First-time use











 Imith River Algae App ABOUT THIS PROJECT Version 1.1.25 Many types of algae grow in Montana, especially when nutrient, temperature, light, and flow conditions allow. Sometimes there is enough algae that it becomes a nuisance. Excessive algae in water bodies can negatively affect recreational experiences and can harm fish and other aquatic life. More information is needed about algae growth on the Smith River, such as where it grows, how much it grows, and when. Access to the river is limited during spring and summer when nuisance algae is most likely; therefore, Montana Department of Environmental Quality, in coordination with Montana Department of Fish, Wildlife and Parks and the Environmental Protection Agency, created this app so volunteers can help collect this information. This app is easy to use. Take one or more photos of algae conditions seen in the river throughout your float or visit. After taking each photo, answer two questions about the algae you photographed. When you have Figure 21 About Page. 	Smith River Algae App ABOUT THIS PROJECT each prioto, answer two questions about the algae you photographed. When you have taken all the photos you want to submit, follow the prompts to submit them to DEQ once you return to wireless network coverage (a wi-fi connection is recommended to avoid data charges). At the time of submittal, you can opt to provide your contact information to be entered into a prize drawing. DEQ will use the photos to create an online map and will analyze them to better understand the algae's prevalence. Your contact information will not be displayed on this map. This information will be used to help identify next steps in addressing the algae issue. If you want more information about this project, please contact Darrin Kron (dkron@mt.gov, 406-444-4765) or Katie Makarowski (kmkarowski@mtgov, 406-444-3507).
Smith River Algae App ABOUT THIS PROJECT Government of angle issue in you near more information about this project, please contact Darrin Kron (dkron@mt.gov, 406-444-4765) or Katie Makarowski (kmkarowski@mtgov, 406-444-3507). Figure 25 About Page - page 3 of 4	Figure 24 About Page - page 4 of 4
 Smith River Algae App GUIDANCE FOR TAKING PHOTOS Take pictures of algae and not moss or other rooted plants Algae do not have leaves, flowers, stems, or roots. Some algae form long, stringy hair-like strands attached to rocks while others form slimy, dense mats on the river bottom. Algae may also attach to moss or rooted plants. Chlorophyll is the pigment that makes plants green. Algae beginning to establish is often bright, vibrant green. Mature algae may be darker green and dead or dying algae becomes pale or brownish. ALGAE: 	Smith River Algae App CUIDANCE FOR TAKING PHOTOS CUIDANCE FOR TAKING PHOTOS COTED AQUATIC PLANTS (NOT ALGAE)

Figure 25 Guidance Page.	Figure 26 Guidance Page - page 2 of 5
Available via Guidance for Taking Pictures' on Start Page - page 1 of 5, or from Upper right menu (3-dashes) and selecting Guidance	
ROOTED AQUATIC PLANTS (NOT ALGAE)Image: Not algaeImage: Not algaeMoss (NOT Algae)Image: Not algaeImage:	Include as much river bottom as possible. Photos showing large areas of river bottom are more useful than photos of small, isolated areas. Avoid zooming in too close. Minimize glare from the sun so the river bottom is visible Adjust the angle of your device or the direction you're facing to find the view with the least amount of glare from sunlight on the water surface. Exclude people in photos We want these algae photos to remain anonymous. Please exclude people. Include items in your photo to provide scale. Where possible, include the horizon to distinguish the size of the area the photo encompasses. Boats, oars or other recognizable items may also help to provide scale. Take photos throughout your float, if possible. Take plotos throughout your float, if possible. Take 28 Guidance Page - page 4 of 5
Image: Provide a start of the service of the servi	