

**SOUTH DAKOTA STATEWIDE FISHERIES SURVEY**

**2102-F21-R-47**

**Name:** Box Elder City Pond

**County:** Pennington

**Legal description:** Sec 17, T 2N, R 9E

**Location from nearest town:** In the City of Box Elder

**Dates of present survey:** June 26, 2014

**Date last surveyed:** Has never been surveyed

**Management classification:** Warmwater semi-permanent

Primary Species: (game and forage)

Secondary and other species:

1. Largemouth bass

1. \_\_\_\_\_

2. \_\_\_\_\_

2. \_\_\_\_\_

**PHYSICAL CHARACTERISTICS**

**Surface Area:** 1 acre

**Watershed:** NA acres

**Maximum depth:** 10 feet

**Mean depth:** 5-7 feet

**Lake elevation at survey (from known benchmark):** full

**Ownership of lake and adjacent lakeshore property**

Box Elder City Pond is owned by the City of Box Elder. The building to the west of the pond is the Box Elder Police Department, and the city water tower is on the land to the east of the pond.

**Fishing Access**

The pond is almost entirely surrounded by emergent aquatic vegetation, and the best shoreline fishing access is off the dam.

**Observations of Water Quality and Aquatic Vegetation**

During the summer months the shallow water edges of the pond contain both emergent and submergent aquatic vegetation. No water quality problems were observed during the survey.

**Observations on conditions of structures (i.e. spillway, boat ramps and docks, roads, etc)**

There are no boat ramps, docks, or fishing piers in Box Elder City Pond. The dam was not inspected at the time of the survey. There are good paved roads leading to the pond.

**MANAGEMENT OBJECTIVES**

**Objective 1.** Maintain a largemouth bass fishery as water levels allow.

**Objective 2.** Keep the local Wildlife Conservation Officer and the public informed of fish management activities and solicit their input when planning future changes to the fishery.

## BIOLOGICAL DATA

### Sampling Effort and Catch

A fisheries survey was conducted on Boxelder City Pond on June 26, 2014. One short term (2 hours) experimental gill net set, and four angler hours were used to sample the fishery. Two spinning rods and a variety of lures were used to sample the fishery.

During the survey no fish were collected in either sampling gear types. This was expected as the pond had never been stocked by South Dakota Game and Fish, and no fish were seen surfacing or in the shallow water. Largemouth bass were stocked after the survey.

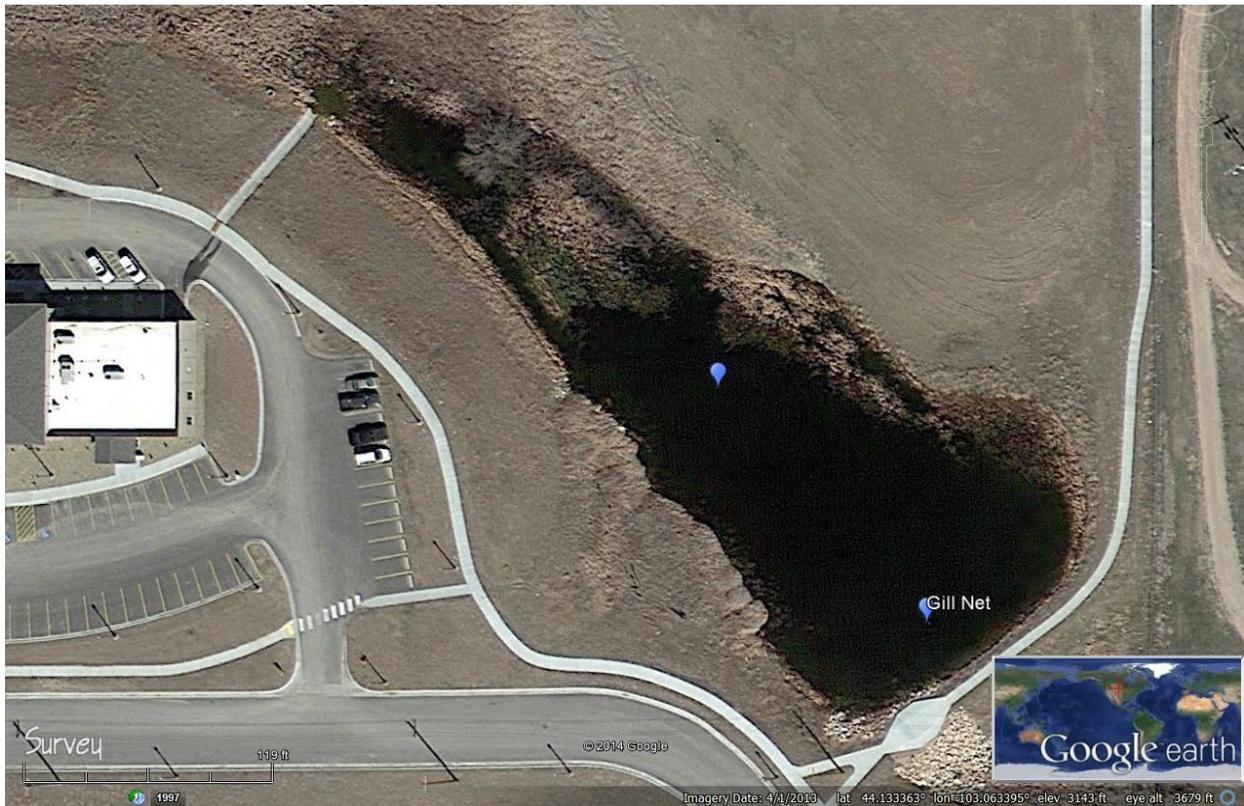


Figure 1. Map of Box Elder City Pond net location on June 26, 2014.

### MANAGEMENT RECOMMENDATIONS

1. Conduct another largemouth bass survey in 2015 to evaluate if the largemouth bass stocked in 2014 have survived.
2. Possibly stock bluegills once the largemouth bass population is established to create a forage base and add angling opportunity.
3. Stock channel catfish when available for additional angling opportunity.

## APPENDIX

Appendix A. Stocking record for Box Elder City Pond 2014.

<b>Year</b>	<b>Number</b>	<b>Species</b>	<b>Size</b>
2014	150	Largemouth bass	Fingerling
2014	25	Largemouth bass	Adult