my boating trips is boating on a weekend, regardless of flow.	5	4	3	2	(1)

Difficulty – generally accepted definitions

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

BOATER BACKGROUND INFORMATION

Please complete the following:

Name:	Nathan Spindler
Affiliation:	Rapids Riders
Zip Code:	54703
Email:	spindler26@gmail.com
Preferred Craft:	Kayak

1. What is your current boating skill level (check one):

   Intermediate [X] Advanced [ ] Expert [ ] Elite [ ]

2. How many years have you been boating at this level: 2

3. In an average year, how many days do you boat: 50+

4. Have you ever participated in a hydro relicensing whitewater boating study before: NO
   If yes, when (month/year or year) and for which river(s)/hydro project(s):

5. Have you boated this Reach (Gile Dam to Kimball Town Park) before today: NO
   If yes, how many times or how often:
   If yes, what were the flows:
   If yes, what type of craft(s) did you use:
   If no, why (challenge level, run length, did not know about it, other):

6. How far did you travel today to get to this location (miles): 150 miles

Please respond to each statement about your overall river-running preferences:

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I prefer running rivers with fast water and small to no rapids (Class I/II/III).	5	4	3	(2)	1
I prefer running rivers with challenging rapids (Class IV).	(5)	4	3	2	1
I often boat short river segments (under 2 miles) to experience a unique and interesting place.	(5)	4	3	2	1
I often boat short river segments (under 2 miles) to take advantage of whitewater play areas.	(5)	4	3	2	1
I often boat short river segments (under 2 miles) to run challenging rapids.	(5)	4	3	2	1
Good whitewater play areas are more important than challenging rapids.	5	(4)	3	2	1
I am willing to tolerate difficult put-ins, portages, and take-outs to run interesting reaches of whitewater.	(5)	4	3	2	1
The most important consideration for planning my boating trips is running challenging whitewater.	5	4	(3)	2	1
The most important consideration for planning my boating trips is boating on a weekend, regardless of flow.	5	(4)	3	2	1

Difficulty – generally accepted definitions

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

BOATER BACKGROUND INFORMATION

Please complete the following:

Name:	Kayla Sturgeon
Affiliation:	Rapids Riders
Zip Code:	55444
Email:	kjoachim17@gmail.com
Preferred Craft:	Kayak

1. What is your current boating skill level (check one):

   Intermediate ☐ Advanced ☒ Expert ☐ Elite ☐

2. How many years have you been boating at this level: 4

3. In an average year, how many days do you boat: 40-50

4. Have you ever participated in a hydro relicensing whitewater boating study before: No
   If yes, when (month/year or year) and for which river(s)/hydro project(s):

5. Have you boated this Reach (Gile Dam to Kimball Town Park) before today: No
   If yes, how many times or how often:
   If yes, what were the flows:
   If yes, what type of craft(s) did you use:
   If no, why (challenge level, run length, did not know about it, other):
   When overflow from dam, have other closer options we have boated to date. No known dam releases (before today)

6. How far did you travel today to get to this location (miles): Brooklyn Park, MN

Please respond to each statement about your overall river-running preferences:

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I prefer running rivers with fast water and small to no rapids (Class I/II/III).	5	4	3	2	1
I prefer running rivers with challenging rapids (Class IV).	5	4	3	2	1
I often boat short river segments (under 2 miles) to experience a unique and interesting place.	5	4	3	2	1
I often boat short river segments (under 2 miles) to take advantage of whitewater play areas.	5	4	3	2	1
I often boat short river segments (under 2 miles) to run challenging rapids.	5	4	3	2	1
Good whitewater play areas are more important than challenging rapids.	5	4	3	2	1
I am willing to tolerate difficult put-ins, portages, and take-outs to run interesting reaches of whitewater.	5	4	3	2	1
The most important consideration for planning my boating trips is running challenging whitewater.	5	4	3	2	1
The most important consideration for planning my boating trips is boating on a weekend, regardless of flow.	5	4	3	2	1

Difficulty – generally accepted definitions

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

BOATER BACKGROUND INFORMATION

Please complete the following:

Name:	Matt Stinson
Affiliation:	Rapids Riders.org
Zip Code:	55429
Email:	Xcommgg@Gmail.com
Preferred Craft:	Kayak

1. What is your current boating skill level (check one):

   Intermediate ☐ Advanced ☑ Expert ☐ Elite ☐

2. How many years have you been boating at this level: 4

3. In an average year, how many days do you boat: 40-50

4. Have you ever participated in a hydro relicensing whitewater boating study before: No
   If yes, when (month/year or year) and for which river(s)/hydro project(s):

5. Have you boated this Reach (Gile Dam to Kimball Town Park) before today: No
   If yes, how many times or how often:
   If yes, what were the flows:
   If yes, what type of craft(s) did you use:
   If no, why (challenge level, run length, did not know about it, other):
   No options that I was aware of before this

6. How far did you travel today to get to this location (miles): Minneapolis

Please respond to each statement about your overall river-running preferences:

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I prefer running rivers with fast water and small to no rapids (Class I/II/III).	5	4	3	(2)	1
I prefer running rivers with challenging rapids (Class IV).	5	(4)	3	2	1
I often boat short river segments (under 2 miles) to experience a unique and interesting place.	5	4	(3)	2	1
I often boat short river segments (under 2 miles) to take advantage of whitewater play areas.	(5)	4	3	2	1
I often boat short river segments (under 2 miles) to run challenging rapids.	(5)	4	3	2	1
Good whitewater play areas are more important than challenging rapids.	5	4	(3)	2	1
I am willing to tolerate difficult put-ins, portages, and take-outs to run interesting reaches of whitewater.	(5)	4	3	2	1
The most important consideration for planning my boating trips is running challenging whitewater.	(5)	4	3	2	1
The most important consideration for planning my boating trips is boating on a weekend, regardless of flow.	(5)	4	3	2	1

Difficulty – generally accepted definitions

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

BOATER BACKGROUND INFORMATION

Please complete the following:

Name:	TERRY WARD
Affiliation:	
Zip Code:	63144
Email:	twara1393@yahoo.com
Preferred Craft:	Kayak

1. What is your current boating skill level (check one):

   Intermediate ☐ Advanced ☑ Expert ☐ Elite ☐

2. How many years have you been boating at this level: 7

3. In an average year, how many days do you boat: 60

4. Have you ever participated in a hydro relicensing whitewater boating study before: NO
   If yes, when (month/year or year) and for which river(s)/hydro project(s):

5. Have you boated this Reach (Gile Dam to Kimball Town Park) before today: NO
   If yes, how many times or how often:
   If yes, what were the flows:
   If yes, what type of craft(s) did you use:
   If no, why (challenge level, run length, did not know about it, other):
   DID NOT KNOW, JUST MOVED TO AREA FOR SUMMER

6. How far did you travel today to get to this location (miles): EAU CLAIRE

Please respond to each statement about your overall river-running preferences:

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I prefer running rivers with fast water and small to no rapids (Class I/II/III).	5	4	3	(2)	1
I prefer running rivers with challenging rapids (Class IV).	(5)	4	3	2	1
I often boat short river segments (under 2 miles) to experience a unique and interesting place.	5	(4)	3	2	1
I often boat short river segments (under 2 miles) to take advantage of whitewater play areas.	5	(4)	3	2	1
I often boat short river segments (under 2 miles) to run challenging rapids.	5	(4)	3	2	1
Good whitewater play areas are more important than challenging rapids.	5	4	(3)	2	1
I am willing to tolerate difficult put-ins, portages, and take-outs to run interesting reaches of whitewater.	(5)	4	3	2	1
The most important consideration for planning my boating trips is running challenging whitewater.	5	(4)	3	2	1
The most important consideration for planning my boating trips is boating on a weekend, regardless of flow.	5	(4)	3	2	1

Difficulty – generally accepted definitions

Class I: easy but fast moving water, small waves, passages clear, no serious obstacles, perfect for all ages and abilities. Skill Level: very basic.

Class II: rough and fast moving water; rocks, small ledges, and other obstacles which might require some maneuvering. Skill level: basic paddling skill.

Class III: swift whitewater, small to medium waves, rocks, eddies, rapids with narrow but clear passages, requires significant maneuvering to navigate successfully but the consequences of error are generally minimal. Skill level: experienced guide recommended.

Class IV: challenging whitewater with powerful waves, long rapids, difficult to avoid rocks, boiling eddies; powerful and precise maneuvering required. Skill level: experienced guide required.

Class V: extreme whitewater with large waves, large volume, large rocks difficult to avoid and potentially deadly hazards, large drops often over 10 feet which require precise maneuvering. Skill level: experienced guide and experienced crew required.

Appendix O **Level 3 Assessment – Whitewater Study Evaluation Forms**
Reach 1 – Gile Dam to South Drive Bridge
Reach 2 – South Drive Bridge to Center Drive Bridge
Reach 3 – Center Drive Bridge to Kimball Town Park
Overall Experience - Gile Dam to Kimball Town Park

BOATER NAME: _____

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # _____

Date of run: _____

Target flow: _____ cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** _____

Take-Out Location: South Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: _____

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

Much Higher ☐
Higher ☐
Optimum ☐
Lower ☐
Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.		
I was *stopped* after hitting rocks or other obstacles.		
I had to *get out* to drag or pull my boat off rocks or other obstacles.		
I had to *portage* around unrunnable rapids, log jams, or other obstacles.		

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

Gile Flowage Storage Reservoir Project
FERC Project No. 15055

West Fork of the Montreal River
Iron County, Wisconsin

Whitewater Recreation Flow Study
West Branch of the Montreal River
Class IV Whitewater Boating Reach

Reach 1: Gile Dam to South Drive Bridge (2.07 miles)

South Drive

SOUTH DRIVE BRIDGE
(Reach 1 - End)

Bridge (trail)

Quebec Avenue

Ontario Street

Plant Street

Bridge (trail)

STH 77 Bridge

Bridge (trail)

Ohio Avenue

Montreal Street

Michigan Avenue

Kokogan Street

Nimikon Avenue

Oshkosh Avenue

Park Street

GILE DAM
(Reach 1 - Start)

77

1440 1460 1480 1500 1520 1540 1560 1580 1600 1620

N

0 330 660 990 1,320
Feet

0 0.25
Miles

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BOATER NAME: _____

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # _____

Date of run: _____

Target flow: _____ cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** _____

Take-Out Location: Center Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: _____

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

Much Higher ☐
Higher ☐
Optimum ☐
Lower ☐
Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.		
I was *stopped* after hitting rocks or other obstacles.		
I had to *get out* to drag or pull my boat off rocks or other obstacles.		
I had to *portage* around unrunnable rapids, log jams, or other obstacles.		

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

Gile Flowage Storage Reservoir Project
FERC Project No. 15055

West Fork of the Montreal River
Iron County, Wisconsin

Whitewater Recreation Flow Study
West Branch of the Montreal River
Class IV Whitewater Boating Reach

Reach 2: South Drive Bridge to Center Drive Bridge (2.62 miles)

CENTER DRIVE BRIDGE
(Reach 2 - End)

Park Rd

Center Drive

Bridge (Iron Horse Trail)

W Rangeview Drive

Iron Horse Trail

N Park Road

SOUTH DRIVE BRIDGE
(Reach 1 - End)

South Drive

N

0 330 660 990 1,320
Feet

0 0.3
Miles

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BOATER NAME: _____

Whitewater Boater Run Evaluation Form
Reach 3 – Center Drive Bridge to Kimball Town Park for Run # _____

Date of run: _____

Target flow: _____ cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** _____

Take-Out Location: Center Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: _____

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

Much Higher ☐
Higher ☐
Optimum ☐
Lower ☐
Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.		
I was *stopped* after hitting rocks or other obstacles.		
I had to *get out* to drag or pull my boat off rocks or other obstacles.		
I had to *portage* around unrunnable rapids, log jams, or other obstacles.		

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

Gile Flowage Storage Reservoir Project
FERC Project No. 15055

West Fork of the Montreal River
Iron County, Wisconsin

Whitewater Recreation Flow Study
West Branch of the Montreal River
Class IV Whitewater Boating Reach

Reach 3: Center Drive Bridge to Kimball Town Park (1.15 miles)

USH 2 Bridge

KIMBALL TOWN PARK BRIDGE
(Reach 3 - End)

Kimball Town Park & Kimball Falls

CENTER DRIVE BRIDGE
(Reach 3 - Start)

USH 2

Town Park Drive

Center Drive

Sola Road

Kimball Drive

Park Road

N

0 330 660 990 1,320
Feet

0 0.25
Miles

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BOATER NAME: _____

Whitewater Boater Evaluation Form
Overall Experience for Entire Reach - Gile Dam to Kimball Town Park

Flow Levels: please answer the following based on your boating trips at various flows.

Statement – for entire Reach	Flow (cfs)
What flow *range* provides the optimal whitewater boating experience	
What is the highest safe flow for your skill level and preferred craft	
What is the optimal flow for a "standard" trip	
What is the optimal flow for a "high challenge" trip	
If *one flow* was released for boating, what would be your optimal flow	

Boating Experience:

Are you likely to return for future boating if your optimal flow choice was provided? (check one)

Absolutely ☐ Probably ☐ Maybe ☐ No ☐

If you would return for boating, what months would you choose to return? (check all that apply)

Apr ☐ Jun ☐ Aug ☐ Oct ☐
May ☐ July ☐ Sep ☐ Nov ☐

Would the flows provided today be suitable for beginner/novice boaters? (check one)

Absolutely ☐ Probably ☐ Maybe ☐ No ☐

If so, what flow level(s) would be appropriate for this skill level: _____ cfs

Were any of the flows provided today suitable for play boating? (check one)

Absolutely ☐ Some were ☐ Not really ☐ No ☐

If so, what flow level(s) were suitable: _____ cfs

Flow Information:

How do you prefer to receive flow information? (check all that apply)

Email notification ☐

Website information ☐

Call number with recording ☐

Other: _____

Other Whitewater Boating Opportunities:

Is there another whitewater boating opportunity in the area that is preferable to this Reach?

