

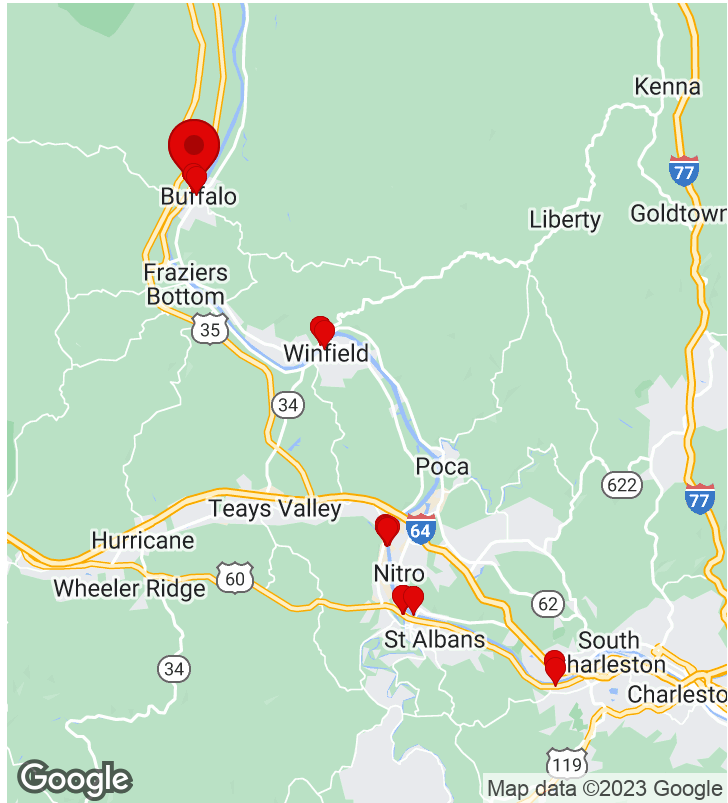
# West Virginia Data Collection - Final



Investigation of data points along the Kanawha River and Coal Rivers.

## October 26, 2022

7/7/2023, 8:28:26 PM UTC



### CREATED

🕒 10/26/2022, 3:59:24 PM UTC

👤 by Monique Rydel

### UPDATED

🕒 7/7/2023, 8:28:26 PM UTC

👤 by Monique Rydel

### LOCATION

📍 38.618986, -81.984933

## General Report Information

Date	October 26, 2022
River/Body of Water	Kanawha River, Coal River
Personnel	Seth Jones, Monique Rydel, Susan Pulliam
Start Time	11:59
Travel Method	Land, Boat

## Weather Information

Air Temperature (c)	13.5
Wind Speed (mph)	9.8

## Site Locations (18 Items)

### Site Locations - 1. Kanawha River - KR, 1

#### Weather

Air Temperature (c)	13.1
Weather Condition	Overcast
Wind Speed (mph)	12.1
Humidity (%)	86
Precipitation (mm)	0

Way Point Prefix	Kanawha River - KR
Way Point Number	1
Time at Way Point	12:00
Way Point Description	Sign
Are there visible signs indicating a cable crossing?	Yes
Identify what the signs say.	Submarine Crossing. 2nd sign flanking the telecom sign.
Is there buried or visible cable at location?	No
Was there a general site sample collected?	No

#### Site Photos



## Site Locations - 2. Kanawha River - KR, 1.2

### Weather

Air Temperature (c) | 13.1

Weather Condition | Overcast

Wind Speed (mph) | 12.1

Humidity (%) | 86

Precipitation (mm) | 0

Way Point Prefix | Kanawha River - KR

Way Point Number | 1.2

Time at Way Point | 12:01

Way Point Description | Sign

Are there visible signs indicating a cable crossing? | Yes

Identify what the signs say. | Underground Cable Crossing. C&P Tel. Co. of W.VA.

