

**Indiana Department of Environmental Management
Office of Water Quality-Watershed Assessment and Planning Branch
Surface Water Results Summary**

SiteID: WBU-07-0021 USGS Hydrologic Unit: 051201110704
 Stream Name: Honey Creek County: Vigo
 Description: Cox Road Latitude: 39 22 18.58 Longitude: -87 28 46.05
 Drainage: Site Number: 26T-001

SiteID: WBU-07-0021 Sample Date: 12/10/2025 IDEM Sample #: AC46790
 Water Flow Type Run Water Appearance Clear Water Depth Algae?
 Water Flow (cf/sec): Flow Estimated? Aquatic Life? Canopy Closed % 0-20%
 Sample Comments:

Lab ID #:	Result	Reporting Limit	Method
% Sat	90.4 %		ASTM D888-09(C)
DO	12.57 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1664 umho/cm		SM2510B
Temperature	1.6 °C		SM2550B(2)
Turbidity (Hach)	3.15 NTU		180.1
pH (Field)	8.3 SU		150.2
Air Temp	2 Lookup		Observation
Sky Conditions	4 Lookup		Observation
Wind Direction	27 Lookup		Observation
Wind Strength	1 Lookup		Observation

Lab ID #: 50420294001	Result	Reporting Limit	Method
Alkalinity (as CaCO3)	259 mg/L	10	SM2320B
Chloride	75.1 mg/L	2.5	300.0
Hardness (as CaCO3)	752 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	< 2.5 mg/L	2.5	SM2540D
Solids, Total (TS)	1220 mg/L	20	SM2540B
Solids, Total Dissolved (TDS)	1150 mg/L	20	SM2540C
Sulfate	580 mg/L	25	300.0
COD	13.4 mg/L	10	410.4
Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.66 mg/L	0.1	353.2
Phosphorus, Total	< .2 mg/L	0.2	365.1
TKN	< .5 mg/L	0.5	351.2
TOC	7.3 mg/L	1	SM5310C

**Indiana Department of Environmental Management
Office of Water Quality-Watershed Assessment and Planning Branch
Surface Water Results Summary**

SiteID: WBU-07-0021

Sample Date: 1/7/2026

IDEM Sample #: AC46797

Water Flow Type Run

Water Appearance Clear

Water Depth



Algae?

Water Flow (cf/sec):

Flow Estimated?

Aquatic Life?

Canopy Closed % 0-20%

Sample Comments:

Lab ID #:	Result	Reporting Limit	Method
% Sat	91.5 %		ASTM D888-09(C)
DO	12.17 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1404 umho/cm		SM2510B
Temperature	3.2 °C		SM2550B(2)
Turbidity (Hach)	3.39 NTU		180.1
pH (Field)	8.28 SU		150.2
Air Temp	2 Lookup		Observation
Sky Conditions	4 Lookup		Observation
Wind Direction	18 Lookup		Observation
Wind Strength	1 Lookup		Observation

Lab ID #: 50421871001	Result	Reporting Limit	Method
Alkalinity (as CaCO3)	234 mg/L	10	SM2320B
Chloride	45.8 mg/L	2.5	300.0
Hardness (as CaCO3)	668 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	< 2.5 mg/L	2.5	SM2540D
Solids, Total (TS)	1080 mg/L	20	SM2540B
Solids, Total Dissolved (TDS)	982 mg/L	20	SM2540C
Sulfate	448 mg/L	25	300.0
COD	11.1 mg/L	10	410.4
Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.35 mg/L	0.1	353.2
Phosphorus, Total	< .2 mg/L	0.2	365.1
TKN	< .5 mg/L	0.5	351.2
TOC	9.4 mg/L	4	SM5310C

**Indiana Department of Environmental Management
Office of Water Quality-Watershed Assessment and Planning Branch
Surface Water Results Summary**

