

**State Revolving Fund Verification Form
Asset Management Plan and Service Line Inventory Development**

Project Number: WX21165033
Project Title: CRWC Water Allocation Study
Utility Name: Cave Run Water Commission
Applicant Name: Edward Bryant
Applicant Title: Mayor of Frenchburg
Applicant Email: mayor@mrtc.com
Applicant Phone Number: 606-768-3457

I, Mayor, Edward Bryant *Utility Representative* hereby verify that Cave Run Water Commission *Utility Name* implements an asset management plan and/or service line inventory plan containing the following elements (check each that apply):

- Asset Inventory:** a list of above and belowground assets, which, includes as available the date constructed/installed, identifying information, location, remaining useful life, condition, estimated cost to replace, and priority rating, based on criticality.
- Strategic Plan:** at a minimum, must include a mission statement, level of service goals for the system that are SMART (Specific, Measurable, Attainable, Realistic, and Time-bound), and preventive maintenance program.
- Capital Improvement Plan:** a list of capital projects for the next five (5) or more years which includes project title, anticipated year of construction, cost estimate, and sources of potential funding).

For service line inventory development:

- Data management system:** includes all fields required for the LCRR (location information, material, verification method)
- Description of standard procedures for recording and updating service line data:** at a minimum, must document the types of records reviewed (previous materials evaluation, construction records and plumbing codes, water system records, distribution system inspections and records, etc.). In addition:
 - procedures to collect data during routine maintenance and operations,
 - describe customer engagement efforts,
 - procedure for identifying customer-owned service line material
 - procedure for digitizing records or organizing record information in an electronic format
 - when relevant: alternative procedure developed in consultation with DOW

Provide documentation that above procedures are in effect: Use Methodology, Summary, and Public Accessibility pages of the DOW Service Line Inventory template, as well as any additional documentation needed (e.g., examples of work orders, customer flyers, etc.)

By signing this form, I am verifying that this information is true and accurate. I understand that no priority points will be allotted for asset management and/or service line inventory development unless this document is signed by a utility representative. Furthermore, I understand that the falsification of this form could result in the above referenced project receiving no priority points towards asset management planning and/or service line inventory project readiness, which may impact the overall prioritization of the proposed project. This information must be made available for inspection upon request by Division of Water personnel.


Utility Representative

2-16-24
Date

WRIS Asset Inventory Report

KY0831010 - Cave Run Water Commission

| Rating Code | Condition Rating | Performance Rating | Priority Rating |
|-------------|--|--|--|
| 0 | | | Not a priority |
| 1 | New or Excellent - None or minor defects. | Exceeds/Meets all performance targets. | It would be nice to have. |
| 2 | Good - Defects that have not begun to deteriorate. | Minor performance deficiencies. | Improved system operations & maintenance (O&M) efficiency. |
| 3 | Fair - Moderate defects that will continue to deteriorate. | Considerable performance deficiencies. | Internal safety concern or public nuisance. |
| 4 | Poor - Severe defects that will collapse/break in near future. | Major performance deficiencies. | Potential public health, safety, or environmental concern. |
| 5 | Inoperable - Defects need immediate attention. | Fails to meet performance targets. | Existing threat to public health, safety, or environment. |

Water Line Assets

| Size (inches) | Material | Decade Constructed | Length (feet) | Condition ID | Performance ID | Priority ID | WRIS PNum |
|---------------------------------------|--------------|--------------------|---------------|--------------|----------------|-------------|-----------|
| Assessment Area: CAVE RUN | | | | | | | |
| 6 | DUCTILE IRON | 2010 | 3 | 1 | 1 | 0 | |
| 6 | PVC | 2000 | 46 | 1 | 1 | 0 | |
| 12 | PVC | 2000 | 1,429 | 1 | 1 | 0 | |
| 14 | DUCTILE IRON | 2010 | 1,527 | 1 | 1 | 0 | |
| 14 | PVC | 2000 | 44,709 | 1 | 1 | 0 | |
| Assessment Area: DAN RIDGE | | | | | | | |
| 6 | PVC | 2000 | 17 | 1 | 1 | 0 | |
| 12 | DUCTILE IRON | 2000 | 11 | | | | |
| 12 | PVC | 2000 | 12 | | | | |
| 14 | PVC | 2000 | 39,899 | 4 | 3 | 3 | |
| Assessment Area: MORGAN COUNTY | | | | | | | |
| 6 | PVC | 2000 | 12 | | | | |
| 8 | PVC | 2000 | 9,149 | | | | |
| Assessment Area: RAW WATER | | | | | | | |
| 6 | PVC | 2000 | 12 | | | | |
| 12 | DUCTILE IRON | 2000 | 22,220 | 1 | 1 | 0 | |
| 12 | PVC | 2000 | 362 | 1 | 1 | 0 | |
| Assessment Area: ROTHWELL | | | | | | | |
| Up to 2 | PVC | 2000 | 16 | 1 | 1 | 0 | |
| 6 | PVC | 2000 | 66 | | | | |
| 8 | PVC | 2000 | 1,219 | | | | |
| 12 | PVC | 2000 | 49,340 | 1 | 1 | 0 | |

