

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:** 2/10/2026 **IDEM Sample #:** AC46804
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	119.5 %		ASTM D888-09(C)
DO	17.38 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1764 umho/cm		SM2510B
Temperature	0 °C		SM2550B(2)
Turbidity (Hach)	2.69 NTU		180.1
pH (Field)	8.08 SU		150.2
Air Temp	2 Lookup		Observation
Sky Conditions	1 Lookup		Observation
Wind Direction	27 Lookup		Observation
Wind Strength	0 Lookup		Observation

Lab ID #: 50423919001	Result	Reporting Limit	Method
Alkalinity (as CaCO3)	299 mg/L	10	SM2320B
Chloride	40.1 mg/L	2.5	300.0
Hardness (as CaCO3)	865 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	< 2.5 mg/L	2.5	SM2540D
Solids, Total (TS)	1390 mg/L	20	SM2540B
Solids, Total Dissolved (TDS)	1310 mg/L	20	SM2540C
Sulfate	658 mg/L	25	300.0
COD	10.7 mg/L	10	410.4
Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.7 mg/L	0.1	353.2
Phosphorus, Total	< .2 mg/L	0.2	365.1
TKN	< .5 mg/L	0.5	351.2
TOC	3.1 mg/L	1	SM5310C

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Surface Water Results Summary

SiteID: WBU-07-0021

Sample Date: 3/3/2026

IDEM Sample #: AC46811

Water Flow Type Run

Water Appearance Clear

Water Depth



Algae?

Water Flow (cf/sec):

☐ Flow Estimated?

☐ Aquatic Life?

Canopy Closed % 0-20%

Sample Comments:

Lab ID #:	Result		Reporting Limit	Method
% Sat	91.4	%		ASTM D888-09(C)
DO	11.62	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1095	umho/cm		SM2510B
Temperature	5	°C		SM2550B(2)
Turbidity (Hach)	3.21	NTU		180.1
pH (Field)	8.36	SU		150.2
Air Temp	2	Lookup		Observation
Sky Conditions	8	Lookup		Observation
Wind Direction	9	Lookup		Observation
Wind Strength	1	Lookup		Observation
Lab ID #: 50425536001	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	202	mg/L	10	SM2320B
Chloride	35.6	mg/L	2.5	300.0
Hardness (as CaCO3)	517	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	2.5	mg/L	2.5	SM2540D
Solids, Total (TS)	848	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	764	mg/L	10	SM2540C
Sulfate	388	mg/L	2.5	300.0
COD	14.6	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	.064	mg/L	0.05	365.1
TKN	.55	mg/L	0.5	351.2
TOC	3.7	mg/L	1	SM5310C

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Surface Water Results Summary

SiteID: WBU-07-0021

Sample Date: 4/6/2026

IDEM Sample #: AC47539

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	88 %		ASTM D888-09(C)
	DO	9.37 mg/L		ASTM D888-09(C)
	Specific Conductance (Field)	708 umho/cm		SM2510B
	Temperature	12.4 °C		SM2550B(2)
	Turbidity (Hach)	15.6 NTU		180.1
	pH (Field)	8.2 SU		150.2
	Air Temp	3	Lookup	Observation
	Sky Conditions	1	Lookup	Observation
	Wind Direction	27	Lookup	Observation
	Wind Strength	3	Lookup	Observation
Lab ID #: 50428284001	Result		Reporting Limit	Method
	Alkalinity (as CaCO3)	152 mg/L	10	SM2320B
	Chloride	23.1 mg/L	2.5	300.0
	Hardness (as CaCO3)	327 mg/L	10	SM2340B
	Solids, Suspended Total, (TSS)	13.3 mg/L	2.5	SM2540D
	Solids, Total (TS)	501 mg/L	10	SM2540B
	Solids, Total Dissolved (TDS)	452 mg/L	10	SM2540C
	Sulfate	174 mg/L	2.5	300.0
	COD	23 mg/L	10	410.4
	Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
	Nitrogen, Nitrate+Nitrite	.63 mg/L	0.1	353.2
	Phosphorus, Total	.066 mg/L	0.05	365.1
	TKN	.69 mg/L	0.5	351.2
	TOC	7.4 mg/L	1	SM5310C
Lab ID #: AC47539	Result		Reporting Limit	Method
	Coliforms (Total)	> 2419.6 MPN/100mL	2419.6	SM9223B
	E. coli	410.6 MPN/100mL	1	SM9223B

