

file 2

GUIDE

FOR PREPARATION OF THE

FARM

CONSERVATION

PLAN

Parker River Wildlife Refuge

Cooperator

Essex

SOIL CONSERVATION DISTRICT

Assisted by

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

COOPERATIVE AGREEMENT
between the
FISH & WILDLIFE SERVICE, DEPARTMENT OF THE INTERIOR
PARKER RIVER NATIONAL WILDLIFE REFUGE and the
ESSEX SOIL CONSERVATION DISTRICT
of the
STATE OF MASSACHUSETTS

This Agreement, entered into between the Fish & Wildlife Service, Department of the Interior, known hereafter as the "Service," and the Essex Soil Conservation District, of the State of Massachusetts, known hereafter as the "District," relates to cooperative soil and moisture conservation operations on lands and for the benefit of lands administered by the Service. The authorities under which the two parties enter into this Agreement are, respectively, the Soil Conservation and Domestic Allotment Act of April 27, 1935 (Ch. 96, 49 Stat. 162, U. S. C. 890a), Reorganization Plan No. IV, and Chapter 531 Soil Conservation Districts Act of 1945, Massachusetts.

The Service is responsible for the conservation of soil and moisture resources on the Federal lands administered by it and funds for the conservation measures herein undertaken are available. Certain of these lands being located within the boundaries of the District and intermingled with private, State, and other lands, it is desirable that measures for their protection from soil and water losses, along with similar measures for the protection of other lands, be carried out by the District. It is therefore mutually agreed:

1. The District will carry out soil and moisture conservation measures on lands and for the benefit of lands administered by the Service, along with operations for the protection of other lands. Such measures shall be carried out within the boundaries of the general area indicated on the map attached hereto and made a part hereof and marked Exhibit "A" and in accordance with a district work plan previously determined by the Service to be adequate.

2. After due inspection and acceptance of the conservation measures carried out, the Service shall pay the District an amount administratively determined by the Service to be properly chargeable to it but not to exceed \$10,000.00. Partial payments will be made, upon written request of the District, on a sub-area basis in proportion to the benefits accruing to the lands of the Service when all operations on such partial area are completed and accepted.

3. The District shall keep and maintain adequate records and accounts of all costs connected with carrying out such operations, and the same shall be subject to audit by the Service. The Service shall also be given any available pertinent information it may require relative to the work of the District under this Agreement.

4. Either the Service or the District may cancel this Agreement at any time by giving 30 days' notice in writing to the other, but such cancellation will not relieve the Service from payment of the amount due the District for the completion of work up to the time of its cancellation.

5. No member of or delegate to Congress or resident commissioner after his election or appointment, either before or after he was qualified, or during his continuance in office, and no officer, agent, or employee of the Government shall be admitted to any share or part of this contract or agreement or to any benefit arising therefrom; and no convict labor shall be employed in carrying out the terms of this Agreement, in accordance with Executive Order signed May 18, 1906. The provisions herein with respect to the interest of members of or delegates to Congress and resident commissioners in this Agreement shall not be construed to extend to any incorporated company where such contract or agreement is made for the general benefit of such incorporation or company (Section 3741, Revised Statutes, and sections 114-116, act of March 4, 1909).

This Agreement shall take effect Feb. 1st, 1952, and remain in force until Jan. 31, 1962, unless sooner cancelled as above provided.

IN WITNESS whereof the parties herunto executed this Agreement in triplicate this 14th day of Jan 1952.

Service,
United States Department of the Interior

Witnesses:

By
Authorized Contracting Officer.

Essex Soil Conservation District.

By
Chairman, District Governing Body.

