



WATER-RIGHT DOCKET

Chesapeake & Ohio Canal National Historical Park

Docket No: 5

MCCOYS FERRY.

State Water Rights Documentation

00-00-0000: application for permit to appropriate and take ground water; 1963

APPLICATION FOR PERMIT TO APPROPRIATE AND TAKE GROUND WATER

Hagerstown Md.

August 26 1963

To the Department of Geology, Mines and Water Resources of Maryland:

IN COMPLIANCE WITH THE PROVISIONS OF CHAPTER 526, ACTS OF 1933,

United States of America, Chesapeake and Ohio Canal National Monument
(Here give name of applicant)

479 North Potomac Street, Hagerstown, Maryland
(Here give address of applicant)

HEREBY MAKE APPLICATION FOR THE PERMISSION OF THE DEPARTMENT OF GEOLOGY, MINES AND WATER RESOURCES (Address: The Johns Hopkins University, Baltimore 18, Md.) TO USE THE FOLLOWING AMOUNTS OF WATER FROM

four wells, 6" in diameter, 122, 247, 105 and 105 feet deep
(Here state number of wells and proposed depths and diameters)

May thru October - maximum 4000, minimum 400, average 800; November
(Here give the estimated maximum, minimum,

thru April - maximum 800, minimum 40, average 80
and average daily water consumption

for each month of the year)

THE WATER WILL BE TAKEN FROM WELLS LOCATED AT

Taylor's Landing, McCoys Ferry, Little Pool and Lock 54 along the
(Here describe the locations of the wells)

C & O Canal

THE WATER WILL BE USED FOR THE FOLLOWING PURPOSES:

Recreation and fire control

(Here give a general description of the uses

to which the water is to be put)

Signature of Applicant

Edwin M. Dale, Superintendent

479 N. Potomac St., Hagerstown, Md.

Address of Applicant

Form 4

5-2153

STATE OF MARYLAND
DEPARTMENT OF GEOLOGY, MINES AND WATER RESOURCES
The Johns Hopkins University
BALTIMORE 18, MARYLAND

APPLICATION FOR PERMIT TO DRILL WELL

An application must be submitted and permit received before drilling a well

Owner Calo Canal State Monument Driller Edgeman Drilling Inc
Street or R. F. D. 479 S. Patuxent St. Street or R. F. D.
Post Office Hagerstown, Md. Post Office Box 325, Williamsport, Md.
Date June 5, 1963

Quantity of Water Needed (G. P. M.) 10
Use for Water test well
Approximate Depth of Well (feet) 150'
Method of Drilling to be used rotary

Location of Well
County Washington
Nearest Town Charl Spring
Distance from Town seven miles
Direction from Town S.W.

PERMIT TO DRILL WELL

(Permit to be returned to Driller)

NOT TO BE FILLED IN BY DRILLER

Permit No. 5-2153

Samples of Cuttings Yes
Required by Department No

Owner Requires Permit Yes
to Appropriate Water No

Owner Has Permit Yes
to Appropriate Water No

The applicant is herewith granted a permit to drill this well subject to the conditions stipulated.

Date June 10, 1963

Special conditions that may apply:

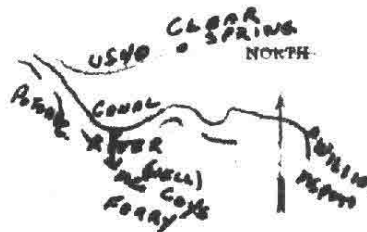
Test Well Only

Description of Location of Well

(This information should be definite enough to permit locating well on a county map)

Near what road Big Pool Rd.On which side of road (North, East, South, West)Distance from road 3 miles

Draw a sketch below showing location of well in relation to nearby towns, roads and streams with north in the direction of the arrow, and give distance from well to nearest road junction or stream crossing shown on the sketch.



