

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: 92.15 **Site Number:** 26T-001

SiteID: WBU-07-0021 **Sample Date:** 5/4/2026 **IDEM Sample #:** AC47559
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	89.2 %		ASTM D888-09(C)
DO	9.09 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	878 umho/cm		SM2510B
Temperature	14.4 °C		SM2550B(2)
Turbidity (Hach)	7.79 NTU		180.1
pH (Field)	8.12 SU		150.2
Air Temp	4 Lookup		Observation
Sky Conditions	4 Lookup		Observation
Wind Direction	18 Lookup		Observation
Wind Strength	0 Lookup		Observation

Lab ID #: 50430426001	Result	Reporting Limit	Method
Alkalinity (as CaCO3)	178 mg/L	10	SM2320B
Chloride	29.1 mg/L	2.5	300.0
Hardness (as CaCO3)	389 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	7.2 mg/L	2.5	SM2540D
Solids, Total (TS)	603 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	560 mg/L	10	SM2540C
Sulfate	261 mg/L	2.5	300.0
COD	17.9 mg/L	10	410.4
Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.72 mg/L	0.1	353.2
Phosphorus, Total	.076 mg/L	0.05	365.1
TKN	.5 mg/L	0.5	351.2
TOC	4.7 mg/L	1	SM5310C

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Lab ID #: AC47559		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli		129.6	MPN/100mL	1	SM9223B

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Surface Water Results Summary

SiteID: WBU-07-0021

Sample Date: 6/8/2026

IDEM Sample #: AC47579

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	81.2 %		ASTM D888-09(C)
	DO	6.78 mg/L		ASTM D888-09(C)
	Specific Conductance (Field)	1303 umho/cm		SM2510B
	Temperature	24.2 °C		SM2550B(2)
	Turbidity (Hach)	4.74 NTU		180.1
	pH (Field)	8.16 SU		150.2
	Air Temp	5	Lookup	Observation
	Sky Conditions	4	Lookup	Observation
	Wind Direction	18	Lookup	Observation
	Wind Strength	0	Lookup	Observation
Lab ID #: 50433622001	Result		Reporting Limit	Method
	Alkalinity (as CaCO3)	229 mg/L	10	SM2320B
	Chloride	31.5 mg/L	2.5	300.0
	Hardness (as CaCO3)	618 mg/L	10	SM2340B
	Solids, Suspended Total, (TSS)	2.6 mg/L	2.5	SM2540D
	Solids, Total (TS)	987 mg/L	10	SM2540B
	Solids, Total Dissolved (TDS)	889 mg/L	10	SM2540C
	Sulfate	451 mg/L	25	300.0
	COD	< 10 mg/L	10	410.4
	Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
	Nitrogen, Nitrate+Nitrite	.55 mg/L	0.1	353.2
	Phosphorus, Total	.066 mg/L	0.05	365.1
	TKN	.52 mg/L	0.5	351.2
	TOC	3.9 mg/L	1	SM5310C
Lab ID #: AC47579	Result		Reporting Limit	Method
	Coliforms (Total)	> 2419.6 MPN/100mL	2419.6	SM9223B
	E. coli	866.4 MPN/100mL	1	SM9223B

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Surface Water Results Summary

SiteID: WBU-07-0021

Sample Date: 6/15/2026

IDEM Sample #: AC47599

Water Flow Type Run

Water Appearance Brown

Water Depth



Algae?

Water Flow (cf/sec):

☐ Flow Estimated?

☐ Aquatic Life?

Canopy Closed % 0-20%

Sample Comments:

Lab ID #:	Result		Reporting Limit	Method
% Sat	83.9	%		ASTM D888-09(C)
DO	7.46	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	813	umho/cm		SM2510B
Temperature	21	°C		SM2550B(2)
Turbidity (Hach)	11.4	NTU		180.1
pH (Field)	7.99	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47599	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	436	MPN/100mL	1	SM9223B

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Surface Water Results Summary

SiteID: WBU-07-0021

Sample Date: 6/22/2026

IDEM Sample #: AC47619

Water Flow Type Flood

Water Appearance Brown

Water Depth



Algae?

Water Flow (cf/sec):

☐ Flow Estimated?

☐ Aquatic Life?

Canopy Closed % 0-20%

Sample Comments:

Lab ID #:	Result		Reporting Limit	Method
% Sat	78.1	%		ASTM D888-09(C)
DO	6.92	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	252	umho/cm		SM2510B
Temperature	21.3	°C		SM2550B(2)
Turbidity (Hach)	259	NTU		180.1
pH (Field)	7.61	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	5	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	2	Lookup		Observation
Lab ID #: AC47619b	Result		Reporting Limit	Method
Coliforms (Total)	241960	MPN/100mL	100	SM9223B
E. coli	8860	MPN/100mL	100	SM9223B

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Surface Water Results Summary

SiteID: WBU-07-0021

Sample Date: 6/29/2026

IDEM Sample #: AC47639

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	88.7	%		ASTM D888-09(C)
DO	7.48	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	744	umho/cm		SM2510B
Temperature	23.8	°C		SM2550B(2)
Turbidity (Hach)	15.2	NTU		180.1
pH (Field)	7.87	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47639	Result		Reporting Limit	Method
E. coli	461.1	MPN/100mL	1	SM9223B
Lab ID #: AC47639b	Result		Reporting Limit	Method
Coliforms (Total)	14210	MPN/100mL	100	SM9223B

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Surface Water Results Summary

SiteID: WBU-07-0021

Sample Date: 7/6/2026

IDEM Sample #: AC47659

Water Flow Type Run

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	83.6 %		ASTM D888-09(C)
	DO	6.86 mg/L		ASTM D888-09(C)
	Specific Conductance (Field)	515 umho/cm		SM2510B
	Temperature	25.3 °C		SM2550B(2)
	Turbidity (Hach)	38.7 NTU		180.1
	pH (Field)	7.8 SU		150.2
	Air Temp	5	Lookup	Observation
	Sky Conditions	4	Lookup	Observation
	Wind Direction	0	Lookup	Observation
	Wind Strength	0	Lookup	Observation
Lab ID #: 50435776001	Result		Reporting Limit	Method
	Alkalinity (as CaCO3)	121 mg/L	10	SM2320B
	Chloride	20.2 mg/L	0.25	300.0
	Hardness (as CaCO3)	221 mg/L	10	SM2340B
	Solids, Suspended Total, (TSS)	47.5 mg/L	6.2	SM2540D
	Solids, Total (TS)	341 mg/L	10	SM2540B
	Solids, Total Dissolved (TDS)	294 mg/L	10	SM2540C
	Sulfate	115 mg/L	2.5	300.0
	COD	20.1 mg/L	10	410.4
	Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
	Nitrogen, Nitrate+Nitrite	.37 mg/L	0.1	353.2
	Phosphorus, Total	.12 mg/L	0.05	365.1
	TKN	.79 mg/L	0.5	351.2
	TOC	5.5 mg/L	1	SM5310C
Lab ID #: AC47659	Result		Reporting Limit	Method
	Coliforms (Total)	> 2419.6 MPN/100mL	2419.6	SM9223B
	E. coli	1553.1 MPN/100mL	1	SM9223B

**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

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Surface Water Results Summary

SiteID: WBU-07-0022 **USGS Hydrologic Unit:** 051201110704
Stream Name: Honey Creek **County:** Vigo
Description: Rigney Drive **Latitude:** 39 23 50.52 **Longitude:** -87 26 53.38
Drainage: 86.7 **Site Number:** 26T-002

SiteID: WBU-07-0022 **Sample Date:** 5/4/2026 **IDEM Sample #:** AC47569
Water Flow Type: Run **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	88.4 %		ASTM D888-09(C)
DO	9.01 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	917 umho/cm		SM2510B
Temperature	14.4 °C		SM2550B(2)
Turbidity (Hach)	7.81 NTU		180.1
pH (Field)	8.07 SU		150.2
Air Temp	4 Lookup		Observation
Sky Conditions	8 Lookup		Observation
Wind Direction	0 Lookup		Observation
Wind Strength	2 Lookup		Observation
Lab ID #: 50430426002	Result	Reporting Limit	Method

Alkalinity (as CaCO3)	179 mg/L	10	SM2320B
Chloride	29.9 mg/L	2.5	300.0
Hardness (as CaCO3)	407 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	5.7 mg/L	2.5	SM2540D
Solids, Total (TS)	607 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	594 mg/L	10	SM2540C
Sulfate	281 mg/L	2.5	300.0
COD	17.6 mg/L	10	410.4
Nitrogen, Ammonia	.1 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.71 mg/L	0.1	353.2
Phosphorus, Total	.067 mg/L	0.05	365.1
TKN	< .5 mg/L	0.5	351.2
TOC	4.8 mg/L	1	SM5310C

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Lab ID #: AC47569		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli		98.7	MPN/100mL	1	SM9223B

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Surface Water Results Summary

SiteID: WBU-07-0022

Sample Date: 6/8/2026

IDEM Sample #: AC47589

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	84.1 %		ASTM D888-09(C)
	DO	7.02 mg/L		ASTM D888-09(C)
	Specific Conductance (Field)	1388 umho/cm		SM2510B
	Temperature	24.6 °C		SM2550B(2)
	Turbidity (Hach)	6.4 NTU		180.1
	pH (Field)	8.17 SU		150.2
	Air Temp	5	Lookup	Observation
	Sky Conditions	3	Lookup	Observation
	Wind Direction	18	Lookup	Observation
	Wind Strength	0	Lookup	Observation
Lab ID #: 50433622002	Result		Reporting Limit	Method
	Alkalinity (as CaCO3)	227 mg/L	10	SM2320B
	Chloride	31.1 mg/L	2.5	300.0
	Hardness (as CaCO3)	658 mg/L	10	SM2340B
	Solids, Suspended Total, (TSS)	5.4 mg/L	2.5	SM2540D
	Solids, Total (TS)	1070 mg/L	10	SM2540B
	Solids, Total Dissolved (TDS)	1000 mg/L	10	SM2540C
	Sulfate	515 mg/L	25	300.0
	COD	12.6 mg/L	10	410.4
	Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
	Nitrogen, Nitrate+Nitrite	.4 mg/L	0.1	353.2
	Phosphorus, Total	.066 mg/L	0.05	365.1
	TKN	.51 mg/L	0.5	351.2
	TOC	4.1 mg/L	1	SM5310C
Lab ID #: AC47589	Result		Reporting Limit	Method
	Coliforms (Total)	> 2419.6 MPN/100mL	2419.6	SM9223B
	E. coli	648.8 MPN/100mL	1	SM9223B

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Surface Water Results Summary

SiteID: WBU-07-0022

Sample Date: 6/15/2026

IDEM Sample #: AC47609

Water Flow Type Run

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	87.1	%		ASTM D888-09(C)
DO	7.72	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	846	umho/cm		SM2510B
Temperature	21.2	°C		SM2550B(2)
Turbidity (Hach)	12.4	NTU		180.1
pH (Field)	7.99	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47609	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	290.9	MPN/100mL	1	SM9223B

Indiana Department of Environmental Management
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Surface Water Results Summary

SiteID: WBU-07-0022

Sample Date: 6/22/2026

IDEM Sample #: AC47629

Water Flow Type Flood

Water Appearance Brown

Water Depth



Algae?

Water Flow (cf/sec):

☐ Flow Estimated?

☐ Aquatic Life?