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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-07-0022 **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:** 4/6/2026 **IDEM Sample #:** AC47549
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	92.4 %		ASTM D888-09(C)
DO	9.76 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	736 umho/cm		SM2510B
Temperature	12.8 °C		SM2550B(2)
Turbidity (Hach)	13.5 NTU		180.1
pH (Field)	8.21 SU		150.2
Air Temp	3 Lookup		Observation
Sky Conditions	1 Lookup		Observation
Wind Direction	27 Lookup		Observation
Wind Strength	1 Lookup		Observation
Lab ID #: 50428284002	Result	Reporting Limit	Method

Alkalinity (as CaCO3)	162 mg/L	10	SM2320B
Chloride	24.6 mg/L	2.5	300.0
Hardness (as CaCO3)	339 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	13.2 mg/L	2.5	SM2540D
Solids, Total (TS)	532 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	467 mg/L	10	SM2540C
Sulfate	189 mg/L	2.5	300.0
COD	24.3 mg/L	10	410.4
Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.61 mg/L	0.1	353.2
Phosphorus, Total	.06 mg/L	0.05	365.1
TKN	.93 mg/L	0.5	351.2
TOC	6.8 mg/L	1	SM5310C

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

Lab ID #: AC47549		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli		261.3	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	

Indiana Department of Environmental Management

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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:** 4/6/2026 **IDEM Sample #:** AC47552
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	93.8 %		ASTM D888-09(C)
DO	9.84 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	769 umho/cm		SM2510B
Temperature	13.1 °C		SM2550B(2)
Turbidity (Hach)	11.2 NTU		180.1
pH (Field)	8.14 SU		150.2
Air Temp	4 Lookup		Observation
Sky Conditions	1 Lookup		Observation
Wind Direction	27 Lookup		Observation
Wind Strength	1 Lookup		Observation
Lab ID #: 50428284005	Result	Reporting Limit	Method

Alkalinity (as CaCO3)	164 mg/L	10	SM2320B
Chloride	24.1 mg/L	2.5	300.0
Hardness (as CaCO3)	392 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	10.8 mg/L	2.5	SM2540D
Solids, Total (TS)	562 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	488 mg/L	10	SM2540C
Sulfate	210 mg/L	2.5	300.0
COD	21.8 mg/L	10	410.4
Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.61 mg/L	0.1	353.2
Phosphorus, Total	.056 mg/L	0.05	365.1
TKN	.73 mg/L	0.5	351.2
TOC	6.5 mg/L	1	SM5310C

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Surface Water Results Summary**

Lab ID #: AC47552		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli		190.4	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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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:** 4/6/2026 **IDEM Sample #:** AC47553
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	97.3 %		ASTM D888-09(C)
DO	10.11 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	784 umho/cm		SM2510B
Temperature	13.5 °C		SM2550B(2)
Turbidity (Hach)	10.8 NTU		180.1
pH (Field)	8.16 SU		150.2
Air Temp	4 Lookup		Observation
Sky Conditions	1 Lookup		Observation
Wind Direction	27 Lookup		Observation
Wind Strength	1 Lookup		Observation
Lab ID #: 50428284006	Result	Reporting Limit	Method

Alkalinity (as CaCO3)	164 mg/L	10	SM2320B
Chloride	23.9 mg/L	2.5	300.0
Hardness (as CaCO3)	389 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	10.1 mg/L	2.5	SM2540D
Solids, Total (TS)	571 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	501 mg/L	10	SM2540C
Sulfate	217 mg/L	2.5	300.0
COD	22.4 mg/L	10	410.4
Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.61 mg/L	0.1	353.2
Phosphorus, Total	.057 mg/L	0.05	365.1
TKN	.75 mg/L	0.5	351.2
TOC	6.2 mg/L	1	SM5310C