(DUPLICATE)

STATE OF MARYLAND
BOARD OF NATURAL RESOURCES



TELEPHONE: BELMONT 8-6771

DEPARTMENT OF GEOLOGY, MINES AND WATER RESOURCES
102 LATROBE HALL, THE JOHNS HOPKINS UNIVERSITY
BALTIMORE 18, MARYLAND

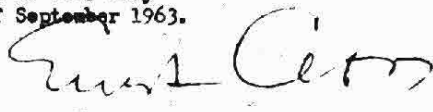
PERMIT TO APPROPRIATE AND TAKE GROUND WATER

AND NOW, to wit September 20, 1963 the application of United States of America, Chesapeake and Ohio Canal National Monument, 479 North Potomac Street, Hagerstown, Maryland, hereinafter referred to as "Applicant", having come on for public hearing before the Department of Geology, Mines and Water Resources of the State of Maryland, hereinafter referred to as "Department", after due notice in compliance with Chapter 526, Acts of 1933, permission is hereby granted the Applicant to take and use an average of 800 gallons of water a day and not to exceed 4,000 gallons in any one day during the 12 months of the year from 4 wells having a diameter of 6 inches and depths of 122 feet at Taylors Landing, 247 feet at McCoys Ferry, 105 feet at Little Pool, and 105 feet at Lock 54, located on the premises of the Applicant in Washington County, Maryland for recreation and fire protection purposes.

The Permit is limited to the taking and use of the quantities of water herein specified from the 4 wells herein described on the described premises and to the purposes herein described. This Permit is further subject to all rules and regulations now in effect or that may be subsequently adopted by the Department and may be revoked at any time that it may be at variance with the policy and the laws of the State, or that the Applicant may fail to comply with the provisions of the Permit.

This Permit is valid only for use by the Applicant and may be transferred to another only upon written permission obtained beforehand from the Department.

In Witness Whereof, the Department has hereunto caused to be attached the signature of this duly authorized officer, the 20th day of September 1963.


Ernst Cloos
Acting Director

Supporting Hydro Data

USGS-492 Form 10		ANALYTICAL STATEMENT		COUNTY																																																						
FW: Wa-Bf 24 Md. GW - C and O Canal				Washington																																																						
				LAB NO. DC-1847																																																						
Location McCoy's Ferry, Md.		Date of collection July 26, 1963																																																								
		Induction time 5	<table border="1"> <thead> <tr> <th></th> <th>ppm</th> <th>ppm</th> </tr> </thead> <tbody> <tr> <td>SiO₂</td> <td></td> <td>11</td> </tr> <tr> <td>Fe</td> <td></td> <td>.04</td> </tr> <tr> <td>Mn</td> <td></td> <td>.00</td> </tr> <tr> <td>Co</td> <td>3.69</td> <td>74</td> </tr> <tr> <td>Mg</td> <td>2.62</td> <td>32</td> </tr> <tr> <td>Na</td> <td>.04</td> <td>1.0</td> </tr> <tr> <td>K</td> <td>.04</td> <td>1.7</td> </tr> <tr> <td></td> <td>6.39</td> <td></td> </tr> <tr> <td>Na + K</td> <td></td> <td></td> </tr> <tr> <td>HCO₃</td> <td>5.34</td> <td>326</td> </tr> <tr> <td>CO₃</td> <td>.00</td> <td>0</td> </tr> <tr> <td>SO₄</td> <td>.90</td> <td>43</td> </tr> <tr> <td>Cl</td> <td>.04</td> <td>1.3</td> </tr> <tr> <td>F</td> <td>.05</td> <td>.9</td> </tr> <tr> <td>NO₃</td> <td>.06</td> <td>3.5</td> </tr> <tr> <td></td> <td>6.39</td> <td></td> </tr> <tr> <td>P as PO₄</td> <td></td> <td>.05</td> </tr> </tbody> </table>			ppm	ppm	SiO₂		11	Fe		.04	Mn		.00	Co	3.69	74	Mg	2.62	32	Na	.04	1.0	K	.04	1.7		6.39		Na + K			HCO₃	5.34	326	CO₃	.00	0	SO₄	.90	43	Cl	.04	1.3	F	.05	.9	NO₃	.06	3.5		6.39		P as PO₄		.05
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Source (type of well) Drilled Well		Residue at 100°C 343																																																								
Owner National Park Service		Calculated (Sum) 330																																																								
		Total per Acre Foot																																																								
Date used 7/5/63 Card to 38		Hardness as CaCO₃ 316																																																								
Depth 247 Diam 6"		Non-carbonate Hardness 49																																																								
WSP Conococheague ls		T Na SAR pH 7.5																																																								
Water level 23.86 ft		Specific Conductance 562																																																								
Sampled after pumping 13 hrs		(intermediate at 25°C)																																																								
Yield 4-1/2 GPM (max or est)		Al .1																																																								
Pt of coll discharge line		Cu .03																																																								
Appearance Clear		Zn 1.1																																																								
Temp (°F) 56.5 Ps		Alk as CaCO₃ 267																																																								
Collector C. Laughlin		CO₂ Calc. 16																																																								
Chemist S. Battig																																																										
Date completed Sept. 20, 1963																																																										
Checked by Felts																																																										
Date transmitted																																																										