Yes ☐

No ☐

If yes:

- What is the name/location of the preferable opportunity: _____
- What is the difficulty class of the preferable opportunity: _____
- Is the preferable opportunity more challenging than your experience today: _____
- Does the preferable opportunity have more potential for boatability than today: _____

Hypothetical Flow Releases

Please provide an overall evaluation for the flow ranges available on this Reach based on your experiences and preferences today. Consider all flow-dependent characteristics that contribute to a high quality boating trip, such as boatability, challenge, play areas, safety, aesthetics, and length of run. If you do not feel comfortable evaluating a flow you have not boated or seen, leave that flow blank.

Would the following flow releases (cfs) create a high quality boating experience on this Reach: (circle your rating for each flow value)

Rating	400 cfs	600 cfs	800 cfs	1,000 cfs	1,100 cfs	1,300 cfs	1,500 cfs	1,700 cfs	2,000 cfs	2,500 cfs
Acceptable	5	5	5	5	5	5	5	5	5	5
Marginal	3	3	3	3	3	3	3	3	3	3
Unacceptable	1	1	1	1	1	1	1	1	1	1

Appendix P Level 3 Assessment – Completed Whitewater Study Boater Evaluation Forms for 600 cfs Flow Release, all Reaches

Note: survey responses included documentation or markings on the maps include for Reach 1, Reach 2, or Reach 3; therefore, all maps were removed from all survey responses included in this Appendix in consideration of file size limits.

600 cfs Flow Release – Reach 1 – Gile Dam to South Drive Bridge

BOATER NAME: Ben Biovkamp

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # 1

Date of run: 6-11-22

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: 9'
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** 10:47AM.

Take-Out Location: South Drive **Take-Out Time:** 11:13

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: III+

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☑
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	5	(4)	3	2	1
This reach has nice water features (waves, holes, drops).	5	(4)	3	2	1
This reach has good play spots.	5	4	3	(2)	1
This reach offers good overall whitewater challenge	5	(4)	3	2	1
The portages on this Reach are acceptable/usable.	5	4	(3)	2	1
This is a safe run.	5	(4)	3	2	1
This run is a good length.	5	(4)	3	2	1
This is an aesthetically pleasing run.	5	(4)	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	5	
I was *stopped* after hitting rocks or other obstacles.	3	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	3	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Gile Falls	III	

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Yes strainer

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: JASON B

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # 1

Date of run: 14 June 2022

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** 10:47

Take-Out Location: South Drive **Take-Out Time:** 11:38

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: III

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐
- Optimum ☑
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.		
I was *stopped* after hitting rocks or other obstacles.		
I had to *get out* to drag or pull my boat off rocks or other obstacles.		
I had to *portage* around unrunnable rapids, log jams, or other obstacles.		

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: BRIAN C

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # 1

Date of run: 6 11 22

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. (Hard shell kayak)
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** 1140

Take-Out Location: South Drive **Take-Out Time:** 11:20

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, (III), IV, or V):

Class: III

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

Much Higher	☐
Higher	☒
Optimum	☐
Lower	☐
Much Lower	☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	1	UNJUDGED LINE
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
LITTLE FALLS	III	NO

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

SWIM @ GILE FALLS
BOAT STUCK
SWIMMER GOT DOWN STREAM
ABLE TO RECOVER IN POOL
BELOW

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

GOOD WARM UP

BOATER NAME: Aaron Erwin

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # 1

Date of run: 6-11

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: 9.5
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** 10:47

Take-Out Location: South Drive **Take-Out Time:** 11:15

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: +3

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☒
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	(4)	3	2	1
This reach is boatable at this flow.	5	(4)	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	5	4	(3)	2	1
This reach offers good overall whitewater challenge	5	(4)	3	2	1
The portages on this Reach are acceptable/usable.	(5)	(4)	3	2	1
This is a safe run.	(5)	4	3	2	1
This run is a good length.	5	(4)	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	0	
I was *stopped* after hitting rocks or other obstacles.	1	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	6	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
gile Falls	3	No

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: Matthew Hansen

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # 1

Date of run: 6/11/22

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** 10:47

Take-Out Location: South Drive **Take-Out Time:** 11:13

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: III+

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☒
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	5	4	(3)	2	1
This reach offers good overall whitewater challenge	5	(4)	3	2	1
The portages on this Reach are acceptable/usable.	(5)	4	3	2	1
This is a safe run.	(5)	4	3	2	1
This run is a good length.	5	(4)	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	1	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
1st Sequence	N/A	No

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: Elita Hecimovich

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # 1

Date of run: 6-11-22

Target flow: 1050 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: 10'
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** 10:47

Take-Out Location: South Drive **Take-Out Time:** 11:13

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: III

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☒
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	(4)	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	(3)	2	1
This reach has good play spots.	5	4	3	(2)	1
This reach offers good overall whitewater challenge	5	4	3	(2)	1
The portages on this Reach are acceptable/usable.	(5)	4	3	2	1
This is a safe run.	(5)	4	3	2	1
This run is a good length.	5	4	(3)	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	1	little scrapy
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

None

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: Austin Izzo

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # 1

Date of run: June 11

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: 18'
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** 10:47

Take-Out Location: South Drive **Take-Out Time:** 11:13

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: 3

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☑
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	(4)	3	2	1
This reach is boatable at this flow.	5	(4)	3	2	1
This reach has nice water features (waves, holes, drops).	5	(4)	3	2	1
This reach has good play spots.	5	(4)	3	2	1
This reach offers good overall whitewater challenge	5	(4)	3	2	1
The portages on this Reach are acceptable/usable.	5	(4)	3	2	1
This is a safe run.	5	(4)	3	2	1
This run is a good length.	5	(4)	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	0	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Level slightly low for raft	III	NO

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: Tim Kordecki

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # 1

Date of run: 6/11

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. (Hard shell kayak)
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** 10:47

Take-Out Location: South Drive **Take-Out Time:** 11:17

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: 3

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☑
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	(3)	2	1
This reach is boatable at this flow.	5	(4)	3	2	1
This reach has nice water features (waves, holes, drops).	5	(4)	3	2	1
This reach has good play spots.	5	(4)	3	2	1
This reach offers good overall whitewater challenge	(5)	4	3	2	1
The portages on this Reach are acceptable/usable.	(5)	4	3	2	1
This is a safe run.	(5)	4	3	2	1
This run is a good length.	5	4	(3)	2	1
This is an aesthetically pleasing run.	5	4	(3)	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	1	second drop after dam
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Right side of the second drop	IV	NO

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

NO

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: Brian Krueger

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # 1

Date of run: 6/11/22

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** 10:41

Take-Out Location: South Drive **Take-Out Time:** 11:13

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: one 3+ drop

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐
- Optimum ☒
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	(4)	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	(4)	3	2	1
This reach has good play spots.	5	4	(3)	2	(1)
This reach offers good overall whitewater challenge	5	4	(3)	2	1
The portages on this Reach are acceptable/usable.	5	4	(3)	2	1
This is a safe run.	5	(4)	3	2	1
This run is a good length.	5	(4)	3	2	1
This is an aesthetically pleasing run.	5	(4)	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	(0)	
I was *stopped* after hitting rocks or other obstacles.		
I had to *get out* to drag or pull my boat off rocks or other obstacles.		
I had to *portage* around unrunnable rapids, log jams, or other obstacles.		

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
gile falls was fun	IV	NO

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

lots of flat water for 1 drop. but the water had a nice flow.

BOATER NAME: Tony Locken

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # 1

Date of run: 11JUN22

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** 10:47AM

Take-Out Location: South Drive **Take-Out Time:** 11:14

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: III

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☒
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	(4)	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	(4)	3	2	1
This reach has good play spots.	5	4	3	(2)	1
This reach offers good overall whitewater challenge	5	4	(3)	2	1
The portages on this Reach are acceptable/usable.	5	(4)	3	2	1
This is a safe run.	(5)	4	3	2	1
This run is a good length.	5	4	3	(2)	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	30	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	3	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Gile falls	IV	NO
to road	II	NO

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

N/A

BOATER NAME: Hunter R

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # 1

Date of run: 6/11

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. (Hard shell kayak)
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** 10:47

Take-Out Location: South Drive **Take-Out Time:** 11:13

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: 3

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☒
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	(4)	3	2	1
This reach is boatable at this flow.	5	(4)	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	(3)	2	1
This reach has good play spots.	5	4	3	2	(1)
This reach offers good overall whitewater challenge	5	(4)	3	2	1
The portages on this Reach are acceptable/usable.	5	4	(3)	2	1
This is a safe run.	5	(4)	3	2	1
This run is a good length.	5	4	(3)	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	2	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Gile Falls	III	NO

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

river banks could use clean up of brush

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

great run, [illegible]

BOATER NAME: John Ray

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # 1

Date of run: 6/11/22

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: 10 ft
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** 10:47 AM

Take-Out Location: South Drive **Take-Out Time:** 11:13 AM

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: III

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☑ 100-200 more
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	5	4	(3)	2	1
This reach offers good overall whitewater challenge	5	(4)	3	2	1
The portages on this Reach are acceptable/usable.	(5)	4	3	2	1
This is a safe run.	(5)	4	3	2	1
This run is a good length.	(5)	4	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	0	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below. None

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

Great section

BOATER NAME: Brandon

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # 1

Date of run: 6/11/22

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. (Hard shell kayak)
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** ~~11~~13 10:47

Take-Out Location: South Drive **Take-Out Time:** 11:13

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: Gile Falls ~~III~~ III+ rest class II

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☒
- Higher ☐
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	(4)	3	2	1
This reach is boatable at this flow.	5	(4)	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	(3)	2	1
This reach has good play spots.	5	4	3	(2)	1
This reach offers good overall whitewater challenge	5	(4)	3	2	1
The portages on this Reach are acceptable/usable.	(5)	4	3	2	1
This is a safe run.	5	(4)	3	2	1
This run is a good length.	5	(4)	3	2	1
This is an aesthetically pleasing run.	5	(4)	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	1	Gile Falls
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Gile Falls	III+	No

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

One Swim, boater caught in Hole. Easy recovery

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: Nathan Spindler

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # 1

Date of run: 6/11/22

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** 10:43

Take-Out Location: South Drive **Take-Out Time:** 11:13

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: IV

Enjoyment (relative to the flow of this run)
Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☒
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	0	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Gile falls	IV	NO

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: Kayla Sturgeon

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # 1

Date of run: 6/11/21

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** 10:47

Take-Out Location: South Drive **Take-Out Time:** 11:13

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: Iclass IV, rest II @ beg

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☒
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	2	
I was *stopped* after hitting rocks or other obstacles.	1	At main rapid was stopped in hole & paddled out
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Gile Falls	IV	N could

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
N/A	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

~~I~~ Observed a swim
Hole @ Giles Fall

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: Matt Stanglo

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # 1

Date of run: 6/4/21

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. (Hard shell kayak)
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** 10:40

Take-Out Location: South Drive **Take-Out Time:** 11:14

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: 3

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐
- Optimum ☑
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	1	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Gile Falls	3	NO

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Only small Trees Not low Mgh

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: TERRY WARD

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # 1

Date of run: 6/11/22

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** 1047

Take-Out Location: South Drive **Take-Out Time:** 11:15

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: 3

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☑ PRETTY GOOD FLOW
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	1	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
GILE FLOW	V-	NO

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

600 cfs Flow Release – Reach 2 – South Drive Bridge to Center Drive Bridge

BOATER NAME: Ben Bjorkman

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # 1

Date of run: 6-11-22

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: 9'
f. Other _____

Put-In Location: South Drive **Put-In Time:** 11:20

Take-Out Location: Center Drive **Take-Out Time:** 12:20

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: 4

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☑
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	(4)	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	(5)	4	3	2	1
This reach offers good overall whitewater challenge	(5)	4	3	2	1
The portages on this Reach are acceptable/usable.	5	(4)	3	2	1
This is a safe run.	(5)	4	3	2	1
This run is a good length.	(5)	4	3	2	1
This is an aesthetically pleasing run.	5	(4)	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	1	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Rock cup	IV	
30 seconds of rapids	III	

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

NO

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: Jason Blankenheim

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # 1

Date of run: 6-11-22

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** 11:20

Take-Out Location: Center Drive **Take-Out Time:** 12:20

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: 3-4

Enjoyment (relative to the flow of this run)
Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐
- Optimum ☑
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	(3)	2	1
This reach is boatable at this flow.	5	(4)	3	2	1
This reach has nice water features (waves, holes, drops).	5	(4)	3	2	1
This reach has good play spots.	5	4	(3)	2	1
This reach offers good overall whitewater challenge	5	(4)	3	2	1
The portages on this Reach are acceptable/usable.	5	4	(3)	2	1
This is a safe run.	5	4	(3)	2	1
This run is a good length.	5	4	(3)	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	10	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Before Kimball Falls	3+	No
Kimball Falls	3+	No

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

No

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: BRIAN C

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # 1

Date of run: 6.11.22

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** 11:25

Take-Out Location: Center Drive **Take-Out Time:** 12:25

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: 4

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☑
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	(4)	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	(5)	4	3	2	1
This reach offers good overall whitewater challenge	(5)	4	3	2	1
The portages on this Reach are acceptable/usable.	5	(4)	3	2	1
This is a safe run.	5	(4)	3	2	1
This run is a good length.	5	(4)	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	2	LITTLE SHALLOW IN WIDE SPOT
I was *stopped* after hitting rocks or other obstacles.	1	FUNKY LINE CHOICE
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

FUN RUN
FAST PACED
* IMPORTANT TO KEEP EYES
ON CURRENT :)

BOATER NAME: Aaron

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # 1

Date of run: 6-11

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: 9.5 ft
f. Other _____

Put-In Location: South Drive **Put-In Time:** 11:15

Take-Out Location: Center Drive **Take-Out Time:** 12:20

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: 4 ish

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☒
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	(4)	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	5	(4)	3	2	1
This reach offers good overall whitewater challenge	(5)	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	(3)	2	1
This is a safe run.	(5)	4	3	2	1
This run is a good length.	(5)	4	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	0	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Rock Cutt	4	NO

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
No	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: Matt Hansen

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # 1

Date of run: 7/11/[illegible]

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** 11:20

Take-Out Location: Center Drive **Take-Out Time:** 12:20

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: III+

Enjoyment (relative to the flow of this run)
Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☒
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	0	
I was *stopped* after hitting rocks or other obstacles.		
I had to *get out* to drag or pull my boat off rocks or other obstacles.		
I had to *portage* around unrunnable rapids, log jams, or other obstacles.		