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

Lab ID #: AC47553		<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

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Surface Water Results Summary**

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

Indiana Department of Environmental Management

Office of Water Quality-Watershed Assessment and Planning Branch

Surface Water Results Summary

SiteID: WBU-07-0026 **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:** 3/3/2026 **IDEM Sample #:** AC46812
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	89.5 %		ASTM D888-09(C)
DO	11.36 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	650 umho/cm		SM2510B
Temperature	5.2 °C		SM2550B(2)
Turbidity (Hach)	8.72 NTU		180.1
pH (Field)	8.03 SU		150.2
Air Temp	2 Lookup		Observation
Sky Conditions	8 Lookup		Observation
Wind Direction	9 Lookup		Observation
Wind Strength	1 Lookup		Observation
Lab ID #: 50425536002	Result	Reporting Limit	Method

Alkalinity (as CaCO3)	163 mg/L	10	SM2320B
Chloride	38.6 mg/L	2.5	300.0
Hardness (as CaCO3)	288 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	7.1 mg/L	2.5	SM2540D
Solids, Total (TS)	456 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	395 mg/L	10	SM2540C
Sulfate	123 mg/L	2.5	300.0
COD	17.2 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	.53 mg/L	0.5	351.2
TOC	4 mg/L	1	SM5310C

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Surface Water Results Summary

SiteID: WBU-07-0026

Sample Date: 4/6/2026

IDEM Sample #: AC47554

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	105.2	%		ASTM D888-09(C)
DO	10.49	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	575	umho/cm		SM2510B
Temperature	15.4	°C		SM2550B(2)
Turbidity (Hach)	6.8	NTU		180.1
pH (Field)	8.32	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	27	Lookup		Observation
Wind Strength	2	Lookup		Observation
Lab ID #: 50428284007	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	147	mg/L	10	SM2320B
Chloride	28.5	mg/L	2.5	300.0
Hardness (as CaCO3)	273	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	9	mg/L	2.5	SM2540D
Solids, Total (TS)	372	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	322	mg/L	10	SM2540C
Sulfate	108	mg/L	2.5	300.0
COD	16.9	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	.57	mg/L	0.5	351.2
TOC	5.6	mg/L	1	SM5310C
Lab ID #: AC47554	Result		Reporting Limit	Method
Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	158.5	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	

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:** 4/6/2026 **IDEM Sample #:** AC47555
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	107.9	%		ASTM D888-09(C)
DO	10.39	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	594	umho/cm		SM2510B
Temperature	17.1	°C		SM2550B(2)
Turbidity (Hach)	11.6	NTU		180.1
pH (Field)	8.49	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	27	Lookup		Observation
Wind Strength	1	Lookup		Observation
Lab ID #: 50428284008	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	145	mg/L	10	SM2320B
Chloride	20.4	mg/L	0.25	300.0
Hardness (as CaCO3)	312	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	12.1	mg/L	3.3	SM2540D
Solids, Total (TS)	309	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	360	mg/L	10	SM2540C
Sulfate	142	mg/L	2.5	300.0
COD	27.3	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	.069	mg/L	0.05	365.1
TKN	.98	mg/L	0.5	351.2
TOC	6.6	mg/L	1	SM5310C

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Lab ID #: AC47555		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		1732.9	MPN/100mL	1	SM9223B
E. coli		162.4	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-07-0028 **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:** 4/6/2026 **IDEM Sample #:** AC47556
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	107.2	%		ASTM D888-09(C)
DO	10.37	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	448.7	umho/cm		SM2510B
Temperature	16.9	°C		SM2550B(2)
Turbidity (Hach)	4.46	NTU		180.1
pH (Field)	8.85	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	27	Lookup		Observation
Wind Strength	1	Lookup		Observation
Lab ID #: 50428284009	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	110	mg/L	10	SM2320B
Chloride	18.9	mg/L	0.25	300.0
Hardness (as CaCO3)	198	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	3.2	mg/L	2.5	SM2540D
Solids, Total (TS)	217	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	244	mg/L	10	SM2540C
Sulfate	93.7	mg/L	2.5	300.0
COD	20.5	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	5.5	mg/L	1	SM5310C