James West



REVISED LAND USE MAP

This map prepared by

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

H. H. Bennett
Chief

Austin L. Patrick
Regional Director

cooperating with

Essex
SOIL CONSERVATION DISTRICT

Northampton
Region 1 - Northeastern Region

Owner Parker River Wildlife Phone _____

Address Main Street Township Newburypt

Operator same Phone _____

Address _____ Township _____

Plan No. 255 -1 Acres 16 Scale, App. 1"=660'

Photo. No. GSF 1-42 Planner WMS

Location of farm on Plum Island in Newburyport

Parker River

63 - 2160 acres
36 - 2160 acres

63 - 2160 acres
36 - 2160 acres



LAND USE CAPABILITY MAP

This map prepared by

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
H. H. Bennett Chief
Austin L. Patrick Regional Conservator

cooperating with

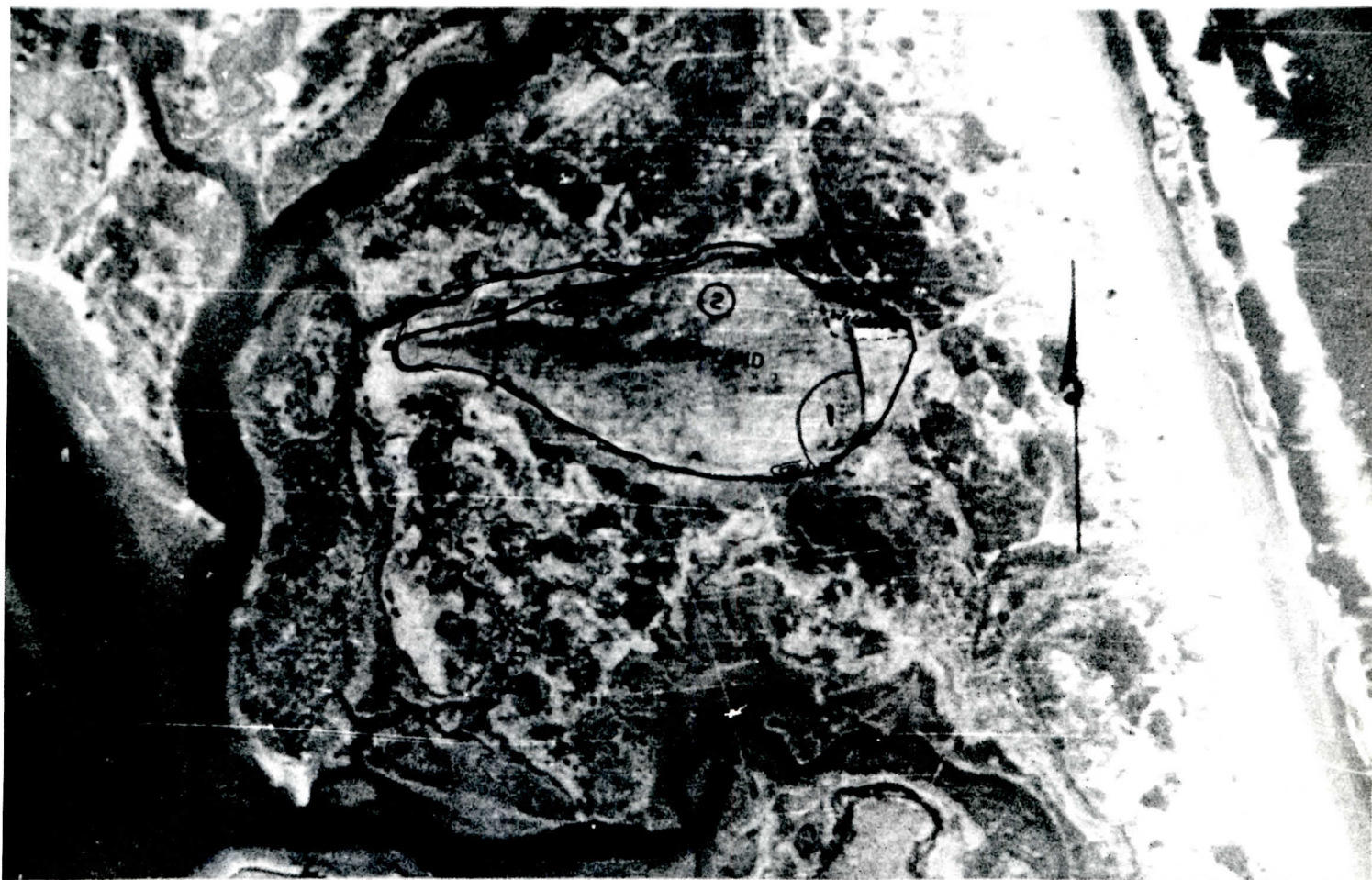
SOIL CONSERVATION DISTRICT

Region I - Northeastern Region

Owner _____ Phone _____
Address _____ Township _____
Operator _____ Phone _____
Address _____ Township _____
Plan No. _____ Acres _____ Scale, App. 1"=660'
Photo. No. _____ Surveyor _____
Location of farm _____

PLAN OF CONSERVATION OPERATIONS

<u>Field No.</u>	<u>By The Farmer</u>	<u>By The District</u>
#1 - 16 ac	<p><u>Cropland</u></p> <p>Use this field in short rotations of small grain or as grazing.</p> <p>It is suggested that the field be worked in 2 sections, one on the higher ground where the road enters the island, and one on the flat section to the other end.</p> <p>Lime should be applied to maintain soil PH of 6.5.</p> <p>All crop residue should be disked into the soil to maintain organic content.</p> <p>In areas where small grains are grown a rotation should be planned so that the soil is protected all the time, especially in winter.</p> <p>Apply 300-500 lbs of 10-10-10 with all grains.</p> <p>When grass is seeded for grazing apply 600-800 lbs of 5-10-10 at seeding and topdress annually with 600 lbs of 0-10-30.</p> <p>Seed 300 feet of grass waterway and leave in sod as shown on map. Seed to;</p> <p>Red top - 5 lbs Kentucky bluegrass - 5 lbs Creeping Red fescue - 5 lbs 15 lbs</p> <p>Apply 500 lbs of 10-10-10 at seeding and topdress annually.</p> <p><i>III e 33 Sandy Knoll II e 3 Flats II e 5 First rise</i></p>	