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

None

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

Add a run that is different than surrounding rivers.

BOATER NAME: Elita Heermorich

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # 1

Date of run: 6-11-02

Target flow: 650 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: 10'
f. Other _____

Put-In Location: South Drive **Put-In Time:** 12:20

Take-Out Location: Center Drive **Take-Out Time:** 12:20

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: 3

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☒
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.		
I was *stopped* after hitting rocks or other obstacles.		
I had to *get out* to drag or pull my boat off rocks or other obstacles.		
I had to *portage* around unrunnable rapids, log jams, or other obstacles.		

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: Austin Izzo

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # 1

Date of run: 6/11/22

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** 1120

Take-Out Location: Center Drive **Take-Out Time:** 1220

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: III - IV

Enjoyment (relative to the flow of this run)
Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☑ 100 CFS
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	1	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: Jim Kordecki

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # 1

Date of run: 6/11

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** _____

Take-Out Location: Center Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: III – IV

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☑
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	5	4	(3)	2	1
This reach offers good overall whitewater challenge	(5)	4	3	2	1
The portages on this Reach are acceptable/usable.	(5)	4	3	2	1
This is a safe run.	(5)	4	3	2	1
This run is a good length.	(5)	4	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	8	on purpose
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Rock Cut Falls	III – IV	NO
~~Falls~~	~~III~~	~~NO~~

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

The run out from Rock cut Falls has some good "boof" rocks in it.

BOATER NAME: Brian Krueger

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # 1

Date of run: 6/11/22

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** 11:20

Take-Out Location: Center Drive **Take-Out Time:** 12:20

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: 3-4

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐
- Optimum ☒
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	3	
I was *stopped* after hitting rocks or other obstacles.		
I had to *get out* to drag or pull my boat off rocks or other obstacles.		
I had to *portage* around unrunnable rapids, log jams, or other obstacles.		

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
the gorge section is great!	IV	NO

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

great run @ 600 cfs. excited to see 1000 cfs.

BOATER NAME: Tony Locken

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # 1

Date of run: 11 JUN 22

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** 10:20

Take-Out Location: Center Drive **Take-Out Time:** 17:26

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: III

Enjoyment (relative to the flow of this run)
Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☒
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	20	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	3	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	3	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Canyon	III	NO
Second falls	III	NO

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

N/A

BOATER NAME: Hunter

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # 1

Date of run: 6/11

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** _____

Take-Out Location: Center Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: 3-4

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☒
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	5	
I was *stopped* after hitting rocks or other obstacles.	1	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Rock Cut Falls	4	NO

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

River banks could use clean up of brush

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

Higher flow, was a bit rocky

BOATER NAME: John Ray

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # 1

Date of run: 6/11/22

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: 10ft
f. Other _____

Put-In Location: South Drive **Put-In Time:** 11:20AM

Take-Out Location: Center Drive **Take-Out Time:** 12:20PM

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: IV

Enjoyment (relative to the flow of this run)
Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐
- Optimum ☑
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	0	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)

Portages N/A

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below. N/A

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

Awesome! Scenic, challenging

BOATER NAME: _____ Brian Robin

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # 1

Date of run: _____ Date: 6.11.22

Target flow: 600 cfs. 600 cfs

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** 1120

Take-Out Location: Center Drive **Take-Out Time:** 1220

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: III+

Enjoyment (relative to the flow of this run)
Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☒
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	12	Lots of rocks
I was *stopped* after hitting rocks or other obstacles.	3	Rocks slow you down
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Above Fail bridge	III +	no
Second falls	III	no

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Tree Strainers could be an issue

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

Fun Section needs more water

BOATER NAME: Nathan Spindler

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # 1

Date of run: 6/11/22

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. (Hard shell kayak)
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** 11:20

Take-Out Location: Center Drive **Take-Out Time:** 12:20

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: IV

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☒
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.		lots of play rocks
I was *stopped* after hitting rocks or other obstacles.		
I had to *get out* to drag or pull my boat off rocks or other obstacles.		
I had to *portage* around unrunnable rapids, log jams, or other obstacles.		

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Rock cut	IV	NO
Kimball	III	NO
2nd falls	III+	NO

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: Kayla Sturgeon

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # 1

Date of run: 6/11/22

Target flow: 601 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. (Hard shell kayak) — d. Canoe (open)
b. Inflatable kayak — e. Raft, length: _____
c. Canoe (closed) — f. Other _____

Put-In Location: South Drive **Put-In Time:** 11:30 AM

Take-Out Location: Center Drive **Take-Out Time:** 12:20 pm

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: IV

Enjoyment (relative to the flow of this run)
Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☒
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	10	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
N/A	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

None

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

Was a great run. Fun. Continous w/ some challenges

BOATER NAME: Mike Sturgeon

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # 1

Date of run: 6/11/22

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

(a) Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** 11:30 P

Take-Out Location: Center Drive **Take-Out Time:** 12:00

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: 4

Enjoyment (relative to the flow of this run)
Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

Much Higher	☐
Higher	☑
Optimum	☐ - But OK
Lower	☐
Much Lower	☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	5	4	(3)	2	1
This reach offers good overall whitewater challenge	5	(4)	3	2	1
The portages on this Reach are acceptable/usable.	5	4	(3)	2	1
This is a safe run.	5	(4)	3	2	1
This run is a good length.	5	(4)	3	2	1
This is an aesthetically pleasing run.	5	(4)	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	3	Not Bad
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Long Section	4	No
Wicked After	3	

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

No

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

Great Section

BOATER NAME: TERRY WARD

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # 1

Date of run: 6/11

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. (Hard shell kayak)
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** 11:20 - 12:30

Take-Out Location: Center Drive **Take-Out Time:** 12:20

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, (IV), or V):

Class: FOUR

Enjoyment (relative to the flow of this run)
Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

Much Higher ☐
Higher ☑
Optimum ☐
Lower ☐
Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	(4)	3	2	1
This reach is boatable at this flow.	5	(4)	3	2	1
This reach has nice water features (waves, holes, drops).	5	(4)	3	2	1
This reach has good play spots.	5	(4)	3	2	1
This reach offers good overall whitewater challenge	5	4	(3)	2	1
The portages on this Reach are acceptable/usable.	5	4	(3)	2	1
This is a safe run.	5	(4)	3	2	1
This run is a good length.	5	(4)	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	10	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
LONGEST RAPID OF RUN, CONTINUES	IV	NO
LEDGEY TIERED DROP	III	NO

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

DID NOT

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

600 cfs Flow Release – Reach 3 – South Drive Bridge to Kimball Town Park

BOATER NAME: Ben Bjorkman

Whitewater Boater Run Evaluation Form
Reach 3 – Center Drive Bridge to Kimball Town Park for Run # 1

Date of run: 6-11-22

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: 9'
f. Other _____

Put-In Location: South Drive **Put-In Time:** 12:20

Take-Out Location: Center Drive **Take-Out Time:** 12:30

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: IV

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☑
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	0	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Kimball Falls	IV	NO

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: Jason Blankenheim

Whitewater Boater Run Evaluation Form
Reach 3 – Center Drive Bridge to Kimball Town Park for Run # 1

Date of run: _____

Target flow: 1600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** 12:20

Take-Out Location: Center Drive **Take-Out Time:** 12:34

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: 3-4

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐
- Optimum ☑
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	(3)	2	1
This reach is boatable at this flow.	5	(4)	3	2	1
This reach has nice water features (waves, holes, drops).	5	(4)	3	2	1
This reach has good play spots.	5	4	(3)	2	1
This reach offers good overall whitewater challenge	5	(4)	3	2	1
The portages on this Reach are acceptable/usable.	5	(4)	3	2	1
This is a safe run.	5	4	(3)	2	1
This run is a good length.	5	4	(3)	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	5	
I was *stopped* after hitting rocks or other obstacles.	2	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Kimball Falls	3+	NO

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

No

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: BRIAN C

Whitewater Boater Run Evaluation Form
Reach 3 – Center Drive Bridge to Kimball Town Park for Run # 1

Date of run: 6/11/22

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** 12:20

Take-Out Location: Center Drive **Take-Out Time:** 12:35

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: IV

Enjoyment (relative to the flow of this run)
Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☑
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	2	SMALL DINGERS
I was *stopped* after hitting rocks or other obstacles.		
I had to *get out* to drag or pull my boat off rocks or other obstacles.		
I had to *portage* around unrunnable rapids, log jams, or other obstacles.		

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
1ST DROP	3 III	No
2nd DROP	3 III	No
S TURN	3 III	No
Kimball	IV +	No

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

N/A

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

CONTINUOUS MOVING H2O
IF PARTICIPANTS WERE IN WATER
THEY THEY'D BE GETTING PULLED
DOWNSTREAM AT WAYS

BOATER NAME: Matthew Hansen

Whitewater Boater Run Evaluation Form
Reach 3 – Center Drive Bridge to Kimball Town Park for Run # 1

Date of run: 7/11/22

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** 12:30

Take-Out Location: Center Drive **Take-Out Time:** 12:50

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: III+

Enjoyment (relative to the flow of this run)
Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☒
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.		
I was *stopped* after hitting rocks or other obstacles.		
I had to *get out* to drag or pull my boat off rocks or other obstacles.		
I had to *portage* around unrunnable rapids, log jams, or other obstacles.		

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: Elita H

Whitewater Boater Run Evaluation Form
Reach 3 – Center Drive Bridge to Kimball Town Park for Run # 1

Date of run: 6-11-20

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: 10'
f. Other _____

Put-In Location: South Drive **Put-In Time:** 12:20

Take-Out Location: Center Drive **Take-Out Time:** 12:36

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: 4

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☒
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	1	
I was *stopped* after hitting rocks or other obstacles.	1-2	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	1	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: AUSTIN 1220

Whitewater Boater Run Evaluation Form
Reach 3 – Center Drive Bridge to Kimball Town Park for Run # 1

Date of run: 6/11/22

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** 1220

Take-Out Location: Center Drive **Take-Out Time:** 1240

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: II - IV

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☑
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	(5)	4	3	2	1
This reach offers good overall whitewater challenge	(5)	4	3	2	1
The portages on this Reach are acceptable/usable.	(5)	4	3	2	1
This is a safe run.	(5)	4	3	2	1
This run is a good length.	(5)	4	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	0	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: Tim Kordecki

Whitewater Boater Run Evaluation Form
Reach 3 – Center Drive Bridge to Kimball Town Park for Run # 1

Date of run: 6/11

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** _____

Take-Out Location: Center Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: III

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☑
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	(3)	2	1
This reach has good play spots.	5	4	3	(2)	1
This reach offers good overall whitewater challenge	5	4	(3)	2	1
The portages on this Reach are acceptable/usable.	(5)	4	3	2	1
This is a safe run.	(5)	4	3	2	1
This run is a good length.	5	(4)	3	2	1
This is an aesthetically pleasing run.	5	(4)	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	0	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Kimball falls	III	NO

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: Brian Krueger

Whitewater Boater Run Evaluation Form
Reach 3 – Center Drive Bridge to Kimball Town Park for Run # 1

Date of run: 6/11/22

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: 12'
f. Other

Put-In Location: South Drive **Put-In Time:** 12:20

Take-Out Location: Center Drive **Take-Out Time:** 12-30

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: III

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☒
- Optimum ☒
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	5	4	3	(2)	1
This reach offers good overall whitewater challenge	(5)	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	(3)	2	1
This is a safe run.	(5)	4	3	2	1
This run is a good length.	(5)	4	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	3	
I was *stopped* after hitting rocks or other obstacles.		
I had to *get out* to drag or pull my boat off rocks or other obstacles.		
I had to *portage* around unrunnable rapids, log jams, or other obstacles.		

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Fun drops	III	No
Kimball is great	III-IV	No

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

great addition to section 2.

BOATER NAME: Tony Locken

Whitewater Boater Run Evaluation Form
Reach 3 – Center Drive Bridge to Kimball Town Park for Run # 1

Date of run: 11 JUN

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** 12:20

Take-Out Location: Center Drive **Take-Out Time:** 12:30

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: III

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☒
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	(4)	3	2	1
This reach is boatable at this flow.	5	(4)	3	2	1
This reach has nice water features (waves, holes, drops).	5	(4)	3	2	1
This reach has good play spots.	5	(4)	3	2	1
This reach offers good overall whitewater challenge	5	(4)	3	2	1
The portages on this Reach are acceptable/usable.	(5)	4	3	2	1
This is a safe run.	(5)	4	3	2	1
This run is a good length.	(5)	4	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	10	
I was *stopped* after hitting rocks or other obstacles.	2	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	6	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Kimball falls	III	No

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

N/A

BOATER NAME: Hunter

Whitewater Boater Run Evaluation Form
Reach 3 – Center Drive Bridge to Kimball Town Park for Run # 1

Date of run: 6/11

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** _____

Take-Out Location: Center Drive **Take-Out Time:** 12:30

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: 3

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☒
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	(3)	2	1
This reach is boatable at this flow.	5	4	(3)	2	1
This reach has nice water features (waves, holes, drops).	5	(4)	3	2	1
This reach has good play spots.	5	4	3	2	(1)
This reach offers good overall whitewater challenge	5	4	(3)	2	1
The portages on this Reach are acceptable/usable.	5	4	(3)	2	1
This is a safe run.	5	4	(3)	2	1
This run is a good length.	5	(4)	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	2	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Kimball Falls	III	NO

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Clearing of brush from river banks

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

little bit rocky, could use more water

BOATER NAME: John Rally

Whitewater Boater Run Evaluation Form
Reach 3 – Center Drive Bridge to Kimball Town Park for Run # 1

Date of run: 6/11/22

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** 12:20 pm

Take-Out Location: Center Drive **Take-Out Time:** 12:42pm

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: IV

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐
- Optimum ☑
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	(5)	4	(3)	2	1
This reach offers good overall whitewater challenge	(5)	4	3	2	1
The portages on this Reach are acceptable/usable.	(5)	4	3	2	1
This is a safe run.	(5)	4	3	2	1
This run is a good length.	(5)	4	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	1	
I was *stopped* after hitting rocks or other obstacles.	1	Not Bad
I had to *get out* to drag or pull my boat off rocks or other obstacles.		
I had to *portage* around unrunnable rapids, log jams, or other obstacles.		