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

Lab ID #: AC47556		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		1119.9	MPN/100mL	1	SM9223B
E. coli		56.7	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-07-0029 **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:** 3/3/2026 **IDEM Sample #:** AC46814
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	87.9	%		ASTM D888-09(C)
DO	11.26	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	934	umho/cm		SM2510B
Temperature	4.8	°C		SM2550B(2)
Turbidity (Hach)	22.5	NTU		180.1
pH (Field)	7.92	SU		150.2
Air Temp	2	Lookup		Observation
Sky Conditions	2	Lookup		Observation
Wind Direction	18	Lookup		Observation
Wind Strength	1	Lookup		Observation
Lab ID #: 50425536004	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	162	mg/L	10	SM2320B
Chloride	195	mg/L	2.5	300.0
Hardness (as CaCO3)	291	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	14.9	mg/L	2.5	SM2540D
Solids, Total (TS)	637	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	523	mg/L	10	SM2540C
Sulfate	76.4	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	.14	mg/L	0.1	353.2
Phosphorus, Total	.084	mg/L	0.05	365.1
TKN	.54	mg/L	0.5	351.2
TOC	4	mg/L	1	SM5310C

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

SiteID: WBU-07-0029

Sample Date: 4/6/2026

IDEM Sample #: AC47541

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	100.4 %		ASTM D888-09(C)
	DO	10.22 mg/L		ASTM D888-09(C)
	Specific Conductance (Field)	586 umho/cm		SM2510B
	Temperature	14.5 °C		SM2550B(2)
	Turbidity (Hach)	10.3 NTU		180.1
	pH (Field)	8.06 SU		150.2
	Air Temp	4	Lookup	Observation
	Sky Conditions	1	Lookup	Observation
	Wind Direction	27	Lookup	Observation
	Wind Strength	1	Lookup	Observation
Lab ID #: 50428284011	Result		Reporting Limit	Method
	Alkalinity (as CaCO3)	174 mg/L	10	SM2320B
	Chloride	51.7 mg/L	2.5	300.0
	Hardness (as CaCO3)	267 mg/L	10	SM2340B
	Solids, Suspended Total, (TSS)	6.6 mg/L	2.5	SM2540D
	Solids, Total (TS)	373 mg/L	10	SM2540B
	Solids, Total Dissolved (TDS)	247 mg/L	10	SM2540C
	Sulfate	46.1 mg/L	2.5	300.0
	COD	24.3 mg/L	10	410.4
	Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
	Nitrogen, Nitrate+Nitrite	1.5 mg/L	0.1	353.2
	Phosphorus, Total	.063 mg/L	0.05	365.1
	TKN	.55 mg/L	0.5	351.2
	TOC	5.6 mg/L	1	SM5310C
Lab ID #: AC47541	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**

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:** 4/7/2026 **IDEM Sample #:** AC47543
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	94 %		ASTM D888-09(C)
DO	10.63 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	538 umho/cm		SM2510B
Temperature	9.8 °C		SM2550B(2)
Turbidity (Hach)	7.14 NTU		180.1
pH (Field)	8.02 SU		150.2
Air Temp	2 Lookup		Observation
Sky Conditions	1 Lookup		Observation
Wind Direction	27 Lookup		Observation
Wind Strength	1 Lookup		Observation
Lab ID #: 50428284013	Result	Reporting Limit	Method