Canopy Closed % 0-20%

Sample Comments:

Lab ID #:	Result		Reporting Limit	Method
% Sat	76	%		ASTM D888-09(C)
DO	6.72	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	335.4	umho/cm		SM2510B
Temperature	21.4	°C		SM2550B(2)
Turbidity (Hach)	158	NTU		180.1
pH (Field)	7.55	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	4	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	2	Lookup		Observation
Lab ID #: AC47629b	Result		Reporting Limit	Method
Coliforms (Total)	241960	MPN/100mL	100	SM9223B
E. coli	6770	MPN/100mL	100	SM9223B

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Surface Water Results Summary

SiteID: WBU-07-0022

Sample Date: 6/29/2026

IDEM Sample #: AC47649

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	88.3	%		ASTM D888-09(C)
DO	7.43	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	792	umho/cm		SM2510B
Temperature	23.9	°C		SM2550B(2)
Turbidity (Hach)	14.1	NTU		180.1
pH (Field)	7.95	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47649	Result		Reporting Limit	Method
E. coli	387.3	MPN/100mL	1	SM9223B
Lab ID #: AC47649b	Result		Reporting Limit	Method
Coliforms (Total)	9330	MPN/100mL	100	SM9223B

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Surface Water Results Summary

SiteID: WBU-07-0022

Sample Date: 7/6/2026

IDEM Sample #: AC47669

Water Flow Type Run

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	84.6	%		ASTM D888-09(C)
DO	6.94	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	567	umho/cm		SM2510B
Temperature	25.3	°C		SM2550B(2)
Turbidity (Hach)	34.7	NTU		180.1
pH (Field)	7.86	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	4	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: 50435776002	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	124	mg/L	10	SM2320B
Chloride	20.2	mg/L	0.25	300.0
Hardness (as CaCO3)	248	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	42.3	mg/L	5.8	SM2540D
Solids, Total (TS)	380	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	323	mg/L	10	SM2540C
Sulfate	131	mg/L	2.5	300.0
COD	19.8	mg/L	10	410.4
Nitrogen, Ammonia	< .1	mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.36	mg/L	0.1	353.2
Phosphorus, Total	.11	mg/L	0.05	365.1
TKN	.93	mg/L	0.5	351.2
TOC	5.4	mg/L	1	SM5310C
Lab ID #: AC47669	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	1119.9	MPN/100mL	1	SM9223B

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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	

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Surface Water Results Summary

SiteID: WBU-07-0023 **USGS Hydrologic Unit:** 051201110704
Stream Name: Honey Creek **County:** Vigo
Description: 1st Street **Latitude:** 39 23 43.33 **Longitude:** -87 24 57.77
Drainage: 64.7 **Site Number:** 26T-006

SiteID: WBU-07-0023 **Sample Date:** 5/4/2026 **IDEM Sample #:** AC47572
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	87.3 %		ASTM D888-09(C)
DO	8.94 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	999 umho/cm		SM2510B
Temperature	14.2 °C		SM2550B(2)
Turbidity (Hach)	7.98 NTU		180.1
pH (Field)	7.98 SU		150.2
Air Temp	4 Lookup		Observation
Sky Conditions	8 Lookup		Observation
Wind Direction	0 Lookup		Observation
Wind Strength	1 Lookup		Observation
Lab ID #: 50430426005	Result	Reporting Limit	Method

Alkalinity (as CaCO3)	185 mg/L	10	SM2320B
Chloride	28.5 mg/L	2.5	300.0
Hardness (as CaCO3)	454 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	5.7 mg/L	2.5	SM2540D
Solids, Total (TS)	727 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	655 mg/L	10	SM2540C
Sulfate	331 mg/L	2.5	300.0
COD	16.3 mg/L	10	410.4
Nitrogen, Ammonia	.13 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.74 mg/L	0.1	353.2
Phosphorus, Total	.053 mg/L	0.05	365.1
TKN	.5 mg/L	0.5	351.2
TOC	4.5 mg/L	1	SM5310C

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Surface Water Results Summary**

Lab ID #: AC47572		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli		91	MPN/100mL	1	SM9223B

Indiana Department of Environmental Management
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Surface Water Results Summary

SiteID: WBU-07-0023

Sample Date: 6/8/2026

IDEM Sample #: AC47592

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	89.4	%		ASTM D888-09(C)
DO	7.42	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1424	umho/cm		SM2510B
Temperature	24.5	°C		SM2550B(2)
Turbidity (Hach)	5.7	NTU		180.1
pH (Field)	8.09	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	4	Lookup		Observation
Wind Direction	18	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: 50433622005	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	233	mg/L	10	SM2320B
Chloride	27.8	mg/L	2.5	300.0
Hardness (as CaCO3)	668	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	4.6	mg/L	2.5	SM2540D
Solids, Total (TS)	1100	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	1030	mg/L	10	SM2540C
Sulfate	528	mg/L	25	300.0
COD	12.6	mg/L	10	410.4
Nitrogen, Ammonia	< .1	mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.5	mg/L	0.1	353.2
Phosphorus, Total	.057	mg/L	0.05	365.1
TKN	.52	mg/L	0.5	351.2
TOC	4.1	mg/L	1	SM5310C
Lab ID #: AC47592	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	178.5	MPN/100mL	1	SM9223B

Indiana Department of Environmental Management

Office of Water Quality-Watershed Assessment and Planning Branch

Surface Water Results Summary

SiteID: WBU-07-0023

Sample Date: 6/15/2026

IDEM Sample #: AC47612

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	85.8	%		ASTM D888-09(C)
DO	7.64	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	904	umho/cm		SM2510B
Temperature	21	°C		SM2550B(2)
Turbidity (Hach)	12	NTU		180.1
pH (Field)	7.92	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	2	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47612	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	387.3	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0023

Sample Date: 6/22/2026

IDEM Sample #: AC47632

Water Flow Type Flood

Water Appearance Brown

Water Depth



Algae?

Water Flow (cf/sec):

☐ Flow Estimated?

☐ Aquatic Life?

Canopy Closed % 0-20%

Sample Comments:

Lab ID #:	Result		Reporting Limit	Method
% Sat	79.8	%		ASTM D888-09(C)
DO	7.05	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	402.3	umho/cm		SM2510B
Temperature	21.4	°C		SM2550B(2)
Turbidity (Hach)	128	NTU		180.1
pH (Field)	7.39	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	4	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	1	Lookup		Observation
Lab ID #: AC47632b	Result		Reporting Limit	Method
Coliforms (Total)	241960	MPN/100mL	100	SM9223B
E. coli	3730	MPN/100mL	100	SM9223B

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

SiteID: WBU-07-0023

Sample Date: 6/29/2026

IDEM Sample #: AC47652

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	86.5	%		ASTM D888-09(C)
DO	7.31	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	838	umho/cm		SM2510B
Temperature	23.9	°C		SM2550B(2)
Turbidity (Hach)	14.6	NTU		180.1
pH (Field)	7.8	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	2	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47652	Result		Reporting Limit	Method
E. coli	285.1	MPN/100mL	1	SM9223B
Lab ID #: AC47652b	Result		Reporting Limit	Method
Coliforms (Total)	9590	MPN/100mL	100	SM9223B

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

SiteID: WBU-07-0023

Sample Date: 7/6/2026

IDEM Sample #: AC47672

Water Flow Type Run

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	85.1	%		ASTM D888-09(C)
DO	7.01	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	642	umho/cm		SM2510B
Temperature	25.1	°C		SM2550B(2)
Turbidity (Hach)	28.5	NTU		180.1
pH (Field)	7.83	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	4	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: 50435776005	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	138	mg/L	10	SM2320B
Chloride	21.3	mg/L	0.25	300.0
Hardness (as CaCO3)	287	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	36.6	mg/L	5	SM2540D
Solids, Total (TS)	445	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	382	mg/L	10	SM2540C
Sulfate	175	mg/L	2.5	300.0
COD	21.1	mg/L	10	410.4
Nitrogen, Ammonia	< .1	mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.4	mg/L	0.1	353.2
Phosphorus, Total	.1	mg/L	0.05	365.1
TKN	.8	mg/L	0.5	351.2
TOC	5.4	mg/L	1	SM5310C
Lab ID #: AC47672	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	1203.3	MPN/100mL	1	SM9223B

**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-07-0025 **USGS Hydrologic Unit:** 051201110704
Stream Name: Honey Creek **County:** Vigo
Description: Allendale Lane **Latitude:** 39 23 46.14 **Longitude:** -87 23 36.25
Drainage: 63.7 **Site Number:** 26T-007

SiteID: WBU-07-0025 **Sample Date:** 5/4/2026 **IDEM Sample #:** AC47573
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	87.6 %		ASTM D888-09(C)
DO	8.97 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1007 umho/cm		SM2510B
Temperature	14.1 °C		SM2550B(2)
Turbidity (Hach)	12.5 NTU		180.1
pH (Field)	7.94 SU		150.2
Air Temp	4 Lookup		Observation
Sky Conditions	8 Lookup		Observation
Wind Direction	0 Lookup		Observation
Wind Strength	2 Lookup		Observation
Lab ID #: 50430426006	Result	Reporting Limit	Method

Alkalinity (as CaCO3)	185 mg/L	10	SM2320B
Chloride	27.5 mg/L	2.5	300.0
Hardness (as CaCO3)	465 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	13 mg/L	2.5	SM2540D
Solids, Total (TS)	726 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	673 mg/L	10	SM2540C
Sulfate	334 mg/L	2.5	300.0
COD	16.6 mg/L	10	410.4
Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.77 mg/L	0.1	353.2
Phosphorus, Total	.052 mg/L	0.05	365.1
TKN	< .5 mg/L	0.5	351.2
TOC	4.5 mg/L	1	SM5310C

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

Lab ID #: AC47573		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli		111.2	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0025

Sample Date: 6/8/2026

IDEM Sample #: AC47593

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	77.9	%		ASTM D888-09(C)
DO	6.5	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1476	umho/cm		SM2510B
Temperature	24.1	°C		SM2550B(2)
Turbidity (Hach)	8.22	NTU		180.1
pH (Field)	7.99	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	4	Lookup		Observation
Wind Direction	18	Lookup		Observation
Wind Strength	2	Lookup		Observation
Lab ID #: 50433622006	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	238	mg/L	10	SM2320B
Chloride	25.9	mg/L	2.5	300.0
Hardness (as CaCO3)	716	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	10.8	mg/L	2.5	SM2540D
Solids, Total (TS)	1140	mg/L	20	SM2540B
Solids, Total Dissolved (TDS)	1040	mg/L	20	SM2540C
Sulfate	563	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	.56	mg/L	0.1	353.2
Phosphorus, Total	.062	mg/L	0.05	365.1
TKN	.52	mg/L	0.5	351.2
TOC	4	mg/L	1	SM5310C
Lab ID #: AC47593	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	272.3	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0025

Sample Date: 6/15/2026

IDEM Sample #: AC47613

Water Flow Type Run

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	86.5	%		ASTM D888-09(C)
DO	7.68	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	894	umho/cm		SM2510B
Temperature	21	°C		SM2550B(2)
Turbidity (Hach)	16.2	NTU		180.1
pH (Field)	7.92	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	2	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47613	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	298.7	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0025

Sample Date: 6/22/2026

IDEM Sample #: AC47633

Water Flow Type Flood

Water Appearance Brown

Water Depth



Algae?

Water Flow (cf/sec):

☐ Flow Estimated?

☐ Aquatic Life?

Canopy Closed % 0-20%

Sample Comments:

Lab ID #:	Result		Reporting Limit	Method
% Sat	85.5	%		ASTM D888-09(C)
DO	7.62	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	432.3	umho/cm		SM2510B
Temperature	21	°C		SM2550B(2)
Turbidity (Hach)	126	NTU		180.1
pH (Field)	7.72	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	4	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	2	Lookup		Observation
Lab ID #: AC47633b	Result		Reporting Limit	Method
Coliforms (Total)	155310	MPN/100mL	100	SM9223B
E. coli	3550	MPN/100mL	100	SM9223B

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

SiteID: WBU-07-0025

Sample Date: 6/29/2026

IDEM Sample #: AC47653

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	83.9	%		ASTM D888-09(C)
DO	7.08	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	850	umho/cm		SM2510B
Temperature	23.8	°C		SM2550B(2)
Turbidity (Hach)	12.8	NTU		180.1
pH (Field)	7.91	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47653	Result		Reporting Limit	Method
E. coli	185	MPN/100mL	1	SM9223B
Lab ID #: AC47653b	Result		Reporting Limit	Method
Coliforms (Total)	11120	MPN/100mL	100	SM9223B

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

SiteID: WBU-07-0025

Sample Date: 7/6/2026

IDEM Sample #: AC47673

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	85.1 %		ASTM D888-09(C)
	DO	7 mg/L		ASTM D888-09(C)
	Specific Conductance (Field)	662 umho/cm		SM2510B
	Temperature	25.1 °C		SM2550B(2)
	Turbidity (Hach)	24.4 NTU		180.1
	pH (Field)	7.76 SU		150.2
	Air Temp	5	Lookup	Observation
	Sky Conditions	4	Lookup	Observation
	Wind Direction	0	Lookup	Observation
	Wind Strength	0	Lookup	Observation
Lab ID #: 50435776006	Result		Reporting Limit	Method
	Alkalinity (as CaCO3)	138 mg/L	10	SM2320B
	Chloride	21.5 mg/L	0.25	300.0
	Hardness (as CaCO3)	293 mg/L	10	SM2340B
	Solids, Suspended Total, (TSS)	32.8 mg/L	5	SM2540D
	Solids, Total (TS)	464 mg/L	10	SM2540B
	Solids, Total Dissolved (TDS)	411 mg/L	10	SM2540C
	Sulfate	181 mg/L	2.5	300.0
	COD	18.8 mg/L	10	410.4
	Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
	Nitrogen, Nitrate+Nitrite	.41 mg/L	0.1	353.2
	Phosphorus, Total	.097 mg/L	0.05	365.1
	TKN	.7 mg/L	0.5	351.2
	TOC	5.3 mg/L	1	SM5310C
Lab ID #: AC47673	Result		Reporting Limit	Method
	Coliforms (Total)	> 2419.6 MPN/100mL	2419.6	SM9223B
	E. coli	727 MPN/100mL	1	SM9223B

**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 USGS Hydrologic Unit: 051201110703
Stream Name: Prairie Creek County: Vigo
Description: Highway 641 Latitude: 39 23 26.46 Longitude: -87 22 19.72
Drainage: 61.8 Site Number: 26T-008

SiteID: WBU-07-0026 Sample Date: 5/4/2026 IDEM Sample #: AC47574
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	87.8 %		ASTM D888-09(C)
DO	8.75 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	672 umho/cm		SM2510B
Temperature	15.4 °C		SM2550B(2)
Turbidity (Hach)	9.32 NTU		180.1
pH (Field)	7.89 SU		150.2
Air Temp	4 Lookup		Observation
Sky Conditions	3 Lookup		Observation
Wind Direction	0 Lookup		Observation
Wind Strength	1 Lookup		Observation
Lab ID #: 50430426007	Result	Reporting Limit	Method

