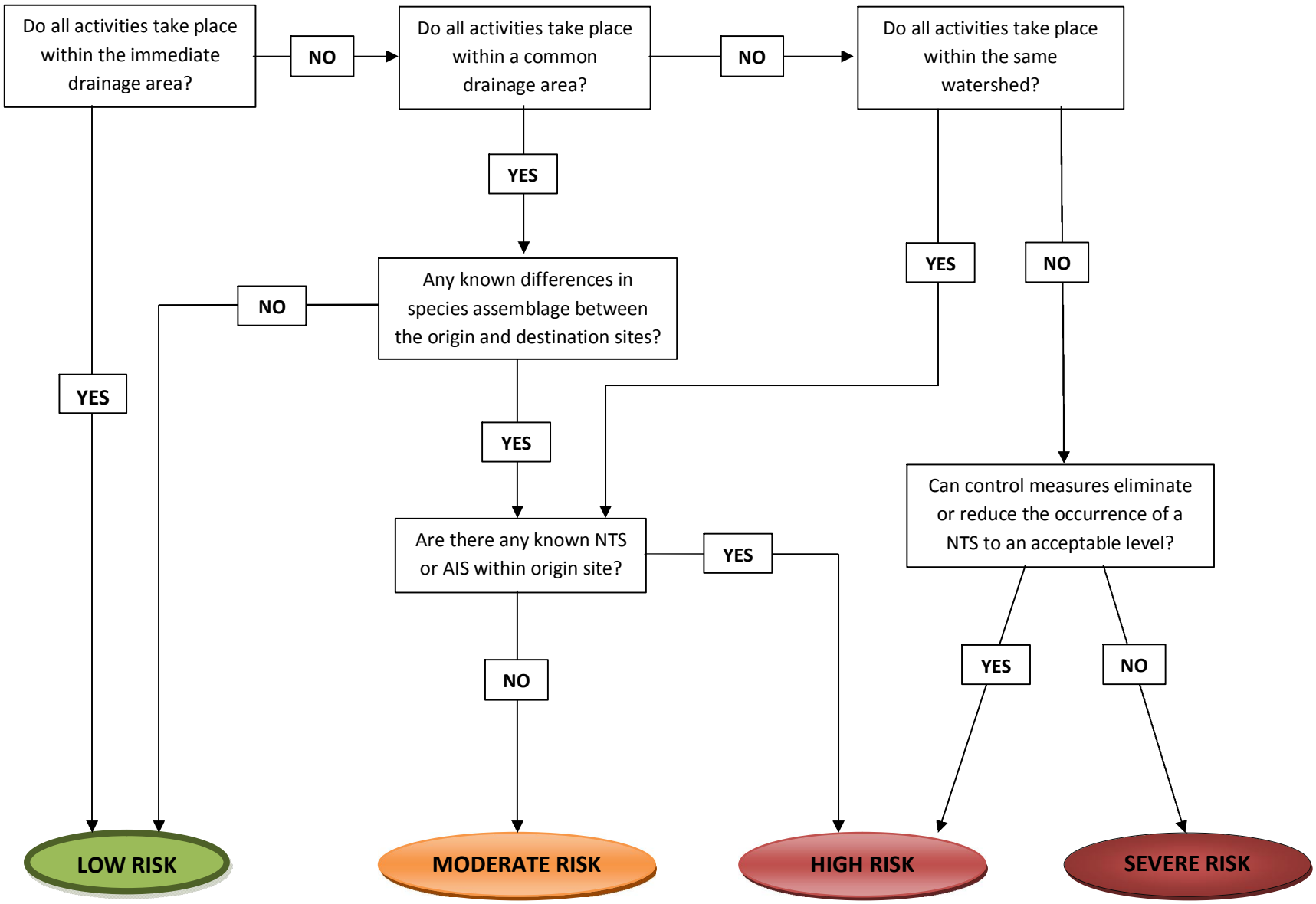RAM FOR AQUATIC MANAGEMENT ACTIVIES