

AIS Early Detection & Response Grant Application City of Madison Japanese Knotweed Management Plan

If awarded an Aquatic Invasive Species Early Detection and Response Grant, the City of Madison will contract with Quercus Land Stewardship Services and Stantec Consulting Services Inc. to treat Japanese knotweed (*Polygonum cuspidatum*) infestations according to the following Management Plan.

Japanese knotweed infestations will undergo two (2) treatments per growing season. Sites will be treated each year until infestation has been eradicated. Monitoring will occur for no fewer than three (3) years following presumed eradication. Monitoring will include no fewer than three (3) visits to site of presumed eradication throughout the course of the growing season—one visit May-June, one visit in July, and one visit August-September. If Japanese knotweed is found growing on site during monitoring period, treatments will begin again as soon as possible after plants are discovered—if found prior to August 1, sites will undergo two (2) full treatments in the year it was discovered. If found between August 1 and September 30, one (1) treatment will be pursued with two (2) treatments to be resumed the following growing season. If found after September 30, two (2) treatments will be pursued in the following year.

Treatment #1: Mow or cut all infestations. At least one cutting will occur for all infestations before July 31. If time allows, some sites may be cut or mowed in May/June and again in July.

Treatment #2: Foliar spray resprouts of all infestations. Herbicide application treatments will occur during active bloom time in August or September and will include application of an imazapyr based herbicide plus methylated seed oil. On aquatic sites, treatments will include application of Polaris AC (imazapyr). Some treatments may also include cutting. Pesticide will be applied according to label instructions at rates specified on label.

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