

## SILVER LAKE-LOCUST ISLAND

### DRAINAGE AREA

5,590 acres or 8.7 square miles.

### LOCATION

Lower Alloways Creek Township, Salem County.  
Structures located near Hancocks Bridge.

### SPONSORS

Locust Island Meadow Company, Thorofare  
Meadow Company, Township of Lower Alloways  
Creek, Salem County Soil Conservation District.

### OBJECTIVES

To reduce flooding that occurs when the Silver  
Lake and Locust Islands are overtopped or  
breached; to reduce damages from flooding to the  
farmland and wildlife in valuable marsh areas and  
to reduce erosion and sediment damage.



*Water Control Structure at Silver Lake Dike*

### LAND TREATMENT

Measures include contour farming, cover crops,  
pasture planting, crop rotations, crop residue  
management and wildlife area improvement.  
Practices were valued at \$35,542.

### STRUCTURAL MEASURES

Dike, tidegates and water control structure at  
Locust Island. Dike, tidegates and water control  
structure at Silver Lake.



*Water Control Structure at Locust Island Dike*

### STATUS

Authorized for operation in 1957. The project was  
reported completed May 12, 1962 with all land  
treatment and structural measures completed.  
Some 7,300 feet of dike with a 12 foot top width  
constructed to elevation 10 feet with tidegates and  
a water control structure were built at the Locust  
Island site. A 5,100 foot dike of the same size with  
tidegates and water control structure was built at  
Silver Lake.

## OPERATION AND MAINTENANCE

Silver Lake Dike is operated and maintained by the Thorofare Meadow Company. Locust Island maintenance is the joint responsibility of the Locust Island Meadow Company and the Township. Weed control replacement of fill and gate repairs have been accomplished on the dikes and water control structures.

## BENEFITS

The project provides over \$75,000 in average annual benefits due to flood damage reduction and improved water management.