

Temp 32°C at time of reading



Large Wells=49
Small Wells=48

GOSHEN WASTEWATER

E - COLI ANALYSIS

FOR PRESENCE OF

E.coli in Rock

Incubation: DRY BATH

Rock Run Creek
= RRC

Horn Ditch = HD

Procedure: Quanti-Tray \ MPN

Culture Media: Colilert

Run Creek and

Location: FINAL CLARIFIER (s)

Media Lot #: GM350

Horn Ditch

Standard Method - SM 9223 Colert QT

Dry Weather Event

RRC

Date: 09 / 19 / 16 Time Collected: 10:34am
 Analyst: Jason Kauffman Indiana Ave
 Dry Bath (24 ± 2 hrs) In: 1:01 pm Out: 12:01 pm
 35° ± 0.5° C Colonies/100 mls

Volume	Dish #	Large Wells	Small Wells	261.3
100 ml	East	49	15	
100 ml	West			

RRC

Date: 09 / 19 / 16 Time Collected: 10:34am
 Analyst: Jason Kauffman Indiana Ave
 Dry Bath (24 ± 2 hrs) In: 1:01 pm Out: 12:01 pm
 35° ± 0.5° C Colonies/50 mls

Volume	Dish #	Large Wells	Small Wells	383.6
100 ml	East	47	15	
100 ml	West			

RRC

Date: 09 / 19 / 16 Time Collected: 10:56
 Analyst: Jason Kauffman Lincoln Ave
 Dry Bath (24 ± 2 hrs) In: 1:01 pm Out: 12:01 pm
 35° ± 0.5° C Colonies/100 mls

Volume	Dish #	Large Wells	Small Wells	579.4
100 ml	East	49	29	
100 ml	West			

RRC

Date: 09 / 19 / 16 Time Collected: 10:56am
 Analyst: Jason Kauffman Lincoln Ave
 Dry Bath (24 ± 2 hrs) In: 1:01 pm Out: 12:01 pm
 35° ± 0.5° C Colonies/50 mls

Volume	Dish #	Large Wells	Small Wells	387
100 ml	East	48	12	
100 ml	West			

RRC

Date: 09 / 19 / 16 Time Collected: 11:15am
 Analyst: Jason Kauffman Monroe St (West)
 Dry Bath (24 ± 2 hrs) In: 1:01 pm Out: 12:01 pm
 35° ± 0.5° C Colonies/100 mls

Volume	Dish #	Large Wells	Small Wells	86.4
100 ml	East	49		
100 ml	West	49	35	

RRC

Date: 09 / 19 / 16 Time Collected: 11:15am
 Analyst: Jason Kauffman Monroe Street (West)
 Dry Bath (24 ± 2 hrs) In: 1:01 pm Out: 12:01 pm
 35° ± 0.5° C Colonies/50 mls

Volume	Dish #	Large Wells	Small Wells	922.2
100 ml	East			
100 ml	West	49	25	

RRC

Date: 09 / 19 / 16 Time Collected: 11:23am
 Analyst: Jason Kauffman Monroe St (East)
 Dry Bath (24 ± 2 hrs) In: 1:01 pm Out: 12:01 pm
 35° ± 0.5° C Colonies/100 mls

Volume	Dish #	Large Wells	Small Wells	686.7
100 ml	East	49	32	
100 ml	West			

RRC

Date: 09 / 19 / 16 Time Collected: 11:23am
 Analyst: Jason Kauffman Monroe St (East)
 Dry Bath (24 ± 2 hrs) In: 1:01 pm Out: 12:01 pm
 35° ± 0.5° C Colonies/50 mls

Volume	Dish #	Large Wells	Small Wells	651
100 ml	East	49	19	
100 ml	West			

HD

Date: 09 / 19 / 16 Time Collected: 11:36am
 Analyst: Jason Kauffman College Ave
 Dry Bath (24 ± 2 hrs) In: 1:01 pm Out: 12:01 pm
 35° ± 0.5° C Colonies/100 mls