Is there buried or visible cable at location? | N/A

Was there a general site sample collected? | Yes

## Sample Information - No Visible Cable (1 Item)

### Sample Information - No Visible Cable - 1. Water: Cable Corridor, 1.2 Water

Type of Sample for No Visible Cable (Water, Sediment, Cable, Manhole, Splice Box, etc.) | Water: Cable Corridor

Location of Collected Sample - No Visible Cable	Surface Sample.
Time of Collection - No Visible Cable	12:05
Sample Prefix - No Visible Cable	Kanawha River - KR
Sample ID (#) - No Visible Cable	1.2 Water
Additional Notes - No Visible Cable Sample (if any)	Two signs indicating cable crossings.

Photo of Site for Sample(s)



Site Photos





**Site Locations - 3. Kanawha River - KR, 1.1**

**Weather**

<b>Air Temperature (c)</b>	12.8
<b>Weather Condition</b>	Overcast
<b>Wind Speed (mph)</b>	5.6
<b>Humidity (%)</b>	89
<b>Precipitation (mm)</b>	0
<b>Way Point Prefix</b>	Kanawha River - KR
<b>Way Point Number</b>	1.1
<b>Time at Way Point</b>	12:14
<b>Way Point Description</b>	Cable Corridor, Some ballast that would have been placed over the cable. No visible cable. No sign.
<b>Are there visible signs indicating a cable crossing?</b>	N/A

Is there buried or visible cable at location?	N/A
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Was there a general site sample collected?	No
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#### Site Photos



### Site Locations - 4. Kanawha River - KR, 1.3

#### Weather

Air Temperature (c)	15
Weather Condition	Partly cloudy
Wind Speed (mph)	12.1
Humidity (%)	80
Precipitation (mm)	0

Way Point Prefix	Kanawha River - KR
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Way Point Number	1.3
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Time at Way Point	12:43
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Way Point Description	Cable Location, Old Pliny Ferry Crossing. Aka 113 Frazier Bottom.
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Are there visible signs indicating a cable crossing?	N/A
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Is there buried or visible cable at location?	Yes
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How many cables are visible?	2
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Is lead visible?	Yes
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Was there a general site sample collected?	See Specific Cable or Water
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### Specific Cable Information (2 Items)

## Specific Cable Information - 1. 1

Cable #	1
Visible Length (ft)	20
Type of Cable (Power, Telecom, Fiber Optic, Other)	Telecom
Is this a leaded cable?	Yes
Is the cable(s) Terrestrial, Submarine or Both?	Both
Was there a sample collected?	Yes
How many samples collected?	1

## Sample Information - Specific Cable (1 Item)

### Sample Information - Specific Cable - 1. Sediment Collection, 1.3 Sediment

Type of Sample (Water, Sediment, Cable, Manhole, Splice Box, etc.)	Sediment Collection
If more than one cable, what Cable was Sample collected from?	1,2
Location of Collected Specific Cable Sample	At the base of the Telephone Pole.
Time of Collection - Specific Cable	12:45
Sample Prefix - Specific Cable	Kanawha River - KR
Sample ID (#) - Specific Cable	1.3 Sediment
Additional Notes - Specific Cable Sample (if any)	1 Sample was collected for both Cables at this location. All photos are under KR 1.3 "Site Photos" and are geotagged/timestamped for the time of collection. Data entry for "Sample Information - Specific Cable" was added 1 Dec 2022 to maintain consistency in the West Virginia Data Report.

Photo of Specific Cable Sample(s)

## Specific Cable Information - 2. 2

Cable #	2
Visible Length (ft)	20
Type of Cable (Power, Telecom, Fiber Optic, Other)	Telecom
Is this a leaded cable?	Yes
Is the cable(s) Terrestrial, Submarine or Both?	Both
Was there a sample collected?	Yes



How many samples collected? | 1

## Sample Information - Specific Cable (1 Item)

### Sample Information - Specific Cable - 1. Sediment Collection, 1.3 Sediment

Type of Sample (Water, Sediment, Cable, Manhole, Splice Box, etc.)	Sediment Collection
If more than one cable, what Cable was Sample collected from?	1,2
Location of Collected Specific Cable Sample	At the base of the Telephone Pole.
Time of Collection - Specific Cable	12:45
Sample Prefix - Specific Cable	Kanawha River - KR
Sample ID (#) - Specific Cable	1.3 Sediment
Additional Notes - Specific Cable Sample (if any)	1 Sample was collected for both cables at this location. All photos are under KR 1.3 "Site Photos" and are geotagged/timestamped for the time of collection. Data entry for "Sample Information - Specific Cable" was added 1 Dec 2022 to maintain consistency in the West Virginia Data Report.