Alkalinity (as CaCO3)	141 mg/L	10	SM2320B
Chloride	36.3 mg/L	2.5	300.0
Hardness (as CaCO3)	278 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	8.3 mg/L	2.5	SM2540D
Solids, Total (TS)	422 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	391 mg/L	10	SM2540C
Sulfate	144 mg/L	2.5	300.0
COD	17.6 mg/L	10	410.4
Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.21 mg/L	0.1	353.2
Phosphorus, Total	.063 mg/L	0.05	365.1
TKN	.5 mg/L	0.5	351.2
TOC	4.9 mg/L	1	SM5310C

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

Lab ID #: AC47574		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli		1413.6	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0026

Sample Date: 6/8/2026

IDEM Sample #: AC47594

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	88.8 %		ASTM D888-09(C)
	DO	7.43 mg/L		ASTM D888-09(C)
	Specific Conductance (Field)	918 umho/cm		SM2510B
	Temperature	24.1 °C		SM2550B(2)
	Turbidity (Hach)	5.74 NTU		180.1
	pH (Field)	7.93 SU		150.2
	Air Temp	4	Lookup	Observation
	Sky Conditions	4	Lookup	Observation
	Wind Direction	18	Lookup	Observation
	Wind Strength	2	Lookup	Observation
Lab ID #: 50433622007	Result		Reporting Limit	Method
	Alkalinity (as CaCO3)	170 mg/L	10	SM2320B
	Chloride	70.4 mg/L	2.5	300.0
	Hardness (as CaCO3)	364 mg/L	10	SM2340B
	Solids, Suspended Total, (TSS)	3.3 mg/L	2.5	SM2540D
	Solids, Total (TS)	594 mg/L	10	SM2540B
	Solids, Total Dissolved (TDS)	564 mg/L	10	SM2540C
	Sulfate	211 mg/L	2.5	300.0
	COD	16.1 mg/L	10	410.4
	Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
	Nitrogen, Nitrate+Nitrite	.27 mg/L	0.1	353.2
	Phosphorus, Total	.079 mg/L	0.05	365.1
	TKN	.53 mg/L	0.5	351.2
	TOC	4.6 mg/L	1	SM5310C
Lab ID #: AC47594	Result		Reporting Limit	Method
	Coliforms (Total)	> 2419.6 MPN/100mL	2419.6	SM9223B
	E. coli	101.2 MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0026

Sample Date: 6/15/2026

IDEM Sample #: AC47614

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	88.8	%		ASTM D888-09(C)
DO	7.71	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	658	umho/cm		SM2510B
Temperature	22.2	°C		SM2550B(2)
Turbidity (Hach)	10.8	NTU		180.1
pH (Field)	7.88	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47614	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	151.5	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0026

Sample Date: 6/22/2026

IDEM Sample #: AC47634

Water Flow Type Flood

Water Appearance Brown

Water Depth



Algae?

Water Flow (cf/sec):

☐ Flow Estimated?

☐ Aquatic Life?

Canopy Closed % 0-20%

Sample Comments:

Lab ID #:	Result		Reporting Limit	Method
% Sat	85.7	%		ASTM D888-09(C)
DO	7.46	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	419.8	umho/cm		SM2510B
Temperature	22.2	°C		SM2550B(2)
Turbidity (Hach)	66.3	NTU		180.1
pH (Field)	7.68	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	4	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47634	Result		Reporting Limit	Method
E. coli	1732.9	MPN/100mL	1	SM9223B
Lab ID #: AC47634b	Result		Reporting Limit	Method
Coliforms (Total)	77010	MPN/100mL	100	SM9223B

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

SiteID: WBU-07-0026

Sample Date: 6/29/2026

IDEM Sample #: AC47654

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	86.2	%		ASTM D888-09(C)
DO	7.11	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	586	umho/cm		SM2510B
Temperature	25	°C		SM2550B(2)
Turbidity (Hach)	12.5	NTU		180.1
pH (Field)	7.72	SU		150.2
Air Temp	6	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47654	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	167	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0026

Sample Date: 7/6/2026

IDEM Sample #: AC47674

Water Flow Type Run

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	83.4	%		ASTM D888-09(C)
DO	6.72	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	430.2	umho/cm		SM2510B
Temperature	26.3	°C		SM2550B(2)
Turbidity (Hach)	35.7	NTU		180.1
pH (Field)	7.78	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	4	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: 50435776007	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	104	mg/L	10	SM2320B
Chloride	21.1	mg/L	2.5	300.0
Hardness (as CaCO3)	176	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	46	mg/L	5	SM2540D
Solids, Total (TS)	290	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	227	mg/L	10	SM2540C
Sulfate	74.4	mg/L	2.5	300.0
COD	20.1	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	.1	mg/L	0.1	365.1
TKN	.63	mg/L	0.5	351.2
TOC	5.3	mg/L	1	SM5310C
Lab ID #: AC47674	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	866.4	MPN/100mL	1	SM9223B

**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-07-0027 **USGS Hydrologic Unit:** 051201110703
Stream Name: Tributary of Prairie Creek **County:** Vigo
Description: McDaniel Road **Latitude:** 39 22 27.88 **Longitude:** -87 21 35.99
Drainage: 4.585 **Site Number:** 26T-009

SiteID: WBU-07-0027 **Sample Date:** 5/4/2026 **IDEM Sample #:** AC47575
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	84.4 %		ASTM D888-09(C)
DO	8.18 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	620 umho/cm		SM2510B
Temperature	16.8 °C		SM2550B(2)
Turbidity (Hach)	7.61 NTU		180.1
pH (Field)	7.79 SU		150.2
Air Temp	4 Lookup		Observation
Sky Conditions	2 Lookup		Observation
Wind Direction	0 Lookup		Observation
Wind Strength	0 Lookup		Observation
Lab ID #: 50430426008	Result	Reporting Limit	Method

Alkalinity (as CaCO3)	130 mg/L	10	SM2320B
Chloride	19.4 mg/L	2.5	300.0
Hardness (as CaCO3)	279 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	7 mg/L	2.5	SM2540D
Solids, Total (TS)	421 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	377 mg/L	10	SM2540C
Sulfate	155 mg/L	2.5	300.0
COD	20.2 mg/L	10	410.4
Nitrogen, Ammonia	.2 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.54 mg/L	0.1	353.2
Phosphorus, Total	.075 mg/L	0.05	365.1
TKN	.72 mg/L	0.5	351.2
TOC	5.8 mg/L	1	SM5310C

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

Lab ID #: AC47575		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli		1119.9	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0027

Sample Date: 6/8/2026

IDEM Sample #: AC47595

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	60.3	%		ASTM D888-09(C)
DO	4.92	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	625	umho/cm		SM2510B
Temperature	25.2	°C		SM2550B(2)
Turbidity (Hach)	5	NTU		180.1
pH (Field)	7.59	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	4	Lookup		Observation
Wind Direction	18	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: 50433622008	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	126	mg/L	10	SM2320B
Chloride	23	mg/L	0.25	300.0
Hardness (as CaCO3)	292	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	5.2	mg/L	2.6	SM2540D
Solids, Total (TS)	421	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	371	mg/L	10	SM2540C
Sulfate	163	mg/L	2.5	300.0
COD	15.1	mg/L	10	410.4
Nitrogen, Ammonia	.13	mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.52	mg/L	0.1	353.2
Phosphorus, Total	.17	mg/L	0.05	365.1
TKN	.75	mg/L	0.5	351.2
TOC	5.8	mg/L	1	SM5310C
Lab ID #: AC47595	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	78	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0027

Sample Date: 6/15/2026

IDEM Sample #: AC47615

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	67.1	%		ASTM D888-09(C)
DO	5.62	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	596	umho/cm		SM2510B
Temperature	24.3	°C		SM2550B(2)
Turbidity (Hach)	6.85	NTU		180.1
pH (Field)	7.54	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47615	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	28.8	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0027

Sample Date: 6/22/2026

IDEM Sample #: AC47635

Water Flow Type Flood

Water Appearance Brown

Water Depth



Algae?

Water Flow (cf/sec):



Flow Estimated?



Aquatic Life?

Canopy Closed % 0-20%

Sample Comments:

Lab ID #:	Result		Reporting Limit	Method
% Sat	79.5	%		ASTM D888-09(C)
DO	6.86	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	415.7	umho/cm		SM2510B
Temperature	22.6	°C		SM2550B(2)
Turbidity (Hach)	55.3	NTU		180.1
pH (Field)	7.52	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	4	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47635b	Result		Reporting Limit	Method
Coliforms (Total)	72700	MPN/100mL	100	SM9223B
E. coli	1560	MPN/100mL	100	SM9223B

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

SiteID: WBU-07-0027

Sample Date: 6/29/2026

IDEM Sample #: AC47655

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	78.2	%		ASTM D888-09(C)
DO	6.38	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	498.1	umho/cm		SM2510B
Temperature	25.6	°C		SM2550B(2)
Turbidity (Hach)	12	NTU		180.1
pH (Field)	7.65	SU		150.2
Air Temp	6	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47655	Result		Reporting Limit	Method
E. coli	57.6	MPN/100mL	1	SM9223B
Lab ID #: AC47655b	Result		Reporting Limit	Method
Coliforms (Total)	9080	MPN/100mL	100	SM9223B

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

SiteID: WBU-07-0027

Sample Date: 7/6/2026

IDEM Sample #: AC47675

Water Flow Type Run

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	69.8 %		ASTM D888-09(C)
	DO	5.58 mg/L		ASTM D888-09(C)
	Specific Conductance (Field)	392.4 umho/cm		SM2510B
	Temperature	26.7 °C		SM2550B(2)
	Turbidity (Hach)	21.2 NTU		180.1
	pH (Field)	7.41 SU		150.2
	Air Temp	5	Lookup	Observation
	Sky Conditions	4	Lookup	Observation
	Wind Direction	0	Lookup	Observation
	Wind Strength	0	Lookup	Observation
Lab ID #: 50435776008	Result		Reporting Limit	Method
	Alkalinity (as CaCO3)	88.5 mg/L	10	SM2320B
	Chloride	12.1 mg/L	0.25	300.0
	Hardness (as CaCO3)	165 mg/L	10	SM2340B
	Solids, Suspended Total, (TSS)	20 mg/L	3.3	SM2540D
	Solids, Total (TS)	235 mg/L	10	SM2540B
	Solids, Total Dissolved (TDS)	220 mg/L	10	SM2540C
	Sulfate	86.6 mg/L	2.5	300.0
	COD	17.2 mg/L	10	410.4
	Nitrogen, Ammonia	.11 mg/L	0.1	350.1
	Nitrogen, Nitrate+Nitrite	.19 mg/L	0.1	353.2
	Phosphorus, Total	.12 mg/L	0.05	365.1
	TKN	.7 mg/L	0.5	351.2
	TOC	5.8 mg/L	1	SM5310C
Lab ID #: AC47675	Result		Reporting Limit	Method
	Coliforms (Total)	> 2419.6 MPN/100mL	2419.6	SM9223B
	E. coli	193.5 MPN/100mL	1	SM9223B

**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-07-0028 **USGS Hydrologic Unit:** 051201110703
Stream Name: Tributary of Prairie Creek **County:** Vigo
Description: Dallas Drive **Latitude:** 39 21 42.66 **Longitude:** -87 21 15.06
Drainage: 6.25 **Site Number:** 26T-010

SiteID: WBU-07-0028 **Sample Date:** 5/4/2026 **IDEM Sample #:** AC47576
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	92.4 %		ASTM D888-09(C)
DO	8.89 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	535 umho/cm		SM2510B
Temperature	17.2 °C		SM2550B(2)
Turbidity (Hach)	5.47 NTU		180.1
pH (Field)	7.98 SU		150.2
Air Temp	3 Lookup		Observation
Sky Conditions	3 Lookup		Observation
Wind Direction	0 Lookup		Observation
Wind Strength	0 Lookup		Observation
Lab ID #: 50430426009	Result	Reporting Limit	Method

Alkalinity (as CaCO3)	119 mg/L	10	SM2320B
Chloride	17.9 mg/L	2.5	300.0
Hardness (as CaCO3)	235 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	3.9 mg/L	2.5	SM2540D
Solids, Total (TS)	304 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	297 mg/L	10	SM2540C
Sulfate	122 mg/L	2.5	300.0
COD	17.9 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	5.3 mg/L	1	SM5310C

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

Lab ID #: AC47576		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli		30.5	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0028

Sample Date: 6/8/2026

IDEM Sample #: AC47596

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	81	%		ASTM D888-09(C)
DO	6.48	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	618	umho/cm		SM2510B
Temperature	26.2	°C		SM2550B(2)
Turbidity (Hach)	3.48	NTU		180.1
pH (Field)	7.87	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	4	Lookup		Observation
Wind Direction	18	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: 50433622009	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	127	mg/L	10	SM2320B
Chloride	16.7	mg/L	0.25	300.0
Hardness (as CaCO3)	287	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	2.5	mg/L	2.5	SM2540D
Solids, Total (TS)	414	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	374	mg/L	10	SM2540C
Sulfate	172	mg/L	2.5	300.0
COD	14.5	mg/L	10	410.4
Nitrogen, Ammonia	< .1	mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.13	mg/L	0.1	353.2
Phosphorus, Total	< .05	mg/L	0.05	365.1
TKN	.52	mg/L	0.5	351.2
TOC	4.9	mg/L	1	SM5310C
Lab ID #: AC47596	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	30.9	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0028

Sample Date: 6/15/2026

IDEM Sample #: AC47616

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	84.1	%		ASTM D888-09(C)
DO	6.95	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	500	umho/cm		SM2510B
Temperature	25	°C		SM2550B(2)
Turbidity (Hach)	5.42	NTU		180.1
pH (Field)	7.81	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47616	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	21.6	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0028

Sample Date: 6/22/2026

IDEM Sample #: AC47636

Water Flow Type Flood

Water Appearance Brown

Water Depth



Algae?

