KENTUCKY SPRING INVENTORY FORM

Kentucky Spring Tag
9000-2649

(1) SPRING IDENTIFICATION
NUMBER:
4000-2649

(2) GENERAL INFORMATION
Spring owner's name: City of Owensboro (Miller Family)
Mailing Address: (unknown)
City: (unknown)
County: Daviess
Quadrangle: Owensboro - East
Latitude: 37° 45' 41.4"
Longitude: 87° 05' 02.1"
Elevation: 450 ft

(3) SPRING LOCATION

(4) NAME OF SPRING
unnamed

(5) PHYSIOGRAPHIC OR HYDROLOGIC REGION
( ) Bluegrass ( ) Ohio River Alluvium ( ) E. Coal Field
( ) Miss. Plateau ( ) Jackson Purchase ( ) W. Coal Field

(6) SPRING DISCHARGE
periennial ( ) seasonal ( ) intermittent
15 ( ) cfs ( ) gpm ( ) L/s
( ) measured ( ) estimated ( ) reported ( ) not determined
Please see worksheet and instructions on reverse of form for assistance in calculation of spring discharge.

(7) PHYSICAL SETTING
Primary Spring Type:
( ) gravity (falling) ( ) trickle
( ) bluehole (rising) ( ) seep
Secondary Characteristics:
( ) karst window ( ) perched
( ) sinking spring ( ) gravel
( ) epikarst ( ) mineral
( ) estavelle ( ) fracture
( ) other:
Aquifer Media:
( ) limestone ( ) sandstone ( ) dolostone
( ) shale/siltstone ( ) alluvium ( ) unknown
( ) other:

(8) ATTACHMENTS
( ) Topographic map

(9) SURFACE FLOW CONDITIONS
Season:
( ) winter (November - April) ( ) summer (May - October)
Flow condition:
( ) low ( ) moderate ( ) high

(10) MODIFICATIONS (mark all that apply)
( ) spring house ( ) gravity pipe
( ) spring box ( ) pump
( ) walled pond ( ) dam
( ) storage trough or tank ( ) none
( ) other (describe in Comments)

(11) DYE TRACE INFORMATION
Has a trace been made to/from this site?
( ) Yes ( ) No ( ) Unknown
Investigator:

(12) SPRING USE
( ) domestic ( ) irrigation ( ) public supply
( ) industrial ( ) livestock ( ) monitoring
( ) unregulated public access ( ) unused
( ) other:

(13) SPRING SERVICE
Number of people served:
Number of service connections:
Quantity problems ( ) yes ( ) no ( ) unknown
Quality problems ( ) yes ( ) no ( ) unknown
Use Comments Section to describe any problems

(14) TREATMENT SYSTEMS
( ) none ( ) water softener ( ) ultraviolet ( ) chlorination
( ) aeration ( ) charcoal filter ( ) sand filter
( ) iron inhibitor ( ) settling tank ( ) other
Treatment Bypass Available?
( ) yes ( ) no

(15) INSPECTION INFORMATION
Date of Inspection:
Water Sample Taken? ( ) yes ( ) no
Reason for Inspection:
( ) general survey ( ) specific complaint investigation
( ) spill or incident response ( ) contamination site investigation
( ) enforcement ( ) general water quality analysis
( ) ambient groundwater monitoring ( ) other (describe in Comments)

(16) OPTIONAL USE
Will Owner Allow State Access?
( ) yes ( ) no ( ) unknown
Extent of Monitoring Allowed:
( ) complete access ( ) collect samples
( ) access to spring/springhouse ( ) modify spring
( ) notification required ( ) other (describe in Comments)
Monitoring Feasibility:

(17) Sketch Map (show spring and associated features)

(18) COMMENTS
Possible that flow originates from mined out area (old conduit)...

(19) INVESTIGATOR IDENTIFICATION
Name: Larry Andy C
Last First MT Inspector ID#:
Agency: ( ) CHR ( ) DOW ( ) DWM ( ) KGS ( ) Other:
Signature of inspector:

Distribution: White Copy to DOW, Pink Copy to Inspecting Agency, Yellow Copy to Owner
Printed With State Funds
DEP-4921 Revised 4/10/99

5/29/93