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)

Portages N/A

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below. No Issues

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

Loved it! Would love to run again!

BOATER NAME: Fabian Robin

Whitewater Boater Run Evaluation Form
Reach 3 – Center Drive Bridge to Kimball Town Park for Run # 1

Date of run: 6.11.22

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** 1220

Take-Out Location: Center Drive **Take-Out Time:** 1230

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: III

Enjoyment (relative to the flow of this run)
Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☑
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	(4)	3	2	1
This reach is boatable at this flow.	5	(4)	3	2	1
This reach has nice water features (waves, holes, drops).	5	(4)	3	2	1
This reach has good play spots.	5	(4)	3	2	1
This reach offers good overall whitewater challenge	5	4	(3)	2	1
The portages on this Reach are acceptable/usable.	(5)	4	3	2	1
This is a safe run.	(5)	4	3	2	1
This run is a good length.	5	(4)	3	2	1
This is an aesthetically pleasing run.	5	(4)	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	15	Lots of rocks
I was *stopped* after hitting rocks or other obstacles.		
I had to *get out* to drag or pull my boat off rocks or other obstacles.		
I had to *portage* around unrunnable rapids, log jams, or other obstacles.		

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Kimball Falls	III	no

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Tree Strainers could be issue

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: Kayla Stugeon

Whitewater Boater Run Evaluation Form
Reach 3 – Center Drive Bridge to Kimball Town Park for Run # 1

Date of run: 6/11/22

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. (Hard shell kayak)
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** 12:20

Take-Out Location: Center Drive **Take-Out Time:** 12:40

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: 3

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☒
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	13	Shallow a spots
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Kimball Falls	3	N Possible

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
Kimball Did not portage but could	(4)	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

None

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

Great run. More water would help take shallow rocks out of play plus make it safer if there was a swim.

Is a good splat / spin rock @ this level.

Oh! In stretch 2 there was barb wire on shore where we scouted. otherwise river has been pretty clean / free of litter

BOATER NAME: Matt Swigon

Whitewater Boater Run Evaluation Form
Reach 3 – Center Drive Bridge to Kimball Town Park for Run # 1

Date of run: 6/11/22

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** 12:25

Take-Out Location: Center Drive **Take-Out Time:** 12:40

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: 3

Enjoyment (relative to the flow of this run)
Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐ could be higher
- Optimum ☑
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	(4)	3	2	1
This reach has good play spots.	5	4	(3)	2	1
This reach offers good overall whitewater challenge	5	(4)	3	2	1
The portages on this Reach are acceptable/usable.	5	(4)	3	2	1
This is a safe run.	(5)	4	3	2	1
This run is a good length.	(5)	4	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	lots	low but well high
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Falls @ Eng	III	No

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: TERRY WARD

Whitewater Boater Run Evaluation Form
Reach 3 – Center Drive Bridge to Kimball Town Park for Run # 1

Date of run: 6/14

Target flow: 600 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. (Hard shell kayak)
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** 12:20

Take-Out Location: Center Drive **Take-Out Time:** 12:40

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, (III), IV, or V):

Class: 3

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☑
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	(4)	3	2	1
This reach is boatable at this flow.	5	(4)	3	2	1
This reach has nice water features (waves, holes, drops).	5	(4)	3	2	1
This reach has good play spots.	5	(4)	3	2	1
This reach offers good overall whitewater challenge	5	(4)	3	2	1
The portages on this Reach are acceptable/usable.	5	(4)	3	2	1
This is a safe run.	5	(4)	3	2	1
This run is a good length.	5	(4)	3	2	1
This is an aesthetically pleasing run.	5	(4)	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	3	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
KIMBALL FALLS	III	NO

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

DID NOT

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

Appendix Q Level 3 Assessment – Completed Whitewater Study Boater Evaluation Forms for 1,200 cfs Flow Release, all Reaches

Note: survey responses included documentation or markings on the maps include for Reach 1, Reach 2, or Reach 3; therefore, all maps were removed from all survey responses included in this Appendix in consideration of file size limits.

1,200 cfs Flow Release – Reach 1 – Gile Dam to South Drive Bridge

BOATER NAME: Ben Bjorkman

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # 2

Date of run: 06/11/2022

Target flow: 1200 cfs

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: 9'
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** _____

Take-Out Location: South Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: I V

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

Much Higher	☐
Higher	☐
Optimum	–
Lower	☐
Much Lower	☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	1	Hit bottom of bigde
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Gile falls	1 ✓	Yes

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

We hit the bottom of the bridge at gile falls. Would be an easy portage around.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

Below gile falls is a wonderful class I-II

BOATER NAME: Jason Blankenheim

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # 2

Date of run: _____

Target flow: 1200 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak (circled)
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** 12:30 est.

Take-Out Location: South Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: 4

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐
- Optimum ☐ > Somewhere between 1000-1200
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	(5)	4	3	2	1
This reach offers good overall whitewater challenge	(5)	4	3	2	1
The portages on this Reach are acceptable/usable.	(5)	4	3	2	1
This is a safe run.	5	(4)	3	2	1
This run is a good length.	(5)	4	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	2	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Gile Falls	4	

Bridge was really low @ 1200

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Bridge can be a low obstacle/pin at this level

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: BRIAN CASTILLO

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # 2

Date of run: 6/11/22

Target flow: 1200 cfs.

What type of craft did you use for this run (circle or put a check next to one):

(a.) Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** 2:20P

Take-Out Location: South Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: ONE IV + BUT OTHERWISE I-II

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

Much Higher	☐
Higher	☐
Optimum	☐
Lower	☒ MAYBE LIKE 1000 CFS
Much Lower	☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	5	(4)	3	2	1
This reach has nice water features (waves, holes, drops).	5	(4)	3	2	1
This reach has good play spots.	5	(4)	3	2	1
This reach offers good overall whitewater challenge	5	(4)	3	2	1
The portages on this Reach are acceptable/usable.	5	(4)	3	2	1
This is a safe run.	5	(4)	3	2	1
This run is a good length.	5	(4)	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	—	
I was *stopped* after hitting rocks or other obstacles.	—	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	—	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	1	CHOSE NOT TO RUN GILE FALLS

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
GILE FALLS, FIRST DROP WAS A BIT SKETCHY / TOUGH TO GET UNDER BRIDGE	IV	YES

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
AROUND GILE FALLS	(4)	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

N/A

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

WOULD RECOMMEND SETTING SAFETY @ GILE FALLS IF FOLKS WERE GOING TO RUN THAT

BOATER NAME: Tim Kordecki

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # 2

Date of run: 6/11

Target flow: 1200 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak (circled)
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** _____

Take-Out Location: South Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: IV

Enjoyment (relative to the flow of this run)
Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐
- Optimum ☑
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.		
I was *stopped* after hitting rocks or other obstacles.		
I had to *get out* to drag or pull my boat off rocks or other obstacles.		
I had to *portage* around unrunnable rapids, log jams, or other obstacles.		

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

The first bridge after Gile falls was too low everywhere except the far left side.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

1200 cfs is a great flow for solid class 4 boaters/kayakers

BOATER NAME: Brian Krueger

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # 2

Date of run: 6/11/22

Target flow: 1200 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** _____

Take-Out Location: South Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: IV+

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐
- Optimum ☐
- Lower ☒
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	(1)
This reach is boatable at this flow.	5	4	3	(2)	1
This reach has nice water features (waves, holes, drops).	5	4	(3)	2	1
This reach has good play spots.	5	4	3	2	(1)
This reach offers good overall whitewater challenge	5	4	(3)	2	1
The portages on this Reach are acceptable/usable.	5	4	(3)	2	1
This is a safe run.	5	4	(3)	2	1
This run is a good length.	5	(4)	3	2	1
This is an aesthetically pleasing run.	5	(4)	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	0	
I was *stopped* after hitting rocks or other obstacles.		
I had to *get out* to drag or pull my boat off rocks or other obstacles.		
I had to *portage* around unrunnable rapids, log jams, or other obstacles.		

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, (V))	Portage (Yes or (No))
gile falls has a large sticky looking hole, may be sneaked out the left, but didn't try it. Ran safer left channel and hit my head on the bridge		

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

The large hole in the middle of giles could be problematic. Setting safety to run the meat is a very good idea.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

There are not enough [redacted] features on this section to warrant me to paddle again.

BOATER NAME: Tony Locken

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # 2

Date of run: 11 JUN 22

Target flow: 1200 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** _____

Take-Out Location: South Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: IV

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐
- Optimum ☐
- Lower ☒
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	(2)	1
This reach is boatable at this flow.	5	(4)	3	2	1
This reach has nice water features (waves, holes, drops).	5	(4)	3	2	1
This reach has good play spots.	5	4	3	(2)	1
This reach offers good overall whitewater challenge	5	(4)	3	2	1
The portages on this Reach are acceptable/usable.	5	(4)	3	2	1
This is a safe run.	5	(4)	3	2	1
This run is a good length.	5	4	3	(2)	1
This is an aesthetically pleasing run.	5	(4)	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	(5)	
I was *stopped* after hitting rocks or other obstacles.	(0)	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	(0)	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	1	GILE FALLS

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
GILE FALLS	IV	Yes

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: Brian Robin

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # 2

Date of run: 6.11.22

Target flow: 1200 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** _____

Take-Out Location: South Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: Gile Falls - IV Rest II - III

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐
- Optimum ☒
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	0	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	1	Bridge above Gile Falls

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Gile Falls	IV	no

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
River Left above bridge	(4)	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

N/a

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

Great Level

BOATER NAME: Nathan S.

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # 2

Date of run: 6/11/22

Target flow: 1200 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** _____

Take-Out Location: South Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: IV

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐
- Optimum ☐
- Lower ☒
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	(3)	2	1
This reach is boatable at this flow.	5	(4)	3	2	1
This reach has nice water features (waves, holes, drops).	5	(4)	3	2	1
This reach has good play spots.	5	4	3	(2)	1
This reach offers good overall whitewater challenge	5	4	(3)	2	1
The portages on this Reach are acceptable/usable.	5	(4)	3	2	1
This is a safe run.	5	4	(3)	2	1
This run is a good length.	5	(4)	3	2	1
This is an aesthetically pleasing run.	5	(4)	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	0	
I was *stopped* after hitting rocks or other obstacles.		
I had to *get out* to drag or pull my boat off rocks or other obstacles.		
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	1	portage Gile Falls Low bridge

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Gile falls	IV	Yes

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
Gile Falls	(4)	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Gile Falls bridge is a possible hazard due to low clearance at this level.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: Kayla Sturgeon

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # 2

Date of run: _____

Target flow: 1200 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** _____

Take-Out Location: South Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: 2 w/ a 4 (Giles Falls)

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

Much Higher	☐
Higher	☐
Optimum	☒ optimum for everything after Giles Falls Bridge was barely runnable b/c too high so lower would be good for that rapid only
Lower	☒
Much Lower	☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	(5)	4	3	2	1
This reach offers good overall whitewater challenge	(5)	4	3	2	1
The portages on this Reach are acceptable/usable.	(5)	4	3	2	1
This is a safe run.	(5)	4	3	2	1
This run is a good length.	(5)	4	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	2	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	1	Giles Falls under the bridge. Put in after. Some ppl run the sneak on the L, but it's a little sketchy.

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Giles Falls	IV	Y

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
Giles Falls	4	(3)	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

No. Was good. River is very clean.
Over hanging Branches in parts, but easily avoidable.

Bridge @ Giles Falls is ~~[illegible]~~ pin/sweeper hazard on right side, which is what we ran @ 600 cfs. Sneak on L or portage.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

Higher flow made the flat water section a fun II. ~~[illegible]~~ A few waves, + potential play spots. Mostly just bomb it. Is a good warm up for the next section.

2nd 1/2 Giles Falls (after bridge) is paddled out and good II.

BOATER NAME: Matt Sturgeon

Whitewater Boater Run Evaluation Form
Reach 1 – Gile Dam to South Drive Bridge for Run # 2

Date of run: 6/11/22

Target flow: 1200 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: Gile Dam **Put-In Time:** 2:00

Take-Out Location: South Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: 3

Enjoyment (relative to the flow of this run)
Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐
- Optimum ☐
- Lower ☑
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	5	4	(3)	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	(2)	1
This reach has good play spots.	5	4	3	(2)	1
This reach offers good overall whitewater challenge	5	(4)	3	2	1
The portages on this Reach are acceptable/usable.	5	(4)	3	2	1
This is a safe run.	5	4	3	(2)	1
This run is a good length.	5	4	3	(2)	1
This is an aesthetically pleasing run.	5	(4)	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	(0)	
I was *stopped* after hitting rocks or other obstacles.	(0)	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	(0)	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	1	Bridge water too High NO Clearance

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Gile Full	4- large Hole 3- Portage	yes
Flat water	I	

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
River left, Put in after Bridge	(4)	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Bridge too low Due to High water

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

1,200 cfs Flow Release – Reach 2 – South Drive Bridge to Center Drive Bridge

BOATER NAME: Ben Bjorkman

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # 2

Date of run: 06/11/2022

Target flow: 1200 cfs

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: 9
f. Other _____

Put-In Location: South Drive **Put-In Time:** _____

Take-Out Location: Center Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: I - II

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐
- Optimum ☑
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.		
I was *stopped* after hitting rocks or other obstacles.		
I had to *get out* to drag or pull my boat off rocks or other obstacles.		
I had to *portage* around unrunnable rapids, log jams, or other obstacles.		