Alkalinity (as CaCO3)	147 mg/L	10	SM2320B
Chloride	35.4 mg/L	2.5	300.0
Hardness (as CaCO3)	250 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	4.2 mg/L	2.5	SM2540D
Solids, Total (TS)	346 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	314 mg/L	10	SM2540C
Sulfate	68.1 mg/L	2.5	300.0
COD	22.4 mg/L	10	410.4
Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	1.8 mg/L	0.1	353.2
Phosphorus, Total	.13 mg/L	0.05	365.1
TKN	.68 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 #: AC47543		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli		547.5	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-07-0032 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: 4/7/2026 IDEM Sample #: AC47544
Water Flow Type Run Water Appearance Clear Water Depth ☐
Algae?
Water Flow (cf/sec): ☐ Flow Estimated? ☐ Aquatic Life? Canopy Closed % 0-20%
Sample Comments:

Lab ID #:	Result	Reporting Limit	Method
% Sat	96 %		ASTM D888-09(C)
DO	10.65 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1164 umho/cm		SM2510B
Temperature	10.6 °C		SM2550B(2)
Turbidity (Hach)	6.03 NTU		180.1
pH (Field)	8.17 SU		150.2
Air Temp	2 Lookup		Observation
Sky Conditions	1 Lookup		Observation
Wind Direction	27 Lookup		Observation
Wind Strength	1 Lookup		Observation
Lab ID #: 50428284014	Result	Reporting Limit	Method

Alkalinity (as CaCO3)	202 mg/L	10	SM2320B
Chloride	18 mg/L	0.25	300.0
Hardness (as CaCO3)	662 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	3.7 mg/L	2.5	SM2540D
Solids, Total (TS)	942 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	424 mg/L	10	SM2540C
Sulfate	494 mg/L	2.5	300.0
COD	17.2 mg/L	10	410.4
Nitrogen, Ammonia	.2 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.58 mg/L	0.1	353.2
Phosphorus, Total	< .05 mg/L	0.05	365.1
TKN	.9 mg/L	0.5	351.2
TOC	5.5 mg/L	1	SM5310C

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

Lab ID #: AC47544		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli		307.6	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-07-0033 **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:** 2/10/2026 **IDEM Sample #:** AC46808
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	77 %		ASTM D888-09(C)
DO	11.16 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	2049 umho/cm		SM2510B
Temperature	.1 °C		SM2550B(2)
Turbidity (Hach)	4.9 NTU		180.1
pH (Field)	7.92 SU		150.2
Air Temp	2 Lookup		Observation
Sky Conditions	1 Lookup		Observation
Wind Direction	27 Lookup		Observation
Wind Strength	0 Lookup		Observation
Lab ID #: 50423919002	Result	Reporting Limit	Method

Alkalinity (as CaCO3)	262 mg/L	10	SM2320B
Chloride	21.9 mg/L	2.5	300.0
Hardness (as CaCO3)	1270 mg/L	20	SM2340B
Solids, Suspended Total, (TSS)	3.9 mg/L	2.5	SM2540D
Solids, Total (TS)	1760 mg/L	20	SM2540B
Solids, Total Dissolved (TDS)	1670 mg/L	20	SM2540C
Sulfate	968 mg/L	25	300.0
COD	16.1 mg/L	10	410.4
Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.29 mg/L	0.1	353.2
Phosphorus, Total	< .2 mg/L	0.2	365.1
TKN	.87 mg/L	0.5	351.2
TOC	3.9 mg/L	1	SM5310C

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

SiteID: WBU-07-0033

Sample Date: 3/3/2026

IDEM Sample #: AC46815

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	89.6	%		ASTM D888-09(C)
DO	11.29	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1459	umho/cm		SM2510B
Temperature	5.3	°C		SM2550B(2)
Turbidity (Hach)	11.6	NTU		180.1
pH (Field)	8.07	SU		150.2
Air Temp	2	Lookup		Observation
Sky Conditions	8	Lookup		Observation
Wind Direction	18	Lookup		Observation
Wind Strength	1	Lookup		Observation
Lab ID #: 50425536005	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	203	mg/L	10	SM2320B
Chloride	30.4	mg/L	2.5	300.0
Hardness (as CaCO3)	807	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	9	mg/L	2.5	SM2540D
Solids, Total (TS)	1250	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	1140	mg/L	10	SM2540C
Sulfate	587	mg/L	25	300.0
COD	18.5	mg/L	10	410.4
Nitrogen, Ammonia	.2	mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.36	mg/L	0.1	353.2
Phosphorus, Total	< .05	mg/L	0.05	365.1
TKN	.91	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

