GAME, FISH AND PARKS COMMISSION ACTION
PROPOSAL

Aquatic Invasive Species			
Chapter 41:10:04			
Commission Meeting Dates:	Proposal	September 5-6, 2019	Spearfish
	Public Hearing	October 3, 2019	Oacoma
	Finalization	October 3-4, 2019	Oacoma

DEPARTMENT RECOMMENDATION

1. Add spiny waterflea (*Bythotrephes longimanus)*, round goby (*Neogobius melanostomus)*, and white perch (*Morone americana*), to the aquatic invasive species (AIS) list in South Dakota.

2. Add Lakes Sharpe and Francis Case to the list of designated containment waters for AIS management in South Dakota.

SUPPORTIVE INFORMATION

1. **Spiny waterflea-** have spread from the Great Lakes to multiple waters in Minnesota. Have caused major changes in zooplankton community structure. Compete with larval sport fish for zooplankton, consuming 75% of bodyweight per day in prey items. Entangle fishing lines and gear impacting recreational fishing and tourism. **Round goby-** have spread from the Great Lakes to multiple waters in Illinois and Minnesota, leading to large declines in native fish populations. High predation of smallmouth bass eggs has led to seasonal closures of Lake Erie in May and June when 50% of smallmouth bass total catch occurs, affecting recreation and tourism. There are concerns with intentional stocking by anglers that believe they will help walleye fisheries in South Dakota. **White perch-** have spread to South Dakota's border with Nebraska and Iowa. White perch feed heavily on walleye and white bass eggs and may be responsible for the collapse of the walleye fishery in the Bay of Quinte on the north shore of Lake Ontario. Potential for competition with prey and sport fishes.

2. The discovery of zebra mussels in Lake Sharpe and the high probability that they are in Lake Francis Case, necessitates the need to add both to the list of zebra mussel containment waters to work with the AIS regulation package.

APPROVE _____	MODIFY _____	REJECT _____	NO ACTION _____