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

Wonderful class I-II section for beginners or tubing

BOATER NAME: Jason Blankenheim

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # 2

Date of run: _____

Target flow: 1200 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. (Hard shell kayak)
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** no idea

Take-Out Location: Center Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: 4

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐
- Optimum ☑ disregard answer from 6:00!
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	(5)	4	3	2	1
This reach offers good overall whitewater challenge	(5)	4	3	2	1
The portages on this Reach are acceptable/usable.	(5)	4	3	2	1
This is a safe run.	(5)	4	3	2	1
This run is a good length.	(5)	4	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	2-3	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Canyon - ton of fun!	4	

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

No

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

Super fun @ 1200!

BOATER NAME: BRIAN CASTILLO

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # 2

Date of run: 6/11/22

Target flow: 1200 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** ?

Take-Out Location: Center Drive **Take-Out Time:** ?

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: MOSTLY II & THEN III

Enjoyment (relative to the flow of this run)
Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

Much Higher	☐
Higher	☐
Optimum	☒
Lower	☐
Much Lower	☐

- FELT LIKE A GOOD LEVEL WOULD BE CURIOUS ABOUT 1400-1600 CFS

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	5	(4)	3	2	1
This reach offers good overall whitewater challenge	(5)	4	3	2	1
The portages on this Reach are acceptable/usable.	(5)	4	3	2	1
This is a safe run.	5	(4)	3	2	1
This run is a good length.	(5)	4	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	1	GOT OFF LINE
I was *stopped* after hitting rocks or other obstacles.	—	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	—	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	—	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
RAILROAD - LONG, CONTINUOUS, BIG	IV	NO
5 DROP - LITTLE PUNCHY	III	NO

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

N/A

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

I BELIEVE THE BEGINNING IS QUITE FLAT & THEN ONCE YOU HIT RAILROAD IT'S PRETTY FULL OF UNTIL THE END

BOATER NAME: Tim Kordecki

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # 2

Date of run: 6/11

Target flow: 1200 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** _____

Take-Out Location: Center Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: IV

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐
- Optimum ☑
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	(5)	4	3	2	1
This reach offers good overall whitewater challenge	(5)	4	3	2	1
The portages on this Reach are acceptable/usable.	(5)	4	3	2	1
This is a safe run.	(5)	4	3	2	1
This run is a good length.	(5)	4	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.		
I was *stopped* after hitting rocks or other obstacles.		
I had to *get out* to drag or pull my boat off rocks or other obstacles.		
I had to *portage* around unrunnable rapids, log jams, or other obstacles.		

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Rock Cut Falls	IV	NO
Holes after Rock Cut Falls	III – IV	NO

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: Brian Krueger

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # 2

Date of run: 6/11/22

Target flow: 1200 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. (Hard shell kayak)
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** _____

Take-Out Location: Center Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, (IV), or V):

Class: IV +

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐
- Optimum ☒
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	5	4	3	(2)	1
This reach offers good overall whitewater challenge	(5)	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	(3)	2	1
This is a safe run.	5	4	(3)	2	1
This run is a good length.	(5)	4	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	3	rocks were harder
I was *stopped* after hitting rocks or other obstacles.	0	to see and avoid at
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	this level
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, (IV), V)	Portage (Yes or No)
• canyon was wild!		
very fun for an advanced		
paddler		

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

great run! would come back

BOATER NAME: Tony Locken

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # 2

Date of run: 11JUN22

Target flow: 1200 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. (Hard shell kayak)
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** _____

Take-Out Location: Center Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: III

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☒
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	5	4	3	(2)	1
This reach offers good overall whitewater challenge	(5)	4	3	2	1
The portages on this Reach are acceptable/usable.	(5)	4	3	2	1
This is a safe run.	(5)	4	3	2	1
This run is a good length.	(5)	4	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	3	
I was *stopped* after hitting rocks or other obstacles.	3	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Canyon	III	NO
2nd drop ledges	III	No

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: Brian Robin

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # 2

Date of run: 6.11.22

Target flow: 1200 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak (circled)
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** _____

Take-Out Location: Center Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: IV

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

Much Higher	☐
Higher	☑
Optimum	☐
Lower	☐
Much Lower	☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	5	4	(3)	2	1
This reach offers good overall whitewater challenge	(5)	4	3	2	1
The portages on this Reach are acceptable/usable.	(5)	4	3	2	1
This is a safe run.	(5)	4	3	2	1
This run is a good length.	(5)	4	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	6	Maneuverable
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Canyon	IV	no
Second drop / ledges	III+	no

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Seemed fine, wood has potential to collect but enough flow to keep wood clear

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

Amazing level

BOATER NAME: Nathan S

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # 2

Date of run: 6/11/22

Target flow: 1200 cfs.

What type of craft did you use for this run (circle or put a check next to one):

(a) Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** _____

Take-Out Location: Center Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: IV

Enjoyment (relative to the flow of this run)
Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐
- Optimum ☒
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	5	(4)	3	2	1
This reach offers good overall whitewater challenge	(5)	4	3	2	1
The portages on this Reach are acceptable/usable.	5	(4)	3	2	1
This is a safe run.	5	(4)	3	2	1
This run is a good length.	(5)	4	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	0	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Rock at falls	IV	no
2nd falls	IV	no

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: Kayla Sturgeon

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # 2

Date of run: _____

Target flow: 1200 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** _____

Take-Out Location: Center Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: IV

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐
- Optimum ☒
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	5	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Canyon section	IV	N

Fun section but wouldn't want to swim.

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
N/A	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

No

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

Amazing fun. Rocks get padded out and make a fun series of ~~wa~~ continuous Class III + IV waves and holes.

Rating as a IV b/c you want a solid roll + would not want to swim this season. Would be very hard to get boat + swimmer after a swim until quite awhile. Would be safe swim for the most part. Holes flushy.

A few ppl on properties along the way waved.

BOATER NAME: Matt Sturgeon

Whitewater Boater Run Evaluation Form
Reach 2 – South Drive Bridge to Center Drive Bridge for Run # 2

Date of run: 6/11/22

Target flow: 1200 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** _____

Take-Out Location: Center Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: 4

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

Much Higher ☐
Higher ☐
Optimum ☒ so good
Lower ☐
Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	(4)	3	2	1
This reach has good play spots.	5	4	(3)	2	1
This reach offers good overall whitewater challenge	(5)	4	3	2	1
The portages on this Reach are acceptable/usable.	(5)	4	3	2	1
This is a safe run.	5	(4)	3	2	1
This run is a good length.	5	(4)	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	3	Bad line I took
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Canyon - Great Section	4	
Water Effect	3	
Ledge	3+	
Water effect	3	

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

Best Section Constant whitewater for over a mile

1,200 cfs Flow Release – Reach 3 – South Drive Bridge to Kimball Town Park

BOATER NAME: Ben Bjorkman

Whitewater Boater Run Evaluation Form
Reach 3 – Center Drive Bridge to Kimball Town Park for Run # 2

Date of run: 06/11/2022

Target flow: 1200 cfs

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: 9'
f. Other _____

Put-In Location: South Drive **Put-In Time:** _____

Take-Out Location: Center Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: I V

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐
- Optimum ☑
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.		
I was *stopped* after hitting rocks or other obstacles.		
I had to *get out* to drag or pull my boat off rocks or other obstacles.		
I had to *portage* around unrunnable rapids, log jams, or other obstacles.		

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Rock cut	I ✓	N
30seconds of rapids	II II	N
Kimball falls	I ✓	N

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

This is a wonderful section that with this flow would be an awesome commercial raft run.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: Jason Blankenheim

Whitewater Boater Run Evaluation Form
Reach 3 – Center Drive Bridge to Kimball Town Park for Run # 2

Date of run: _____

Target flow: 1200 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak (C)
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** No idea

Take-Out Location: Center Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: 4

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

Much Higher	☐
Higher	☐
Optimum	☑
Lower	☐
Much Lower	☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	(5)	4	3	2	1
This reach offers good overall whitewater challenge	(5)	4	3	2	1
The portages on this Reach are acceptable/usable.	(5)	4	3	2	1
This is a safe run.	(5)	4	3	2	1
This run is a good length.	(5)	4	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	2	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Ledge	4	No
Boogie water	3	No

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

NO

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

NO

BOATER NAME: BRIAN CASTILLO

Whitewater Boater Run Evaluation Form
Reach 3 – Center Drive Bridge to Kimball Town Park for Run # 2

Date of run: _____

Target flow: 1200 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** ?

Take-Out Location: Center Drive **Take-Out Time:** 3:35 P

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: III - IV

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

Much Higher	☐	
Higher	☐	x I WOULD DEFINITELY
Optimum	☒	BE INTERESTED TO GET IN
Lower	☐	@ 1400-1600 ON THIS
Much Lower	☐	STRETCH

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	5	(4)	3	2	1
This reach offers good overall whitewater challenge	(5)	4	3	2	1
The portages on this Reach are acceptable/usable.	(5)	4	3	2	1
This is a safe run.	5	(4)	3	2	1
This run is a good length.	(5)	4	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	2	THOUGHT IT WAS PADDED
I was *stopped* after hitting rocks or other obstacles.		
I had to *get out* to drag or pull my boat off rocks or other obstacles.		
I had to *portage* around unrunnable rapids, log jams, or other obstacles.		

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
1ST DROP	III	
2ND DROP FLOWS OVER LEDGE & THEN KICKS RIGHT	III	
BOOGIE H2O Redd d RUN	III	
KINDALL (A) TO (B) - THEN (2) TO (1)	IV	

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

FAIRLY CONTINUOUS SECTION SO FOLKS NEED TO HAVE SOLID SKILLS & WATER READING / RESCUE ABILITIES. IF SOME ONE SWAM - THEY'D BE IN THE WATER A WHILE

BOATER NAME: Tim Kordecki

Whitewater Boater Run Evaluation Form
Reach 3 – Center Drive Bridge to Kimball Town Park for Run # 2

Date of run: 6/11

Target flow: 1200 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. (Hard shell kayak)
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** _____

Take-Out Location: Center Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: III – IV

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐
- Optimum ☑
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	5	4	(3)	2	1
This reach offers good overall whitewater challenge	(5)	4	3	2	1
The portages on this Reach are acceptable/usable.	(5)	4	3	2	1
This is a safe run.	(5)	4	3	2	1
This run is a good length.	(5)	4	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.		
I was *stopped* after hitting rocks or other obstacles.		
I had to *get out* to drag or pull my boat off rocks or other obstacles.		
I had to *portage* around unrunnable rapids, log jams, or other obstacles.		

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Kimball Falls	III+	NO

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

At about 1500 cfs the bridge at Kimball Falls becomes a concern.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: Brian Krueger

Whitewater Boater Run Evaluation Form
Reach 3 – Center Drive Bridge to Kimball Town Park for Run # 2

Date of run: 6/11/22

Target flow: 1200 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. (Hard shell kayak)
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** _____

Take-Out Location: Center Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, (III, IV) or V):

Class: III - IV

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐
- Optimum ☒
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	5	4	3	(2)	1
This reach offers good overall whitewater challenge	5	(4)	3	2	1
The portages on this Reach are acceptable/usable.	5	4	(3)	2	1
This is a safe run.	5	(4)	3	2	1
This run is a good length.	(5)	4	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	3	rocks were harder
I was *stopped* after hitting rocks or other obstacles.		to see in order
I had to *get out* to drag or pull my boat off rocks or other obstacles.		to avoid
I had to *portage* around unrunnable rapids, log jams, or other obstacles.		

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, (III), IV, V)	Portage (Yes or No)
All good. Kimball is a great finish.		

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

great run. would come back

BOATER NAME: TONY LOCKEN

Whitewater Boater Run Evaluation Form
Reach 3 – Center Drive Bridge to Kimball Town Park for Run # 2

Date of run: 17 JUN 22

Target flow: 1200 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** _____

Take-Out Location: Center Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: III

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☒
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	5	4	3	(2)	1
This reach offers good overall whitewater challenge	(5)	4	3	2	1
The portages on this Reach are acceptable/usable.	(5)	4	3	2	1
This is a safe run.	(5)	4	3	2	1
This run is a good length.	(5)	4	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	9	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Kimball falls	II	No

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: Brian Robin

Whitewater Boater Run Evaluation Form
Reach 3 – Center Drive Bridge to Kimball Town Park for Run # 2

Date of run: 6.11.22

Target flow: 1210 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** _____

Take-Out Location: Center Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: III

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☑
- Optimum ☐
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	5	4	(3)	2	1
This reach offers good overall whitewater challenge	(5)	4	3	2	1
The portages on this Reach are acceptable/usable.	(5)	4	3	2	1
This is a safe run.	(5)	4	3	2	1
This run is a good length.	(5)	4	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	8	Manageable
I was *stopped* after hitting rocks or other obstacles.		
I had to *get out* to drag or pull my boat off rocks or other obstacles.		
I had to *portage* around unrunnable rapids, log jams, or other obstacles.		

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Kimball Falls	III	NO

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

No safety issues

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

Kimball Falls is a great spot to hang out, eat food. Can do laps on the rapid at park. Did 4 laps after we finished.

BOATER NAME: Nathan S.