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SOIL CONSERVATION SERVICE

H. H. Bennett
Chief

Austin L. Patrick
Regional Director

cooperating with
Essex

SOIL CONSERVATION DISTRICT

Hathorne, Mass.

Region I - Northeastern Region

Owner Parker River Wildlife Phone _____
Address Main Street Township Newburyport
Operator _____ Nightingale _____ Phone _____
Address _____ Township _____
Plan No. 243 - 2 Acres 23 Scale, App. 1"=660'
Photo No. GSP 1-73 Planner Wms
Location of farm on Plum Island in
Newburyport

63 - Melrose fine Sandy loam
49 - Tidal marsh



LAND USE CAPABILITY MAP

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SOIL CONSERVATION SERVICE
H.H. Bennett Chief
Austin L. Patrick Regional Conservator

cooperating with

SOIL CONSERVATION DISTRICT

Region I - Northeastern Region

Owner	Phone
Address	Township
Operator	Phone
Address	Township
Plan No.	Acres
Photo. No.	Scale, App. 1"=660'
Location of farm	Surveyor

PLAN OF CONSERVATION OPERATIONS

<u>Field No.</u>	<u>By The Farmer</u>	<u>By The District</u>
#2 - 23 ac	<p><u>Cropland</u></p> <p>When used for small grains the following should be practiced;</p> <p>Apply 300-500 lbs of 10-10-10 when seeding.</p> <p>Disk in all crop residue to maintain organic content.</p> <p>Apply lime to maintain soil PH of 6.5.</p> <p>Reseed on the contour when seeded to grass for grazing practice the following;</p> <p>Apply 600-800 lbs of 5-10-10 at seeding and topdress annually with 600 lbs of 0-10-30.</p> <p>Apply lime to maintain soil PH of 6.5.</p> <p>Reseed on the contour.</p> <p>On the steep bank plant approximately 1 acre to a mixture of wildlife shrubs, such as tartarian honeysuckle, silky cornel, privet and bicolor lespedeza.</p>	