Weather Code Definitions					
SC Sky Conditions		WD Wind Direction		WS Wind Strength	AT Air Temp
1 - Clear	8 - Rain	0	North (0 Degrees)	0 - Calm	1 - < 32
2 - scattered	9 - Snow	9	East (90 Degrees)	1 - Light	2 - 33-45
3 - Partly	10 - Sleet	18	South (180 Degrees)	2 - Mod./Light	3 - 46-60
4 - Cloudy		27	West (270 Degrees)	3 - Moderate	4 - 61-75
5 - Mist				4 - Mod./Strong	5 - 76-85
6 - Fog				5 - Strong	6 - > 86
7 - Shower				6 - Gale	

**Indiana Department of Environmental Management
Office of Water Quality-Watershed Assessment and Planning Branch
Surface Water Results Summary**

SiteID: WBU-07-0026

Sample Date: 12/10/2025

IDEM Sample #: AC46791

Water Flow Type Riffle

Water Appearance Clear

Water Depth



Algae?

Water Flow (cf/sec):

Flow Estimated?

Aquatic Life?

Canopy Closed % 0-20%

Sample Comments:

Lab ID #:	Result	Reporting Limit	Method
% Sat	87.4 %		ASTM D888-09(C)
DO	11.74 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	941 umho/cm		SM2510B
Temperature	3 °C		SM2550B(2)
Turbidity (Hach)	4.39 NTU		180.1
pH (Field)	8.05 SU		150.2
Air Temp	2 Lookup		Observation
Sky Conditions	4 Lookup		Observation
Wind Direction	27 Lookup		Observation
Wind Strength	2 Lookup		Observation

Lab ID #: 50420294002	Result	Reporting Limit	Method
Alkalinity (as CaCO3)	195 mg/L	10	SM2320B
Chloride	82.2 mg/L	2.5	300.0
Hardness (as CaCO3)	366 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	< 2.5 mg/L	2.5	SM2540D
Solids, Total (TS)	572 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	524 mg/L	10	SM2540C
Sulfate	182 mg/L	2.5	300.0
COD	18.4 mg/L	10	410.4
Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	< .1 mg/L	0.1	353.2
Phosphorus, Total	< .2 mg/L	0.2	365.1
TKN	< .5 mg/L	0.5	351.2
TOC	5.4 mg/L	1	SM5310C

**Indiana Department of Environmental Management
Office of Water Quality-Watershed Assessment and Planning Branch
Surface Water Results Summary**

SiteID: WBU-07-0026

Sample Date: 1/7/2026

IDEM Sample #: AC46798

Water Flow Type Run

Water Appearance Clear

Water Depth



Algae?

Water Flow (cf/sec):

Flow Estimated?

Aquatic Life?

Canopy Closed % 0-20%

Sample Comments:

Lab ID #:	Result	Reporting Limit	Method
% Sat	89.3 %		ASTM D888-09(C)
DO	11.51 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	867 umho/cm		SM2510B
Temperature	4.5 °C		SM2550B(2)
Turbidity (Hach)	5.57 NTU		180.1
pH (Field)	8.08 SU		150.2
Air Temp	2	Lookup	Observation
Sky Conditions	4	Lookup	Observation
Wind Direction	18	Lookup	Observation
Wind Strength	1	Lookup	Observation

Lab ID #: 50421871002	Result	Reporting Limit	Method
Alkalinity (as CaCO3)	196 mg/L	10	SM2320B
Chloride	53.9 mg/L	2.5	300.0
Hardness (as CaCO3)	383 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	< 2.5 mg/L	2.5	SM2540D
Solids, Total (TS)	577 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	532 mg/L	10	SM2540C
Sulfate	172 mg/L	2.5	300.0
COD	14.1 mg/L	10	410.4
Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	< .1 mg/L	0.1	353.2
Phosphorus, Total	< .2 mg/L	0.2	365.1
TKN	.52 mg/L	0.5	351.2
TOC	8.3 mg/L	4	SM5310C

**Indiana Department of Environmental Management
Office of Water Quality-Watershed Assessment and Planning Branch
Surface Water Results Summary**