Whitewater Boater Run Evaluation Form
Reach 3 – Center Drive Bridge to Kimball Town Park for Run # 2

Date of run: 6/11/22

Target flow: 1200 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. (Hard shell kayak) — d. Canoe (open)
b. Inflatable kayak — e. Raft, length: _____
c. Canoe (closed) — f. Other _____

Put-In Location: South Drive **Put-In Time:** _____

Take-Out Location: Center Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: IV

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐
- Optimum ☒
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	5	(4)	3	2	1
This reach offers good overall whitewater challenge	(5)	4	3	2	1
The portages on this Reach are acceptable/usable.	(5)	4	3	2	1
This is a safe run.	5	(4)	3	2	1
This run is a good length.	(5)	4	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	0	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Kimball falls	IV	no

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

BOATER NAME: Kayla Sturgeon

Whitewater Boater Run Evaluation Form
Reach 3 – Center Drive Bridge to Kimball Town Park for Run # 2

Date of run: _____

Target flow: 1200 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** _____

Take-Out Location: Center Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: III - IV

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐
- Optimum ☒
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	5	4	3	2	1
This reach is boatable at this flow.	5	4	3	2	1
This reach has nice water features (waves, holes, drops).	5	4	3	2	1
This reach has good play spots.	5	4	3	2	1
This reach offers good overall whitewater challenge	5	4	3	2	1
The portages on this Reach are acceptable/usable.	5	4	3	2	1
This is a safe run.	5	4	3	2	1
This run is a good length.	5	4	3	2	1
This is an aesthetically pleasing run.	5	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	0	
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Kimball Falls	IV -	N

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
N - but if did, would be easy b/c of boat access	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

No - overhang branches easily avoidable

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

Kimball Falls a good "chuck & huck" aka carry back up & re-run, b/c of ~~~~ park access. Good car & trailer access / parking. Nice nearby landowners.

Intimidating end rapid, but very friendly.

Overall, holes were flushy.

BOATER NAME: MATT Stuber

Whitewater Boater Run Evaluation Form
Reach 3 – Center Drive Bridge to Kimball Town Park for Run # 2

Date of run: 6/11/22

Target flow: 1200 cfs.

What type of craft did you use for this run (circle or put a check next to one):

a. Hard shell kayak
b. Inflatable kayak
c. Canoe (closed)
d. Canoe (open)
e. Raft, length: _____
f. Other _____

Put-In Location: South Drive **Put-In Time:** _____

Take-Out Location: Center Drive **Take-Out Time:** _____

Difficulty

How would you rate the whitewater difficulty on this reach (Class I, II, III, IV, or V):

Class: 3

Enjoyment (relative to the flow of this run)

Would you prefer a flow that was higher, lower, or was this the optimum flow? (check one)

- Much Higher ☐
- Higher ☐
- Optimum ☑ Great level
- Lower ☐
- Much Lower ☐

Satisfaction

Please rate each statement about the characteristics of this run at this flow. (circle one)

Statement	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
I am likely to return for future boating if the *flow for this run* were to be provided.	(5)	4	3	2	1
This reach is boatable at this flow.	(5)	4	3	2	1
This reach has nice water features (waves, holes, drops).	(5)	4	3	2	1
This reach has good play spots.	5	4	(3)	2	1
This reach offers good overall whitewater challenge	(5)	4	3	2	1
The portages on this Reach are acceptable/usable.	(5)	4	3	2	1
This is a safe run.	(5)	4	3	2	1
This run is a good length.	(5)	4	3	2	1
This is an aesthetically pleasing run.	(5)	4	3	2	1

Boatability

Please estimate the number of hits, stops, boat drags, and/or portages you had on this run.

Statement	Number of Times	Comments, if any
I *hit* rocks or other obstacles but did not stop.	3	Not Really an Issue
I was *stopped* after hitting rocks or other obstacles.	0	
I had to *get out* to drag or pull my boat off rocks or other obstacles.	0	
I had to *portage* around unrunnable rapids, log jams, or other obstacles.	0	

Challenges

Please identify particularly challenging rapids/sections and rate their difficulty at this flow using the International Whitewater Scale. Also note if you portaged any of these rapids/sections.

Location of Rapids/Sections (name, coordinates, description)	Difficulty Rating (Class I, II, III, IV, V)	Portage (Yes or No)
Water to Falls	2	No
Falls	3+	No

Portages

If you portaged, please rate the difficulty of the portage with your craft at this flow.

Portage Location:	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult
	4	3	2	1
	4	3	2	1
	4	3	2	1

Safety

Did you observe or experience any significant safety issues on this run such as swims, pins, wrapped boats, hang ups, holes, manmade obstacles, strainers, undercuts, or others?

If yes, please explain below.

Comments/Observations

If needed, use the space below to provide any additional comments or observations on this run.

At 1200 The Fall are Great and Safe Due to The Flowing At The Bottom

Appendix R Level 3 Assessment – Completed Whitewater Study Boater Evaluation Forms for Overall Experience

BOATER NAME: Ben Bjorkman

Whitewater Boater Evaluation Form
Overall Experience for Entire Reach - Gile Dam to Kimball Town Park

Flow Levels: please answer the following based on your boating trips at various flows.

Statement – for entire Reach	Flow (cfs)
What flow *range* provides the optimal whitewater boating experience	1200
What is the highest safe flow for your skill level and preferred craft	UNK
What is the optimal flow for a "standard" trip	900-1200
What is the optimal flow for a "high challenge" trip	UNK
If *one flow* was released for boating, what would be your optimal flow	1200

Boating Experience:

Are you likely to return for future boating if your optimal flow choice was provided? (check one)

Absolutely [X] Probably [ ] Maybe [ ] No [ ]

If you would return for boating, what months would you choose to return? (check all that apply)

Apr [ ] Jun [ ] Aug [ ] Oct [ ]
May [ ] July [ ] Sep [ ] Nov [ ]

Would the flows provided today be suitable for beginner/novice boaters? (check one)

Absolutely [ ] Probably [ ] Maybe [ ] No [ ]

If so, what flow level(s) would be appropriate for this skill level: 900 cfs

Were any of the flows provided today suitable for play boating? (check one)

Absolutely [ ] Some were [ ] Not really [ ] No [ ]

If so, what flow level(s) were suitable: 600-1200 cfs

Flow Information:

How do you prefer to receive flow information? (check all that apply)

Email notification ☐
Website information ☐
Call number with recording ☒
Other: _____

Other Whitewater Boating Opportunities:

Is there another whitewater boating opportunity in the area that is preferable to this Reach?

Yes ☐
No ☒

If yes:

- What is the name/location of the preferable opportunity: _____
- What is the difficulty class of the preferable opportunity: _____
- Is the preferable opportunity more challenging than your experience today: _____
- Does the preferable opportunity have more potential for boatability than today: _____

Hypothetical Flow Releases

Please provide an overall evaluation for the flow ranges available on this Reach based on your experiences and preferences today. Consider all flow-dependent characteristics that contribute to a high quality boating trip, such as boatability, challenge, play areas, safety, aesthetics, and length of run. If you do not feel comfortable evaluating a flow you have not boated or seen, leave that flow blank.

Would the following flow releases (cfs) create a high quality boating experience on this Reach: (circle your rating for each flow value)

Rating	400 cfs	600 cfs	800 cfs	1,000 cfs	1,100 cfs	1,300 cfs	1,500 cfs	1,700 cfs	2,000 cfs	2,500 cfs
Acceptable	5	5	5	5	5	5	5	5	5	5
Marginal	3	3	3	3	3	3	3	3	3	3
Unacceptable	1	1	1	1	1	1	1	1	1	1

BOATER NAME: Jason Blankenheim

Whitewater Boater Evaluation Form
Overall Experience for Entire Reach - Gile Dam to Kimball Town Park

Flow Levels: please answer the following based on your boating trips at various flows.

Statement – for entire Reach	Flow (cfs)
What flow *range* provides the optimal whitewater boating experience	1000-1200
What is the highest safe flow for your skill level and preferred craft	1200
What is the optimal flow for a "standard" trip	600-700
What is the optimal flow for a "high challenge" trip	1200
If *one flow* was released for boating, what would be your optimal flow	800

Boating Experience:

Are you likely to return for future boating if your optimal flow choice was provided? (check one)

Absolutely ☐ Probably ☑ Maybe ☐ No ☐

If you would return for boating, what months would you choose to return? (check all that apply)

Apr ☐ Jun ☑ Aug ☑ Oct ☐
May ☑ July ☑ Sep ☑ Nov ☐

Would the flows provided today be suitable for beginner/novice boaters? (check one)

Absolutely ☐ Probably ☐ Maybe ☐ No ☑

If so, what flow level(s) would be appropriate for this skill level: 0 cfs
novice shouldn't be on this run

Were any of the flows provided today suitable for play boating? (check one)

Absolutely ☐ Some were ☑ Not really ☐ No ☐

If so, what flow level(s) were suitable: both cfs

Flow Information:

How do you prefer to receive flow information? (check all that apply)

Email notification ☐
Website information ☑
Call number with recording ☐
Other: _____

Other Whitewater Boating Opportunities:

Is there another whitewater boating opportunity in the area that is preferable to this Reach?

Yes ☐
No ☑

If yes:

- What is the name/location of the preferable opportunity: _____
- What is the difficulty class of the preferable opportunity: _____
- Is the preferable opportunity more challenging than your experience today: _____
- Does the preferable opportunity have more potential for boatability than today: _____

Hypothetical Flow Releases

Please provide an overall evaluation for the flow ranges available on this Reach based on your experiences and preferences today. Consider all flow-dependent characteristics that contribute to a high quality boating trip, such as boatability, challenge, play areas, safety, aesthetics, and length of run. If you do not feel comfortable evaluating a flow you have not boated or seen, leave that flow blank.

Would the following flow releases (cfs) create a high quality boating experience on this Reach: (circle your rating for each flow value)

Rating	400 cfs	600 cfs	800 cfs	1,000 cfs	1,100 cfs	1,300 cfs	1,500 cfs	1,700 cfs	2,000 cfs	2,500 cfs
Acceptable	5	(5)	(5)	(5)	(5)	5	5	5	5	5
Marginal	3	3	3	3	3	(3)	(3)	3	3	3
Unacceptable	(1)	1	1	1	1	1	1	(1)	(1)	(1)

BOATER NAME: BRIAN CASTILLO

Whitewater Boater Evaluation Form
Overall Experience for Entire Reach - Gile Dam to Kimball Town Park

Flow Levels: please answer the following based on your boating trips at various flows.

Statement – for entire Reach	Flow (cfs)
What flow *range* provides the optimal whitewater boating experience	700 - 1200
What is the highest safe flow for your skill level and preferred craft	1600
What is the optimal flow for a "standard" trip	800
What is the optimal flow for a "high challenge" trip	1400
If *one flow* was released for boating, what would be your optimal flow	1000

Boating Experience:

Are you likely to return for future boating if your optimal flow choice was provided? (check one)

Absolutely [✓] Probably [ ] Maybe [ ] No [ ]

If you would return for boating, what months would you choose to return? (check all that apply)

Apr [ ] Jun [X] Aug [X] Oct [X]
May [ ] July [X] Sep [X] Nov [ ]

Would the flows provided today be suitable for beginner/novice boaters? (check one)

Absolutely [ ] Probably [ ] Maybe [X] No [ ]

If so, what flow level(s) would be appropriate for this skill level: 600 - 750 cfs

Were any of the flows provided today suitable for play boating? (check one)

Absolutely [ ] Some were [X] Not really [ ] No [ ]

If so, what flow level(s) were suitable: 800 - 1120 cfs

Flow Information:

How do you prefer to receive flow information? (check all that apply)

Email notification ☐
Website information ☑
Call number with recording ☑
Other: HAVING A GAUGE on AMERICAN WHITEWATER

Other Whitewater Boating Opportunities:

Is there another whitewater boating opportunity in the area that is preferable to this Reach?

Yes ☑
No ☐

If yes:

- What is the name/location of the preferable opportunity: MONTREAL CANYON
- What is the difficulty class of the preferable opportunity: III +
- Is the preferable opportunity more challenging than your experience today: NO
- Does the preferable opportunity have more potential for boatability than today: YES

Hypothetical Flow Releases

Please provide an overall evaluation for the flow ranges available on this Reach based on your experiences and preferences today. Consider all flow-dependent characteristics that contribute to a high quality boating trip, such as boatability, challenge, play areas, safety, aesthetics, and length of run. If you do not feel comfortable evaluating a flow you have not boated or seen, leave that flow blank.

Would the following flow releases (cfs) create a high quality boating experience on this Reach: (circle your rating for each flow value)

Rating	400 cfs	600 cfs	800 cfs	1,000 cfs	1,100 cfs	1,300 cfs	1,500 cfs	1,700 cfs	2,000 cfs	2,500 cfs
Acceptable	5	5	(5)	(5)	(5)	(5)	(5)	5	5	5
Marginal	(3)	(3)	3	3	3	3	3	(3)	3	3
Unacceptable	1	1	1	1	1	1	1	1	(1)	(1)

BOATER NAME: Tim Kordecki

Whitewater Boater Evaluation Form
Overall Experience for Entire Reach - Gile Dam to Kimball Town Park

Flow Levels: please answer the following based on your boating trips at various flows.

Statement – for entire Reach	Flow (cfs)
What flow *range* provides the optimal whitewater boating experience	
What is the highest safe flow for your skill level and preferred craft	2500
What is the optimal flow for a "standard" trip	900
What is the optimal flow for a "high challenge" trip	1100-1500
If *one flow* was released for boating, what would be your optimal flow	1000

Boating Experience:

Are you likely to return for future boating if your optimal flow choice was provided? (check one)

Absolutely [✓] Probably [ ] Maybe [ ] No [ ]

If you would return for boating, what months would you choose to return? (check all that apply)

Apr [✓] Jun [✓] Aug [✓] Oct [✓]
May [✓] July [✓] Sep [✓] Nov [✓]

Would the flows provided today be suitable for beginner/novice boaters? (check one)

Absolutely [ ] Probably [ ] Maybe [✓] No [ ]

If so, what flow level(s) would be appropriate for this skill level: 400 cfs

Were any of the flows provided today suitable for play boating? (check one)

Absolutely [ ] Some were [✓] Not really [ ] No [ ]

If so, what flow level(s) were suitable: 700 cfs

Flow Information:

How do you prefer to receive flow information? (check all that apply)

Email notification ☐
Website information ☑
Call number with recording ☑
Other: _____

Other Whitewater Boating Opportunities:

Is there another whitewater boating opportunity in the area that is preferable to this Reach?

