U. S. DEPARTMENT OF THE INTERIOR

FISH AND WILDLIFE SERVICE

NECEDAH NATIONAL WILDLIFE REFUGE

QUARTERLY NARRATIVE REPORT

For the Months of

OCTOBER NOVEMBER DECEMBER 1942

PETENWELL CAMP FWS-5 (WIS.)

NECEDAH, WISCONSIN

CAMP PERSONNEL

MECEDAH NATIONAL WILDLIFE REFUGE, FWS-3, MECEDAH, WISCONSIN 4602ND CO. CCC

Raymond C. Mieding	- Camp Superintendent
Carl M. Peters	- Junior Foreman
Hanford E. Thorn	- Sub-Foreman
Maynard G. Berglund	- Under-Clerk
William Anderson	- Squad Foreman
Robert W. Arrowsmith	- Mechanic
Lowell E. Glete	- Jr. Dragline Operator

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Robley W. Hunt	- Refuge Manager
Burns T. Carter	- Labor - Patrolman
Bartlett W. Foster	- Clerk - Patrolman

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James M. Latshaw	- Company Commander
Irvin B. Potter	- Educational Adviser
Albert C. Krumtelbeck	- Camp Physician

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MONTHLY AVERAGE DISTRIBUTION OF ENROLLED PERSONNEL

Camp No. FWS-3 Company No. 4602 State Wisconsin Month January 1942

Date	1. AVE. DAILY TOTAL NUMBER OF ENROLLEES (Should equal sum of all other cols.)	2. AVE. DAILY NUMBER RELEASED TO PROJECT SUPERINTENDENT (a) Used on projects	(b) Not used due to bad weather	(c) Not used due to other causes (Explain below under Remarks)	3. AVERAGE DAILY NUMBER RETAINED BY CAMP COMMANDER (a) For regular company overhead	(b) For detached service & for spec. details other than wood detail	(c) For wood detail	(d) For conditioning	(e) Not released due to bad weather	4. AVERAGE DAILY NUMBER SICK, A.W.L. AND A.W.O.L. ETC.
2	98	35			21	3	4	4		31
5	97				21	3		4	58	11
6	97	58			21	3	2	4		9
7	93	16			21	3		4	42	7
8	92	35			21	3	1	4	19	9
9	92	50			21	3	4	4		10
12	94	48			21	5	5	4		11
13	94	48			21	5	2			#13
14	87	44			21	5	4			13
15	89	41			21	9	5			13
16	90	43			21	9	5			12
19	87	43			21	8	3			12
20	87	44			21	8	4			10
21	87	42			21	8	4			12
22	86	41			21	7	4			13
23	100	43			21	7	2	16		11
26	99	41			21	7	3	16		11
27	98	42			21	7	1	16		11
28	97	40			21	7	2	16		11
29	95	39			21	7	2	16		10
30	104	40			21	7	2	25		9
AVE.	94	40			21	6	3	6	6	12

REMARKS

Sheet 2

For Column 3b:

2 - 9	1 on detached service 2 on night guard
12 - 14	3 on detached service 2 on night guard
15 - 16	7 on detached service 2 on night guard
19 - 21	6 on detached service 2 on night guard
22 - 31	5 on detached service 2 on night guard

MONTHLY AVERAGE DISTRIBUTION OF ENROLLED PERSONNEL

Camp No. FWS-3 Company No. 4602 State Wisconsin Month February 1942

Date	1. AVE. DAILY TOTAL NUMBER OF ENROLLEES (Should equal sum of all other cols.)	2. AVE. DAILY NUMBER RELEASED TO PROJECT SUPERINTENDENT (a) Used on projects	(b) Not used due to bad weather	(c) Not used due to other causes (Explain below under Remarks)	3. AVERAGE DAILY NUMBER RETAINED BY CAMP COMMANDER (a) For regular company overhead	(b) For detached service & for spec. details other than wood detail	(c) For wood detail	(d) For conditioning	(e) Not released due to bad weather	4. AVERAGE DAILY NUMBER SICK, A.W.L. AND A.W.O.L. ETC.
2	101	47			22	7	2	7		16
3	99	45			22	7	2	9		14
4	99	47			21	7	2	9		13
5	97	40			21	7	6	7		16
6	97	50			21	7	3			16
9	97	50			20	7	3			17
10	97	51			20	7	3			16
11	95	54			19	5	3			14
12	94	48			21	5	6			14
13	100	43			21	5	10	7		14
16	100	37			21	7	10	7		18
17	96	37			21	10	10	7		11
18	96	33			21	14	10	6		12
19	96	30			21	17	10	6		12
20	94	31			21	16	10	6		10
23	95	45			21	7	10	1		10
24	95	45			21	7	10	1		12
25	95	44			21	8	10	1		11
26	95	44			21	8	10	1		11
27	95	44			21	8	10	1		11
AVE.	97	43			21	8	7	4		14