Weather Code Definitions					
SC Sky Conditions		WD Wind Direction		WS Wind Strength	AT Air Temp
1 - Clear	8 - Rain	0	North (0 Degrees)	0 - Calm	1 - < 32
2 - scattered	9 - Snow	9	East (90 Degrees)	1 - Light	2 - 33-45
3 - Partly	10 - Sleet	18	South (180 Degrees)	2 - Mod./Light	3 - 46-60
4 - Cloudy		27	West (270 Degrees)	3 - Moderate	4 - 61-75
5 - Mist				4 - Mod./Strong	5 - 76-85
6 - Fog				5 - Strong	6 - > 86
7 - Shower				6 - Gale	

**Indiana Department of Environmental Management
Office of Water Quality-Watershed Assessment and Planning Branch
Surface Water Results Summary**

SiteID: WBU-07-0029 USGS Hydrologic Unit: 051201110702
 Stream Name: Little Honey Creek County: Vigo
 Description: Feree Drive Latitude: 39 24 17.90 Longitude: -87 21 42.25
 Drainage: Site Number: 26T-011

SiteID: WBU-07-0029 Sample Date: 11/12/2025 IDEM Sample #: AC46786
 Water Flow Type Pool Water Appearance Clear Water Depth Algae?
 Water Flow (cf/sec): Flow Estimated? Aquatic Life? Canopy Closed % 0-20%
 Sample Comments:

Lab ID #:	Result	Reporting Limit	Method
% Sat	66.7 %		ASTM D888-09(C)
DO	8.29 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	682 umho/cm		SM2510B
Temperature	5.9 °C		SM2550B(2)
Turbidity (Hach)	3.05 NTU		180.1
pH (Field)	7.85 SU		150.2
Air Temp	3 Lookup		Observation
Sky Conditions	1 Lookup		Observation
Wind Direction	27 Lookup		Observation
Wind Strength	1 Lookup		Observation

Lab ID #: 50418139003	Result	Reporting Limit	Method
Alkalinity (as CaCO3)	236 mg/L	10	SM2320B
Chloride	61.7 mg/L	2.5	300.0
Hardness (as CaCO3)	280 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	< 2.5 mg/L	2.5	SM2540D
Solids, Total (TS)	412 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	392 mg/L	10	SM2540C
Sulfate	38.1 mg/L	0.25	300.0
COD	18.8 mg/L	10	410.4
Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	< .1 mg/L	0.1	353.2
Phosphorus, Total	.16 mg/L	0.05	365.1
TKN	< .5 mg/L	0.5	351.2
TOC	6.4 mg/L	1	SM5310C

**Indiana Department of Environmental Management
Office of Water Quality-Watershed Assessment and Planning Branch
Surface Water Results Summary**

SiteID: WBU-07-0029

Sample Date: 12/10/2025

IDEM Sample #: AC46793

Water Flow Type Riffle

Water Appearance Clear

Water Depth



Algae?

Water Flow (cf/sec):

Flow Estimated?

Aquatic Life?

Canopy Closed % 0-20%

Sample Comments:

Lab ID #:	Result	Reporting Limit	Method
% Sat	84.8 %		ASTM D888-09(C)
DO	11.33 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1590 umho/cm		SM2510B
Temperature	3.1 °C		SM2550B(2)
Turbidity (Hach)	6.55 NTU		180.1
pH (Field)	7.93 SU		150.2
Air Temp	2	Lookup	Observation
Sky Conditions	5	Lookup	Observation
Wind Direction	27	Lookup	Observation
Wind Strength	2	Lookup	Observation

