

CR 10 - Cobus Creek

DATE	TIME	TEMP	DO	SPC	PH	NITRATES	PHOSPHORUS	CHLORIDES	TSS	E. COLI	RAINING	WET
4/23/2015	11:55	9.4	9.56	349.4	7.83	0.583	0.134	23.89	4.5	27	N	N
4/30/2015	12:10	11.2	7.54	387.4	6.01	0.454	0.142	56.81		58	N	N
5/7/2015	12:00	19.7	7.39	358.1	7.71	0.542	0.776	26.4	9.8	88	N	N
5/14/2015	12:20	15.8	7.76	352.6	7.83	0.549	0.085	29.14		360	N	N
5/21/2015	11:40	12.12	8.04	360.0	7.89	0.626	3.340	30.50	4.7	144	N	N
5/28/2015	11:35	18.1	6.92	359.4	7.86	0.451	0.134	25.08		223	N	Y
6/4/2015	11:25	19.0	6.78	340.1	7.22	0.518	0.890	25.13	10.6	610	N	N
6/11/2015	11:35	20.5	5.95	343.6	7.75	0.468	EQUIP ISSUES	25.96		515	N	N
6/18/2015	11:50	20.9	6.32	338.7	7.68	0.552	EQUIP ISSUES	27.24	12.5	420	N	Y
6/25/2015	11:10	22.1	7.42	412.6	7.48	0.474	EQUIP ISSUES	48.96		360	N	N
7/2/2015	10:55	17.4	5.94	337.6	7.72	0.412	0.144	20.83	13	LAB CLSD	N	N
7/9/2015	11:20	17.3	6.65	323.9	7.62	0.596	0.372	19.48		1100	N	Y
7/16/2015	11:30	19.6	6.49	325.6	7.53	0.518	0.234	14.27	17.7	259	N	N
7/23/2015	11:05	19.2	6.58	335.2	7.61	0.486	0.210	24.91		236	N	N
7/30/2015	10:55	18.2	6.71	347.7	7.8	0.454	0.270	24.56	7.8	194	N	N
8/6/2015	11:10			YSI INOPERABLE		0.569	0.133			188	N	N
8/13/2015	10:55			YSI INOPERABLE		0.348	0.248		7.2		N	N
8/20/2015	11:00			YSI INOPERABLE		0.357	0.261			282	N	N
8/27/2015	10:50			YSI INOPERABLE		0.459	0.312		2.6		N	N
9/3/2015	10:50			YSI INOPERABLE		0.299	0.512			285	N	N
9/10/2015	11:00			YSI INOPERABLE		0.418	1.030		2.5		N	N
9/17/2015	11:20			YSI INOPERABLE		0.353	0.421			390	N	N
9/24/2015	11:10			YSI INOPERABLE		0.468	0.542		4.63		N	N

51860 Meadow Creek Drive

DATE	TIME	TEMP	DO	SPC	PH	NITRATES	PHOSPHORUS	CHLORIDES	TSS	E. COLI	RAINING	WET
4/21/2015	11:45	11.0	9.01	425.1	7.67	1.410	0.122	19.30	2	67	N	Y
4/28/2015	12:15	12.4	8.95	426.0	7.41	1.430	0.084	25.23	3	10	N	N
5/12/2015	12:00	17.1	7.16	427.8	7.45	1.060	0.810	18.86	3	248	N	Y
5/19/2015	12:20	16.9	7.17	433.9	7.56	1.010	0.802	22.09	2	54	N	N
5/26/2015	11:15	18.8	6.99	442.9	7.93	1.220	0.145	22.53	2	75	N	N
6/2/2015	11:30	18.8	7.52	415.7	7.59	0.881	1.040	19.60	43	148	N	N

SITE ELIMINATED - BRIDGE ON CR 4 REOPENED



# GOSHEN ENGINEERING E-COLI ANALYSIS

Procedure: **Quanti-Tray\ MPN**

Incubation: **DRY BATH**

Culture Media: **Colilert**

Location:

Media Lot #: MK802

Standard Method - SM 9223 Colert QT

Date: <u>7/24/15</u>		Time Collected: <u>8:15<sup>am</sup></u>		Init.: <u>/JCK</u>		Notes: 1. Collected 5' deep 2. Water calm
Outfall #: <u>1</u>		Outfall Typ.: Pipe Creek Other				
Dray Bath (24 ± 2) <input checked="" type="checkbox"/>		In: <u>9:41 AM</u>		Out: <u>9:27 AM</u>		
35°±0.5°C <input checked="" type="checkbox"/>		<b>Colonies</b>		<b>Colonies/100 mls</b>		
<b>Volume</b>	<b>Temp.</b>	Large Wells	Small Wells			
100 ml		<u>2</u>	<u>0</u>	<u>2.0</u>		