Photo of Specific Cable Sample(s)

Site Photos



**Site Locations - 5. Kanawha River - KR, 2**

**Weather**

<b>Air Temperature (c)</b>	14.1
<b>Weather Condition</b>	Overcast
<b>Wind Speed (mph)</b>	13.4
<b>Humidity (%)</b>	72
<b>Precipitation (mm)</b>	0
<b>Way Point Prefix</b>	Kanawha River - KR
<b>Way Point Number</b>	2
<b>Time at Way Point</b>	13:46
<b>Way Point Description</b>	Cable Location, Spoke with homeowner for sediment sample as the cable is on her property. She refused access. We did collect a water sample nearby.
<b>Are there visible signs indicating a cable crossing?</b>	N/A

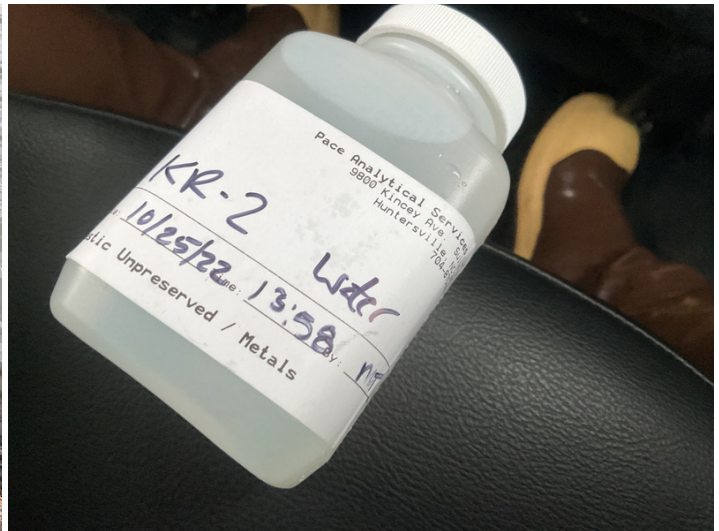
Is there buried or visible cable at location?	No
Was there a general site sample collected?	Yes

**Sample Information - No Visible Cable (1 Item)**

**Sample Information - No Visible Cable - 1. Water: Cable Corridor, 2 Water**

Type of Sample for No Visible Cable (Water, Sediment, Cable, Manhole, Splice Box, etc.)	Water: Cable Corridor
Location of Collected Sample - No Visible Cable	Surface Sample.
Time of Collection - No Visible Cable	13:48
Sample Prefix - No Visible Cable	Kanawha River - KR
Sample ID (#) - No Visible Cable	2 Water
Additional Notes - No Visible Cable Sample (if any)	None.

**Photo of Site for Sample(s)**



**Site Photos**





**Site Locations - 6. Kanawha River - KR, 2.1**

**Weather**

<b>Air Temperature (c)</b>	12.3
<b>Weather Condition</b>	Overcast
<b>Wind Speed (mph)</b>	12.1
<b>Humidity (%)</b>	77
<b>Precipitation (mm)</b>	0

<b>Way Point Prefix</b>	Kanawha River - KR
<b>Way Point Number</b>	2.1
<b>Time at Way Point</b>	13:58
<b>Way Point Description</b>	Manhole, Bell systems x2.
<b>Are there visible signs indicating a cable crossing?</b>	N/A
<b>Is there buried or visible cable at location?</b>	N/A
<b>Was there a general site sample collected?</b>	No

**Site Photos**



### Site Locations - 7. Kanawha River - KR, 3

#### Weather

Air Temperature (c)	14.4
Weather Condition	Overcast
Wind Speed (mph)	9.4
Humidity (%)	65
Precipitation (mm)	0