Lab ID #: 50420294004	Result	Reporting Limit	Method
Alkalinity (as CaCO3)	209 mg/L	10	SM2320B
Chloride	324 mg/L	25	300.0
Hardness (as CaCO3)	374 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	< 2.5 mg/L	2.5	SM2540D
Solids, Total (TS)	866 mg/L	20	SM2540B
Solids, Total Dissolved (TDS)	800 mg/L	20	SM2540C
Sulfate	82.2 mg/L	2.5	300.0
COD	15.4 mg/L	10	410.4
Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.12 mg/L	0.1	353.2
Phosphorus, Total	< .2 mg/L	0.2	365.1
TKN	< .5 mg/L	0.5	351.2
TOC	< 4 mg/L	4	SM5310C

**Indiana Department of Environmental Management
Office of Water Quality-Watershed Assessment and Planning Branch
Surface Water Results Summary**

SiteID: WBU-07-0029

Sample Date: 1/7/2026

IDEM Sample #: AC46800

Water Flow Type Run

Water Appearance Clear

Water Depth



Algae?

Water Flow (cf/sec):

Flow Estimated?

Aquatic Life?

Canopy Closed % 0-20%

Sample Comments:

Lab ID #:	Result	Reporting Limit	Method
% Sat	93.5 %		ASTM D888-09(C)
DO	11.99 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1026 umho/cm		SM2510B
Temperature	4.8 °C		SM2550B(2)
Turbidity (Hach)	6.19 NTU		180.1
pH (Field)	7.95 SU		150.2
Air Temp	2 Lookup		Observation
Sky Conditions	2 Lookup		Observation
Wind Direction	18 Lookup		Observation
Wind Strength	0 Lookup		Observation

Lab ID #: 50421871004	Result	Reporting Limit	Method
Alkalinity (as CaCO3)	203 mg/L	10	SM2320B
Chloride	166 mg/L	2.5	300.0
Hardness (as CaCO3)	335 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	3.7 mg/L	2.5	SM2540D
Solids, Total (TS)	630 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	565 mg/L	10	SM2540C
Sulfate	83.4 mg/L	2.5	300.0
COD	12.1 mg/L	10	410.4
Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	< .1 mg/L	0.1	353.2
Phosphorus, Total	< .2 mg/L	0.2	365.1
TKN	< .5 mg/L	0.5	351.2
TOC	8.2 mg/L	4	SM5310C

**Indiana Department of Environmental Management
Office of Water Quality-Watershed Assessment and Planning Branch
Surface Water Results Summary**

Weather Code Definitions					
SC Sky Conditions		WD Wind Direction		WS Wind Strength	AT Air Temp
1 - Clear	8 - Rain	0	North (0 Degrees)	0 - Calm	1 - < 32
2 - scattered	9 - Snow	9	East (90 Degrees)	1 - Light	2 - 33-45
3 - Partly	10 - Sleet	18	South (180 Degrees)	2 - Mod./Light	3 - 46-60
4 - Cloudy		27	West (270 Degrees)	3 - Moderate	4 - 61-75
5 - Mist				4 - Mod./Strong	5 - 76-85
6 - Fog				5 - Strong	6 - > 86
7 - Shower				6 - Gale	

**Indiana Department of Environmental Management
Office of Water Quality-Watershed Assessment and Planning Branch
Surface Water Results Summary**

SiteID: WBU-07-0033 USGS Hydrologic Unit: 051201110701
 Stream Name: Honey Creek County: Vigo
 Description: Margaret Drive Latitude: 39 26 1.35 Longitude: -87 16 30.18
 Drainage: Site Number: 26T-015

SiteID: WBU-07-0033 Sample Date: 11/12/2025 IDEM Sample #: AC46787
 Water Flow Type Pool Water Appearance Clear Water Depth Algae?
 Water Flow (cf/sec): Flow Estimated? Aquatic Life? Canopy Closed % 0-20%
 Sample Comments:

Lab ID #:	Result	Reporting Limit	Method
% Sat	80 %		ASTM D888-09(C)
DO	10.22 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	2371 umho/cm		SM2510B
Temperature	4.7 °C		SM2550B(2)
Turbidity (Hach)	2 NTU		180.1
pH (Field)	8.12 SU		150.2
Air Temp	3 Lookup		Observation
Sky Conditions	1 Lookup		Observation
Wind Direction	27 Lookup		Observation
Wind Strength	1 Lookup		Observation