Water Flow (cf/sec):

☐ Flow Estimated?

☐ Aquatic Life?

Canopy Closed % 0-20%

Sample Comments:

Lab ID #:	Result		Reporting Limit	Method
% Sat	93.7	%		ASTM D888-09(C)
DO	7.97	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	407.6	umho/cm		SM2510B
Temperature	23.4	°C		SM2550B(2)
Turbidity (Hach)	24.1	NTU		180.1
pH (Field)	7.8	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	4	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47636	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	214.2	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0028

Sample Date: 6/29/2026

IDEM Sample #: AC47656

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	82.4	%		ASTM D888-09(C)
DO	6.63	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	433.4	umho/cm		SM2510B
Temperature	26.4	°C		SM2550B(2)
Turbidity (Hach)	6.13	NTU		180.1
pH (Field)	7.83	SU		150.2
Air Temp	6	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47656	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	17.3	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0028

Sample Date: 7/6/2026

IDEM Sample #: AC47676

Water Flow Type Eddy

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	87.4	%		ASTM D888-09(C)
DO	6.82	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	379.8	umho/cm		SM2510B
Temperature	28.1	°C		SM2550B(2)
Turbidity (Hach)	14.9	NTU		180.1
pH (Field)	7.78	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	4	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: 50435776009	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	97.9	mg/L	10	SM2320B
Chloride	17.6	mg/L	0.25	300.0
Hardness (as CaCO3)	158	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	17.3	mg/L	3.3	SM2540D
Solids, Total (TS)	236	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	197	mg/L	10	SM2540C
Sulfate	64.1	mg/L	2.5	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	.056	mg/L	0.05	365.1
TKN	.69	mg/L	0.5	351.2
TOC	5.7	mg/L	1	SM5310C
Lab ID #: AC47676	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	68.4	MPN/100mL	1	SM9223B

**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: 7.11 Site Number: 26T-011

SiteID: WBU-07-0029 Sample Date: 5/4/2026 IDEM Sample #: AC47561
Water Flow Type Run 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	89.1	%		ASTM D888-09(C)
DO	9.15	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	687	umho/cm		SM2510B
Temperature	14.1	°C		SM2550B(2)
Turbidity (Hach)	8.43	NTU		180.1
pH (Field)	7.93	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	3	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	1	Lookup		Observation
Lab ID #: 50430426011	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	192	mg/L	10	SM2320B
Chloride	62.6	mg/L	2.5	300.0
Hardness (as CaCO3)	281	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	4.5	mg/L	2.5	SM2540D
Solids, Total (TS)	375	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	354	mg/L	10	SM2540C
Sulfate	57.3	mg/L	2.5	300.0
COD	15.7	mg/L	10	410.4
Nitrogen, Ammonia	.11	mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	1.3	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**

Lab ID #: AC47561		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli		238.2	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0029

Sample Date: 6/9/2026

IDEM Sample #: AC47581

Water Flow Type Run

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	73.1 %		ASTM D888-09(C)
	DO	6.35 mg/L		ASTM D888-09(C)
	Specific Conductance (Field)	535 umho/cm		SM2510B
	Temperature	22.3 °C		SM2550B(2)
	Turbidity (Hach)	14.1 NTU		180.1
	pH (Field)	7.31 SU		150.2
	Air Temp	5	Lookup	Observation
	Sky Conditions	4	Lookup	Observation
	Wind Direction	18	Lookup	Observation
	Wind Strength	0	Lookup	Observation
Lab ID #: 50433622011	Result		Reporting Limit	Method
	Alkalinity (as CaCO3)	181 mg/L	10	SM2320B
	Chloride	51.9 mg/L	2.5	300.0
	Hardness (as CaCO3)	208 mg/L	10	SM2340B
	Solids, Suspended Total, (TSS)	9.7 mg/L	2.5	SM2540D
	Solids, Total (TS)	310 mg/L	10	SM2540B
	Solids, Total Dissolved (TDS)	281 mg/L	10	SM2540C
	Sulfate	31.4 mg/L	0.25	300.0
	COD	17.7 mg/L	10	410.4
	Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
	Nitrogen, Nitrate+Nitrite	.45 mg/L	0.1	353.2
	Phosphorus, Total	.09 mg/L	0.05	365.1
	TKN	.71 mg/L	0.5	351.2
	TOC	6.7 mg/L	1	SM5310C
Lab ID #: AC47581	Result		Reporting Limit	Method
	Coliforms (Total)	> 2419.6 MPN/100mL	2419.6	SM9223B
	E. coli	1986.3 MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0029

Sample Date: 6/16/2026

IDEM Sample #: AC47601

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	84.3	%		ASTM D888-09(C)
DO	7.97	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	606	umho/cm		SM2510B
Temperature	18	°C		SM2550B(2)
Turbidity (Hach)	7.19	NTU		180.1
pH (Field)	7.93	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	18	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47601	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	686.7	MPN/100mL	1	SM9223B

Indiana Department of Environmental Management

Office of Water Quality-Watershed Assessment and Planning Branch

Surface Water Results Summary

SiteID: WBU-07-0029

Sample Date: 6/23/2026

IDEM Sample #: AC47621

Water Flow Type Flood

Water Appearance Brown

Water Depth



Algae?

Water Flow (cf/sec):

☐ Flow Estimated?

☐ Aquatic Life?

Canopy Closed % 0-20%

Sample Comments:

Lab ID #:	Result		Reporting Limit	Method
% Sat	87.8	%		ASTM D888-09(C)
DO	8.27	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	462.9	umho/cm		SM2510B
Temperature	18.2	°C		SM2550B(2)
Turbidity (Hach)	13.3	NTU		180.1
pH (Field)	7.71	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47621	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	980.4	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0029

Sample Date: 6/30/2026

IDEM Sample #: AC47641

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	79.2	%		ASTM D888-09(C)
DO	6.7	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	636	umho/cm		SM2510B
Temperature	23.7	°C		SM2550B(2)
Turbidity (Hach)	8.51	NTU		180.1
pH (Field)	7.71	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	3	Lookup		Observation
Wind Direction	18	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47641	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	920.8	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0029

Sample Date: 7/7/2026

IDEM Sample #: AC47661

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	81.4	%		ASTM D888-09(C)
DO	6.99	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	519	umho/cm		SM2510B
Temperature	22.9	°C		SM2550B(2)
Turbidity (Hach)	10.6	NTU		180.1
pH (Field)	7.68	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	2	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: 50435776011	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	166	mg/L	10	SM2320B
Chloride	35.5	mg/L	2.5	300.0
Hardness (as CaCO3)	212	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	7.9	mg/L	2.5	SM2540D
Solids, Total (TS)	298	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	276	mg/L	10	SM2540C
Sulfate	45	mg/L	0.25	300.0
COD	< 10	mg/L	10	410.4
Nitrogen, Ammonia	.13	mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.65	mg/L	0.1	353.2
Phosphorus, Total	.086	mg/L	0.05	365.1
TKN	.63	mg/L	0.5	351.2
TOC	4.7	mg/L	1	SM5310C
Lab ID #: AC47661	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	613.1	MPN/100mL	1	SM9223B

**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-07-0031 **USGS Hydrologic Unit:** 051201110702
Stream Name: Tributary of Honey Creek **County:** Vigo
Description: Fenway Drive **Latitude:** 39 24 17.68 **Longitude:** -87 17 50.14
Drainage: 5.14 **Site Number:** 26T-013

SiteID: WBU-07-0031 **Sample Date:** 5/5/2026 **IDEM Sample #:** AC47563
Water Flow Type: Run **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	86.9 %		ASTM D888-09(C)
DO	8.89 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	448.2 umho/cm		SM2510B
Temperature	14.3 °C		SM2550B(2)
Turbidity (Hach)	61.7 NTU		180.1
pH (Field)	7.8 SU		150.2
Air Temp	4 Lookup		Observation
Sky Conditions	4 Lookup		Observation
Wind Direction	9 Lookup		Observation
Wind Strength	0 Lookup		Observation
Lab ID #: 50430426013	Result	Reporting Limit	Method

Alkalinity (as CaCO3)	112 mg/L	10	SM2320B
Chloride	27.1 mg/L	2.5	300.0
Hardness (as CaCO3)	192 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	40.4 mg/L	5	SM2540D
Solids, Total (TS)	295 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	257 mg/L	10	SM2540C
Sulfate	70.2 mg/L	2.5	300.0
COD	26.3 mg/L	10	410.4
Nitrogen, Ammonia	.12 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	1.6 mg/L	0.2	353.2
Phosphorus, Total	< .25 mg/L	0.25	365.1
TKN	1 mg/L	0.5	351.2
TOC	7.4 mg/L	1	SM5310C

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

Lab ID #: AC47563b		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		41600	MPN/100mL	100	SM9223B
E. coli		5910	MPN/100mL	100	SM9223B

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

SiteID: WBU-07-0031

Sample Date: 6/9/2026

IDEM Sample #: AC47583

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	83.7	%		ASTM D888-09(C)
DO	7.34	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	749	umho/cm		SM2510B
Temperature	21.7	°C		SM2550B(2)
Turbidity (Hach)	5.74	NTU		180.1
pH (Field)	7.82	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	2	Lookup		Observation
Wind Direction	18	Lookup		Observation
Wind Strength	1	Lookup		Observation
Lab ID #: 50433622013	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	181	mg/L	10	SM2320B
Chloride	73.4	mg/L	2.5	300.0
Hardness (as CaCO3)	270	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	< 2.5	mg/L	2.5	SM2540D
Solids, Total (TS)	457	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	417	mg/L	10	SM2540C
Sulfate	64.4	mg/L	2.5	300.0
COD	13.2	mg/L	10	410.4
Nitrogen, Ammonia	< .1	mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	6.2	mg/L	0.5	353.2
Phosphorus, Total	.67	mg/L	0.05	365.1
TKN	.68	mg/L	0.5	351.2
TOC	4.2	mg/L	1	SM5310C
Lab ID #: AC47583	Result		Reporting Limit	Method
E. coli	313	MPN/100mL	1	SM9223B

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

Lab ID #: AC47583b		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		6440	MPN/100mL	100	SM9223B

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

SiteID: WBU-07-0031

Sample Date: 6/16/2026

IDEM Sample #: AC47603

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	88.4	%		ASTM D888-09(C)
DO	8.36	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	576	umho/cm		SM2510B
Temperature	18	°C		SM2550B(2)
Turbidity (Hach)	5.46	NTU		180.1
pH (Field)	7.92	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	18	Lookup		Observation
Wind Strength	1	Lookup		Observation
Lab ID #: AC47603	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	461.1	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0031

Sample Date: 6/23/2026

IDEM Sample #: AC47623

Water Flow Type Run

Water Appearance Brown

Water Depth



Algae?

Water Flow (cf/sec):

☐ Flow Estimated?

☐ Aquatic Life?