REMARKS

Sheet 8

For Column 5b:

2 - 16	2 on night guard each day, balance on ~~nightguard~~ detached service
17	2 on night guard, 5 dentist, 5 on detached service
18	2 on night guard, 7 dentist, 5 on detached service
19	2 on night guard, 10 dentist, 5 on detached service
20	2 on night guard, 9 dentist, 5 on detached service
23 - 27	2 on night guard each day, balance on detached service

MONTHLY AVERAGE DISTRIBUTION OF ENROLLED PERSONNEL

Camp No. FWS-3 Company No. 4602 State Wisconsin Month March 1942

Date	1. AVE. DAILY TOTAL NUMBER OF ENROLLEES (Should equal sum of all other cols.)	2. AVE. DAILY NUMBER RELEASED TO PROJECT SUPERINTENDENT (a) Used on projects	(b) Not used due to bad weather	(c) Not used due to other causes (Explain below under Remarks)	3. AVERAGE DAILY NUMBER RETAINED BY CAMP COMMANDER (a) For regular company overhead	(b) For detached service & for spec. details other than wood detail	(c) For wood detail	(d) For conditioning	(e) Not released due to bad weather	4. AVERAGE DAILY NUMBER SICK, A.W.L. AND A.W.O.L. ETC.
2	129	60			22	7	10	1		29
3	126	54			23	7	10			32
4	125	57			21	7	10			30
5	124	55			21	7	10			31
6	124	56			21	7	10			30
9	124	49			21	7	11			36
10	123	41			22	7	15			38
11	123	39			20	14	15			35
12	121	36			22	14	15			34
13	132	38			20	14	15	11		34
16	125	39			22	14	15	11		24
17	165	39			23	21	15	37		30
18	165	41			23	21	15	37		28
19	161	61			21	21	12	13		33
20	158	61			21	21	15	10		30
23	160	79			22	23		3		33
24	158	79			21	21	2	3		33
25	160	81			22	21		3		33
26	161	81			23	21		1		35
27	161	81			23	21		1		35
30	161	78			23	18	2	4		36
31	143	69			23	17		1		33
AVE.	142	58			22	15	9	6		32

REMARKS

MONTHLY AVERAGE DISTRIBUTION OF ENROLLED PERSONNEL

Camp No. FWS-3 Company No. 4002 State Wisconsin Month March 1942

Date	1. AVE. DAILY TOTAL NUMBER OF ENROLLEES (Should equal sum of all other cols.)	2. AVE. DAILY NUMBER RELEASED TO PROJECT SUPERINTENDENT: (a) Used on project as	(b) Not used due to bad weather	(c) Not used due to other causes (Explain below under Remarks)	3. AVERAGE DAILY NUMBER RETAINED BY CAMP COMMANDER: (a) For regular company overhead	(b) For detached service & for spec. details other than wood detail	(c) For wood details	(d) For conditioning	(e) Not released due to bad weather	4. AVERAGE DAILY NUMBER SICK, A.W.O.L. AND A.W.O.L. ETC.
2	129				22	7	10	1		29
3	126				23	7	10			32
4	125				21	7	10			30
5	124				21	7	10			31
6	124				21	7	10			30
9	124				21	7	11			32
10	123				22	7	13			33
11	123				20	14	13			33
12	121				22	14	16			34
13	122				20	14	16	11		34
16	126				22	14	15	11		34
17	125				23	21	15	37		30
18	125				23	21	15	37		28
19	121				21	21	16	13		33
20	123				21	21	15	10		30
23	120				22	23		3		33
24	128				21	21	2	3		33
25	120				22	21		3		33
26	121				22	21		1		33
27	121				23	21		1		33
30	121				23	19	2	4		33
31	143				23	17		1		33
AVE.	122	33			22	15	0	0		32

For Column 3G-
3 on night guard each day
Balance on detached Service

REMARKS

BUREAU OF BIOLOGICAL SURVEY
DIVISION OF CONSTRUCTION & CCC OPERATIONS

DISTRIBUTION OF ENROLLEES ON PROJECTS
MAN DAYS

Month of January 1942

Job No.	Class. No.	Description	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
112-2594	1026	Equip Repair		7				7	8		10			5	7	7	5	6			6	7	5	7	8			8	7	7	7	7		131
112-2709	606	Fire Preoccupression		1				1	1	1	1			1	1	1	1	1			1	1	1	1	1			1	1	1	1	1		20
132-2945	133	Raising Dipes Jitties		24				44		24	30			35	33	28	29	30			30	30	30	27	28			9	9	25	24	25		514
112-2951	110	Lacky Dwelling		3				6	7	10	9			7	7	8	6	6			6	6	6	6	6			7	7	7	7	7		134
132-3606	153	Signs & Markers																										16	18					34
TOTALS				35				58	16	35	50			48	48	44	41	43			43	44	42	41	43			41	42	40	39	40		833