Lab ID #: 50418139004	Result	Reporting Limit	Method
Alkalinity (as CaCO3)	302 mg/L	10	SM2320B
Chloride	12.8 mg/L	0.25	300.0
Hardness (as CaCO3)	1480 mg/L	20	SM2340B
Solids, Suspended Total, (TSS)	< 2.5 mg/L	2.5	SM2540D
Solids, Total (TS)	2250 mg/L	20	SM2540B
Solids, Total Dissolved (TDS)	2130 mg/L	20	SM2540C
Sulfate	1310 mg/L	25	300.0
COD	11.6 mg/L	10	410.4
Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	< .1 mg/L	0.1	353.2
Phosphorus, Total	< .05 mg/L	0.05	365.1
TKN	< .5 mg/L	0.5	351.2
TOC	3.8 mg/L	1	SM5310C

**Indiana Department of Environmental Management
Office of Water Quality-Watershed Assessment and Planning Branch
Surface Water Results Summary**

SiteID: WBU-07-0033

Sample Date: 12/10/2025

IDEM Sample #: AC46794

Water Flow Type Pool

Water Appearance Murky

Water Depth



Algae?

Water Flow (cf/sec):

Flow Estimated?

Aquatic Life?

Canopy Closed % 0-20%

Sample Comments:

Lab ID #:	Result	Reporting Limit	Method
% Sat	94.5 %		ASTM D888-09(C)
DO	12.12 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1929 umho/cm		SM2510B
Temperature	4.6 °C		SM2550B(2)
Turbidity (Hach)	7.91 NTU		180.1
pH (Field)	8.19 SU		150.2
Air Temp	2	Lookup	Observation
Sky Conditions	4	Lookup	Observation
Wind Direction	27	Lookup	Observation
Wind Strength	3	Lookup	Observation

Lab ID #: 50420294005	Result	Reporting Limit	Method
Alkalinity (as CaCO3)	243 mg/L	10	SM2320B
Chloride	19.2 mg/L	0.25	300.0
Hardness (as CaCO3)	1160 mg/L	20	SM2340B
Solids, Suspended Total, (TSS)	5.1 mg/L	3.3	SM2540D
Solids, Total (TS)	1640 mg/L	20	SM2540B
Solids, Total Dissolved (TDS)	1520 mg/L	20	SM2540C
Sulfate	979 mg/L	25	300.0
COD	18.7 mg/L	10	410.4
Nitrogen, Ammonia	.14 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.16 mg/L	0.1	353.2
Phosphorus, Total	< .2 mg/L	0.2	365.1
TKN	1.5 mg/L	0.5	351.2
TOC	9.5 mg/L	1	SM5310C

**Indiana Department of Environmental Management
Office of Water Quality-Watershed Assessment and Planning Branch
Surface Water Results Summary**

SiteID: WBU-07-0033

Sample Date: 1/7/2026

IDEM Sample #: AC46801

Water Flow Type Other

Water Appearance Murky

Water Depth



Algae?

Water Flow (cf/sec):

Flow Estimated?

Aquatic Life?

Canopy Closed % 0-20%

Sample Comments:

Lab ID #:	Result	Reporting Limit	Method
% Sat	101.1 %		ASTM D888-09(C)
DO	12.79 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1592 umho/cm		SM2510B
Temperature	5.2 °C		SM2550B(2)
Turbidity (Hach)	5.92 NTU		180.1
pH (Field)	8.08 SU		150.2
Air Temp	3	Lookup	Observation
Sky Conditions	1	Lookup	Observation
Wind Direction	18	Lookup	Observation
Wind Strength	0	Lookup	Observation