Canopy Closed % 0-20%

Sample Comments:

Lab ID #:	Result		Reporting Limit	Method
% Sat	88.8	%		ASTM D888-09(C)
DO	8.25	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	411	umho/cm		SM2510B
Temperature	18.8	°C		SM2550B(2)
Turbidity (Hach)	14.4	NTU		180.1
pH (Field)	7.61	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47623	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	579.4	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0031

Sample Date: 6/30/2026

IDEM Sample #: AC47643

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	82.5	%		ASTM D888-09(C)
DO	7.01	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	559	umho/cm		SM2510B
Temperature	23.4	°C		SM2550B(2)
Turbidity (Hach)	6.52	NTU		180.1
pH (Field)	7.69	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47643	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	344.8	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0031

Sample Date: 7/7/2026

IDEM Sample #: AC47663

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	84.8	%		ASTM D888-09(C)
DO	7.24	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	479.1	umho/cm		SM2510B
Temperature	23.2	°C		SM2550B(2)
Turbidity (Hach)	8.2	NTU		180.1
pH (Field)	7.65	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	2	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: 50435776013	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	127	mg/L	10	SM2320B
Chloride	34.9	mg/L	2.5	300.0
Hardness (as CaCO3)	179	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	5	mg/L	2.5	SM2540D
Solids, Total (TS)	280	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	251	mg/L	10	SM2540C
Sulfate	46.9	mg/L	2.5	300.0
COD	13.7	mg/L	10	410.4
Nitrogen, Ammonia	< .1	mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	2.6	mg/L	0.1	353.2
Phosphorus, Total	.25	mg/L	0.05	365.1
TKN	.62	mg/L	0.5	351.2
TOC	4.8	mg/L	1	SM5310C
Lab ID #: AC47663	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	613.1	MPN/100mL	1	SM9223B

**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-07-0032 **USGS Hydrologic Unit:** 051201110702
Stream Name: Honey Creek **County:** Vigo
Description: Frye Street **Latitude:** 39 24 26.91 **Longitude:** -87 17 44.93
Drainage: 24.4 **Site Number:** 26T-014

SiteID: WBU-07-0032 **Sample Date:** 5/5/2026 **IDEM Sample #:** AC47564
Water Flow Type Run **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	84.5 %		ASTM D888-09(C)
DO	8.48 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1364 umho/cm		SM2510B
Temperature	15 °C		SM2550B(2)
Turbidity (Hach)	19 NTU		180.1
pH (Field)	7.87 SU		150.2
Air Temp	4 Lookup		Observation
Sky Conditions	7 Lookup		Observation
Wind Direction	9 Lookup		Observation
Wind Strength	0 Lookup		Observation
Lab ID #: 50430426014	Result	Reporting Limit	Method

Alkalinity (as CaCO3)	207 mg/L	10	SM2320B
Chloride	17 mg/L	0.25	300.0
Hardness (as CaCO3)	644 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	13.5 mg/L	2.5	SM2540D
Solids, Total (TS)	1030 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	981 mg/L	10	SM2540C
Sulfate	532 mg/L	25	300.0
COD	20.2 mg/L	10	410.4
Nitrogen, Ammonia	.27 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.92 mg/L	0.1	353.2
Phosphorus, Total	.064 mg/L	0.05	365.1
TKN	.78 mg/L	0.5	351.2
TOC	5.1 mg/L	1	SM5310C

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

Lab ID #: AC47564		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli		517.2	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0032

Sample Date: 6/9/2026

IDEM Sample #: AC47584

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	87.2	%		ASTM D888-09(C)
DO	7.57	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1908	umho/cm		SM2510B
Temperature	22.1	°C		SM2550B(2)
Turbidity (Hach)	4.04	NTU		180.1
pH (Field)	8.04	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	2	Lookup		Observation
Wind Direction	18	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: 50433622014	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	283	mg/L	10	SM2320B
Chloride	11.9	mg/L	0.25	300.0
Hardness (as CaCO3)	982	mg/L	20	SM2340B
Solids, Suspended Total, (TSS)	2.9	mg/L	2.5	SM2540D
Solids, Total (TS)	1550	mg/L	20	SM2540B
Solids, Total Dissolved (TDS)	1490	mg/L	20	SM2540C
Sulfate	853	mg/L	25	300.0
COD	10.6	mg/L	10	410.4
Nitrogen, Ammonia	.11	mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.97	mg/L	0.1	353.2
Phosphorus, Total	< .05	mg/L	0.05	365.1
TKN	.54	mg/L	0.5	351.2
TOC	3.6	mg/L	1	SM5310C
Lab ID #: AC47584	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	248.9	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0032

Sample Date: 6/16/2026

IDEM Sample #: AC47604

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	89	%		ASTM D888-09(C)
DO	8.27	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1555	umho/cm		SM2510B
Temperature	18.7	°C		SM2550B(2)
Turbidity (Hach)	6.89	NTU		180.1
pH (Field)	7.99	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	18	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47604	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	261.3	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0032

Sample Date: 6/23/2026

IDEM Sample #: AC47624

Water Flow Type Flood

Water Appearance Brown

Water Depth



Algae?

Water Flow (cf/sec):

☐ Flow Estimated?

☐ Aquatic Life?

Canopy Closed % 0-20%

Sample Comments:

Lab ID #:	Result		Reporting Limit	Method
% Sat	90.1	%		ASTM D888-09(C)
DO	8.09	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	799	umho/cm		SM2510B
Temperature	20.5	°C		SM2550B(2)
Turbidity (Hach)	27.6	NTU		180.1
pH (Field)	7.72	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47624	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	272.3	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0032

Sample Date: 6/30/2026

IDEM Sample #: AC47644

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	84.8	%		ASTM D888-09(C)
DO	7.01	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1384	umho/cm		SM2510B
Temperature	24.8	°C		SM2550B(2)
Turbidity (Hach)	6.65	NTU		180.1
pH (Field)	7.81	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	1	Lookup		Observation
Lab ID #: AC47644	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	224.7	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0032

Sample Date: 7/7/2026

IDEM Sample #: AC47664

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	88.2 %		ASTM D888-09(C)
	DO	7.4 mg/L		ASTM D888-09(C)
	Specific Conductance (Field)	1383 umho/cm		SM2510B
	Temperature	24 °C		SM2550B(2)
	Turbidity (Hach)	8.4 NTU		180.1
	pH (Field)	7.87 SU		150.2
	Air Temp	5	Lookup	Observation
	Sky Conditions	1	Lookup	Observation
	Wind Direction	0	Lookup	Observation
	Wind Strength	0	Lookup	Observation
Lab ID #: 50435776014	Result		Reporting Limit	Method
	Alkalinity (as CaCO3)	201 mg/L	10	SM2320B
	Chloride	11.3 mg/L	0.25	300.0
	Hardness (as CaCO3)	654 mg/L	10	SM2340B
	Solids, Suspended Total, (TSS)	7.3 mg/L	2.5	SM2540D
	Solids, Total (TS)	1100 mg/L	10	SM2540B
	Solids, Total Dissolved (TDS)	1030 mg/L	10	SM2540C
	Sulfate	568 mg/L	25	300.0
	COD	13.7 mg/L	10	410.4
	Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
	Nitrogen, Nitrate+Nitrite	.68 mg/L	0.1	353.2
	Phosphorus, Total	.061 mg/L	0.05	365.1
	TKN	.65 mg/L	0.5	351.2
	TOC	4.7 mg/L	1	SM5310C
Lab ID #: AC47664	Result		Reporting Limit	Method
	Coliforms (Total)	> 2419.6 MPN/100mL	2419.6	SM9223B
	E. coli	325.5 MPN/100mL	1	SM9223B

**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: 14.5 Site Number: 26T-015

SiteID: WBU-07-0033 Sample Date: 5/5/2026 IDEM Sample #: AC47566
Water Flow Type Run 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	81.3 %		ASTM D888-09(C)
DO	8.07 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1185 umho/cm		SM2510B
Temperature	15.6 °C		SM2550B(2)
Turbidity (Hach)	14.5 NTU		180.1
pH (Field)	7.81 SU		150.2
Air Temp	4 Lookup		Observation
Sky Conditions	4 Lookup		Observation
Wind Direction	9 Lookup		Observation
Wind Strength	1 Lookup		Observation
Lab ID #: 50430426016	Result	Reporting Limit	Method

Alkalinity (as CaCO3)	164 mg/L	10	SM2320B
Chloride	19.3 mg/L	0.25	300.0
Hardness (as CaCO3)	601 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	11.4 mg/L	2.5	SM2540D
Solids, Total (TS)	904 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	847 mg/L	10	SM2540C
Sulfate	458 mg/L	25	300.0
COD	22.1 mg/L	10	410.4
Nitrogen, Ammonia	.35 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.51 mg/L	0.1	353.2
Phosphorus, Total	.07 mg/L	0.05	365.1
TKN	.84 mg/L	0.5	351.2
TOC	5.7 mg/L	1	SM5310C

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

Lab ID #: AC47566		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli		517.2	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0033

Sample Date: 6/9/2026

IDEM Sample #: AC47586

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	85 %		ASTM D888-09(C)
	DO	7.12 mg/L		ASTM D888-09(C)
	Specific Conductance (Field)	1825 umho/cm		SM2510B
	Temperature	24 °C		SM2550B(2)
	Turbidity (Hach)	6.96 NTU		180.1
	pH (Field)	7.95 SU		150.2
	Air Temp	5	Lookup	Observation
	Sky Conditions	4	Lookup	Observation
	Wind Direction	18	Lookup	Observation
	Wind Strength	0	Lookup	Observation
Lab ID #: 50433622016	Result		Reporting Limit	Method
	Alkalinity (as CaCO3)	189 mg/L	10	SM2320B
	Chloride	12.8 mg/L	0.25	300.0
	Hardness (as CaCO3)	821 mg/L	10	SM2340B
	Solids, Suspended Total, (TSS)	5.6 mg/L	2.5	SM2540D
	Solids, Total (TS)	1250 mg/L	20	SM2540B
	Solids, Total Dissolved (TDS)	1160 mg/L	20	SM2540C
	Sulfate	703 mg/L	25	300.0
	COD	12.9 mg/L	10	410.4
	Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
	Nitrogen, Nitrate+Nitrite	.44 mg/L	0.1	353.2
	Phosphorus, Total	.06 mg/L	0.05	365.1
	TKN	.69 mg/L	0.5	351.2
	TOC	4.8 mg/L	1	SM5310C
Lab ID #: AC47586	Result		Reporting Limit	Method
	Coliforms (Total)	> 2419.6 MPN/100mL	2419.6	SM9223B
	E. coli	191.8 MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0033

Sample Date: 6/16/2026

IDEM Sample #: AC47606

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	87.6	%		ASTM D888-09(C)
DO	7.89	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1197	umho/cm		SM2510B
Temperature	20.3	°C		SM2550B(2)
Turbidity (Hach)	6.67	NTU		180.1
pH (Field)	7.89	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	18	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47606	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	142.1	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0033

Sample Date: 6/23/2026

IDEM Sample #: AC47626

Water Flow Type Flood

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	89.4	%		ASTM D888-09(C)
DO	7.88	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	673	umho/cm		SM2510B
Temperature	21.5	°C		SM2550B(2)
Turbidity (Hach)	20.6	NTU		180.1
pH (Field)	7.72	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47626	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	313	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0033

Sample Date: 6/30/2026

IDEM Sample #: AC47646

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	83.1	%		ASTM D888-09(C)
DO	6.7	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1133	umho/cm		SM2510B
Temperature	26.2	°C		SM2550B(2)
Turbidity (Hach)	10.3	NTU		180.1
pH (Field)	7.79	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47646	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	162.4	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0033

Sample Date: 7/7/2026

IDEM Sample #: AC47666

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	86.5 %		ASTM D888-09(C)
	DO	7.02 mg/L		ASTM D888-09(C)
	Specific Conductance (Field)	768 umho/cm		SM2510B
	Temperature	25.9 °C		SM2550B(2)
	Turbidity (Hach)	12.5 NTU		180.1
	pH (Field)	7.81 SU		150.2
	Air Temp	5	Lookup	Observation
	Sky Conditions	2	Lookup	Observation
	Wind Direction	0	Lookup	Observation
	Wind Strength	0	Lookup	Observation
Lab ID #: 50435776016	Result		Reporting Limit	Method
	Alkalinity (as CaCO3)	144 mg/L	10	SM2320B
	Chloride	10.8 mg/L	0.25	300.0
	Hardness (as CaCO3)	553 mg/L	10	SM2340B
	Solids, Suspended Total, (TSS)	7.1 mg/L	2.5	SM2540D
	Solids, Total (TS)	889 mg/L	10	SM2540B
	Solids, Total Dissolved (TDS)	808 mg/L	10	SM2540C
	Sulfate	445 mg/L	25	300.0
	COD	19.8 mg/L	10	410.4
	Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
	Nitrogen, Nitrate+Nitrite	.28 mg/L	0.1	353.2
	Phosphorus, Total	.068 mg/L	0.05	365.1
	TKN	.74 mg/L	0.5	351.2
	TOC	5.2 mg/L	1	SM5310C
Lab ID #: AC47666	Result		Reporting Limit	Method
	Coliforms (Total)	> 2419.6 MPN/100mL	2419.6	SM9223B
	E. coli	146.7 MPN/100mL	1	SM9223B

**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-07-0034 **USGS Hydrologic Unit:** 051201110701
Stream Name: Honey Creek **County:** Vigo
Description: SR 42 **Latitude:** 39 27 3.48 **Longitude:** -87 15 54.49
Drainage: 4.665 **Site Number:** 26T-016

SiteID: WBU-07-0034 **Sample Date:** 5/5/2026 **IDEM Sample #:** AC47568
Water Flow Type Run **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	82.8 %		ASTM D888-09(C)
DO	8.2 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	892 umho/cm		SM2510B
Temperature	15.7 °C		SM2550B(2)
Turbidity (Hach)	22.9 NTU		180.1
pH (Field)	7.66 SU		150.2
Air Temp	3 Lookup		Observation
Sky Conditions	4 Lookup		Observation
Wind Direction	9 Lookup		Observation
Wind Strength	0 Lookup		Observation
Lab ID #: 50430426018	Result	Reporting Limit	Method

