



WATER-RIGHT DOCKET

Shenandoah National Park

Docket No: 13

UNNAMED SPRING AT BYRD'S NEST NO. 3 WATER SYSTEM

Preliminary Docket Information

00-00-0000: docket #37: byrd's nest #3 water system index

SHENANDOAH NATIONAL PARK

Docket #37

Byrd's Nest #3 Water System

I N D E X

PART I - INVESTIGATION

1. Water Resources Study - Sketch by SNP, April 1963.
2. Construction of Byrd's Nest Shelters in SNP.
3. Face Sheet for Completion Report (June 1963).
4. Drawing NP-SHE 2787, "Layout of Water System," by SNP 1967.
5. Fixed Property Record.

PART II - WATER RIGHTS

Form 10-556
(Nov. 1956)

FIXED PROPERTY RECORD

DESCRIPTION OF PROPERTY (Include reference to the location within the Park, how the asset was acquired, name of contractor, et

Location: Bird's Nest Shelter #3

One spring and spring box
 Heavy duty ram
 1550 L.F. of 1" copper water line
 220 L.F. of 2" Galv. water line
 8 one masonry drinking fountain
 1000 Gallon steel tank reservoir

S	DATE	REFERENCE		QUANTITY			COST		
		Journal Vn.	Other	Unit	No. of Units	Accumulated Total	Direct Costs	Indirect Costs	Accumulated Costs
1	4/13/56	37-107		ea.	1	1	3,195.82	959.33	4,055.15
2									
3									
4									
5									
G.L. Acct. No. 100.8		General Classification Utility			Sub-Classification Water System		Region 1	State Va.	Park or Office SNP

Other Supporting Information

Construction of Byrd's Nest Shelters in Shenandoah National Park

In June 1960, Senator Harry F. Byrd donated funds to Shenandoah National Park for the construction of a stone shelter near the summit of Old Rag Mountain. The shelter was constructed by Park Forces and completed November 3, 1960, at a total cost of \$6,283.38.

Because of the isolated location of this shelter, its construction was one of the most difficult projects ever encountered by Park Forces.

At the official dedication of this shelter (Byrd's Nest No. 1) in June 1961, Senator Byrd indicated his desire to donate another shelter to the Park.

A site near the summit of Hawksbill Mountain was selected for Byrd's Nest No. 2 and construction was started August 18, 1961. The shelter was completed October 31, 1961, at a total building cost of \$7,131.63/

In the fall of 1961, Senator Byrd donated additional funds for the construction of a stone masonry observation point on the summit of Hawksbill Mountain (highest point in Shenandoah National Park, Elevation 4049 feet). The observation point was completed in April 1962 at a cost of \$2,994.35.

Byrd's Nest No. 2 and the nearby observation point were officially dedicated in June 1962 with Secretary Udall, Senator Byrd, Director Wirth and other officials present.

Early in September 1962, Senator Byrd donated funds for the construction of Byrd's Nest Shelter No. 3 near Marys Rock. Construction was started immediately and the shelter was finished December 19, 1962, at a cost of \$7,302.29.

In April 1963, National Park Service Construction Funds were made available to provide running water for the Byrd's Nest No. 3 Shelter Area. A unique water system was installed utilizing an old principal of pumping water without an external power source by use of a hydraulic ram.

This particular installation pump from a large spring near the Skyline Drive, a horizontal distance of 1,550 feet and a vertical lift of 300 feet. This is an inexpensive, trouble-free, long lasting system.

Byrd's Nest No. 3 was officially dedicated in June 1963.

These beautiful shelters and associated public facilities offer refuge for thousands of trail hikers from unexpected storms. They are also considered among the choice campsites in America. Many Park visitors have already enjoyed these facilities and highly praised the kind Senator and the National Park Service for this unusual accomplishment.

Form 10-174
June 1962UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

FACE SHEET FOR COMPLETION REPORT

Park Shenandoah National Park	Region Southeast
Location in Park Marys Rock Area, Central District	State(s) Virginia
	County or Counties Rappahannock
☐ Contract and/or ☒ Day Labor	Page
Work Order Title Water Supply System, Byrd's Nest No. 3 Shelter	

Work Order No.
3-40 (SNP)Fund Symbol
14X1035Year Programmed
1963PCP No.
NoneMaster Plan No.
NoneMaster Plan Corrected By
NoneAs Built Drawings By
NoneDate Started
May 1963Date Completed
June 1963DESCRIPTION OF FIXED ASSETS
(For completion by employee in charge of project)

1. Purchase and installation of one No. 15 Heavy Duty Fan provide a sheet metal housing unit, 4' x 4' x 4' with concrete floor.
 2. Spring development with concrete spring box.
 3. Installed 1,550 l.f. of 1" copper water line and valves. Average burial depth, one foot.
 4. Installed 220 l. f. of 2" G. S. water line, valves and vent pipe.
 5. Constructed one stone masonry drinking fountain
 6. Installed one 1,000-gallon steel tank as a subsurface reservoir.
- Total includes FS&S funding

916.34

495.40

1,257.13

486.63

388.60

511.05

TOTAL \$ **4,055.15**

DISTRIBUTION		THE FIXED ASSET DESCRIBED ABOVE HAS BEEN COMPLETED IN ACCORDANCE WITH APPROVED DRAWINGS, SPECIFICATIONS, AND AUTHORIZED CHANGES	
No.	To	Submitted	Title: Project Supervisor Date: 1/29/64
1	WASO	By: <i>James M. Stump</i>	Park Engineer
1	EODC	Approved	Title: Superintendent Date: 1-30-64
1	SERO	By: <i>R. Taylor Haskins</i>	
1	SPU (SNP)	By: <i>K. Taylor Haskins</i>	
1	Files SNP	COSTS VERIFIED	Title: Accounting Officer
1	Engineers	By: <i>Barley W. Perkins</i>	

NARRATIVE REPORT**B-40 (SNP) Water Supply System, Byrd's Nest No. 3 Shelter**

During construction of Byrd's Nest No. 3 Shelter, a reliable mountain spring with a minimum flow of approximately twenty gallons per minute was discovered about 1500 feet northeast of the shelter. With this ample water supply in the vicinity, a decision was made to provide running water at the shelter. Since the spring is 300 feet below the shelter and electric power is not available to operate automatic pumping equipment, a hydraulic ram was selected as a logical and economical means of lifting the water.