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Water Tank Assets

| Asset Name | Capacity (gallons) | Date Constructed | Date Inspected | Condition ID | Performance ID | Priority ID | WRIS PNum |
|----------------------------------|--------------------|------------------|----------------|--------------|----------------|-------------|-----------|
| Assessment Area: CAVE RUN | | | | | | | |
| CAVE RUN TANK | 300,000 | 06/01/2004 | 11/11/2019 | 2 | 2 | 0 | |
| Assessment Area: ROTHWELL | | | | | | | |
| ROTHWELL HILL TANK | 500,000 | 11/02/2009 | 11/11/2019 | 1 | 1 | 0 | |

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Pump Station Assets

| Asset Name | Pump Count | Condition ID | Performance ID | Priority ID | WRIS PNum |
|-----------------------------------|------------|--------------|----------------|-------------|-------------------|
| Assessment Area: RAW WATER | | | | | |
| INTAKE PUMP STATION | 2 | 3 | 4 | 5 | WX21165023 |

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Water Treatment Plants

| WTP Name | Design Capacity (MGD) | Date Constructed | Major Expansion Date | Condition ID | Performance ID | Priority ID | WRIS PNum |
|--------------------------------|-----------------------|------------------|----------------------|--------------|----------------|-------------|-----------|
| CAVE RUN WATER TREATMENT PLANT | 2.00000000 | 07/05/2005 | | 2 | 1 | 0 | |

Treatment Plant Components:

| Component Name | Condition ID | Performance ID | Priority ID | WRIS PNum |
|------------------------------------|--------------|----------------|-------------|-------------------|
| Backwash Pump | 1 | 1 | 0 | |
| Chemicals & Disinfection | 2 | 2 | 0 | |
| Clarification & Sedimentation | 3 | 4 | 5 | WX21165023 |
| Clear Well | 2 | 2 | 0 | |
| Control Building | 1 | 1 | 0 | |
| Emergency Generator | 2 | 2 | 0 | |
| Filtration | 3 | 2 | 4 | WX21165023 |
| High Service Pump #1 | 4 | 2 | 2 | |
| High Service Pump #2 | 2 | 2 | 0 | |
| High Service Pump #3 | 2 | 2 | 0 | |
| Intake Pump Station Structure | 2 | 2 | 0 | |
| Mixing, Coagulation & Flocculation | 3 | 2 | 2 | |

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Miscellaneous System Components

| Component Name | Condition ID | Performance ID | Priority ID | WRIS PNum |
|----------------------------------|--------------|----------------|-------------|-----------|
| Chevrolet Silverado 1500 (2006) | 3 | 3 | 0 | |
| Ford F-150 (2016) | 1 | 1 | 0 | |
| Portable Generator | 2 | 2 | 0 | |
| SCADA - Cave Run Tank | 1 | 1 | 0 | |
| SCADA - Frenchburg Big Woods Met | 1 | 1 | 0 | |
| SCADA - Frenchburg Big Woods Tan | 1 | 1 | 0 | |
| SCADA - Frenchburg Craig Hill Me | 1 | 1 | 0 | |
| SCADA - Frenchburg Craig Hill Ta | 1 | 1 | 0 | |
| SCADA - Frenchburg Hill PRV | 1 | 1 | 0 | |
| SCADA - Frenchburg McCausey Mete | 1 | 1 | 0 | |
| SCADA - Frenchburg McCausey Tank | 1 | 1 | 0 | |
| SCADA - Frenchburg Tarr Ridge Me | 1 | 1 | 0 | |
| SCADA - Frenchburg Tarr Ridge Ta | 1 | 1 | 0 | |
| SCADA - Intake Pump Station | 1 | 1 | 0 | |
| SCADA - Jeffersonville 599 Tank | 1 | 1 | 0 | |
| SCADA - Jeffersonville Meter | 1 | 1 | 0 | |
| SCADA - Morgan Co. Control Valve | 1 | 1 | 0 | |
| SCADA - Morgan Co. Ezel Tank | 1 | 1 | 0 | |
| SCADA - Morgan Co. Meter | 1 | 1 | 0 | |
| SCADA - Rothwell Hill Tank | 1 | 1 | 0 | |
| SCADA - Water Treatment Plant | 1 | 1 | 0 | |