Alkalinity (as CaCO3)	126 mg/L	10	SM2320B
Chloride	12.2 mg/L	0.25	300.0
Hardness (as CaCO3)	387 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	20.8 mg/L	5	SM2540D
Solids, Total (TS)	640 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	592 mg/L	10	SM2540C
Sulfate	355 mg/L	2.5	300.0
COD	22.9 mg/L	10	410.4
Nitrogen, Ammonia	.74 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.36 mg/L	0.1	353.2
Phosphorus, Total	.12 mg/L	0.1	365.1
TKN	1.5 mg/L	0.5	351.2
TOC	6 mg/L	1	SM5310C

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

Lab ID #: AC47568		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli		1732.9	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0034

Sample Date: 6/9/2026

IDEM Sample #: AC47588

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	74.9 %		ASTM D888-09(C)
	DO	6.22 mg/L		ASTM D888-09(C)
	Specific Conductance (Field)	1286 umho/cm		SM2510B
	Temperature	24.5 °C		SM2550B(2)
	Turbidity (Hach)	15.9 NTU		180.1
	pH (Field)	7.25 SU		150.2
	Air Temp	5	Lookup	Observation
	Sky Conditions	2	Lookup	Observation
	Wind Direction	18	Lookup	Observation
	Wind Strength	0	Lookup	Observation
Lab ID #: 50433622018	Result		Reporting Limit	Method
	Alkalinity (as CaCO3)	106 mg/L	10	SM2320B
	Chloride	7.2 mg/L	0.25	300.0
	Hardness (as CaCO3)	491 mg/L	10	SM2340B
	Solids, Suspended Total, (TSS)	15.2 mg/L	3.3	SM2540D
	Solids, Total (TS)	841 mg/L	10	SM2540B
	Solids, Total Dissolved (TDS)	748 mg/L	10	SM2540C
	Sulfate	460 mg/L	25	300.0
	COD	20.6 mg/L	10	410.4
	Nitrogen, Ammonia	.11 mg/L	0.1	350.1
	Nitrogen, Nitrate+Nitrite	.12 mg/L	0.1	353.2
	Phosphorus, Total	.13 mg/L	0.05	365.1
	TKN	1.1 mg/L	0.5	351.2
	TOC	7.1 mg/L	1	SM5310C
Lab ID #: AC47588	Result		Reporting Limit	Method
	Coliforms (Total)	> 2419.6 MPN/100mL	2419.6	SM9223B
	E. coli	> 2419.6 MPN/100mL	2419.6	SM9223B

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

SiteID: WBU-07-0034

Sample Date: 6/16/2026

IDEM Sample #: AC47608

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	84	%		ASTM D888-09(C)
DO	7.27	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	991	umho/cm		SM2510B
Temperature	22.4	°C		SM2550B(2)
Turbidity (Hach)	12.33	NTU		180.1
pH (Field)	7.74	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	18	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47608	Result		Reporting Limit	Method
E. coli	228.2	MPN/100mL	1	SM9223B
Lab ID #: AC47608b	Result		Reporting Limit	Method
Coliforms (Total)	9320	MPN/100mL	100	SM9223B

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

SiteID: WBU-07-0034

Sample Date: 6/23/2026

IDEM Sample #: AC47628

Water Flow Type Flood

Water Appearance Brown

Water Depth



Algae?

Water Flow (cf/sec):

☐ Flow Estimated?

☐ Aquatic Life?

Canopy Closed % 0-20%

Sample Comments:

Lab ID #:	Result		Reporting Limit	Method
% Sat	92.9	%		ASTM D888-09(C)
DO	8.06	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	616	umho/cm		SM2510B
Temperature	22.3	°C		SM2550B(2)
Turbidity (Hach)	20.7	NTU		180.1
pH (Field)	7.78	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47628	Result		Reporting Limit	Method
Coliforms (Total)	1011.2	MPN/100mL	1	SM9223B
E. coli	183.5	MPN/100mL	1	SM9223B

Indiana Department of Environmental Management

Office of Water Quality-Watershed Assessment and Planning Branch

Surface Water Results Summary

SiteID: WBU-07-0034

Sample Date: 6/30/2026

IDEM Sample #: AC47648

Water Flow Type Run

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	85.4	%		ASTM D888-09(C)
DO	6.75	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	876	umho/cm		SM2510B
Temperature	27.4	°C		SM2550B(2)
Turbidity (Hach)	17.6	NTU		180.1
pH (Field)	7.59	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47648	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	866.4	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0034

Sample Date: 7/7/2026

IDEM Sample #: AC47668

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	73.9	%		ASTM D888-09(C)
DO	5.82	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	874	umho/cm		SM2510B
Temperature	27.5	°C		SM2550B(2)
Turbidity (Hach)	23.7	NTU		180.1
pH (Field)	7.62	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	2	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: 50435776018	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	94.6	mg/L	10	SM2320B
Chloride	6.2	mg/L	0.25	300.0
Hardness (as CaCO3)	371	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	15.7	mg/L	3.3	SM2540D
Solids, Total (TS)	632	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	574	mg/L	10	SM2540C
Sulfate	384	mg/L	2.5	300.0
COD	29.3	mg/L	10	410.4
Nitrogen, Ammonia	.17	mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	< .1	mg/L	0.1	353.2
Phosphorus, Total	.15	mg/L	0.05	365.1
TKN	1.6	mg/L	0.5	351.2
TOC	7	mg/L	1	SM5310C
Lab ID #: AC47668	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	770.1	MPN/100mL	1	SM9223B

**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-07-0035 USGS Hydrologic Unit: 051201110701
Stream Name: Tributary of Honey Creek County: Vigo
Description: Tabortown Road Latitude: 39 26 35.67 Longitude: -87 15 29.86
Drainage: 8.54 Site Number: 26T-017

SiteID: WBU-07-0035 Sample Date: 5/5/2026 IDEM Sample #: AC47567
Water Flow Type Run 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	84.9 %		ASTM D888-09(C)
DO	8.37 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1567 umho/cm		SM2510B
Temperature	15.8 °C		SM2550B(2)
Turbidity (Hach)	11.8 NTU		180.1
pH (Field)	7.91 SU		150.2
Air Temp	3 Lookup		Observation
Sky Conditions	8 Lookup		Observation
Wind Direction	9 Lookup		Observation
Wind Strength	0 Lookup		Observation
Lab ID #: 50430426017	Result	Reporting Limit	Method

Alkalinity (as CaCO3)	217 mg/L	10	SM2320B
Chloride	22.7 mg/L	0.25	300.0
Hardness (as CaCO3)	927 mg/L	20	SM2340B
Solids, Suspended Total, (TSS)	7.9 mg/L	2.5	SM2540D
Solids, Total (TS)	1300 mg/L	20	SM2540B
Solids, Total Dissolved (TDS)	1260 mg/L	20	SM2540C
Sulfate	727 mg/L	25	300.0
COD	16.6 mg/L	10	410.4
Nitrogen, Ammonia	.11 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.28 mg/L	0.1	353.2
Phosphorus, Total	< .05 mg/L	0.05	365.1
TKN	< .5 mg/L	0.5	351.2
TOC	4.9 mg/L	1	SM5310C

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

Lab ID #: AC47567		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli		275.5	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0035

Sample Date: 6/9/2026

IDEM Sample #: AC47587

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	84.6	%		ASTM D888-09(C)
DO	6.98	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	2006	umho/cm		SM2510B
Temperature	24.8	°C		SM2550B(2)
Turbidity (Hach)	5.89	NTU		180.1
pH (Field)	7.95	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	3	Lookup		Observation
Wind Direction	18	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: 50433622017	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	263	mg/L	10	SM2320B
Chloride	14.2	mg/L	0.25	300.0
Hardness (as CaCO3)	1240	mg/L	20	SM2340B
Solids, Suspended Total, (TSS)	5.9	mg/L	2.5	SM2540D
Solids, Total (TS)	1800	mg/L	20	SM2540B
Solids, Total Dissolved (TDS)	1650	mg/L	20	SM2540C
Sulfate	988	mg/L	25	300.0
COD	< 10	mg/L	10	410.4
Nitrogen, Ammonia	< .1	mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.15	mg/L	0.1	353.2
Phosphorus, Total	< .05	mg/L	0.05	365.1
TKN	.52	mg/L	0.5	351.2
TOC	3.7	mg/L	1	SM5310C
Lab ID #: AC47587	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	298.7	MPN/100mL	1	SM9223B

Indiana Department of Environmental Management

Office of Water Quality-Watershed Assessment and Planning Branch

Surface Water Results Summary

SiteID: WBU-07-0035

Sample Date: 6/16/2026

IDEM Sample #: AC47607

Water Flow Type Run

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	84.2	%		ASTM D888-09(C)
DO	7.33	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1560	umho/cm		SM2510B
Temperature	22	°C		SM2550B(2)
Turbidity (Hach)	4.12	NTU		180.1
pH (Field)	7.88	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	18	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47607	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	88.6	MPN/100mL	1	SM9223B

Indiana Department of Environmental Management

Office of Water Quality-Watershed Assessment and Planning Branch

Surface Water Results Summary

SiteID: WBU-07-0035

Sample Date: 6/23/2026

IDEM Sample #: AC47627

Water Flow Type Flood

Water Appearance Brown

Water Depth



Algae?

Water Flow (cf/sec):

☐ Flow Estimated?

☐ Aquatic Life?

Canopy Closed % 0-20%

Sample Comments:

Lab ID #:	Result		Reporting Limit	Method
% Sat	87.8	%		ASTM D888-09(C)
DO	7.7	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	935	umho/cm		SM2510B
Temperature	21.7	°C		SM2550B(2)
Turbidity (Hach)	11.1	NTU		180.1
pH (Field)	7.71	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47627	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	195.6	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0035

Sample Date: 6/30/2026

IDEM Sample #: AC47647

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	93.2	%		ASTM D888-09(C)
DO	7.5	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1458	umho/cm		SM2510B
Temperature	26.2	°C		SM2550B(2)
Turbidity (Hach)	6.24	NTU		180.1
pH (Field)	7.84	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47647	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	93.3	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0035

Sample Date: 7/7/2026

IDEM Sample #: AC47667

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	86.3	%		ASTM D888-09(C)
DO	6.86	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1486	umho/cm		SM2510B
Temperature	26.9	°C		SM2550B(2)
Turbidity (Hach)	4.67	NTU		180.1
pH (Field)	7.87	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	2	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: 50435776017	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	200	mg/L	10	SM2320B
Chloride	11.7	mg/L	0.25	300.0
Hardness (as CaCO3)	826	mg/L	20	SM2340B
Solids, Suspended Total, (TSS)	3.4	mg/L	2.5	SM2540D
Solids, Total (TS)	1240	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	1180	mg/L	10	SM2540C
Sulfate	701	mg/L	25	300.0
COD	15.1	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	< .05	mg/L	0.05	365.1
TKN	< .5	mg/L	0.5	351.2
TOC	4.7	mg/L	1	SM5310C
Lab ID #: AC47667	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	145	MPN/100mL	1	SM9223B

**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-07-0037 USGS Hydrologic Unit: 051201110702
Stream Name: Little Honey Creek County: Vigo
Description: Riley Road Latitude: 39 24 48.07 Longitude: -87 20 37.64
Drainage: 4.195 Site Number: 26T-019

SiteID: WBU-07-0037 Sample Date: 5/4/2026 IDEM Sample #: AC47562
Water Flow Type Run 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	92 %		ASTM D888-09(C)
DO	9.32 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	653 umho/cm		SM2510B
Temperature	14.7 °C		SM2550B(2)
Turbidity (Hach)	6.11 NTU		180.1
pH (Field)	7.96 SU		150.2
Air Temp	4 Lookup		Observation
Sky Conditions	4 Lookup		Observation
Wind Direction	0 Lookup		Observation
Wind Strength	1 Lookup		Observation
Lab ID #: 50430426012	Result	Reporting Limit	Method

Alkalinity (as CaCO3)	188 mg/L	10	SM2320B
Chloride	69.4 mg/L	2.5	300.0
Hardness (as CaCO3)	251 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	3 mg/L	2.5	SM2540D
Solids, Total (TS)	345 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	317 mg/L	10	SM2540C
Sulfate	36.4 mg/L	0.25	300.0
COD	16 mg/L	10	410.4
Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	2.5 mg/L	0.2	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**

Lab ID #: AC47562		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli		191.8	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0037

Sample Date: 6/9/2026

IDEM Sample #: AC47582

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	74.9	%		ASTM D888-09(C)
DO	6.38	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	644	umho/cm		SM2510B
Temperature	22.9	°C		SM2550B(2)
Turbidity (Hach)	9.12	NTU		180.1
pH (Field)	7.9	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	2	Lookup		Observation
Wind Direction	18	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: 50433622012	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	192	mg/L	10	SM2320B
Chloride	67.6	mg/L	2.5	300.0
Hardness (as CaCO3)	254	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	5.5	mg/L	2.5	SM2540D
Solids, Total (TS)	373	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	343	mg/L	10	SM2540C
Sulfate	32.3	mg/L	0.25	300.0
COD	17.1	mg/L	10	410.4
Nitrogen, Ammonia	< .1	mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.49	mg/L	0.1	353.2
Phosphorus, Total	.092	mg/L	0.05	365.1
TKN	.67	mg/L	0.5	351.2
TOC	5.3	mg/L	1	SM5310C
Lab ID #: AC47582	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	980.4	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0037

Sample Date: 6/16/2026

IDEM Sample #: AC47602

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	82.7	%		ASTM D888-09(C)
DO	7.72	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	580	umho/cm		SM2510B
Temperature	18.6	°C		SM2550B(2)
Turbidity (Hach)	6.19	NTU		180.1
pH (Field)	7.97	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	18	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47602	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	313	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0037

Sample Date: 6/23/2026

IDEM Sample #: AC47622

Water Flow Type Pool

Water Appearance Brown

Water Depth



Algae?