Having arrived at these conclusions, a Work Order was submitted on May 17, 1963, for \$2,600. Funds were provided by Allotment Advice No. 3-250, dated May 27, 1963, in the amount of \$2,600 as requested.

Work was immediately started on spring development, acquisition of supplies and materials, the construction of the fountain and excavating for lines.

Additional funds were requested by first revision of the Work Order on June 19, 1963, in the amount of \$686.94 to provide funds for unforeseen rock excavation, additional cost of the fountain and water line installation. These funds were received by Allotment Advice No. 3-254, dated June 24, 1963.

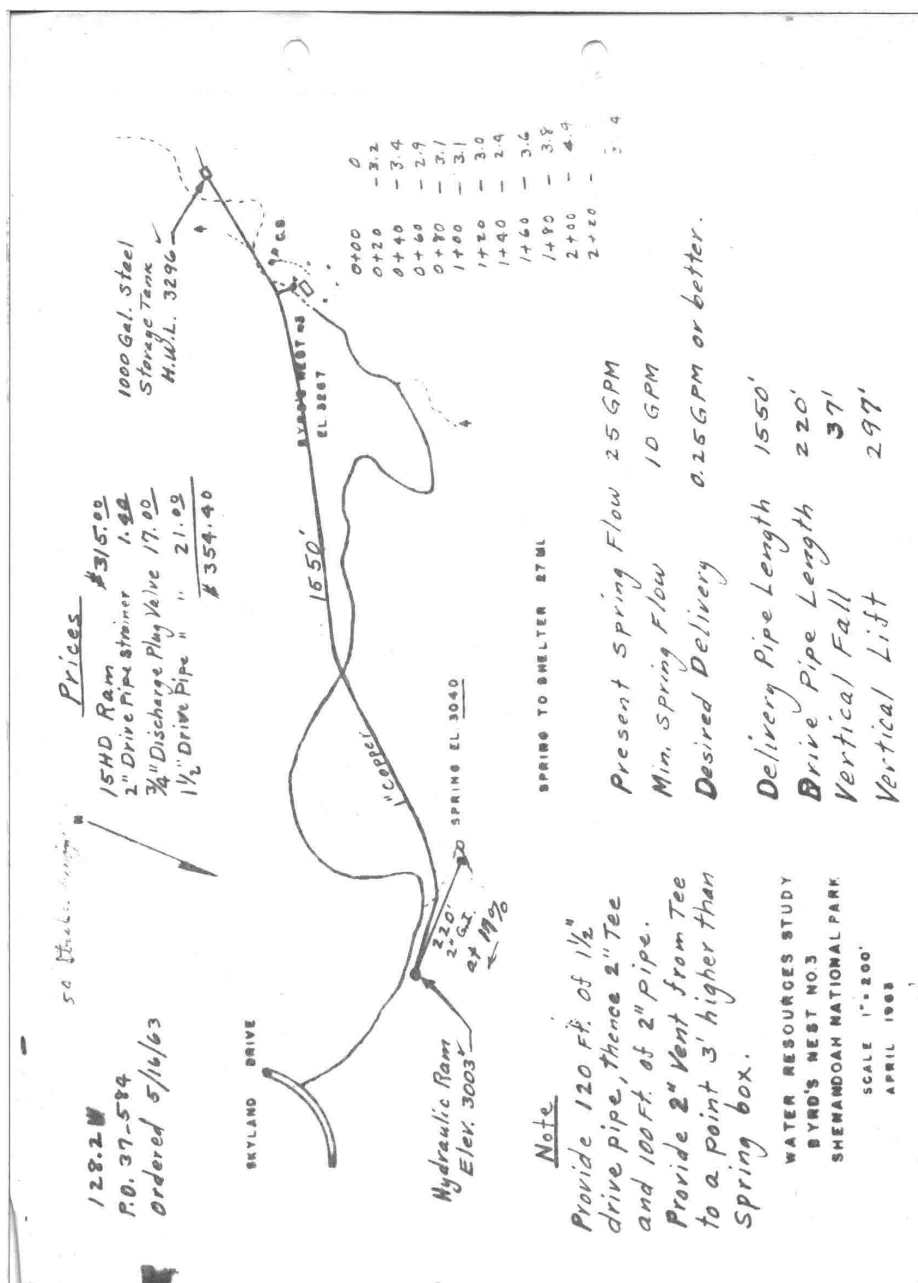
The project was completed in June 1963, and the availability of fresh, cold spring water was gratefully accepted by all in attendance at the dedication of the shelter by U. S. Senator M. F. Byrd and other high officials and dignitaries.

General Ledger Data

~~100.8~~
100.8

1 complete water system.

James M. Stump
James M. Stump
Project Supervisor



Number of Documents in Docket	8		
Documents Dated from	11/15/1956	to	1/15/1967
Docket Compiled:	6/17/2011		