

March 3, 1964

FISHERIES MANAGEMENT PROJECT SUMMARY

F-5-R-13 Central Montana Fisheries Study--Steve E. Swedberg

Job II. Evaluation of Fish Habitat Destruction in Prickly Pear Creek Due to Construction of Interstate Highway 15

The purpose of this investigation is to determine the extent of physical habitat destruction caused by construction of Interstate Highway 15 along Prickly Pear Creek and obtain information concerning its effect on the fish and aquatic insect populations.

The physical characteristics of the stream will be measured and listed according to the specifications described in Montana's stream survey instructions. The sedimentation samples will be collected during and after construction. Sediment samples are being collected and analyzed by the U. S. Geological Survey.

The fish population will be sampled at six stations which were established in 1949 and repeated in 1950, 1951, 1961, 1962 and 1963.

Bottom fauna samples taken in 1961, 1962 and 1963 will be continued.

This project will continue for approximately 2 years.