Water Flow (cf/sec):

☐ Flow Estimated?

☐ Aquatic Life?

Canopy Closed % 0-20%

Sample Comments:

Lab ID #:	Result		Reporting Limit	Method
% Sat	89.5	%		ASTM D888-09(C)
DO	8.4	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	440.2	umho/cm		SM2510B
Temperature	18.4	°C		SM2550B(2)
Turbidity (Hach)	10.8	NTU		180.1
pH (Field)	7.78	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47622	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	648.8	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0037

Sample Date: 6/30/2026

IDEM Sample #: AC47642

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	79.2	%		ASTM D888-09(C)
DO	6.54	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	579	umho/cm		SM2510B
Temperature	25	°C		SM2550B(2)
Turbidity (Hach)	6.32	NTU		180.1
pH (Field)	7.8	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47642	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	517.2	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0037

Sample Date: 7/7/2026

IDEM Sample #: AC47662

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	82.9	%		ASTM D888-09(C)
DO	7.02	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	489.9	umho/cm		SM2510B
Temperature	23.6	°C		SM2550B(2)
Turbidity (Hach)	82.9	NTU		180.1
pH (Field)	7.83	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	2	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: 50435776012	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	158	mg/L	10	SM2320B
Chloride	40.9	mg/L	2.5	300.0
Hardness (as CaCO3)	188	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	6.5	mg/L	2.5	SM2540D
Solids, Total (TS)	261	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	253	mg/L	10	SM2540C
Sulfate	21.9	mg/L	0.25	300.0
COD	17.8	mg/L	10	410.4
Nitrogen, Ammonia	< .1	mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	1.1	mg/L	0.1	353.2
Phosphorus, Total	.11	mg/L	0.05	365.1
TKN	.7	mg/L	0.5	351.2
TOC	4.9	mg/L	1	SM5310C
Lab ID #: AC47662	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	2419.6	MPN/100mL	1	SM9223B

**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-07-0038 USGS Hydrologic Unit: 051201110702
Stream Name: Honey Creek County: Vigo
Description: Eldridge Road Latitude: 39 23 45.14 Longitude: -87 21 4.94
Drainage: 35.8 Site Number: 26T-020

SiteID: WBU-07-0038 Sample Date: 5/4/2026 IDEM Sample #: AC47560
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	87.8 %		ASTM D888-09(C)
DO	8.94 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1298 umho/cm		SM2510B
Temperature	14.4 °C		SM2550B(2)
Turbidity (Hach)	7.14 NTU		180.1
pH (Field)	7.96 SU		150.2
Air Temp	4 Lookup		Observation
Sky Conditions	4 Lookup		Observation
Wind Direction	0 Lookup		Observation
Wind Strength	1 Lookup		Observation
Lab ID #: 50430426010	Result	Reporting Limit	Method

Alkalinity (as CaCO3)	176 mg/L	10	SM2320B
Chloride	20.4 mg/L	0.25	300.0
Hardness (as CaCO3)	637 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	7.8 mg/L	2.5	SM2540D
Solids, Total (TS)	982 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	927 mg/L	10	SM2540C
Sulfate	499 mg/L	25	300.0
COD	17.3 mg/L	10	410.4
Nitrogen, Ammonia	.13 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	1.1 mg/L	0.1	353.2
Phosphorus, Total	.058 mg/L	0.05	365.1
TKN	< .5 mg/L	0.5	351.2
TOC	4.4 mg/L	1	SM5310C

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

Lab ID #: AC47560		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli		93.3	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0038

Sample Date: 6/9/2026

IDEM Sample #: AC47580

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	85.1 %		ASTM D888-09(C)
	DO	7.32 mg/L		ASTM D888-09(C)
	Specific Conductance (Field)	1595 umho/cm		SM2510B
	Temperature	22.6 °C		SM2550B(2)
	Turbidity (Hach)	6.37 NTU		180.1
	pH (Field)	8.07 SU		150.2
	Air Temp	5	Lookup	Observation
	Sky Conditions	4	Lookup	Observation
	Wind Direction	18	Lookup	Observation
	Wind Strength	0	Lookup	Observation
Lab ID #: 50433622010	Result		Reporting Limit	Method
	Alkalinity (as CaCO3)	264 mg/L	10	SM2320B
	Chloride	19.4 mg/L	0.25	300.0
	Hardness (as CaCO3)	849 mg/L	10	SM2340B
	Solids, Suspended Total, (TSS)	5 mg/L	2.5	SM2540D
	Solids, Total (TS)	1340 mg/L	20	SM2540B
	Solids, Total Dissolved (TDS)	1280 mg/L	20	SM2540C
	Sulfate	710 mg/L	25	300.0
	COD	10.6 mg/L	10	410.4
	Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
	Nitrogen, Nitrate+Nitrite	1.2 mg/L	0.1	353.2
	Phosphorus, Total	.081 mg/L	0.05	365.1
	TKN	.55 mg/L	0.5	351.2
	TOC	3.9 mg/L	1	SM5310C
Lab ID #: AC47580	Result		Reporting Limit	Method
	Coliforms (Total)	> 2419.6 MPN/100mL	2419.6	SM9223B
	E. coli	198.9 MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0038

Sample Date: 6/16/2026

IDEM Sample #: AC47600

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	87.5	%		ASTM D888-09(C)
DO	8.11	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1343	umho/cm		SM2510B
Temperature	18.8	°C		SM2550B(2)
Turbidity (Hach)	9.77	NTU		180.1
pH (Field)	8.04	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	18	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47600	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	172.3	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0038

Sample Date: 6/23/2026

IDEM Sample #: AC47620

Water Flow Type Flood

Water Appearance Brown

Water Depth



Algae?

Water Flow (cf/sec):

☐ Flow Estimated?

☐ Aquatic Life?

Canopy Closed % 0-20%

Sample Comments:

Lab ID #:	Result		Reporting Limit	Method
% Sat	86.8	%		ASTM D888-09(C)
DO	7.87	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	736	umho/cm		SM2510B
Temperature	20	°C		SM2550B(2)
Turbidity (Hach)	34.4	NTU		180.1
pH (Field)	7.65	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47620	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	613.1	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0038

Sample Date: 6/30/2026

IDEM Sample #: AC47640

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	82.1	%		ASTM D888-09(C)
DO	6.83	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1189	umho/cm		SM2510B
Temperature	24.5	°C		SM2550B(2)
Turbidity (Hach)	11.9	NTU		180.1
pH (Field)	7.77	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	3	Lookup		Observation
Wind Direction	18	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47640	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	149.7	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0038

Sample Date: 7/7/2026

IDEM Sample #: AC47660

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	82.6	%		ASTM D888-09(C)
DO	6.97	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1131	umho/cm		SM2510B
Temperature	23.7	°C		SM2550B(2)
Turbidity (Hach)	11.5	NTU		180.1
pH (Field)	7.8	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	2	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: 50435776010	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	183	mg/L	10	SM2320B
Chloride	15	mg/L	0.25	300.0
Hardness (as CaCO3)	535	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	13.6	mg/L	2.5	SM2540D
Solids, Total (TS)	865	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	803	mg/L	10	SM2540C
Sulfate	479	mg/L	2.5	300.0
COD	13	mg/L	10	410.4
Nitrogen, Ammonia	< .1	mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.86	mg/L	0.1	353.2
Phosphorus, Total	.087	mg/L	0.05	365.1
TKN	.6	mg/L	0.5	351.2
TOC	4.9	mg/L	1	SM5310C
Lab ID #: AC47660	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	260.3	MPN/100mL	1	SM9223B

**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-07-0039 USGS Hydrologic Unit: 051201110702
Stream Name: Honey Creek County: Vigo
Description: Moyer Drive Latitude: 39 25 10.07 Longitude: -87 17 10.42
Drainage: 21.15 Site Number: 26T-021

SiteID: WBU-07-0039 Sample Date: 5/5/2026 IDEM Sample #: AC47565
Water Flow Type Run 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	81.3	%		ASTM D888-09(C)
DO	8.07	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1185	umho/cm		SM2510B
Temperature	15.6	°C		SM2550B(2)
Turbidity (Hach)	14.5	NTU		180.1
pH (Field)	7.82	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	4	Lookup		Observation
Wind Direction	9	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: 50430426015	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	188	mg/L	10	SM2320B
Chloride	18.8	mg/L	0.25	300.0
Hardness (as CaCO3)	654	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	8.8	mg/L	2.5	SM2540D
Solids, Total (TS)	951	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	916	mg/L	10	SM2540C
Sulfate	498	mg/L	25	300.0
COD	18.9	mg/L	10	410.4
Nitrogen, Ammonia	.26	mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.97	mg/L	0.1	353.2
Phosphorus, Total	.074	mg/L	0.05	365.1
TKN	.68	mg/L	0.5	351.2
TOC	5	mg/L	1	SM5310C

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

Lab ID #: AC47565		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli		178.2	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0039

Sample Date: 6/9/2026

IDEM Sample #: AC47585

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	80.3 %		ASTM D888-09(C)
	DO	6.84 mg/L		ASTM D888-09(C)
	Specific Conductance (Field)	1664 umho/cm		SM2510B
	Temperature	23.1 °C		SM2550B(2)
	Turbidity (Hach)	6.29 NTU		180.1
	pH (Field)	7.85 SU		150.2
	Air Temp	5	Lookup	Observation
	Sky Conditions	4	Lookup	Observation
	Wind Direction	18	Lookup	Observation
	Wind Strength	0	Lookup	Observation
Lab ID #: 50433622015	Result		Reporting Limit	Method
	Alkalinity (as CaCO3)	219 mg/L	10	SM2320B
	Chloride	12.9 mg/L	0.25	300.0
	Hardness (as CaCO3)	956 mg/L	20	SM2340B
	Solids, Suspended Total, (TSS)	2.9 mg/L	2.5	SM2540D
	Solids, Total (TS)	1340 mg/L	20	SM2540B
	Solids, Total Dissolved (TDS)	1270 mg/L	20	SM2540C
	Sulfate	765 mg/L	25	300.0
	COD	< 10 mg/L	10	410.4
	Nitrogen, Ammonia	.22 mg/L	0.1	350.1
	Nitrogen, Nitrate+Nitrite	.81 mg/L	0.1	353.2
	Phosphorus, Total	< .05 mg/L	0.05	365.1
	TKN	.75 mg/L	0.5	351.2
	TOC	4.5 mg/L	1	SM5310C
Lab ID #: AC47585	Result		Reporting Limit	Method
	Coliforms (Total)	> 2419.6 MPN/100mL	2419.6	SM9223B
	E. coli	248.1 MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0039

Sample Date: 6/16/2026

IDEM Sample #: AC47605

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	85.4	%		ASTM D888-09(C)
DO	7.83	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1254	umho/cm		SM2510B
Temperature	19.4	°C		SM2550B(2)
Turbidity (Hach)	6.49	NTU		180.1
pH (Field)	7.86	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	18	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47605	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	178.5	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0039

Sample Date: 6/23/2026

IDEM Sample #: AC47625

Water Flow Type Flood

Water Appearance Brown

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	8.05	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	793	umho/cm		SM2510B
Temperature	20.9	°C		SM2550B(2)
Turbidity (Hach)	21.3	NTU		180.1
pH (Field)	7.71	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47625	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	410.6	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0039

Sample Date: 6/30/2026

IDEM Sample #: AC47645

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	82.7	%		ASTM D888-09(C)
DO	6.75	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1222	umho/cm		SM2510B
Temperature	25.5	°C		SM2550B(2)
Turbidity (Hach)	7.16	NTU		180.1
pH (Field)	7.72	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47645	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	272.3	MPN/100mL	1	SM9223B

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

SiteID: WBU-07-0039

Sample Date: 7/7/2026

IDEM Sample #: AC47665

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	83.4 %		ASTM D888-09(C)
	DO	6.88 mg/L		ASTM D888-09(C)
	Specific Conductance (Field)	1162 umho/cm		SM2510B
	Temperature	25 °C		SM2550B(2)
	Turbidity (Hach)	9.24 NTU		180.1
	pH (Field)	7.76 SU		150.2
	Air Temp	5	Lookup	Observation
	Sky Conditions	2	Lookup	Observation
	Wind Direction	0	Lookup	Observation
	Wind Strength	0	Lookup	Observation
Lab ID #: 50435776015	Result		Reporting Limit	Method
	Alkalinity (as CaCO3)	159 mg/L	10	SM2320B
	Chloride	12 mg/L	0.25	300.0
	Hardness (as CaCO3)	588 mg/L	10	SM2340B
	Solids, Suspended Total, (TSS)	6 mg/L	2.5	SM2540D
	Solids, Total (TS)	894 mg/L	10	SM2540B
	Solids, Total Dissolved (TDS)	851 mg/L	10	SM2540C
	Sulfate	478 mg/L	25	300.0
	COD	16.2 mg/L	10	410.4
	Nitrogen, Ammonia	.15 mg/L	0.1	350.1
	Nitrogen, Nitrate+Nitrite	.48 mg/L	0.1	353.2
	Phosphorus, Total	.073 mg/L	0.05	365.1
	TKN	.73 mg/L	0.5	351.2
	TOC	5.2 mg/L	1	SM5310C
Lab ID #: AC47665	Result		Reporting Limit	Method
	Coliforms (Total)	> 2419.6 MPN/100mL	2419.6	SM9223B
	E. coli	387.3 MPN/100mL	1	SM9223B

