



WATER-RIGHT DOCKET

Shenandoah National Park

Docket No: 24

UNNAMED SPRING AT SWIFT RUN GAP AREA

Land History

00-00-0000: fixed property report

Form 10-550 (Nov. 1958)		U. S. DEPARTMENT OF THE INTERIOR - NATIONAL PARK SERVICE																																																																				
FIXED PROPERTY RECORD																																																																						
DESCRIPTION OF PROPERTY (Include reference to the location within the Park, how the asset was acquired, name of contractor, etc.)																																																																						
Location: Swift Run Gap Area - South District																																																																						
One Spring																																																																						
Two 6,000 Gallon Steel Tanks, Surface Installed																																																																						
2300 Linear Feet of Pipe																																																																						
Gravity System (Chlorinated)																																																																						
Constructed by CCC, Force Acct. 1938																																																																						
<table border="1"><thead><tr><th rowspan="2">DATE</th><th colspan="2">REFERENCE</th><th colspan="3">QUANTITY</th><th colspan="3">COST</th></tr><tr><th>Journal Voucher</th><th>Other</th><th>Unit</th><th>No. of Units</th><th>Accumulated Total</th><th>Direct Costs</th><th>Indirect Costs</th><th>Accumulated Costs</th></tr></thead><tbody><tr><td>8/27/59</td><td>37-10</td><td></td><td>System</td><td>1</td><td></td><td></td><td></td><td>2,400.00</td></tr><tr><td>9/15/64</td><td>57-18</td><td></td><td></td><td></td><td>1</td><td>250.00</td><td></td><td>2,650.00</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>									DATE	REFERENCE		QUANTITY			COST			Journal Voucher	Other	Unit	No. of Units	Accumulated Total	Direct Costs	Indirect Costs	Accumulated Costs	8/27/59	37-10		System	1				2,400.00	9/15/64	57-18				1	250.00		2,650.00																											
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G.L. Acct. No. 100.8		General Classification Utility		Sub-Classification Water system		Region One	State Va.	Park or Office SNP																																																														

Other Supporting Information

May 1938

Big Meadows - 1936-37 WPA Job 7
1937 CCC Job 164

50,000 gal. concrete tank (35'dia.x 8' deep)	\$2,500.00	} 2 1/10
Spring development	530.00	
Pump house, 14' x 16' - 2 story	1,285.00	
Pump equipment - 425 ft. head -		

45 GMP - 2 cyl.reciprocating pump (F-M)	
7 1/2 HP motor, 2 phase, 220 volt	
Automatic control, 3000 ft. #10/2	
parkway control cable	1,510.00 - 10 4/10

6900 ft.- 6" C.I. pipe @ \$1.26	\$8,700.00	} 5 1/10
1300 ft. - 4" " @ .95	1,235.00	
2000 ft. 2" galv. W.I. pipe .60	1,200.00	
100 ft. 1 1/2" " " .50	50.00	
		11,785.00

Water meters 1-2"	\$ 82.00	
4-5/4"	88.00	
		170.00
		\$17,550.00

Swift Run Gap - 1937.

650 gal. concrete tank 10 cu.yrds.	\$165.00
Spring development	530.00
200 ft. - 4" terra cotta pipe @ 35¢- \$70.00	
1400 ft.-2" used galv. W.I. pipe @ 45¢ \$630.00	700.00

Water meters 1 - 1 1/2"	52.00	\$1,445.00
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WATER SYSTEMS - SHENANDOAH NATIONAL PARK

Dec. 1939

General

Water supply systems have been developed in fifteen separate areas in Shenandoah National Park. Additional systems will be required as new areas are opened and the Skyline Drive is extended. Some of these are little more than a developed spring, a drinking fountain and connection pipe line.

Where practical, gravity supply systems are developed and at other points pumping plants are installed. The present system may be classified as follows:

<u>Group</u>	<u>Gravity Supply</u>	<u>Pumped Supply</u>
1	Serving Park Operator, Public and Government.	
	Panorama Swift Run Gap Elk Wallow Dickey Ridge	Skyland Big Meadows
2	Serving Public & Govern- ment only.	
	Sexton Knoll Hazed Mountain Hughes River Gap Naked Creek Parking Area Bald Face Mountain South River Picnic Grounds Pass Mountain Clear Spring	Lewis Mountain

Charge for Water Service

This report deals with the water systems which jointly serve the National Park Service and the park operators (Group 1) where the cost of water service furnished is prorated on the basis of use.