BUREAU OF BIOLOGICAL SURVEY
DIVISION OF CONSTRUCTION & CCC OPERATIONS

DISTRIBUTION OF ENROLLEES ON PROJECTS
MAN DAYS

Month of February 1942

Job No.	Class. No.	Description	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
132-2587	402	Clean & Clear Pond Sites																	26	21	19					13	10	10	10					109
112-2594	1026	Equip Repair		6	6	6	6	7			10	9		9	6			7	6	7	7	6			4	5	5	5	5					122
112-2709	606	Fire Presuppression		1	1	1	1	1				1	1	1	1			1	1	1	1	1			1	1	1	1	1					19
112-2752B	1015	Game Cont.											53																					53
132-2948	133	Raising Levee Dikes Jitties		36	34	36	29	38			36	37		34	32			25				19			36	22	24	24	24					486
112-2951	110	Lasky Dwelling		4	4	4	4	4			4	4		4	4			4	4	4	3	5			4	4	4	4	4					76
TOTALS				47	45	47	40	50			50	51	54	48	43			37	37	33	30	31			45	45	44	44	44					865

BUREAU OF BIOLOGICAL SURVEY
DIVISION OF CONSTRUCTION & CCC OPERATIONS

DISTRIBUTION OF ENROLLEES ON PROJECTS
MAN DAYS

Month of ~~March 1942~~

Job No.	Class. No.	Description	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
32-2577	1023	Surveys																			3	3												6
12-2578	202	Highway #21 to Hunts:				21														17	20	16			13	13	24	27	31			56	45	283
32-2587	402	Cl. & Cl. Pond Sites		30	21	29	47	52			42	34	36	33	35			36	36	21	35	39			3	3	37	49	45			1	2	666
12-2594	1026	Equipment Repair		2	2	2	2	2			2	2	2	2	2			2	2	2	2	2			2	2	2	2	2			2	2	44
12-2709	606	Fire Presuppresion		1	1	1	1	1			1	1	1	1	1			1	1	1	1	1			1	1	1	1	1			1	1	22
32-2948	133	Raising Levees, Dykes & Jetties		23	26																													49
12-2951	110	Laskey Dwelling		4	4	4																						2	2					16
32-2957	105	Barn at Secondary					5	1			4	4																						14
12-2960	715	Seeding & Sodding																														18	19	37
32-3551	906	(Goose Pastures) other wildlife Act.																							60	60	17							
	TOTALS			60	54	57	55	56			49	41	39	36	38			39	39	41	61	61			79	79	81	81	81			78	69	1274

INTRODUCTION

During the months of January, February and March we lost 119 man-days due to inclement weather. All other lost time was made up on Saturdays.

Changes have again been made in the Army Camp Personnel, of this camp. Company Commander Werner R. Taves has reported for active duty with the Army, and he was replaced by Mr. J. M. Latshaw. No subaltern is on duty at the present time.

Due to the termination of several CCC camps in this vicinity, our company strength has more than doubled, due to transfers of enrollees to this camp. Of interest, in this regard, is the fact that the caliber of the men has increased over those received a year ago, in respect to quality of workmanship, interest and physical conditions.

Considerable work and time has been expended in our efforts to renovate our new camp to a point of meeting every standard. Our goal is to make this camp the top ranking camp of the district, and the indications are that this will be realized due to the interest shown by enrollees and personnel.

Of major importance, is the fact that this camp now plays an important roll in local forest fire protection work, which represents an integral part of National Defense in this locality. This is true due to our site being centrally located in vast timber stands, which represents the source of raw supply for local pulp mills engaged in making building material, paper pulp and cellulose, for use in explosives.

A fire truck, adequately equipped with fire fighting apparatus, is constantly ready to answer all calls. An agreement of understanding has been issued in this regard, between the U. S. Fish and Wildlife Service, and the Wisconsin Conservation Department, which states that if necessary our service can aid in fire protection throughout the entire state.