Date: <u>7/24/15</u>		Time Collected: <u>8:25<sup>am</sup></u>		Init.: <u>/JCK</u>		Notes: 1. Collected 5' deep 2. Water Calm
Outfall #: <u>2</u>		Outfall Typ.: Pipe Creek Other				
Dray Bath (24 ± 2) <input checked="" type="checkbox"/>		In: <u>9:41 AM</u>		Out: <u>9:27 AM</u>		
35°±0.5°C <input checked="" type="checkbox"/>		<b>Colonies</b>		<b>Colonies/100 mls</b>		
<b>Volume</b>	<b>Temp.</b>	Large Wells	Small Wells			
100 ml		<u>0</u>	<u>0</u>	<u>Zero</u>		

Date: <u>7/24/15</u>		Time Collected: <u>8:33<sup>am</sup></u>		Init.: <u>/JCK</u>		Notes: 1. Collected 5' deep 2. Water Calm
Outfall #: <u>3</u>		Outfall Typ.: Pipe Creek Other				
Dray Bath (24 ± 2) <input checked="" type="checkbox"/>		In: <u>9:41 AM</u>		Out: <u>9:27 AM</u>		
35°±0.5°C <input checked="" type="checkbox"/>		<b>Colonies</b>		<b>Colonies/100 mls</b>		
<b>Volume</b>	<b>Temp.</b>	Large Wells	Small Wells			
100 ml		<u>2</u>	<u>0</u>	<u>2.0</u>		

Date: ___/___/___		Time Collected: _____		Init.: _____		Notes:
Outfall #: _____		Outfall Typ.: Pipe Creek Other				
Dray Bath (24 ± 2) <input type="checkbox"/>		In: _____		Out: _____		
35°±0.5°C <input type="checkbox"/>		<b>Colonies</b>		<b>Colonies/100 mls</b>		
<b>Volume</b>	<b>Temp.</b>	Large Wells	Small Wells			
100 ml						


Date: ___/___/___		Time Collected: _____		Init.: _____		Notes:
Outfall #: _____		Outfall Typ.: Pipe Creek Other				
Dray Bath (24 ± 2) <input type="checkbox"/>		In: _____		Out: _____		
35°±0.5°C <input type="checkbox"/>		<b>Colonies</b>		<b>Colonies/100 mls</b>		
<b>Volume</b>	<b>Temp.</b>	Large Wells	Small Wells			
100 ml						

Date: ___/___/___		Time Collected: _____		Init.: _____		Notes:
Outfall #: _____		Outfall Typ.: Pipe Creek Other				
Dray Bath (24 ± 2) <input type="checkbox"/>		In: _____		Out: _____		
35°±0.5°C <input type="checkbox"/>		<b>Colonies</b>		<b>Colonies/100 mls</b>		
<b>Volume</b>	<b>Temp.</b>	Large Wells	Small Wells			
100 ml						

# At end of 2015 Sampling Season

## THURSDAY SURFACE WATER SAMPLES

DATE \_\_\_\_\_ 2015 WET EVENT Y N

#	SITE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TAG #	
21	Rock Run Creek CR 21	7 yrs									
26	Rock Run Creek CR 34	8 yrs.									
10	Horn Ditch CR 31	8 yrs.									
23	Elkhart River CR 43	Historical sites 									
1	Elkhart River CR 40										
22	Elkhart River Indiana Avenue										
2	Elkhart River Old CR 17										
4	Heaton Lake Ideal Beach										
5	Heaton Lake 22892 Lake Shore										
6	Simonton Lake 51093 Beach Drive										
7	Simonton Lake 51330 SR 19										
200	Cobus Creek CR 10		2 yrs.								

SAMPLED BY \_\_\_\_\_ RECEIVED BY \_\_\_\_\_  
 RELINQUISHED BY \_\_\_\_\_ LAB ARRIVAL TIME \_\_\_\_\_  
 ANALYSIS BY \_\_\_\_\_ DATE \_\_\_\_\_

# At end of 2015 Sampling Season

## TUESDAY SURFACE WATER SAMPLES

DATE \_\_\_\_\_ 2015 WET EVENT Y N

#	SITE	TIME	TEMP	DO	SPC	PH	NO3	PO4	CHLORIDES	TAG #
100	Shaffer Ditch CR 113 & CR 26	3yrs								
110	Hoke Ditch CR 11	3yrs								
120	Owl Creek CR 11	3yrs								
62	Yellow Creek CR 32	3yrs								
130	Little Yellow Creek CR 13	3yrs								
66	Yellow Creek CR 138	6yrs	Site is downstream of SW							
68	Yellow Creek CR 11	6yrs								
70	Weaver Ditch CR 44	6yrs	Site is downstream of Foraker							
85	Turkey Creek CR 17	5yrs								
88	Turkey Creek CR 50	5yrs								
90	Swoveland Ditch CR 21	5yrs								
60	Yellow Creek CR 18	4yrs								
50	Christiana Creek CR 4	7yrs	Control Stream							
53	Christiana Creek 51860 Meadow Crk. Dr.	Replacement site for 6 wks while bridge was closed.								

SAMPLED BY \_\_\_\_\_ RECEIVED BY \_\_\_\_\_  
 RELINQUISHED BY \_\_\_\_\_ LAB ARRIVAL TIME \_\_\_\_\_  
 ANALYSIS BY \_\_\_\_\_ DATE \_\_\_\_\_