Cost and utilization information has been estimated based upon limited data accumulated over the period November 1, 1938 — November 30, 1939. As more complete data is obtained any necessary change in the rates can be made. Most of these installations have been equipped with water meters for measuring the output of the system and the individual consumption.

At certain developed areas where the park operator conducts operations and where park visitors, other than patrons of the park operator, assemble, the

Water System - Operating Costs - Shagmooch National Park.

December 1989.

Reference No. Location of System:	Pump		Skyland		Big Meadows		Sally Run Camp		Elk Hollow		Dixie Ridge		Total		Unit Charge Per M. Gal.
	INT.	DEBT.	INT.	DEBT.	INT.	DEBT.	INT.	DEBT.	INT.	DEBT.	INT.	DEBT.	INT.	DEBT.	
Investment (Dec-3-2)	\$4,000		\$15,950		\$17,550		\$1,445		\$5,100		\$19,187		\$61,547		
Depreciation Rate															
54	596	50	615	162	1,510	151	680	54	5,430	171	232	12	1,886	44 1/2	104
24	1,200	25	1,440	72	1,420	71	70	2	1,740	15	17,405	455			
24	2,380	45	6,780	170	10,505	282	695	14		206	1,550	31			
		100	4,115	82	4,115	82	50	50			478				
Annual Operating Costs															
Electric Energy			\$24		\$80										54
Repairs		25	100		100			20		50		75			24
Labor		25	500		500			20		50		75			64
Total Annual Costs		150	1,410		1,756		90		506		628		4,540	1100 1/2	254
Annual Water Output M. Gal.	2,500		4,500		8,000		1,500		1,000		1,500		18,800		

Average Unit Cost - \$4.540 - \$0.25 per M. Gal.
18,800

SHENANDOAH NATIONAL PARK
Report of Bacterial Examination of Sample of Water

Date	0.1 cc	0.1 cc	10 cc	10 cc	10 cc	10 cc	10 cc	Taken By	Remarks
7/15/36	0	+	+	+	+	+	+	Detz	
8/7/36	+	0	+	0	+	+	+	Detz	Gravity Supply.
8/17/36	0	0	0	0	0	0	0	Detz	
9/18/36	0	+	0	+	0	+	+	Detz	
10/1/36	0	+	+	+	+	+	+	Detz	
10/29/36	0	0	0	0	0	0	0	HARVEY	
12/7/36	0	0	+	+	+	+	+	HARVEY	
1/11/37	0	0	0	0	0	0	0	Harvey	
2/6/37	0	+	0	0	0	0	0	Harvey	
3/4/37	0	0	0	0	0	0	+	Harvey	
4/1/37	0	0	0	0	0	0	0	Harvey	
4/29/37	0	0	0	0	0	0	0	F + H	
5/15/37	0	0	0	0	0	0	0	F + H	
6-8-37	0	0	0	0	0	0	0	R + H	Swift Run Gap Tea Room
6-21-37	0	0	0	0	0	0	0	R + H	" " " " "
7-12-37	0	0	0	0	0	0	0	HARVEY	" " " " "
7-29-37	0	+	0	0	0	0	0	G + H	Drinking Cooler
7-29-37	0	0	0	0	0	0	0	G + H	Spigot in Sandwich Shop
9-30-37	0	0	0	0	0	0	0	G + H	(cooler)
9-30-37	0	0	0	0	0	0	0	G + H	(cooler)
3-1-38	0	0	0	0	0	0	0		Swift Run Tavern
4-18-38	0	0	0	0	0	0	0	G + H	" " "
4-4-38	0	0	0	0	0	0	0	G + H	Swift Run Tavern - Lunch Counter
5-16-38	0	0	0	0	0	0	0	Gregory	" " " Cooler
5-16-38	0	0	0	0	0	0	0	"	" " " Lunch Counter
5-3-38	0	0	0	0	0	0	0	"	" " " Cooler
5-1-38	0	0	0	0	0	0	0	"	" " " Lunch Counter
7-31-38	0	0	0	0	0	0	0	"	" " " " "
8-18-38	0	0	0	0	0	0	0	"	Swift Run Tavern, Lunch Counter
9-7-38	0	0	0	0	0	0	0	"	" " " " "
9-14-38	0	0	0	0	0	0	0	"	" " " " "
10-6-38	0	0	0	0	0	0	0	Kinzer	" " " " "
10-7-38	0	0	0	0	0	0	0	Shormaker	" " " " "
2/26/39	0	0	0	0	0	0	0	Gregory	" " " " "
3-20/39	0	0	0	0	0	0	0	"	" " " " "
4-8/39	0	0	0	0	0	0	0	"	" " " " "
5-10/39	0	0	0	0	0	0	0	"	" " " " "
6-10/39	0	0	0	0	0	0	0	"	" " " " "
6-24/39	0	0	0	0	0	0	0	"	" " " " "
7-29/39	0	0	0	0	0	0	0	Harvey	" " " " "
8/1/39	0	0	0	0	0	0	0	"	" " " " "
8/29/39	0	0	0	0	0	0	0	"	" " " " "
9/18/39	0	0	0	0	0	0	0	"	" " " " "
10/2/39	0	0	0	0	0	0	0	"	" " " " "