Way Point Prefix	Kanawha River - KR
Way Point Number	3
Time at Way Point	15:07
Way Point Description	Sign, 3 visible signs. All say the same. Adjacent to industry.
Are there visible signs indicating a cable crossing?	Yes
Identify what the signs say.	Underground Cable Crossing. C&P Tel. Co. of W.VA.
Is there buried or visible cable at location?	No
Was there a general site sample collected?	No

#### Site Photos



## Site Locations - 8. Kanawha River - KR, 3.1

### Weather

Air Temperature (c)	13.3
Weather Condition	Overcast
Wind Speed (mph)	12.5
Humidity (%)	64
Precipitation (mm)	0

Way Point Prefix	Kanawha River - KR
Way Point Number	3.1
Time at Way Point	15:16
Way Point Description	Cable Location, Telephone Pole
Are there visible signs indicating a cable crossing?	Yes
Identify what the signs say.	Underground Cable Crossing. C&P Tel. Co. of W.VA.
Is there buried or visible cable at location?	Yes
How many cables are visible?	2
Is lead visible?	Yes
Was there a general site sample collected?	See Specific Cable or Water

### Specific Cable Information (1 Item)

### Specific Cable Information - 1. 1, 2

<b>Cable #</b>	1, 2
<b>Visible Length (ft)</b>	20
<b>Type of Cable (Power, Telecom, Fiber Optic, Other)</b>	Telecom
<b>Is this a leaded cable?</b>	Yes
<b>Is the cable(s) Terrestrial, Submarine or Both?</b>	Both
<b>Was there a sample collected?</b>	Yes
<b>How many samples collected?</b>	2

### Sample Information - Specific Cable (2 Items)

#### Sample Information - Specific Cable - 1. Lead Scraping, 3.1 Lead

<b>Type of Sample (Water, Sediment, Cable, Manhole, Splice Box, etc.)</b>	Lead Scraping
<b>If more than one cable, what Cable was Sample collected from?</b>	1
<b>Time of Collection - Specific Cable</b>	15:23
<b>Sample Prefix - Specific Cable</b>	Kanawha River - KR
<b>Sample ID (#) - Specific Cable</b>	3.1 Lead
<b>Additional Notes - Specific Cable Sample (if any)</b>	None.

**Photo of Specific Cable Sample(s)**



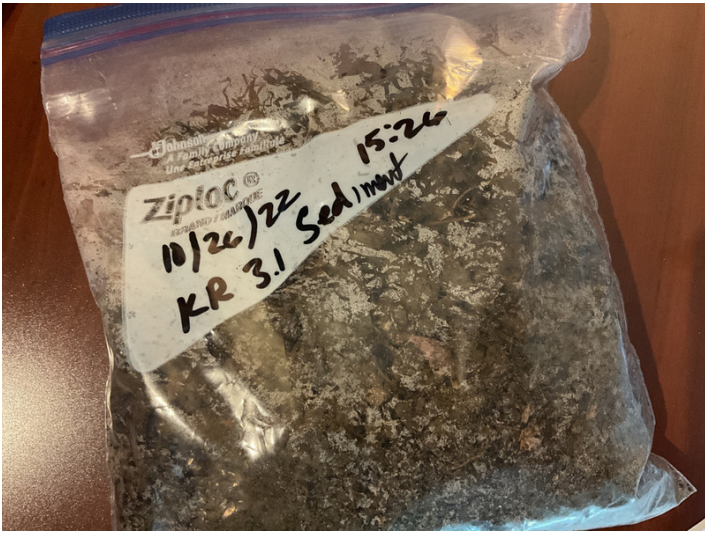


**Sample Information - Specific Cable - 2. Sediment Collection, 3.1 Sediment**

Type of Sample (Water, Sediment, Cable, Manhole, Splice Box, etc.)	Sediment Collection
If more than one cable, what Cable was Sample collected from?	1
Location of Collected Specific Cable Sample	Under the Cable
Time of Collection - Specific Cable	15:26
Sample Prefix - Specific Cable	Kanawha River - KR
Sample ID (#) - Specific Cable	3.1 Sediment
Additional Notes - Specific Cable Sample (if any)	None.