SUMMARY OF PROGRESS ON WORK PROJECTS

Job 32-2577 **SURVEYS** **Class. 1023**

Work on this project has been confined to assistance given the District Engineer's office in staking out grades and alignment for the contemplated road and stop-log bridge construction, centially located through the Rynearson Pool. This work was under the direction of Mr. F. V. Olsen and Mr. Wright of the District Engineer's office.

Job 32-2578 **TRUCK TRAILS (Hwy #21 to Hdqrs. Site)** **Class. 202**

Work on this project has been delayed due to the weather making unfavorable working conditions. Now that the frost has left the ground, it is our intentions of giving this project high priority with early completion utmost in mind. We have bladed and processed the roadway in preparation of placing the final course of fine stone. Work is proceeding with cleaning and dressing the slopes and back-slopes, and to date 50% of this has been completed. From highway #21 to the bridge location we have seeded the slope with spring rye, to check erosion. Considerable delay was encountered due to our inability to acquire parts for our crusher from the Central Repair Shop, but now that the crusher is in operation we are applying the final stone course at the rate of 250 feet per day. It is felt that completion of this project will be accomplished within the next 60 days.

Job 32-2567 **POND SITE CLEARING** **Class. 402**

Work has been confined on this project to the balance of clearing on the Rynearson Pond. Eighty acres of clearing was accomplished. There remains but 30 acres of clearing to be accomplished on this pool. Now that this camp is a wood burning camp, it became necessary to give this project rather high priority, due to the camp demands for wood. A stake truck was fitted to accomplish this wood hauling and it accomplished all the wood hauling necessary. All useable larger logs were sawed for future construction purposes. All brush and debris were piled and burned. All trees were cut at ground level to eliminate stumps.

Job 12-2594 EQUIPMENT REPAIR Class. 1026

A general statement regarding our equipment can best be given by saying that the last two inspections of it given by the CCC motor repair inspector was that no truck or heavy equipment was grounded due to mechanical deficiencies. Ours is the only camp in this district having had an inspection report of this quality. It is believed that this condition is due to the "equipment conscious" of all personnel and enrollees, coupled with Saturday morning inspection reports of all equipment by foremen. A compilation of these reports are given the mechanic for his action. Minor repairs are kept current as far as possible.

To facilitate working space in our shop, the post supports for the roof have been replaced with a truss.

A delay was encountered in acquiring necessary repair parts for our crusher, however those repairs have been made and it is now in full operation.

Our general dragline has been completely disassembled and the motor taken to the Central Repair Shop for a complete overhaul. It's return is expected shortly. The following work to our heavy equipment has been obligated, for which upon completion will place all of our equipment in first class condition.

Complete overhaul to motor and steering cluthes of RD-7 Caterpillar tractor
Complete overhaul of A.G.H. Cletrac tractor
Overhaul of Continental wheel scraper

We now maintain a crew of enrollee mechanics on a night shift, whose duties are to check minor truck repairs and to grease all used equipment daily.

A new parts room has been added to the shop under the direction of an enrollee clerk.

Brake overhauls have been accomplished on all trucks to meet standard safety requirements.

Job 12-2709 FIRE PRESUPPRESSION Class. 606

Work on this project has been confined to retaining a night guard for the technical service buildings, whose duties are to retain fires in all heating stoves when necessary, and to guard all our buildings and equipment against fire and theft.

Job 32-2948 RAISING LEVEES, DYKES AND JETTIES Class. 153

Work on this project has been given the highest priority during the past three months. The result has been that all dykes of the Rynearson Pool have been rip-rapped where necessary. In the majority of cases considerable sand filling was necessary before rip-rapping could be accomplished, due to erosion. Of greatest aid was the fact that we were able to truck and operate on the ice 3056 lineal feet were rip-rapped to dykes of the Rynearson Pool. We found it to our advantage to do this work in conjunction with our quarry operations for road material, as upon completion of drilling operations in the quarry, we blast and the larger stone, suitable for rip-rapping, are hauled to the dykes and placed by dumping. This facilitates the quarrying and permitted continuous work on the rip-rapping work.

Job 12-2951 LASKEY DWELLING Class. 110

Work on this project has been given a high priority as it was hoped to have this building ready for occupancy as soon as possible. Occupancy was started on March 4, 1942, by the clerk-patrolman. At present several miscellaneous items of construction remain to be accomplished. Area-ways, roof gutters and small sections of sidewalk remain to be completed. Some difficulty is being experienced in acquiring the linoleum for the kitchen and toilet rooms, but upon it's receipt and application, this project will be completed. The painting of interior plaster walls is not completed at present.

