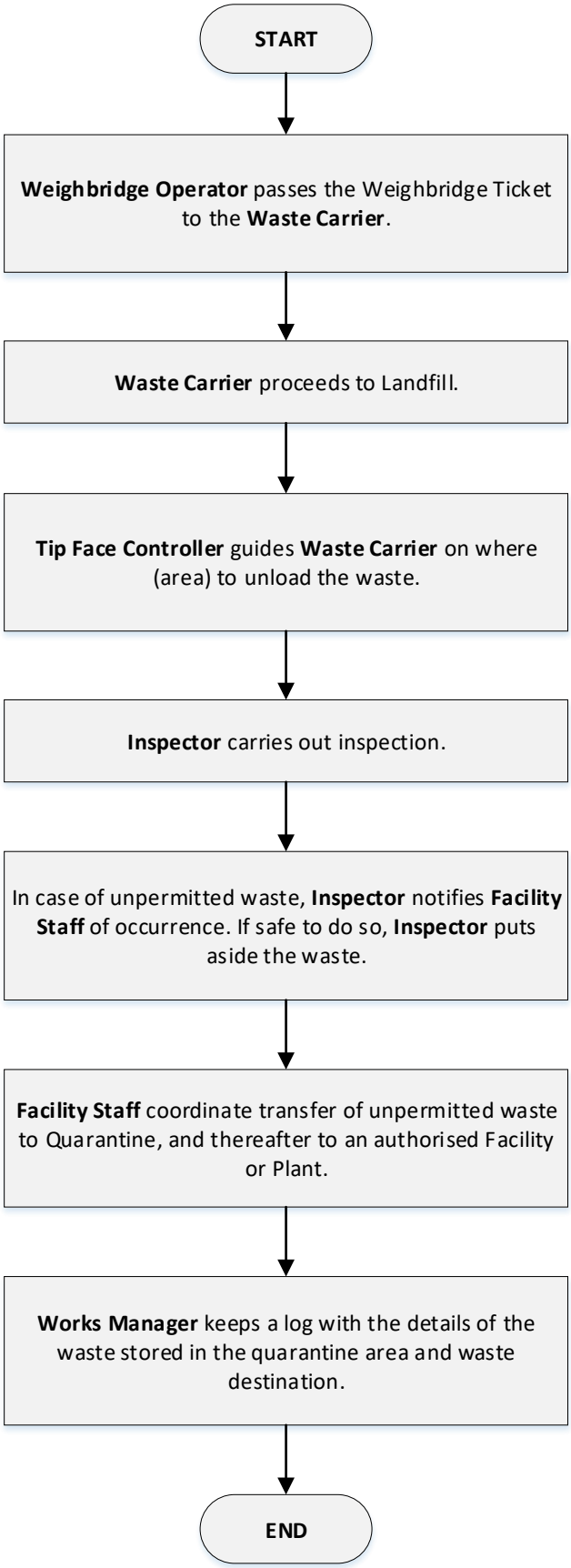Communication Flow