+ Indicates Presence of Bacterial Organisms of Coli-Aerogenes Group.

0 Indicates None Found in Portion Tested.

Sample From Spotswood Spring

SHENANDOAH NATIONAL PARK
Report of Bacterial Examination of Sample of Water

Date	.01 cc.	.1 cc.	1. cc.	10 cc.	10 cc.	10 cc.	10 cc.	Taken By	Remarks
10/18/39	0	0	0	0	0	0	0	Talcott	At Service Station
11/2/39	0	0	0	0	0	0	0	"	" " "
1/11/40	0	0	0	0	0	0	0	Hawley	" " "
2/16/40	0	0	0	0	0	0	0	"	" " "
3/7/40	0	0	0	0	0	0	0	"	" " "
3/11/40	0	0	0	0	0	0	0	"	" " "
5/7/40	0	0	0	0	0	0	0	"	" " "
7/2/40	0	0	+	0	0	0	0	"	" " "
8/23/40	0	0	0	0	0	0	0	"	" " "
9/4/40	0	0	0	0	0	0	0	"	" " "
10/1/40	0	0	0	0	0	0	0	"	" " "
11/1/40	0	0	0	0	0	0	0	"	" " "
8/23/40	0	0	0	0	0	0	0	"	" " "
9/28/40	0	0	0	0	0	0	0	"	" " "
10/10/40	0	0	0	0	0	0	0	"	" " "
11/17/40	0	0	0	0	0	0	0	"	" " "
11/13/40	0	0	0	0	0	0	0	"	" " "
12/9/40	0	0	0	0	0	0	0	"	" " "
1/11/41	0	0	0	0	0	0	0	"	" " "
3/6/41	0	0	0	0	0	0	0	"	" Tavern
4/5/41	0	0	0	0	0	0	0	"	" " "
2/14/41	0	0	0	0	0	0	0	"	" " "
5/10/41	0	0	0	0	0	0	0	"	" " "
6/18/41	0	0	0	0	0	0	0	Foley	" " "
6/14/41	0	0	0	0	0	0	0	Hawley	" " "
6/20/41	0	0	0	0	0	0	0	"	" " "
7/3/41	0	0	0	0	0	0	0	Foley	" " "
7/1/41	+	+	+	+	+	+	+	"	" " "
9/23/41	0	0	0	0	0	0	0	"	" " "
10/16/41	0	0	0	0	0	0	0	"	" " "
12/3/41	0	0	0	0	0	0	0	"	" " "
2/23/42	0	0	0	0	0	0	0	"	" " "
5/21/42	0	0	+	+	+	+	+	"	" " "
5/30/42	0	0	0	0	0	0	0	Betz	" " "
7/23/42	0	0	0	0	0	0	0	Foley	" " "
8/28/42	0	0	0	0	0	0	0	"	" " "
9/29/42	0	0	+	0	+	0	0	"	" " "
10/28/42	0	0	0	0	+	0	0	"	Swift Run
11/2/42	0	0	0	0	0	0	0	Mollman	" " "
11/25/42	0	0	0	0	0	0	0	"	Swift Run Tavern
4/1/43	0	0	0	0	0	0	0	"	Swift Run

+ Indicates Presence of Bacterial Organisms of Coli-Aerogenes Group.

0 Indicates None Found in Portion Tested.

Sample From Swift Run Tavern.

Number of Documents in Docket	7		
Documents Dated from	5/15/1938	to	5/15/1938
Docket Compiled:	6/17/2011		