Job 32-2957 BARN AT SECONDARY SITE Class.105

In keeping with our directions to complete as far as possible, all small outstanding projects, we have proceeded with the work remaining on this project. This will consist of the laying of the concrete floor and the instllation of stalls and stantions and a partition in accordance with the approved plans. Due to the break-down of our crusher, we were unable to acquire aggregate for the concrete floor. This is now on hand and forms and screeds are in place to pour the floor and feed trough. As all materials are now on hand we anticipate completing this project very shortly.

Job 12-2360 SEEDING AND SODDING Class. 715

In accordance with instructions, we have seeded the banks and tops of all of the Rymearson Pool dykes. All surfaces were racked and seeded with spring rye acquired from the Refuge Manager. The slopes of the new road from highway #21 to the headquarters site were also raked and seeded to retard the rather severe eroding action experienced in the past.

Job 32-3551 OTHER WILDLIFE ACTIVITIES Class. 906

Work on this project was largely done under the direct supervision of the Refuge Manager. It consisted of controlled burning of migratory bird pastures at the north west portion of the Rymearson Pool. Controlled burning was also accomplished within the goose pen at the secondary site. A small granary was moved from the contact station to the goose pen to facilitate goose feeding. Ramps were built along the ditch banks to aid the geese in climbing the rather steep banks.

Job 12-2752B RECONNAISANCE AND INVESTIGATION (Game Count) Class. 1015

Work on this project was largely under the direct supervision of the Refuge Manager. On March 11, 1942 a deer drive was made at three different locations on the refuge. All enrollees and personnel of the camp and refuge participated. All pertinate information resulting from the drives was retained by the Refuge Manager.

Job 32-3606 SIGNS AND MARKERS Class. 155

Work on this project was confined to the making of three entrance signs, type #12, which were completed in camp during inclement weather. These signs were erected at the headquarters entrance, secondary entrance, and at the intersection of highway #21 and the new road to the headquarters site. Changes are to be made on this latter sign, which will be completed shortly.

THE SAFETY PROGRAM

Our safety program is carried on through the cooperation of all personnel by giving daily on-the-job safety talks, as well as holding two safety meetings monthly, which the entire company is in attendance. Demonstrations are given to show enrollees correct and incorrect uses of hand tools, and safe conduct on projects and entering and leaving trucks, etc. Speakers are alternated among members of the technical staff. Safety films are shown at these meetings, received from the Wisconsin State Motor Vehicle Department.

During safety meetings, open discussions are invited from enrollees on subjects pertinent to safety. All foremen are requested to make daily observations of safety violations, and these mentionings of definite incidents happening in the field brings a keener participation in open discussion and interest.

At the present time we have gone 410 days without a lost time accident and our presents is now on the Fish and Wildlife Honor Roll Bulletin.

EDUCATIONAL PROGRAM

A change has been made in our educational program, in that classes are now held on Wednesday evening from 6:00 PM to 8:00 PM. In the past these classes were held on Wednesday morning from 7:00 AM to 8:00 AM. We feel that more interest can be realized with this change. All members of the technical staff are engaged in teaching these classes and attendance is as near to one-hundred percent as possible.

As always, the most popular course of instructions is Motor Vehicle Driving, but good enrollments are enjoyed by all our other classes. At present our classes include - rug-weaving, surveying, heavy equipment operation, blacksmith work, auto repairs, typing, and wood-working.

All on-the-job training is done by members of the technical force, who give demonstrations and short lectures on the use of tools, blue-print reading, electric wiring, concrete form building and job objectives.

Enrollees are always reminded and encouraged to learn and ask questions about every phase of their daily work.

OUTLINE OF WORK PROGRAM FOR NEXT THREE MONTHS

		MAN-DAYS
Job No. 32-2578E Class. No. 202	Truck Trails (Road from Hwy. #21 to Hdqrs. Site)	200
Job No. 12-2951 Class. No. 110	Laskey Dwelling	50
Job No. 32-4144 Class. No. 202	Truck Trails (North & South Road through Rymearson Pool)	700
Job No. (Awaiting Approval)	Stop-Log Control Bridge	450
Job No. 32-2947A Class. No. 411	Water Control Structures (Spillways Rymearson Pool #1)	800
Job No. 2957 Class. No. 105	Barn at Secondary	100
Job No. 12-3715 Class. No. 601	Fighting Forest Fires	320
Job No. 12-2594 Class. No. 1026	Equipment Repair & Maintenance	300
Job No. 32-3606 Class. No. 153	Signs and Markers	100
Job No. 32-3551 Class. No. 906	Other Wildlife Activities	100