Photo of Specific Cable Sample(s)





Site Photos





## Site Locations - 9. Kanawha River - KR, 3.2

### Weather



<b>Air Temperature (c)</b>	13.3
<b>Weather Condition</b>	Overcast
<b>Wind Speed (mph)</b>	12.5
<b>Humidity (%)</b>	64
<b>Precipitation (mm)</b>	0
<b>Way Point Prefix</b>	Kanawha River - KR
<b>Way Point Number</b>	3.2
<b>Time at Way Point</b>	15:35
<b>Way Point Description</b>	Sign
<b>Are there visible signs indicating a cable crossing?</b>	Yes
<b>Identify what the signs say.</b>	Underground Cable Crossing. C&P Tel. Co. W.VA.
<b>Is there buried or visible cable at location?</b>	N/A
<b>Was there a general site sample collected?</b>	No

#### Site Photos



### Site Locations - 10. Kanawha River - KR, 3.3

#### Weather

<b>Air Temperature (c)</b>	13.3
<b>Weather Condition</b>	Overcast
<b>Wind Speed (mph)</b>	12.5
<b>Humidity (%)</b>	64
<b>Precipitation (mm)</b>	0
<b>Way Point Prefix</b>	Kanawha River - KR

Way Point Number	3.3
Time at Way Point	15:42
Way Point Description	Water: Side Channel
Are there visible signs indicating a cable crossing?	N/A
Is there buried or visible cable at location?	N/A
Was there a general site sample collected?	Yes

### Sample Information - No Visible Cable (1 Item)

#### Sample Information - No Visible Cable - 1. Water: Side Channel, Small Pool., 3.3

Type of Sample for No Visible Cable (Water, Sediment, Cable, Manhole, Splice Box, etc.)	Water: Side Channel, Small Pool.
Location of Collected Sample - No Visible Cable	Surface Sample.
Time of Collection - No Visible Cable	15:43
Sample Prefix - No Visible Cable	Kanawha River - KR
Sample ID (#) - No Visible Cable	3.3
Additional Notes - No Visible Cable Sample (if any)	None.

#### Photo of Site for Sample(s)



#### Site Photos



**Site Locations - 11. Kanawha River - KR, 4**

**Weather**

Air Temperature (c)	13.3
Weather Condition	Overcast
Wind Speed (mph)	12.5
Humidity (%)	64
Precipitation (mm)	0

Way Point Prefix	Kanawha River - KR
Way Point Number	4
Time at Way Point	15:45
Way Point Description	Sediment Control
Are there visible signs indicating a cable crossing?	N/A
Is there buried or visible cable at location?	N/A
Was there a general site sample collected?	Yes

**Sample Information - No Visible Cable (1 Item)**

**Sample Information - No Visible Cable - 1. Sediment Control, 4 Sediment**

Type of Sample for No Visible Cable (Water, Sediment, Cable, Manhole, Splice Box, etc.)	Sediment Control
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Location of Collected Sample - No Visible Cable	Surface Sample
Time of Collection - No Visible Cable	15:45
Sample Prefix - No Visible Cable	Kanawha River - KR
Sample ID (#) - No Visible Cable	4 Sediment
Additional Notes - No Visible Cable Sample (if any)	None.

Photo of Site for Sample(s)



Site Photos



## Site Locations - 12. Kanawha River - KR, 3.4

### Weather

Air Temperature (c)	13.3
Weather Condition	Overcast
Wind Speed (mph)	12.5
Humidity (%)	64
Precipitation (mm)	0

Way Point Prefix	Kanawha River - KR
Way Point Number	3.4
Time at Way Point	15:47
Way Point Description	Cable Corridor
Are there visible signs indicating a cable crossing?	N/A
Is there buried or visible cable at location?	N/A
Was there a general site sample collected?	Yes

### Sample Information - No Visible Cable (1 Item)

#### Sample Information - No Visible Cable - 1. Water: Cable Corridor, 3.4 Water

Type of Sample for No Visible Cable (Water, Sediment, Cable, Manhole, Splice Box, etc.)	Water: Cable Corridor
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Location of Collected Sample - No Visible Cable	Surface Sample.
Time of Collection - No Visible Cable	15:48
Sample Prefix - No Visible Cable	Kanawha River - KR
Sample ID (#) - No Visible Cable	3.4 Water
Additional Notes - No Visible Cable Sample (if any)	None.