Yes ☐
No ☑

If yes:

- What is the name/location of the preferable opportunity: _____
- What is the difficulty class of the preferable opportunity: _____
- Is the preferable opportunity more challenging than your experience today: _____
- Does the preferable opportunity have more potential for boatability than today: _____

Hypothetical Flow Releases

Please provide an overall evaluation for the flow ranges available on this Reach based on your experiences and preferences today. Consider all flow-dependent characteristics that contribute to a high quality boating trip, such as boatability, challenge, play areas, safety, aesthetics, and length of run. If you do not feel comfortable evaluating a flow you have not boated or seen, leave that flow blank.

Would the following flow releases (cfs) create a high quality boating experience on this Reach: (circle your rating for each flow value)

Rating	400 cfs	600 cfs	800 cfs	1,000 cfs	1,100 cfs	1,300 cfs	1,500 cfs	1,700 cfs	2,000 cfs	2,500 cfs
Acceptable	5	(5)	(5)	(5)	(5)	(5)	(5)	5	5	5
Marginal	(3)	3	3	3	3	3	3	(3)	(3)	(3)
Unacceptable	1	1	1	1	1	1	1	1	1	1

BOATER NAME: Brian Krueger

Whitewater Boater Evaluation Form
Overall Experience for Entire Reach - Gile Dam to Kimball Town Park

Flow Levels: please answer the following based on your boating trips at various flows.

Statement – for entire Reach	Flow (cfs)
What flow *range* provides the optimal whitewater boating experience	above 600
What is the highest safe flow for your skill level and preferred craft	?
What is the optimal flow for a "standard" trip	800 – 1200 ?
What is the optimal flow for a "high challenge" trip	1200 +
If *one flow* was released for boating, what would be your optimal flow	1000 +

Boating Experience:

Are you likely to return for future boating if your optimal flow choice was provided? (check one)

Absolutely [✓] Probably [ ] Maybe [ ] No [ ]

If you would return for boating, what months would you choose to return? (check all that apply)

Apr [ ] Jun [X] Aug [X] Oct [ ]
May [ ] July [X] Sep [ ] Nov [ ]

Would the flows provided today be suitable for beginner/novice boaters? (check one)

Absolutely [ ] Probably [ ] Maybe [ ] No [X]

If so, what flow level(s) would be appropriate for this skill level: don't know rapids are very long and a swim would make for a bad day cfs

Were any of the flows provided today suitable for play boating? (check one)

Absolutely [ ] Some were [ ] Not really [ ] No [X]

If so, what flow level(s) were suitable: _____ cfs

Flow Information:

How do you prefer to receive flow information? (check all that apply)

Email notification [X]

Website information [X]

Call number with recording [X]

Other: _____

Other Whitewater Boating Opportunities:

Is there another whitewater boating opportunity in the area that is preferable to this Reach?

Yes [ ] Each nearby run has a diffrent character.

No [ ] It all comes down to levels of the nearby runs.

If yes:

- What is the name/location of the preferable opportunity: _____
- What is the difficulty class of the preferable opportunity: _____
- Is the preferable opportunity more challenging than your experience today: _____
- Does the preferable opportunity have more potential for boatability than today: _____

Hypothetical Flow Releases

Please provide an overall evaluation for the flow ranges available on this Reach based on your experiences and preferences today. Consider all flow-dependent characteristics that contribute to a high quality boating trip, such as boatability, challenge, play areas, safety, aesthetics, and length of run. If you do not feel comfortable evaluating a flow you have not boated or seen, leave that flow blank.

Would the following flow releases (cfs) create a high quality boating experience on this Reach: (circle your rating for each flow value)

Rating	400 cfs	600 cfs	800 cfs	1,000 cfs	1,100 cfs	1,300 cfs	1,500 cfs	1,700 cfs	2,000 cfs	2,500 cfs
Acceptable	5	~~5~~	(5)	(5)	(5)	5	5	5	5	5
Marginal	(3)	(3)	3	3	3	3	3	3	3	3
Unacceptable	1	1	1	1	1	1	1	1	1	1

BOATER NAME: Tony Lacken

Whitewater Boater Evaluation Form
Overall Experience for Entire Reach - Gile Dam to Kimball Town Park

Flow Levels: please answer the following based on your boating trips at various flows.

Statement – for entire Reach	Flow (cfs)
What flow *range* provides the optimal whitewater boating experience	3,000
What is the highest safe flow for your skill level and preferred craft	3,000
What is the optimal flow for a "standard" trip	1,500
What is the optimal flow for a "high challenge" trip	5,000
If *one flow* was released for boating, what would be your optimal flow	2,000

Boating Experience:

Are you likely to return for future boating if your optimal flow choice was provided? (check one)

Absolutely [X] Probably [ ] Maybe [ ] No [ ]

If you would return for boating, what months would you choose to return? (check all that apply)

Apr [ ] Jun [X] Aug [X] Oct [X]
May [ ] July [X] Sep [X] Nov [ ]

Would the flows provided today be suitable for beginner/novice boaters? (check one)

Absolutely [X] Probably [ ] Maybe [ ] No [ ]

If so, what flow level(s) would be appropriate for this skill level: 1500 cfs

Were any of the flows provided today suitable for play boating? (check one)

Absolutely [ ] Some were [ ] Not really [X] No [ ]

If so, what flow level(s) were suitable: 1500 cfs

Flow Information:

How do you prefer to receive flow information? (check all that apply)

Email notification ☐
Website information ☒
Call number with recording ☐
Other: _____

Other Whitewater Boating Opportunities:

Is there another whitewater boating opportunity in the area that is preferable to this Reach?

Yes ☒
No ☐

If yes:

- What is the name/location of the preferable opportunity: Black
- What is the difficulty class of the preferable opportunity: V, IV
- Is the preferable opportunity more challenging than your experience today: yes
- Does the preferable opportunity have more potential for boatability than today: yes

Hypothetical Flow Releases

Please provide an overall evaluation for the flow ranges available on this Reach based on your experiences and preferences today. Consider all flow-dependent characteristics that contribute to a high quality boating trip, such as boatability, challenge, play areas, safety, aesthetics, and length of run. If you do not feel comfortable evaluating a flow you have not boated or seen, leave that flow blank.

Would the following flow releases (cfs) create a high quality boating experience on this Reach: (circle your rating for each flow value)

Rating	400 cfs	600 cfs	800 cfs	1,000 cfs	1,100 cfs	1,300 cfs	1,500 cfs	1,700 cfs	2,000 cfs	2,500 cfs
Acceptable	5	5	5	5	5	5	5	5	5	5
Marginal	3	3	3	3	3	3	3	3	3	3
Unacceptable	1	1	1	1	1	1	1	1	1	1

BOATER NAME: BRIAN ROBIN

Whitewater Boater Evaluation Form
Overall Experience for Entire Reach - Gile Dam to Kimball Town Park

Flow Levels: please answer the following based on your boating trips at various flows.

Statement – for entire Reach	Flow (cfs)
What flow *range* provides the optimal whitewater boating experience	2000
What is the highest safe flow for your skill level and preferred craft	unknown, to be determined
What is the optimal flow for a "standard" trip	1500
What is the optimal flow for a "high challenge" trip	3500+
If *one flow* was released for boating, what would be your optimal flow	1500

Boating Experience:

Are you likely to return for future boating if your optimal flow choice was provided? (check one)

Absolutely [X] Probably [ ] Maybe [ ] No [ ]

If you would return for boating, what months would you choose to return? (check all that apply)

Apr [ ] Jun [X] Aug [X] Oct [ ]
May [ ] July [X] Sep [X] Nov [ ]

Would the flows provided today be suitable for beginner/novice boaters? (check one)

Absolutely [X] Probably [ ] Maybe [ ] No [ ]

→ Note, below gile falls to canyon

If so, what flow level(s) would be appropriate for this skill level: 1500 cfs

Were any of the flows provided today suitable for play boating? (check one)

Absolutely [ ] Some were [ ] Not really [X] No [ ]

If so, what flow level(s) were suitable: Not a river for play boating, shallow at 1700, cfs

Flow Information:

How do you prefer to receive flow information? (check all that apply)

Email notification ☑
Website information ☑
Call number with recording ☐
Other: _____

Other Whitewater Boating Opportunities:

Is there another whitewater boating opportunity in the area that is preferable to this Reach?

Yes ☑
No ☐

If yes:

- What is the name/location of the preferable opportunity: Black River, Presque River
- What is the difficulty class of the preferable opportunity: V , IV-V
- Is the preferable opportunity more challenging than your experience today: Yes
- Does the preferable opportunity have more potential for boatability than today: no

Hypothetical Flow Releases

Please provide an overall evaluation for the flow ranges available on this Reach based on your experiences and preferences today. Consider all flow-dependent characteristics that contribute to a high quality boating trip, such as boatability, challenge, play areas, safety, aesthetics, and length of run. If you do not feel comfortable evaluating a flow you have not boated or seen, leave that flow blank.

Would the following flow releases (cfs) create a high quality boating experience on this Reach: (circle your rating for each flow value)

Rating	400 cfs	600 cfs	800 cfs	1,000 cfs	1,100 cfs	1,300 cfs	1,500 cfs	1,700 cfs	2,000 cfs	2,500 cfs
Acceptable	5	5	5	5	5	(5)	(5)	(5)	(5)	(5)
Marginal	3	3	(3)	(3)	(3)	3	3	3	3	3
Unacceptable	(1)	(1)	1	1	1	1	1	1	1	1

BOATER NAME: Nathan S.

Whitewater Boater Evaluation Form
Overall Experience for Entire Reach - Gile Dam to Kimball Town Park

Flow Levels: please answer the following based on your boating trips at various flows.

Statement – for entire Reach	Flow (cfs)
What flow *range* provides the optimal whitewater boating experience	800-1000 - 1200+ Skid Gile falls
What is the highest safe flow for your skill level and preferred craft	1300
What is the optimal flow for a "standard" trip	1200
What is the optimal flow for a "high challenge" trip	1600+
If *one flow* was released for boating, what would be your optimal flow	1300

Boating Experience:

Are you likely to return for future boating if your optimal flow choice was provided? (check one)

Absolutely [X] Probably [ ] Maybe [ ] No [ ]

If you would return for boating, what months would you choose to return? (check all that apply)

Apr [ ] Jun [X] Aug [X] Oct [X]
May [X] July [X] Sep [X] Nov [ ]

Would the flows provided today be suitable for beginner/novice boaters? (check one)

Absolutely [ ] Probably [ ] Maybe [ ] No [X]

If so, what flow level(s) would be appropriate for this skill level: 600-800 cfs

Were any of the flows provided today suitable for play boating? (check one)

Absolutely [X] Some were [ ] Not really [ ] No [ ]

If so, what flow level(s) were suitable: 1200 cfs

Flow Information:

How do you prefer to receive flow information? (check all that apply)

Email notification ☐
Website information ☒
Call number with recording ☒
Other: _____

Other Whitewater Boating Opportunities:

Is there another whitewater boating opportunity in the area that is preferable to this Reach?

Yes ☐
No ☐

If yes:

- What is the name/location of the preferable opportunity: _____
- What is the difficulty class of the preferable opportunity: _____
- Is the preferable opportunity more challenging than your experience today: _____
- Does the preferable opportunity have more potential for boatability than today: _____

Hypothetical Flow Releases

Please provide an overall evaluation for the flow ranges available on this Reach based on your experiences and preferences today. Consider all flow-dependent characteristics that contribute to a high quality boating trip, such as boatability, challenge, play areas, safety, aesthetics, and length of run. If you do not feel comfortable evaluating a flow you have not boated or seen, leave that flow blank.

Would the following flow releases (cfs) create a high quality boating experience on this Reach: (circle your rating for each flow value)

Rating	400 cfs	600 cfs	800 cfs	1,000 cfs	1,100 cfs	1,300 cfs	1,500 cfs	1,700 cfs	2,000 cfs	2,500 cfs
Acceptable	5	5	(5)	(5)	(5)	(5)	(5)	5	5	5
Marginal	3	(3)	3	3	3	3	3	3	3	3
Unacceptable	(1)	1	1	1	1	1	1	1	1	1

BOATER NAME: Kayla Sturgeon

Whitewater Boater Evaluation Form
Overall Experience for Entire Reach - Gile Dam to Kimball Town Park

Flow Levels: please answer the following based on your boating trips at various flows.

Statement – for entire Reach	Flow (cfs)
What flow *range* provides the optimal whitewater boating experience	1000-1200 cfs
What is the highest safe flow for your skill level and preferred craft	Unknown. 1200 was perfect fine,
What is the optimal flow for a "standard" trip	1000-1200 cfs
What is the optimal flow for a "high challenge" trip	More than 1200?
If *one flow* was released for boating, what would be your optimal flow	1200 b/c I've only run it today. 1200 was amazing

Boating Experience:

Are you likely to return for future boating if your optimal flow choice was provided? (check one)

Absolutely [X] Probably [ ] Maybe [ ] No [ ]

If you would return for boating, what months would you choose to return? (check all that apply)

Apr [X] Jun [X] Aug [X] Oct [X]
May [X] July [X] Sep [X] Nov [X]

Coordination w/ other whitewater events in the Midwest would be key. Some weekends as Wausau, St Louis releases (esp Paddlemania), & Charles City Challenge would not have as high attendance.

Would the flows provided today be suitable for beginner/novice boaters? (check one)

Absolutely [ ] Probably [ ] Maybe [ ] No [X]

If so, what flow level(s) would be appropriate for this skill level: _____ cfs

Int w/ a roll

Were any of the flows provided today suitable for play boating? (check one)

Absolutely [ ] Some were [ ] Not really [X] No [ ]

If so, what flow level(s) were suitable: _____ cfs

Good for a 1/2 slice

A confident boater could do 1200 in

Flow Information:

How do you prefer to receive flow information? (check all that apply)

Email notification ☐

Website information ☒

Call number with recording ☐

Other: AW (Facebook / American Whitewater) though will look on a utility company website if necessary.