PERCENTAGE SUMMARY OF WORK PROGRAM AT CAMP PETENWELL FWS-3, WISCONSIN

Date Started	Job No.	Class. No.	Description	Percentage Completed
11/6/39	32-2577	1023	Surveys	18%
3/26/40	32-2578A	202	Road Maintenance	1%
11/4/40	32-2578B	202	Primary Roads	35%
11/5/40	32-2578E	202	Highway #21 to Headquarters	60%
1/3/41	12-2582	713	Razing Undesireable Structures	90%
12/26/40	12-2583	110	Building Dwelling, 2nd	95%
10/26/39	32-2584	131	Fences	70%
10/25/39	32-2587	402	Clearing Pond Sites	59%
4/2/40	12-2590	601	Fighting Forest Fires	2%
9/30/40	12-2591	714	Seed Collection	10%
1/8/40	12-2592	703	General Cleanup	5%
10/11/39	32-2593	1012	Prep. & Transportation of Mat.	10%
3/1/40	12-2594	1026	Equipment Repair	25%
1/26/40	12-2595	1028	Warehousing	2%
12/2/40	12-2692	157	Insulation of Hdqrs. Office	100%
1/3/40	12-2709	606	Fire Presuppression	15%
7/29/40	12-2752A	1015	Weir Dam Construction	95%
1/22/40	12-2752B	1015	Game Count	21%
12/11/39	32-2774A	134-140	Power and Telephone Lines	100%
9/23/40	32-2774B	140	Telephone Line to Secondary	99%
9/16/40	32-2868	705	Landscaping Secondary	100%
6/12/40	32-2890	404	Excavation of Channels	40%
7/30/40	32-2947A	411	Emergency Spillways	2%
10/8/40	32-2947B	411	Raising Control Structures	100%
9/6/40	32-2948	133	Raising dykes, levees, jetties	98%
7/15/40	32-2949	120	Equipment Shed	100%
11/18/40	12-2951	110	Laskey Dwelling Remodeling	96%
7/25/40	12-2946	414	Leveling Spoil Banks	2%
10/1/40	12-2956	105	Barn at Secondary	84%
7/17/40	32-2958	411	Plugs in Ditches	10%
11/15/40	12-2959	1017	Predatory Animal Control	5%
4/17/41	12-2960	715	Seeding & Sodding	40%
6/17/40	32-3327	1026	Erection of Rock Crusher	100%
2/6/41	32-3533	104	Bridge	99%
3/12/42	32-3551	906	Other Wildlife Activities	5%
3/14/41	32-3552	908	Wildlife Shelters	25%
3/6/41	32-3553	157	Observation Tower	100%
4/15/41	32-3606	153	Signs & Markers	35%
6/19/41	32-3664	133	Raising East Dyke Rymearson	98%

ESTIMATED SUMMARY, FOR APPROVED PROJECTS, OF MAN-MONTHS, MATERIAL COSTS, AND SKILLED LABOR NECESSARY TO COMPLETE DEVELOPMENT OF AREA - LISTED ACCORDING TO PRIORITY

Job No.	Class. No.	Description	Man Months	Material Costs	Skilled Labor
32-2578E	202	Truck Trails (Hwy. #21 to Hdqrs. Site)	10		
32-2578B	202	Primary Roads	450	91.79	
32-4144	202	Trk. Trls. (North & South Rd. Rynearson Pool)	150	164.00	360.00
32-2578A	202	Road Maintenance	10		
32-2947B	411	Raising Control Structures	10	1080.00	
32-2947A	411	Emergency Spillways	150		
12-2956	105	Barn at Secondary	5		
12-3715	601	Fighting Forest Fires	15		
12-2594	1026	Equipment Repair	150	100.00	
32-3606	153	Signs and Markers	25		
32-3561	906	Other Wildlife Activities	40		
32-2948	133	Raising Levees, dykes, jetties	5	33.66	
12-2951	110	Lashey Dwelling Renovating	2	74.93	75.00
32-2587	402	Clearing Pond Sites	500		
12-2583	110	Building Dwelling, 2nd	5		
32-2577	1023	Surveys	25		
12-2752B	1015	Game Count	20		
12-2959	1017	Predatory Animal Control	20		
32-3533	104	Bridge (on road from Hwy. #21 to Hdqrs.)	1		
12-2960	715	Seeding and Sodding	50		
32-3552	908	Wildlife Shelters	50		
32-2958	411	Plugs in Ditches	300		
12-2946	414	Leveling Spoil Banks	100		
32-2890	404	Excavation of Channels	150		
32-2774B	140	Telephone Line to Secondary	5		
12-2752A	1015	Weir Dam Construction	200		
12-2709	606	Fire Presuppression	25		
12-2595	1028	Warehousing	25		
32-2593	1012	Preparation and Transportation of Materials	25		
12-2592	703	General Cleanup	20		
12-2591	714	Seed Collection	25		
32-2584	131	Fences	195		
12-2582	713	Razing Undesireable Structures	5		
12-2692	157	Insulation of Headquarters Office	0		
32-3712	411	Water Control Structures (Rynearson)	170	75.76	
12-3716	602	Fire Hazard Reduction	50		
		TOTALS	2988	1620.14	435.00

