

February 5, 1948

ANNUAL REPORT OF ACTIVITIES
in
DES MOINES COUNTY DRAINAGE DISTRICT #7
as it relates to the
Preliminary Report of Feb. 11, 1947

At the request of the Des Moines County Soil Conservation District the supervisors of Des Moines County Drainage District Number Seven made the following report of their activities during 1947 in line with recommendations in the preliminary report dated February 11, 1947 as submitted by E. W. McGaan, Engineer Specialist, employed by the Soil Conservation Service.

Eight specific problems were listed:

1. Outlet of Yellow Spring Creek

The drainage supervisors have held conferences with U. S. Army Engineers relative to this and detailed surveys are in progress.

2. The Seepage Ditch

The effectiveness of work on the seepage ditch is dependent upon the results obtained under item 1, above. No action has been taken on this pending lowering of the level of the Keokuk Pool.

3. Hawkeye-Ray Lake Main Pump Ditch

Dredging operations were carried out for approximately $1\frac{1}{2}$ miles beginning above Morrow pocket. This has resulted in lowering the water level at the upper end about 10 inches. This has improved outlets of numerous tile lines and open ditches.

3a. Cottonwood-Dolbee Pump Ditch

No work has been done on this line as it had been cleaned out in 1946.

4. Construction and Maintenance of Proper Channel Cross-section

(The district has improved the general cross-section but continues to use back slopes too steep and spoil banks too close - F. S. Yetter)

5. Control of Trash

The existing trash racks have been repaired. As soon as material becomes more plentiful the supervisors hope to use the suggestions contained in the report.

6. Agricultural Pattern of District

No progress has been made in this.

7. Reduction of Runoff from Hill land

No progress has been made on this, however, at a recent meeting the supervisors of the drainage district indicated they would call together soon the owners and tenants and attempt to get something started.

8. Yarkanou Lake Storage

The supervisors found that the drainage benefits were sufficient to justify the construction and have made the necessary excavation as suggested by Mr. McGann.

All work on the above projects was done without reference to the Soil Conservation District. The drainage district provided its own engineering assistance.