SiteID: WBU-07-0033

Sample Date: 4/7/2026

IDEM Sample #: AC47546

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	9.54	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1092	umho/cm		SM2510B
Temperature	11.7	°C		SM2550B(2)
Turbidity (Hach)	7.08	NTU		180.1
pH (Field)	8.09	SU		150.2
Air Temp	2	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	27	Lookup		Observation
Wind Strength	1	Lookup		Observation
Lab ID #: 50428284016	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	169	mg/L	10	SM2320B
Chloride	19.4	mg/L	0.25	300.0
Hardness (as CaCO3)	596	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	6.5	mg/L	2.5	SM2540D
Solids, Total (TS)	869	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	470	mg/L	10	SM2540C
Sulfate	451	mg/L	2.5	300.0
COD	24.7	mg/L	10	410.4
Nitrogen, Ammonia	.14	mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.28	mg/L	0.1	353.2
Phosphorus, Total	.053	mg/L	0.05	365.1
TKN	.9	mg/L	0.5	351.2
TOC	6.3	mg/L	1	SM5310C
Lab ID #: AC47546	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**

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: 4/7/2026 IDEM Sample #: AC47548
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	88.5 %		ASTM D888-09(C)
DO	9.4 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	939 umho/cm		SM2510B
Temperature	12.5 °C		SM2550B(2)
Turbidity (Hach)	9.16 NTU		180.1
pH (Field)	7.93 SU		150.2
Air Temp	2 Lookup		Observation
Sky Conditions	1 Lookup		Observation
Wind Direction	27 Lookup		Observation
Wind Strength	1 Lookup		Observation
Lab ID #: 50428284018	Result	Reporting Limit	Method

Alkalinity (as CaCO3)	131 mg/L	10	SM2320B
Chloride	8.5 mg/L	0.25	300.0
Hardness (as CaCO3)	444 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	13.6 mg/L	2.9	SM2540D
Solids, Total (TS)	723 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	369 mg/L	10	SM2540C
Sulfate	393 mg/L	2.5	300.0
COD	30.2 mg/L	10	410.4
Nitrogen, Ammonia	.13 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	1.1 mg/L	0.5	351.2
TOC	7.1 mg/L	1	SM5310C

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

Lab ID #: AC47548		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli		172.2	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	

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:** 4/7/2026 **IDEM Sample #:** AC47547
Water Flow Type Run **Water Appearance** Clear **Water Depth** ☐ **Algae?**
Water Flow (cf/sec): ☐ **Flow Estimated?** ☐ **Aquatic Life?** **Canopy Closed %** 0-20%
Sample Comments:

Lab ID #:	Result		Reporting Limit	Method
% Sat	93.5	%		ASTM D888-09(C)
DO	9.81	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1283	umho/cm		SM2510B
Temperature	13	°C		SM2550B(2)
Turbidity (Hach)	6.94	NTU		180.1
pH (Field)	8.21	SU		150.2
Air Temp	2	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	27	Lookup		Observation
Wind Strength	1	Lookup		Observation
Lab ID #: 50428284017	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	197	mg/L	10	SM2320B
Chloride	22.2	mg/L	0.25	300.0
Hardness (as CaCO3)	774	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	6.8	mg/L	2.5	SM2540D
Solids, Total (TS)	1080	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	513	mg/L	10	SM2540C
Sulfate	514	mg/L	25	300.0
COD	27.6	mg/L	10	410.4
Nitrogen, Ammonia	< .1	mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.16	mg/L	0.1	353.2
Phosphorus, Total	< .05	mg/L	0.05	365.1
TKN	.9	mg/L	0.5	351.2
TOC	6.2	mg/L	1	SM5310C