PROPOSED WORK PROGRAM COVERING DEFELOPMENT OF
NECEDAH NATIONAL WILDLIFE REFUGE
JUNEAU COUNTY
WISCONSIN

104-Bridges, Vehicle:

This project is pending the outcome of the road closing program now under way. At least three new bridges, and the repair of six old ones can be contemplated, however. It is possible that additional repair work will be necessary on bridges heavily used. Repair work to be done on the six mentioned bridges is the replacement of new iron railings and plank floors. Piers and supports are in apparent good condition. Spans average from 15 to 25 feet. All new bridges are to be built according to plans to be submitted at a later date. Work has been under way on the bridge on the new road from Highway #21 to the Refuge Manager's site, and is about 99% completed.

105-120-Buildings:

The renovation of the Spea's home at the Secondary Headquarters is 99% complete. Renovation of the Laskey home is practically completed for the clerk-patrolman's residence. This renovation consisted largely of refinishing interior woodwork, floors, and a complete paint job on the exterior. This building is being completely renovated, as approved by the Washington office. About 98% of this work has been completed to date, and occupancy has been taken by the clerk patrolman.

An equipment shed at the Primary Headquarters similiar to the one at the Secondary Headquarters is 99% completed.

113-Latrines and Toilets:

Two Latrines are planned for development of the recreational area. It is felt that sufficient salvage material will be available for these buildings with the funds now authorized for their construction. Regular standards are to apply in their construction.

116-Lookout Towers:

One observation tower has been moved from the secondary site to the Rynearson Flowage Area, erected and strengthened as previously planned. Another possibility is the construction of a 35' wood tower at the recreational site in place of the remodeled windmill. This has received Mr. Sayler's approval. It is planned to utilize the other windmill structure now located at the contact station, for another observation tower on the Sprague-Mather Pool, when its completion is realized.

120-Other Buildings:

The present office building at the junction of the Buick Trail and County Road E is to be moved to the immediate vicinity of the secondary site, for use as an office. Minor repair work only is contemplated. A barn is proposed for construction at the clerk-patrolman's dwelling; construction of an oil shed is proposed at the Headquarter's site.

122-Diversion from Remington Ditch into Flowage #27:

Diversion is to be accomplished in accordance with Topographic Index Map M-Wisc. 10.17 recently received.

131-Fences:

Approximately 25 miles of 4 strand barbed wire and 25 miles of single strand wire will complete the refuge fence job. Approximately 10 miles of barbed wire fencing is to be done. Sufficient posts are on hand to complete this work. Over 20 gates will be constructed, final number to depend on road closing program.

Fencing material will be furnished by the State Highway Department for fencing refuge lands crossed by proposed Highway #80, which is now in course of construction. Post and wire have been received for this work.

133-Levees, dykes, jetties:

All work to be accomplished as per topographic Index Map M-Wisc. 10.17 recently received.

134-Power Lines:

There is a possibility of construction of a power line from Sprague to the Secondary Site, utilizing R.E.A. power. The R.E.A. will furnish part of the necessary materials.

139-Sewage Disposal:

A sewage disposal system has been completed in the rear of the Clerk-patrolman's dwelling.

147-Water Supply System:

A water supply system has been completed to the clerk's dwelling from the Primary Headquarters site and is to be fed from the Primary pump.

153-Signs, Markers, and Monuments:

Project estimates have been submitted for the construction of 20 signs of various types, and approval has been received. Three os the Type No. 12 Signs are 90% completed.

202-Truck Trails & Minor Roads:

Sixteen miles of truck trail, 28 miles of secondary roads, and 3.3 miles of primary roads are to be constructed according to standard plans and maps attached to approved project estimates. This job will necessitate the use of our elevating grader and rock crusher. Gravel is to be obtained from our pit under contract from a local citizen at the price of 4¢ per yard. A minimum of 20,000 yards of fill including 8,000 yards of gravel will be needed.

401-Channel Clearing:

This project is pending the outcome of the surveys, after completion of dyke raising and pool raising, to determine possible locations of boat travel from Rynearson #1 to Rynearson #2.

402-Clearing and Cleaning Pool Sites:

Approximately 2,000 acres of pool cleaning will be necessary to produce favorable waterfowl habitat in the Sprague-Mather Pool. About 60 acres remains to be cleaned from the Rynearson Flowage.