Photo of Site for Sample(s)



Site Photos



## Site Locations - 13. Kanawha River - KR, 3.5

### Weather

Air Temperature (c)	13.3
Weather Condition	Overcast
Wind Speed (mph)	12.5
Humidity (%)	64
Precipitation (mm)	0
Way Point Prefix	Kanawha River - KR
Way Point Number	3.5
Time at Way Point	15:54
Way Point Description	Cable Location, Cable Corridor, 3rd cable on the the fourth pole for site 3 on the West Bank.
Are there visible signs indicating a cable crossing?	N/A
Is there buried or visible cable at location?	Yes
How many cables are visible?	1, Other
Is lead visible?	Yes
Was there a general site sample collected?	No

### Specific Cable Information

#### Site Photos



## Site Locations - 14. Kanawha River - KR, 5



**Weather**

<b>Air Temperature (c)</b>	13.3
<b>Weather Condition</b>	Overcast
<b>Wind Speed (mph)</b>	12.5
<b>Humidity (%)</b>	64
<b>Precipitation (mm)</b>	0
<b>Way Point Prefix</b>	Kanawha River - KR
<b>Way Point Number</b>	5
<b>Time at Way Point</b>	15:57
<b>Way Point Description</b>	Water Control
<b>Are there visible signs indicating a cable crossing?</b>	N/A
<b>Is there buried or visible cable at location?</b>	N/A
<b>Was there a general site sample collected?</b>	Yes

**Sample Information - No Visible Cable (1 Item)****Sample Information - No Visible Cable - 1. Water: Control Away from Cable, 5 Water**

<b>Type of Sample for No Visible Cable (Water, Sediment, Cable, Manhole, Splice Box, etc.)</b>	Water: Control Away from Cable
<b>Location of Collected Sample - No Visible Cable</b>	Surface Sample.
<b>Time of Collection - No Visible Cable</b>	15:58
<b>Sample Prefix - No Visible Cable</b>	Kanawha River - KR
<b>Sample ID (#) - No Visible Cable</b>	5 Water
<b>Additional Notes - No Visible Cable Sample (if any)</b>	Sample information was recorded under "No Visible Cable" rather than "Water Control, Intake or Drinking Fountain".
<b>Photo of Site for Sample(s)</b>	



**Water Control, Intake, or Drinking Fountain Information (1 Item)**

**Water Control, Intake, or Drinking Fountain Information - 1. 38.42975619550188**

Was there a Water Control, Intake, or Drinking Fountain sample collected?	Yes
How many Water Control, Intake, or Drinking Fountain samples collected?	1

**Sample Information - Water Control, Intake, or Drinking Fountain (1 Item)**

**Sample Information - Water Control, Intake, or Drinking Fountain - 1. Kanawha River - KR, 5 Water - Refer to "No Visible Cable Sample" under "Site Locations - 14. Kanawha River, 5."**

Location of Collected Water Control, Intake or Drinking Fountain Sample	Surface Sample
Time of Collection - Water Control, Intake, or Drinking Fountain	18:43
Sample Prefix - Water Control, Intake, or Drinking Fountain	Kanawha River - KR
Sample ID (#) - Water Control, Intake, or Drinking Fountain	5 Water - Refer to "No Visible Cable Sample" under "Site Locations - 14. Kanawha River, 5."
Duplicate Collected - Water Control, Intake, or Drinking Fountain?	No
Additional Notes - Water Control, Intake, or Drinking Fountain Sample (if any)	Please refer to "No Visible Cable Sample" under "Site Locations -14. Kanawah River, 5" for data. Information was recorded in the wrong location. 1 Water sample collected.
Photo of Water Control, Intake, or Drinking Fountain Sample(s)	