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SOIL CONSERVATION SERVICE**
H. H. Bennett Chief
Austin L. Patrick Regional Director

cooperating with
Essex

SOIL CONSERVATION DISTRICT
Hathorne, Mass.
Region I - Northeastern Region

Owner Parker River Wildlife Phone _____
Address Main Street Township Newburyport
Operator Nightingale Phone _____
Address _____ Township _____
Plan No. 243 - 3 Acres 21 Scale, App. 1"=660'
Photo No. GSF 1-73 Planner Wms
Location of farm on Plum Island in
Newburyport

Parker River



LAND USE CAPABILITY MAP

This map prepared by

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SOIL CONSERVATION SERVICE**

H. H. Bennett
Chief

Austin L. Patrick
Regional Conservator

cooperating with

SOIL CONSERVATION DISTRICT

Region I - Northeastern Region

Owner _____ Phone _____
Address _____ Township _____
Operator _____ Phone _____
Address _____ Township _____
Plan No. _____ Acres _____ Scale, App. 1"=660'
Photo. No. _____ Surveyor _____
Location of farm _____

PLAN OF CONSERVATION OPERATIONS

<u>Field No.</u>	<u>By The Farmer</u>	<u>By The District</u>
#3 18 ac	<p><u>Cropland</u></p> <p>Seed to small grain and Ladino clover for grazing.</p> <p>For small grains apply 300-500 lbs of 10-10-10 at reseeding.</p> <p>Disk in all crop residue.</p> <p>Apply lime to maintain soil PH of 6.5.</p> <p>For Ladino clover for grazing apply 600-800 lbs of 5-10-10 at seeding and top-dress annually with 600 lbs of 0-10-30.</p> <p>Apply lime as for grains.</p> <p>Keep soil in cover especially in the winter.</p> <p>Maintain steep banks in permanent cover.</p> <p>-----</p>	
3 ac	Misc. - cottages.	

YOUR SOIL CONSERVATION DISTRICT is run by local farmers. It was created to help local people with their soil and water conservation problems. You are now a cooperator with your district, and the district governing body will make its services available to you.

THE SOIL CONSERVATION SERVICE men assist the district in technical matters. They mapped your land to find out about its soil, slope, and how much erosion had taken place. They will help you to plan for the best use and treatment of your land. Where construction is needed they give engineering help. For maps and other special help they go to their regional and state men. Back of these men are the national staff of the Soil Conservation Service and the various federal and state research stations. Your Soil Conservation District with the assistance of the SCS and other agencies brings you the best help known in soil and water conservation.

YOUR CONSERVATION PLAN when completed is a result of teamwork. You and your neighbors, the members of the governing body of the Soil Conservation District and the members of the Soil Conservation Service worked together to make it.

THE CONSERVATION PLAN will bring results only after you have carried out the practices planned for each field. When this has been done you will find that conservation farming protects the land and makes it produce better crops. On most farms conservation farming also pays more. The sooner you can do the things your plan calls for the sooner you will be able to get the benefits of conservation farming. If help is needed to put the practices on your land you can get it through your district.

CONSERVATION PRACTICES will need attention from time to time to keep in working order. Conservation practices are designed so as to require as little upkeep work as possible; but this upkeep is important. It is like a stitch in time. A little work or upkeep when needed will avoid costly repairs.

YOUR CONSERVATION PLAN will probably need to be changed from time to time if markets, prices or other things make it wise to do so. The information in this folder will guide in making changes. However, if trained help is needed to make changes in your plan you can get it through your Soil Conservation District.

YOU AND YOUR NEIGHBORS can put conservation practices on the land faster and at lower cost by working together, sharing equipment, and exchanging ideas.

YOU, more than anyone else, hold the responsibility of making this plan a success. Its success, and its benefit to you, your community, and the Nation will depend largely on you.