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

Lab ID #: AC47547		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli		488.4	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-07-0037 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: 4/6/2026 IDEM Sample #: AC47542
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	109.7	%		ASTM D888-09(C)
DO	11	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	554	umho/cm		SM2510B
Temperature	15.2	°C		SM2550B(2)
Turbidity (Hach)	10.1	NTU		180.1
pH (Field)	8.33	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	27	Lookup		Observation
Wind Strength	1	Lookup		Observation
Lab ID #: 50428284012	Result		Reporting Limit	Method

Alkalinity (as CaCO3)	163	mg/L	10	SM2320B
Chloride	57.6	mg/L	2.5	300.0
Hardness (as CaCO3)	229	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	4.2	mg/L	2.5	SM2540D
Solids, Total (TS)	351	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	234	mg/L	10	SM2540C
Sulfate	29.2	mg/L	0.25	300.0
COD	25.3	mg/L	10	410.4
Nitrogen, Ammonia	< .1	mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	2.4	mg/L	0.1	353.2
Phosphorus, Total	.076	mg/L	0.05	365.1
TKN	.83	mg/L	0.5	351.2
TOC	6.4	mg/L	1	SM5310C

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

Lab ID #: AC47542		<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**

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:** 3/3/2026 **IDEM Sample #:** AC46813
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	88.9 %		ASTM D888-09(C)
DO	11.31 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1495 umho/cm		SM2510B
Temperature	5 °C		SM2550B(2)
Turbidity (Hach)	8.77 NTU		180.1
pH (Field)	8.1 SU		150.2
Air Temp	2	Lookup	Observation
Sky Conditions	8	Lookup	Observation
Wind Direction	18	Lookup	Observation
Wind Strength	1	Lookup	Observation
Lab ID #: 50425536003	Result	Reporting Limit	Method

Alkalinity (as CaCO3)	231 mg/L	10	SM2320B
Chloride	27.1 mg/L	2.5	300.0
Hardness (as CaCO3)	736 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	7.6 mg/L	2.5	SM2540D
Solids, Total (TS)	1230 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	1150 mg/L	10	SM2540C
Sulfate	567 mg/L	25	300.0
COD	11.1 mg/L	10	410.4
Nitrogen, Ammonia	.12 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	1.1 mg/L	0.1	353.2
Phosphorus, Total	.055 mg/L	0.05	365.1
TKN	.68 mg/L	0.5	351.2
TOC	3.4 mg/L	1	SM5310C

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

SiteID: WBU-07-0038

Sample Date: 4/6/2026

IDEM Sample #: AC47540

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	98.8	%		ASTM D888-09(C)
DO	10.15	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	943	umho/cm		SM2510B
Temperature	14	°C		SM2550B(2)
Turbidity (Hach)	10.5	NTU		180.1
pH (Field)	8.12	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	27	Lookup		Observation
Wind Strength	1	Lookup		Observation
Lab ID #: 50428284010	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	171	mg/L	10	SM2320B
Chloride	21.1	mg/L	0.25	300.0
Hardness (as CaCO3)	501	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	9	mg/L	2.5	SM2540D
Solids, Total (TS)	715	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	648	mg/L	10	SM2540C
Sulfate	329	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	.73	mg/L	0.1	353.2
Phosphorus, Total	.059	mg/L	0.05	365.1
TKN	.76	mg/L	0.5	351.2
TOC	6.4	mg/L	1	SM5310C
Lab ID #: AC47540	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**

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:** 4/7/2026 **IDEM Sample #:** AC47545
Water Flow Type: Run **Water Appearance:** Clear **Water Depth:** ☐ **Algae?**
Water Flow (cf/sec): ☐ **Flow Estimated?** ☐ **Aquatic Life?** **Canopy Closed %:** 0-20%
Sample Comments:

Lab ID #:	Result	Reporting Limit	Method
% Sat	91 %		ASTM D888-09(C)
DO	10.03 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	1108 umho/cm		SM2510B
Temperature	10.9 °C		SM2550B(2)
Turbidity (Hach)	6.57 NTU		180.1
pH (Field)	8.07 SU		150.2
Air Temp	2 Lookup		Observation
Sky Conditions	1 Lookup		Observation
Wind Direction	27 Lookup		Observation
Wind Strength	1 Lookup		Observation
Lab ID #: 50428284015	Result	Reporting Limit	Method

Alkalinity (as CaCO3)	180 mg/L	10	SM2320B
Chloride	19.5 mg/L	0.25	300.0
Hardness (as CaCO3)	606 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	4.7 mg/L	2.5	SM2540D
Solids, Total (TS)	854 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	308 mg/L	10	SM2540C
Sulfate	447 mg/L	2.5	300.0
COD	21.4 mg/L	10	410.4
Nitrogen, Ammonia	.22 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.54 mg/L	0.1	353.2
Phosphorus, Total	< .05 mg/L	0.05	365.1
TKN	.88 mg/L	0.5	351.2
TOC	5.9 mg/L	1	SM5310C

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

Lab ID #: AC47545		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli		488.4	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: 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:** 4/6/2026 **IDEM Sample #:** AC47551
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	110	%		ASTM D888-09(C)
DO	11.95	mg/L		ASTM D888-09(C)
Specific Conductance (Field)	672	umho/cm		SM2510B
Temperature	11.6	°C		SM2550B(2)
Turbidity (Hach)	4.45	NTU		180.1
pH (Field)	8.39	SU		150.2
Air Temp	4	Lookup		Observation
Sky Conditions	1	Lookup		Observation
Wind Direction	27	Lookup		Observation
Wind Strength	1	Lookup		Observation
Lab ID #: 50428284004	Result		Reporting Limit	Method
Alkalinity (as CaCO3)	226	mg/L	10	SM2320B
Chloride	46.2	mg/L	2.5	300.0
Hardness (as CaCO3)	305	mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	< 2.5	mg/L	2.5	SM2540D
Solids, Total (TS)	410	mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	365	mg/L	10	SM2540C
Sulfate	56.7	mg/L	2.5	300.0
COD	16.9	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	.2	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 #: AC47551		<u>Result</u>		<u>Reporting Limit</u>	<u>Method</u>
Coliforms (Total)		1986.3	MPN/100mL	1	SM9223B
E. coli		435.2	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	

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:** 4/6/2026 **IDEM Sample #:** AC47550
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	91.2 %		ASTM D888-09(C)
DO	9.7 mg/L		ASTM D888-09(C)
Specific Conductance (Field)	756 umho/cm		SM2510B
Temperature	12.5 °C		SM2550B(2)
Turbidity (Hach)	13.2 NTU		180.1
pH (Field)	8.15 SU		150.2
Air Temp	3 Lookup		Observation
Sky Conditions	1 Lookup		Observation
Wind Direction	27 Lookup		Observation
Wind Strength	2 Lookup		Observation
Lab ID #: 50428284003	Result	Reporting Limit	Method

Alkalinity (as CaCO3)	167 mg/L	10	SM2320B
Chloride	24.6 mg/L	2.5	300.0
Hardness (as CaCO3)	359 mg/L	10	SM2340B
Solids, Suspended Total, (TSS)	10.1 mg/L	2.5	SM2540D
Solids, Total (TS)	529 mg/L	10	SM2540B
Solids, Total Dissolved (TDS)	483 mg/L	10	SM2540C
Sulfate	199 mg/L	2.5	300.0
COD	21.4 mg/L	10	410.4
Nitrogen, Ammonia	< .1 mg/L	0.1	350.1
Nitrogen, Nitrate+Nitrite	.6 mg/L	0.1	353.2
Phosphorus, Total	.056 mg/L	0.05	365.1
TKN	.84 mg/L	0.5	351.2
TOC	6.5 mg/L	1	SM5310C

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

Lab ID #: AC47550

Result

Reporting Limit

Method

Coliforms (Total)	> 2419.6	MPN/100mL	2419.6	SM9223B
E. coli	307.6	MPN/100mL	1	SM9223B

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	