Other Whitewater Boating Opportunities:

Is there another whitewater boating opportunity in the area that is preferable to this Reach?

Yes ☐

No ☒

If yes:

- What is the name/location of the preferable opportunity: _____
- What is the difficulty class of the preferable opportunity: _____
- Is the preferable opportunity more challenging than your experience today: _____
- Does the preferable opportunity have more potential for boatability than today: _____

Hypothetical Flow Releases

Please provide an overall evaluation for the flow ranges available on this Reach based on your experiences and preferences today. Consider all flow-dependent characteristics that contribute to a high quality boating trip, such as boatability, challenge, play areas, safety, aesthetics, and length of run. If you do not feel comfortable evaluating a flow you have not boated or seen, leave that flow blank.

Would the following flow releases (cfs) create a high quality boating experience on this Reach: (circle your rating for each flow value)

Rating	400 cfs	600 cfs	800 cfs	1,000 cfs	1,100 cfs	1,300 cfs	1,500 cfs	1,700 cfs	2,000 cfs	2,500 cfs
Acceptable	5	5	5	(5)	(5)	(5)	5	5	5	5
Marginal	3	3	(3)	3	3	3	3	3	3	3
Unacceptable	(1)	(1)	1	1	1	1	1	1	1	1

600 cfs would not get me to drive to run this, maybe even Unknown. Few yrs. long a T... it def... back Cr...

BOATER NAME: Matt Stegeman

Whitewater Boater Evaluation Form
Overall Experience for Entire Reach - Gile Dam to Kimball Town Park

Flow Levels: please answer the following based on your boating trips at various flows.

Statement – for entire Reach	Flow (cfs)
What flow *range* provides the optimal whitewater boating experience	1200
What is the highest safe flow for your skill level and preferred craft	2000+ Bridge Issue
What is the optimal flow for a "standard" trip	
What is the optimal flow for a "high challenge" trip	
If *one flow* was released for boating, what would be your optimal flow	

Boating Experience:

Are you likely to return for future boating if your optimal flow choice was provided? (check one)

Absolutely [✓] Probably [ ] Maybe [ ] No [ ]

If you would return for boating, what months would you choose to return? (check all that apply)

Apr [ ] Jun [✓] Aug [✓] Oct [ ]
May [ ] July [✓] Sep [✓] Nov [ ]

Would the flows provided today be suitable for beginner/novice boaters? (check one)

Absolutely [ ] Probably [✓] Maybe [ ] No [ ]

If so, what flow level(s) would be appropriate for this skill level: 800-1000 cfs

Were any of the flows provided today suitable for play boating? (check one)

Absolutely [ ] Some were [ ] Not really [✓] No [ ]

If so, what flow level(s) were suitable: _____ cfs

Flow Information:

How do you prefer to receive flow information? (check all that apply)

Email notification ☑
Website information ☑
Call number with recording ☐
Other: _____

Other Whitewater Boating Opportunities:

Is there another whitewater boating opportunity in the area that is preferable to this Reach?

Yes ☐
No ☑ Not that I am aware (Wausau Maybe but it's flat water)

If yes:

- What is the name/location of the preferable opportunity: _____
- What is the difficulty class of the preferable opportunity: _____
- Is the preferable opportunity more challenging than your experience today: _____
- Does the preferable opportunity have more potential for boatability than today: _____

Hypothetical Flow Releases

Please provide an overall evaluation for the flow ranges available on this Reach based on your experiences and preferences today. Consider all flow-dependent characteristics that contribute to a high quality boating trip, such as boatability, challenge, play areas, safety, aesthetics, and length of run. If you do not feel comfortable evaluating a flow you have not boated or seen, leave that flow blank.

Would the following flow releases (cfs) create a high quality boating experience on this Reach: (circle your rating for each flow value)

Rating	400 cfs	600 cfs	800 cfs	1,000 cfs	1,100 cfs	1,300 cfs	1,500 cfs	1,700 cfs	2,000 cfs	2,500 cfs
Acceptable	5	5	(5)	(5)	5	5	5	5	5	5
Marginal	3	(3)	3	3	3	3	3	3	3	3
Unacceptable	(1)	1	1	1	1	1	1	1	1	1

Appendix S Level 3 Assessment – Photo Documentation

Level 3 Assessment – Whitewater Recreation Study Photo Documentation, June 11, 2022

Put-in at Gile Dam, prior to Study at 600 cfs

Start of Reach 1 – Directly downstream of Gile Dam at 600 cfs

End of Reach 1 – Upstream of South Drive bridge at 600 cfs

Boaters approaching South Drive bridge

South Drive take-out at river-left downstream

Boater Survey for Reach 1 at South Drive bridge for 600 cfs

Boater Survey for Reach 1 at South Drive bridge for 600 cfs

South Drive bridge was used as a take-out location only for the 600 cfs flow release due to the overwhelming population of biting insects. Boaters agreed to skip the second take-out at Center Drive bridge and proceed until the end of the run just past Kimball Falls at Kimball Town Park.

Start of Reach 2 – Downstream of South Drive bridge at 600 cfs

Boaters starting Reach 2 at South Drive at 600 cfs

Boaters downstream of South Drive at 600 cfs

End of Reach 2 – Upstream of Center Drive bridge at 600 cfs

Boaters at curve just south of Center Drive at intersection with Park Street, 600cfs

Boaters upstream of Center Drive bridge at 600cfs

Boaters upstream of Center Drive bridge at 600cfs

Start of Reach 3 – Downstream of Center Drive bridge at 600 cfs

End of Reach 3 – Upstream of Kimball Falls at Kimball Town Park, 600 cfs

End of Reach 3 – Kimball Town Park bridge over Kimball Falls at 600 cfs

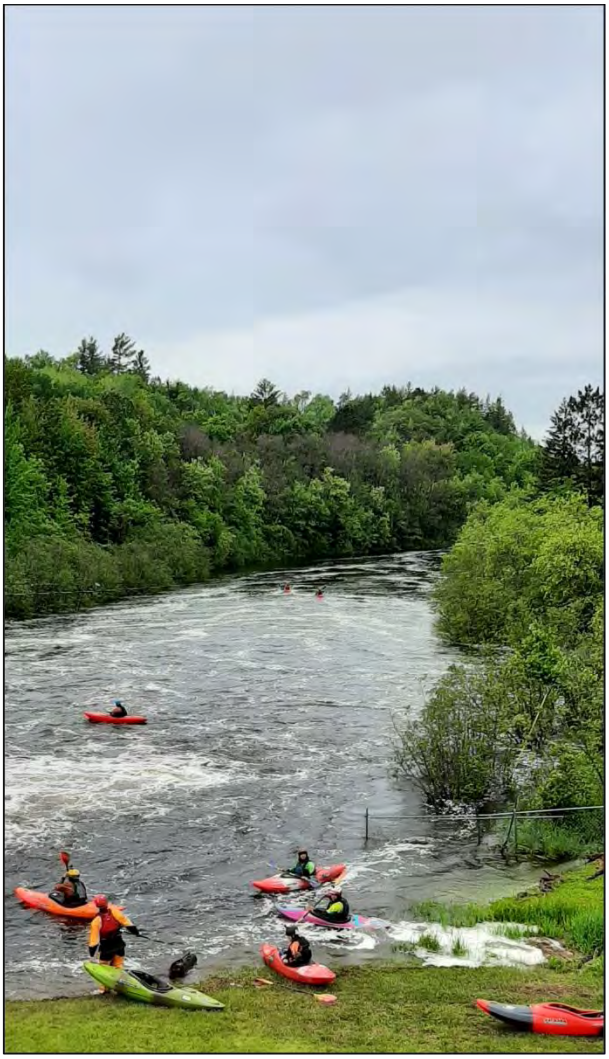
Boaters upstream of Kimball Town Park bridge approaching Kimball Falls at 600cfs

End of Reach 3 – Downstream of Kimball Town Park bridge over Kimball Falls at 600 cfs

End of Reach 3 – Raft at Kimball Falls at 600 cfs and take-out area river-right

End of Reach 3 – Kayakers at Kimball Falls at 600 cfs and take-out area river-right

Put-in at Gile Dam, prior to Study at 1,200 cfs



Start of Reach 1 – Directly downstream of Gile Dam at 1,200 cfs

End of Reach 1 – Upstream of South Drive bridge at 1,200 cfs

End of Reach 1 – Upstream of South Drive bridge at 1,200 cfs, clearance roughly 3 feet

End of Reach 1 – Boaters approaching South Drive bridge at 1,200 cfs

End of Reach 1 – Boater approaching South Drive bridge clearance at 1,200 cfs

Start of Reach 2 – Downstream of South Drive bridge at 1,200 cfs

Boaters starting Reach 2 downstream of South Drive bridge at 1,200 cfs

End of Reach 2 – Upstream of Center Drive bridge at 1,200 cfs

Boaters upstream of Center Drive bridge at 1,200cfs

Start of Reach 3 – Downstream of Center Drive bridge at 1,200 cfs

Start of Reach 3 – Boaters starting downstream of Center Drive bridge at 1,200 cfs

End of Reach 3 – Upstream of Kimball Falls at Kimball Town Park, 1,200 cfs

End of Reach 3 – Upstream of Kimball Falls at Kimball Town Park, 1,200 cfs

End of Reach 3 – Upstream of Kimball Falls at Kimball Town Park, 1,200 cfs

End of Reach 3 – Kimball Town Park bridge upstream of Kimball Falls at 1,200 cfs

Boaters upstream of Kimball Town Park bridge approaching Kimball Falls at 1,200cfs

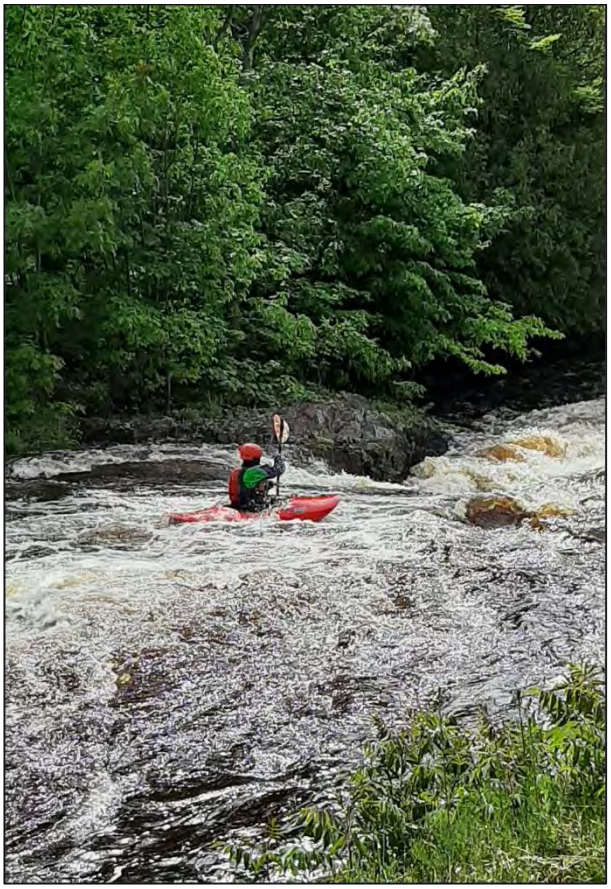
End of Reach 3 – Downstream of Kimball Town Park bridge over Kimball Falls at 1,200 cfs

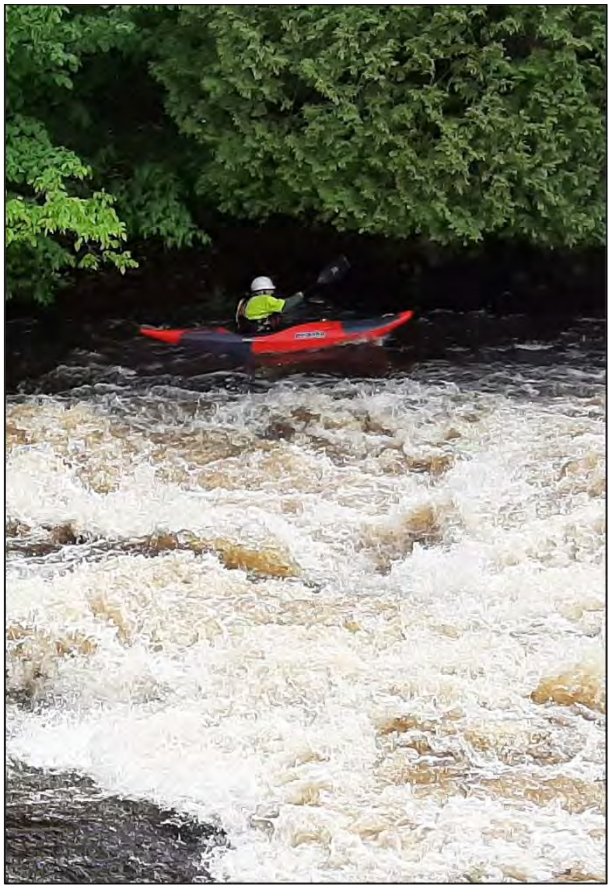
End of Reach 3 – Kimball Town Park bridge downstream of Kimball Falls at 1,200 cfs

End of Reach 3 – Boaters under Kimball Town Park bridge at 1,200 cfs

End of Reach 3 – Boaters under Kimball Town Park bridge at 1,200 cfs

End of Reach 3 – Boaters on Kimball Falls at 1,200 cfs, downstream of Kimball Town Park bridge





End of Reach 3 – Kimball Falls at 1,200 cfs and take-out area river-right

End of Reach 3 – Kimball Falls at 1,200 cfs and take-out area river-right

End of Study – Take-out area river-right, downstream of Kimball Falls at 1,200

End of Study – Take-out area river-right, downstream of Kimball Falls at 1,200