**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: WBU060-0002 USGS Hydrologic Unit: 051201110704
Stream Name: Tributary of Honey Creek County: Vigo
Description: Battleford Drive Latitude: 39 22 59.84 Longitude: -87 25 11.86
Drainage: 3.51 Site Number: 26T-005

SiteID: WBU060-0002 Sample Date: 5/4/2026 IDEM Sample #: AC47571
Water Flow Type Riffle 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	85.7 %		ASTM D888-09(C)
DO	8.83 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	895 umho/cm		SM2510B
Temperature	13.9 °C		SM2550B(2)
Turbidity (Hach)	8.75 NTU		180.1
pH (Field)	8.01 SU		150.2
Air Temp	4 Lookup		Observation
Sky Conditions	4 Lookup		Observation
Wind Direction	0 Lookup		Observation
Wind Strength	2 Lookup		Observation
Lab ID #: 50430426004	Result	Reporting Limit	Method

Alkalinity (as CaCO3)	257 mg/L	10	SM2320B
Chloride	46.9 mg/L	2.5	300.0
Hardness (as CaCO3)	384 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	6 mg/L	2.5	SM2540D
Solids, Total (TS)	561 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	530 mg/L	10	SM2540C
Sulfate	152 mg/L	2.5	300.0
COD	13.7 mg/L	10	410.4
Nitrogen, Ammonia	.15 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.76 mg/L	0.1	353.2
Phosphorus, Total	.44 mg/L	0.05	365.1
TKN	< .5 mg/L	0.5	351.2
TOC	3.3 mg/L	1	SM5310C

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

Lab ID #: AC47571		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli		365.4	MPN/100mL	1	SM9223B

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

SiteID: WBU060-0002

Sample Date: 6/8/2026

IDEM Sample #: AC47591

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	71.1 %		ASTM D888-09(C)
	DO	6.04 mg/L		ASTM D888-09(C)
	Specific Conductance (Field)	1280 umho/cm		SM2510B
	Temperature	23.2 °C		SM2550B(2)
	Turbidity (Hach)	6.9 NTU		180.1
	pH (Field)	8.05 SU		150.2
	Air Temp	5	Lookup	Observation
	Sky Conditions	1	Lookup	Observation
	Wind Direction	18	Lookup	Observation
	Wind Strength	1	Lookup	Observation
Lab ID #: 50433622004	Result		Reporting Limit	Method
	Alkalinity (as CaCO3)	285 mg/L	10	SM2320B
	Chloride	52.2 mg/L	2.5	300.0
	Hardness (as CaCO3)	559 mg/L	10	SM2340B
	Solids, Suspended Total, (TSS)	5.3 mg/L	2.5	SM2540D
	Solids, Total (TS)	916 mg/L	10	SM2540B
	Solids, Total Dissolved (TDS)	844 mg/L	10	SM2540C
	Sulfate	376 mg/L	2.5	300.0
	COD	10.3 mg/L	10	410.4
	Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
	Nitrogen, Nitrate+Nitrite	.5 mg/L	0.1	353.2
	Phosphorus, Total	.74 mg/L	0.05	365.1
	TKN	< .5 mg/L	0.5	351.2
	TOC	3.1 mg/L	1	SM5310C
Lab ID #: AC47591	Result		Reporting Limit	Method
	Coliforms (Total)	> 2419.6 MPN/100mL	2419.6	SM9223B
	E. coli	980.4 MPN/100mL	1	SM9223B

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

SiteID: WBU060-0002

Sample Date: 6/15/2026

IDEM Sample #: AC47611

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	83	%		ASTM D888-09(C)
DO	7.61	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	692	umho/cm		SM2510B
Temperature	19.5	°C		SM2550B(2)
Turbidity (Hach)	12.8	NTU		180.1
pH (Field)	7.98	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47611	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	228.2	MPN/100mL	1	SM9223B

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

SiteID: WBU060-0002

Sample Date: 6/22/2026

IDEM Sample #: AC47631

Water Flow Type Flood

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	90.5	%		ASTM D888-09(C)
DO	8.09	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	350.2	umho/cm		SM2510B
Temperature	20.8	°C		SM2550B(2)
Turbidity (Hach)	69.2	NTU		180.1
pH (Field)	7.58	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	4	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	1	Lookup		Observation
Lab ID #: AC47631b	Result		Reporting Limit	Method
Coliforms (Total)	120330	MPN/100mL	100	SM9223B
E. coli	3880	MPN/100mL	100	SM9223B

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

SiteID: WBU060-0002

Sample Date: 6/29/2026

IDEM Sample #: AC47651

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	88.4	%		ASTM D888-09(C)
DO	7.59	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	766	umho/cm		SM2510B
Temperature	22.8	°C		SM2550B(2)
Turbidity (Hach)	7.39	NTU		180.1
pH (Field)	7.94	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47651	Result		Reporting Limit	Method
E. coli	727	MPN/100mL	1	SM9223B
Lab ID #: AC47651b	Result		Reporting Limit	Method
Coliforms (Total)	14830	MPN/100mL	100	SM9223B

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

SiteID: WBU060-0002

Sample Date: 7/6/2026

IDEM Sample #: AC47671

Water Flow Type Run

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	89.2 %		ASTM D888-09(C)
	DO	7.63 mg/L		ASTM D888-09(C)
	Specific Conductance (Field)	425 umho/cm		SM2510B
	Temperature	23.1 °C		SM2550B(2)
	Turbidity (Hach)	22.8 NTU		180.1
	pH (Field)	7.9 SU		150.2
	Air Temp	5	Lookup	Observation
	Sky Conditions	4	Lookup	Observation
	Wind Direction	0	Lookup	Observation
	Wind Strength	0	Lookup	Observation
Lab ID #: 50435776004	Result		Reporting Limit	Method
	Alkalinity (as CaCO3)	151 mg/L	10	SM2320B
	Chloride	20.9 mg/L	2.5	300.0
	Hardness (as CaCO3)	179 mg/L	10	SM2340B
	Solids, Suspended Total, (TSS)	16.1 mg/L	3.7	SM2540D
	Solids, Total (TS)	228 mg/L	10	SM2540B
	Solids, Total Dissolved (TDS)	212 mg/L	10	SM2540C
	Sulfate	27.8 mg/L	2.5	300.0
	COD	15.6 mg/L	10	410.4
	Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
	Nitrogen, Nitrate+Nitrite	.54 mg/L	0.1	353.2
	Phosphorus, Total	.21 mg/L	0.05	365.1
	TKN	.64 mg/L	0.5	351.2
	TOC	4.3 mg/L	1	SM5310C
Lab ID #: AC47671	Result		Reporting Limit	Method
	Coliforms (Total)	> 2419.6 MPN/100mL	2419.6	SM9223B
	E. coli	2419.6 MPN/100mL	1	SM9223B

**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: WBU060-0005 **USGS Hydrologic Unit:** 051201110704
Stream Name: Honey Creek **County:** Vigo
Description: Rigney Drive **Latitude:** 39 23 56.18 **Longitude:** -87 25 33.20
Drainage: 69.8 **Site Number:** 26T-004

SiteID: WBU060-0005 **Sample Date:** 5/4/2026 **IDEM Sample #:** AC47570
Water Flow Type Run **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	87.3 %		ASTM D888-09(C)
DO	8.93 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	988 umho/cm		SM2510B
Temperature	14.2 °C		SM2550B(2)
Turbidity (Hach)	8.06 NTU		180.1
pH (Field)	8.01 SU		150.2
Air Temp	4 Lookup		Observation
Sky Conditions	4 Lookup		Observation
Wind Direction	0 Lookup		Observation
Wind Strength	1 Lookup		Observation
Lab ID #: 50430426003	Result	Reporting Limit	Method

Alkalinity (as CaCO3)	189 mg/L	10	SM2320B
Chloride	29.4 mg/L	2.5	300.0
Hardness (as CaCO3)	456 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	9.5 mg/L	2.5	SM2540D
Solids, Total (TS)	680 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	651 mg/L	10	SM2540C
Sulfate	318 mg/L	2.5	300.0
COD	15.3 mg/L	10	410.4
Nitrogen, Ammonia	.11 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.74 mg/L	0.1	353.2
Phosphorus, Total	.074 mg/L	0.05	365.1
TKN	.65 mg/L	0.5	351.2
TOC	4.5 mg/L	1	SM5310C

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

Lab ID #: AC47570		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli		156.5	MPN/100mL	1	SM9223B

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

SiteID: WBU060-0005

Sample Date: 6/8/2026

IDEM Sample #: AC47590

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	81.6	%		ASTM D888-09(C)
DO	6.76	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1394	umho/cm		SM2510B
Temperature	24.4	°C		SM2550B(2)
Turbidity (Hach)	6.02	NTU		180.1
pH (Field)	8.08	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	18	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: 50433622003	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	227	mg/L	10	SM2320B
Chloride	28.6	mg/L	2.5	300.0
Hardness (as CaCO3)	659	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	7.8	mg/L	2.5	SM2540D
Solids, Total (TS)	1100	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	995	mg/L	10	SM2540C
Sulfate	526	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	.45	mg/L	0.1	353.2
Phosphorus, Total	.072	mg/L	0.05	365.1
TKN	< .5	mg/L	0.5	351.2
TOC	4.1	mg/L	1	SM5310C
Lab ID #: AC47590	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	410.6	MPN/100mL	1	SM9223B

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

SiteID: WBU060-0005

Sample Date: 6/15/2026

IDEM Sample #: AC47610

Water Flow Type Run

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	85.5	%		ASTM D888-09(C)
DO	7.63	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	893	umho/cm		SM2510B
Temperature	20.8	°C		SM2550B(2)
Turbidity (Hach)	12.4	NTU		180.1
pH (Field)	7.93	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47610	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	307.6	MPN/100mL	1	SM9223B

Indiana Department of Environmental Management

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Surface Water Results Summary

SiteID: WBU060-0005

Sample Date: 6/22/2026

IDEM Sample #: AC47630

Water Flow Type Flood

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	80.6	%		ASTM D888-09(C)
DO	7.13	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	393.4	umho/cm		SM2510B
Temperature	21.4	°C		SM2550B(2)
Turbidity (Hach)	132	NTU		180.1
pH (Field)	7.27	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	5	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	2	Lookup		Observation
Lab ID #: AC47630b	Result		Reporting Limit	Method
Coliforms (Total)	> 241960	MPN/100mL	241960	SM9223B
E. coli	5040	MPN/100mL	100	SM9223B

Indiana Department of Environmental Management
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Surface Water Results Summary

SiteID: WBU060-0005

Sample Date: 6/29/2026

IDEM Sample #: AC47650

Water Flow Type Run

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	86.4	%		ASTM D888-09(C)
DO	7.29	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	831	umho/cm		SM2510B
Temperature	23.7	°C		SM2550B(2)
Turbidity (Hach)	13.2	NTU		180.1
pH (Field)	7.79	SU		150.2
Air Temp	5	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: AC47650	Result		Reporting Limit	Method
E. coli	325.5	MPN/100mL	1	SM9223B
Lab ID #: AC47650b	Result		Reporting Limit	Method
Coliforms (Total)	13540	MPN/100mL	100	SM9223B

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

SiteID: WBU060-0005

Sample Date: 7/6/2026

IDEM Sample #: AC47670

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	85.4	%		ASTM D888-09(C)
DO	7.05	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	621	umho/cm		SM2510B
Temperature	25	°C		SM2550B(2)
Turbidity (Hach)	30.3	NTU		180.1
pH (Field)	7.85	SU		150.2
Air Temp	6	Lookup		Observation
Sky Conditions	4	Lookup		Observation
Wind Direction	0	Lookup		Observation
Wind Strength	0	Lookup		Observation
Lab ID #: 50435776003	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	132	mg/L	10	SM2320B
Chloride	21.7	mg/L	0.25	300.0
Hardness (as CaCO3)	278	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	36.6	mg/L	5	SM2540D
Solids, Total (TS)	418	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	370	mg/L	10	SM2540C
Sulfate	161	mg/L	2.5	300.0
COD	17.5	mg/L	10	410.4
Nitrogen, Ammonia	< .1	mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.4	mg/L	0.1	353.2
Phosphorus, Total	.1	mg/L	0.05	365.1
TKN	.75	mg/L	0.5	351.2
TOC	5.4	mg/L	1	SM5310C
Lab ID #: AC47670	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	1046.2	MPN/100mL	1	SM9223B

**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	