Lab ID #: 50421871005	Result	Reporting Limit	Method
Alkalinity (as CaCO3)	224 mg/L	10	SM2320B
Chloride	21.1 mg/L	0.25	300.0
Hardness (as CaCO3)	896 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	3.4 mg/L	2.5	SM2540D
Solids, Total (TS)	1310 mg/L	20	SM2540B
Solids, Total Dissolved (TDS)	1260 mg/L	20	SM2540C
Sulfate	661 mg/L	25	300.0
COD	16.4 mg/L	10	410.4
Nitrogen, Ammonia	.28 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.43 mg/L	0.1	353.2
Phosphorus, Total	< .2 mg/L	0.2	365.1
TKN	.89 mg/L	0.5	351.2
TOC	8.3 mg/L	4	SM5310C

**Indiana Department of Environmental Management
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Surface Water Results Summary**

Weather Code Definitions					
SC Sky Conditions		WD Wind Direction		WS Wind Strength	AT Air Temp
1 - Clear	8 - Rain	0	North (0 Degrees)	0 - Calm	1 - < 32
2 - scattered	9 - Snow	9	East (90 Degrees)	1 - Light	2 - 33-45
3 - Partly	10 - Sleet	18	South (180 Degrees)	2 - Mod./Light	3 - 46-60
4 - Cloudy		27	West (270 Degrees)	3 - Moderate	4 - 61-75
5 - Mist				4 - Mod./Strong	5 - 76-85
6 - Fog				5 - Strong	6 - > 86
7 - Shower				6 - Gale	

**Indiana Department of Environmental Management
Office of Water Quality-Watershed Assessment and Planning Branch
Surface Water Results Summary**

SiteID: WBU-07-0038 USGS Hydrologic Unit: 051201110702
 Stream Name: Honey Creek County: Vigo
 Description: Eldridge Road Latitude: 39 23 45.14 Longitude: -87 21 4.94
 Drainage: Site Number: 26T-020

SiteID: WBU-07-0038 Sample Date: 11/12/2025 IDEM Sample #: AC46785
 Water Flow Type Run Water Appearance Clear Water Depth Algae?
 Water Flow (cf/sec): Flow Estimated? Aquatic Life? Canopy Closed % 0-20%
 Sample Comments:

Lab ID #:	Result	Reporting Limit	Method
% Sat	115.9 %		ASTM D888-09(C)
DO	14.66 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	2467 umho/cm		SM2510B
Temperature	5.1 °C		SM2550B(2)
Turbidity (Hach)	3.37 NTU		180.1
pH (Field)	8.31 SU		150.2
Air Temp	3 Lookup		Observation
Sky Conditions	1 Lookup		Observation
Wind Direction	27 Lookup		Observation
Wind Strength	1 Lookup		Observation

Lab ID #: 50418139002	Result	Reporting Limit	Method
Alkalinity (as CaCO3)	390 mg/L	10	SM2320B
Chloride	24.5 mg/L	0.25	300.0
Hardness (as CaCO3)	1270 mg/L	20	SM2340B
Solids, Suspended Total, (TSS)	< 2.5 mg/L	2.5	SM2540D
Solids, Total (TS)	2210 mg/L	20	SM2540B
Solids, Total Dissolved (TDS)	2090 mg/L	20	SM2540C
Sulfate	1200 mg/L	25	300.0
COD	10.9 mg/L	10	410.4
Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	1 mg/L	0.1	353.2
Phosphorus, Total	< .05 mg/L	0.05	365.1
TKN	< .5 mg/L	0.5	351.2
TOC	3.5 mg/L	1	SM5310C

**Indiana Department of Environmental Management
Office of Water Quality-Watershed Assessment and Planning Branch
Surface Water Results Summary**

SiteID: WBU-07-0038

Sample Date: 12/10/2025

IDEM Sample #: AC46792

Water Flow Type Run

Water Appearance Clear

Water Depth



Algae?

Water Flow (cf/sec):

Flow Estimated?

Aquatic Life?