WRD#15

Well #WA-WF24 McCoys Ferry
July 3, 1963

0-5 Fill dirt and gravel
5-10 " " "
10-15 Fill dirt, gravel with some shale
15-20 " " "
20-25 Fill dirt and gravel
25-30 " " "
30-35 Blue grey limestone
35-40 " " "
40-45 Blue limestone
45-50 " " "
50-55 Blue Gray limestone
55-60 " " "
60-65 " " "
65-70 " " "
70-75 Limestone
75-80 " " "
80-85 " " "
85-90 " " "
90-95 " " "
95-100 " " "
100-110 " " "
110-115 " " "
115-120 " " "
120-125 " " "
125-130 " " "
130-135 Light Blue Limestone
135-140 " " "
140-145 " " "
145-150 " " "
150-155 " " "
155-160 " " "
160-165 White and light blue limestone
165-170 " " "
170-175 Light blue limestone 1 Gal per min. at 175'
175-180 " " "
180-185 Light blue and brown limestone
185-190 " " "
190-195 Light blue limestone
195-200 " " "
200-205 Blue limestone
205-210 " " 4 Gal per min. at 207'
210-215 " " "
215-220 " " "
220-225 " " " with some tan rock
225-230 " " "
230-235 Blue Limestone
235-240 " " "
240-245 Limestone and tan rock 1 1/2 Gal per min. at 244'
~~245-250~~

30' casing
246.7' Depth
9-10 Gal per min.
23.86 Static Head

Other Supporting Information

38 -- THE MORNING HERALD, Hagerstown, Md.
Thursday, September 5, 1963

NOTICE
APPLICATION FOR PERMIT TO
APPROPRIATE AND TAKE
GROUND WATER

In compliance with the provisions of Chapter 526, Acts of 1933 the United States of America has made application for a permit to use a minimum of 400 gallons, a maximum of 4,000 gallons, and an average of 8,000 gallons of water daily during 12 months of the year from 4 wells having a diameter of 6 inches and depth of about 200 feet, located on the premises of the applicant at Tawlers Landing, McCoy's Ferry, Little Pool and Lock 54 along the C & O Canal.

The water will be used for the following purposes: Recreation and fire protection.

A public hearing on this application will be held at the Department of Geology, Mines and Water Resources, Room 102 Latrobe Hall, The Johns Hopkins University, Baltimore 18, Md., at 11:00 a.m. on Friday, September 20, 1963.

Objections to the granting of this permit may be presented orally or in writing at this hearing.

DEPARTMENT OF GEOLOGY, MINES
AND WATER RESOURCES

Docket Information

Number of Documents in Docket 6

Documents Dated from to

Docket Compiled: 2/3/2011