407-Riprapping:

Riprapping of all present control structures and dykes and proposed structures has been completed this winter.

411-Water Control Structures:

All control structures are to be constructed as outlined on the Index Topography Map Wisc. 10.17 recently received.

601-Fire Fighting:

The refuge and CCC personnel are 100% responsible for fire control in the refuge area. The state will cooperate as outlined in the fire fighting program as accepted by both parties.

603-605-Fire Hazard Reduction:

Removal of fire hazard materials and debris on a 1200 acre area within the refuge boundaries. Fire hazard reduction of a 200' strip along the west side of the proposed State Highway #80 will also be accomplished.

703-General Cleanup:

This profides for cleaning up areas immediately adjacent to abandoned farms including with this all minor cleanup work. Some debris remains from the razing of various buildings which will be disposed.

705-Landscaping:

Landscaping the primary and secondary sites has been accomplished. Plans for landscaping the additional labor-patrolman's dwelling site will be submitted in the near future.

710-Parking Areas:

A small parking area is planned for the recreational area.

711-Public Camp Development:

An area of 2 acres is to be developed at the south extremity of Rynearson Flowage #1. Development will consist of one shelter with tables and benches, three fireplaces, 6 additional tables and bench combinations, two latrines (already included under #113), and one boat dock (classification #162)

713-Razing Undesireable Structures, Etc.:

All buildings on the refuge area have been salvaged as previously planned.

714-Seed Collection:

Plans include the harvesting of aquatic seed, tubers, etc. This is to be a seasonal and an annual job.

715-Seeding and Sodding:

It is planned to establish vegetation by seeding or sodding all new dykes (Minimum of six miles) and additional seeding may be necessary on the present dyke system. The newly completed ease dyke of the Rynearson Flow age has been seeded with a fixative after it had been harrowed.

902-Food and Cover Plantings:

This includes annual planting of food patches of corn and buckwheat totaling about 120 acres, aquatic and marsh grains, spruce transplants, etc.

903-Lake and Pond Developments:

This will consist of graveling sand bars, installation of pits, shelters in water area open to public fishing, and development of beach at recreational site, and the removing of rough fish from the flowage.

904-Stocking Fish:

Pan-fish to be obtained from the State will be planted in Rynearson Flowage #1, pending Washington approval

906-Other Wildlife Activities:

Intended for the execution of wildlife work not sepratable under other designations such as construction of banding traps, goose pens, and hospitals.

907-Wildlife Feedings:

Feeding of wildlife during emergencies.

908-Wildlife Shelters:

Construction of various shelters for wildlife.

1004-Eradication of Obnoxious Plants:

Cattail control will become an important job as heavy growths in all pools are endangering growths and taking over sites of more favorable species. At least 200 acres of cattail growth is in need of control measures.

1005-Experimental Plots:

Experimental Plots will be established for determining proper management procedure.

1009-Maps and Models:

For purpose of gathering and recording data secured in the field and preparation of subsequent maps and models from same.

1010-Marking Boundaries:

It will be necessary to change all present boundary signs (Dept. of Agriculture) to Department of the Interior on 50 miles of boundary. This work is under the direct supervision of the Refuge Manager, and will be completed shortly. Brushing out of present boundary lines will be nece ssary on approximately 45 miles.

1012-Preparation & Transportation of Materials:

To provide for the gathering, transportation, and storing of materials which may be encountered during the work program for which no immediate use is known. These materials are to be saved for either future use on the area or to another camp.

1017-Rodent & Predatory Animal Control:

Control methods will be necessary with such species as snapping turtles, striped skunk, great horned owl, coopers hawk, etc.

1023-Surveys:

Topographic surveys are now contemplated for areas east of the Rynearson pool #1 and also for the area between the Rynearson pools and the proposed Sprague-Mather pool.

1026-Equipment Repair and Construction:

To provide for the construction of various items of equipment to provide for more efficient working conditions, i.e., drags, trailers, etc.

1028-Warehousing:

To provide for general storage work.

Completed Bridge on Road From Highway #21 to Headquarters Site.

Completed Bridge on Road From Highway #21 to Headquarters Site.

Looking North at Completed Road to Headquarters Site from Highway #21.

Technical Service Office and Quarters at

Camp Petenwell FWS-3

Clerk-Patrolman's Dwelling

95% Complete.

Rock Crusher Operations

at Quarry.

Quarrying Operations

Quarrying Operations.

East Dike Rynearson

Showing Erosion.

East Dike Rynearson

Showing Rip-Rapping

Completed