Canopy Closed % 0-20%

Sample Comments:

Lab ID #:	Result	Reporting Limit	Method
% Sat	96.9 %		ASTM D888-09(C)
DO	12.86 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	2039 umho/cm		SM2510B
Temperature	3.3 °C		SM2550B(2)
Turbidity (Hach)	6.31 NTU		180.1
pH (Field)	8.24 SU		150.2
Air Temp	2 Lookup		Observation
Sky Conditions	5 Lookup		Observation
Wind Direction	27 Lookup		Observation
Wind Strength	2 Lookup		Observation

Lab ID #: 50420294003	Result	Reporting Limit	Method
Alkalinity (as CaCO3)	294 mg/L	10	SM2320B
Chloride	21.7 mg/L	2.5	300.0
Hardness (as CaCO3)	1110 mg/L	20	SM2340B
Solids, Suspended Total, (TSS)	< 2.5 mg/L	2.5	SM2540D
Solids, Total (TS)	1710 mg/L	20	SM2540B
Solids, Total Dissolved (TDS)	1600 mg/L	20	SM2540C
Sulfate	977 mg/L	25	300.0
COD	15.1 mg/L	10	410.4
Nitrogen, Ammonia	.24 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.96 mg/L	0.1	353.2
Phosphorus, Total	< .2 mg/L	0.2	365.1
TKN	.57 mg/L	0.5	351.2
TOC	7.8 mg/L	1	SM5310C

**Indiana Department of Environmental Management
Office of Water Quality-Watershed Assessment and Planning Branch
Surface Water Results Summary**

SiteID: WBU-07-0038

Sample Date: 1/7/2026

IDEM Sample #: AC46799

Water Flow Type Run

Water Appearance Clear

Water Depth



Algae?

Water Flow (cf/sec):

Flow Estimated?

Aquatic Life?

Canopy Closed % 0-20%

Sample Comments:

Lab ID #:	Result	Reporting Limit	Method
% Sat	95.6 %		ASTM D888-09(C)
DO	12.22 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1797 umho/cm		SM2510B
Temperature	4.7 °C		SM2550B(2)
Turbidity (Hach)	6.02 NTU		180.1
pH (Field)	8.17 SU		150.2
Air Temp	2	Lookup	Observation
Sky Conditions	3	Lookup	Observation
Wind Direction	18	Lookup	Observation
Wind Strength	1	Lookup	Observation

Lab ID #: 50421871003	Result	Reporting Limit	Method
Alkalinity (as CaCO3)	268 mg/L	10	SM2320B
Chloride	21.8 mg/L	2.5	300.0
Hardness (as CaCO3)	928 mg/L	20	SM2340B
Solids, Suspended Total, (TSS)	< 2.5 mg/L	2.5	SM2540D
Solids, Total (TS)	1480 mg/L	20	SM2540B
Solids, Total Dissolved (TDS)	1370 mg/L	20	SM2540C
Sulfate	707 mg/L	25	300.0
COD	11.4 mg/L	10	410.4
Nitrogen, Ammonia	.12 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	1.1 mg/L	0.1	353.2
Phosphorus, Total	< .2 mg/L	0.2	365.1
TKN	.63 mg/L	0.5	351.2
TOC	9.4 mg/L	4	SM5310C

**Indiana Department of Environmental Management
Office of Water Quality-Watershed Assessment and Planning Branch
Surface Water Results Summary**

Weather Code Definitions					
SC Sky Conditions		WD Wind Direction		WS Wind Strength	AT Air Temp
1 - Clear	8 - Rain	0	North (0 Degrees)	0 - Calm	1 - < 32
2 - scattered	9 - Snow	9	East (90 Degrees)	1 - Light	2 - 33-45
3 - Partly	10 - Sleet	18	South (180 Degrees)	2 - Mod./Light	3 - 46-60
4 - Cloudy		27	West (270 Degrees)	3 - Moderate	4 - 61-75
5 - Mist				4 - Mod./Strong	5 - 76-85
6 - Fog				5 - Strong	6 - > 86
7 - Shower				6 - Gale	