**Site Photos**



**Site Locations - 15. Coal River - Coal, 1**

**Weather**

<b>Air Temperature (c)</b>	12.8
<b>Weather Condition</b>	Overcast
<b>Wind Speed (mph)</b>	9.4
<b>Humidity (%)</b>	66
<b>Precipitation (mm)</b>	0
<b>Way Point Prefix</b>	Coal River - Coal
<b>Way Point Number</b>	1
<b>Time at Way Point</b>	16:17
<b>Way Point Description</b>	Water Intake
<b>Are there visible signs indicating a cable crossing?</b>	N/A
<b>Is there buried or visible cable at location?</b>	N/A
<b>Was there a general site sample collected?</b>	See Specific Cable or Water

**Water Control, Intake, or Drinking Fountain Information (1 Item)**

**Water Control, Intake, or Drinking Fountain Information - 1. 38.392241707010456**

<b>Was there a Water Control, Intake, or Drinking Fountain sample collected?</b>	Yes
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How many Water Control, Intake, or Drinking Fountain samples collected? | 1

**Sample Information - Water Control, Intake, or Drinking Fountain (1 Item)**

**Sample Information - Water Control, Intake, or Drinking Fountain - 1. Coal River - Coal, Coal R 1 Water**

Location of Collected Water Control, Intake or Drinking Fountain Sample | Surface Sample

Time of Collection - Water Control, Intake, or Drinking Fountain | 16:19

Sample Prefix - Water Control, Intake, or Drinking Fountain | Coal River - Coal

Sample ID (#) - Water Control, Intake, or Drinking Fountain | Coal R 1 Water

Duplicate Collected - Water Control, Intake, or Drinking Fountain? | No

Additional Notes - Water Control, Intake, or Drinking Fountain Sample (if any) | None.

**Photo of Water Control, Intake, or Drinking Fountain Sample(s)**



**Site Photos**





## Site Locations - 16. Kanawha River - KR, 6

### Weather

Air Temperature (c)	12.8
Weather Condition	Overcast
Wind Speed (mph)	9.4
Humidity (%)	66
Precipitation (mm)	0
Way Point Prefix	Kanawha River - KR
Way Point Number	6
Time at Way Point	16:43
Way Point Description	No visible Cable. Sign post by school bus garage likely old signage, but could not confirm. East bank was also negative for visible cable/Signs. Residential area - not friendly.
Are there visible signs indicating a cable crossing?	N/A



Is there buried or visible cable at location? | N/A

Was there a general site sample collected? | No

**Site Photos**



**Site Locations - 17. Kanawha River - KR, 7**

**Weather**

Air Temperature (c) | 12.2

Weather Condition | Overcast

Wind Speed (mph) | 8.1

Humidity (%) | 69

Precipitation (mm) | 0

Way Point Prefix | Kanawha River - KR

Way Point Number | 7



<b>Time at Way Point</b>	17:33
<b>Way Point Description</b>	Manhole, Bell Systems x1.
<b>Are there visible signs indicating a cable crossing?</b>	No
<b>Is there buried or visible cable at location?</b>	No
<b>Was there a general site sample collected?</b>	No

#### Site Photos



### Site Locations - 18. Kanawha River - KR, 7.1

#### Weather

<b>Air Temperature (c)</b>	12.2
<b>Weather Condition</b>	Overcast
<b>Wind Speed (mph)</b>	8.1
<b>Humidity (%)</b>	69
<b>Precipitation (mm)</b>	0

<b>Way Point Prefix</b>	Kanawha River - KR
<b>Way Point Number</b>	7.1
<b>Time at Way Point</b>	17:45
<b>Way Point Description</b>	Manhole, Bell systems x2.
<b>Are there visible signs indicating a cable crossing?</b>	N/A
<b>Is there buried or visible cable at location?</b>	N/A
<b>Was there a general site sample collected?</b>	No

#### Site Photos