Volume	Dish #	Large Wells	Small Wells	209.8
100 ml	East	48	14	
100 ml	West			

HD

Date: 09 / 19 / 16 Time Collected: 11:36am
 Analyst: Jason Kauffman College Ave
 Dry Bath (24 ± 2 hrs) In: 1:01 pm Out: 12:01 pm
 35° ± 0.5° C Colonies/50 mls

Volume	Dish #	Large Wells	Small Wells	270.8
100 ml	East	45	10	
100 ml	West			



Temp 35.6°C

GOSHEN WASTEWATER E - COLI ANALYSIS

9/26/16

Wet Weather Event

Rock Run Creek = RRC
Horn Ditch = HD

Procedure: **Quanti-Tray \ MPN**

Culture Media: **Colilert**

Incubation: **DRY BATH**

Location: **FINAL CLARIFIER (s)**

Media Lot #: **CM350**

Standard Method - **SM 9223 Colert QT**

RRC at Indiana Ave

Date: 9/26/16 Time Collected: 10:42 am
 Analyst: Jason Kauffman and Larry Keil
 Dry Bath (24 ± 2 hrs) In: 12:25 pm Out: 12:10 pm
 35° ± 0.5° C Colonies/100 mls

Volume	Dish #	Large Wells	Small Wells
100 ml	East	2	28
100 ml	West	49	28
100 ml	Manhole		

31.1
547.5

RRC at Indiana Ave

Date: 9/26/16 Time Collected: 10:42 am
 Analyst: Jason Kauffman and Larry Keil
 Dry Bath (24 ± 2 hrs) In: 12:25 pm Out: 12:00 pm
 35° ± 0.5° C Colonies/100 mls

Volume	Dish #	Large Wells	Small Wells
100 ml	East		
100 ml	West	49	21
100 ml	Manhole		

50
730.8

RRC at Pumpkin Vine Bridge

Date: 9/26/16 Time Collected: 10:55 am
 Analyst: Jason Kauffman and Larry Keil
 Dry Bath (24 ± 2 hrs) In: 12:25 pm Out: 12:10 pm
 35° ± 0.5° C Colonies/100 mls

Volume	Dish #	Large Wells	Small Wells
100 ml	East	85	32
100 ml	West	46	32
100 ml	Manhole		

39.9
308.8

RRC at Pumpkinvine Bridge

Date: 9/26/16 Time Collected: 10:55 am
 Analyst: Jason Kauffman and Larry Keil
 Dry Bath (24 ± 2 hrs) In: 12:25 pm Out: 12:00 pm
 35° ± 0.5° C Colonies/100 mls

Volume	Dish #	Large Wells	Small Wells
100 ml	East		
100 ml	West	49	17
100 ml	Manhole		

50
531.8

RRC at ~~Monroe~~ Lincoln Ave

Date: 9/26/16 Time Collected: 11:03 am
 Analyst: Jason Kauffman and Larry Keil
 Dry Bath (24 ± 2 hrs) In: 12:25 pm Out: 12:10 pm
 35° ± 0.5° C Colonies/100 mls

Volume	Dish #	Large Wells	Small Wells
100 ml	East	4	41
100 ml	West	49	41
100 ml	Manhole		

1203.3
43.6

RRC at Lincoln Ave

Date: 9/26/16 Time Collected: 11:03 am
 Analyst: Jason Kauffman and Larry Keil
 Dry Bath (24 ± 2 hrs) In: 12:25 pm Out: 12:10 pm
 35° ± 0.5° C Colonies/100 mls

Volume	Dish #	Large Wells	Small Wells
100 ml	East		
100 ml	West	49	37
100 ml	Manhole		

50
1841.6

RRC at Monroe W

Date: 9/26/16 Time Collected: 11:12 am
 Analyst: Jason Kauffman and Larry Keil
 Dry Bath (24 ± 2 hrs) In: 12:25 pm Out: 12:10 pm
 35° ± 0.5° C Colonies/100 mls

Volume	Dish #	Large Wells	Small Wells
100 ml	East	49	48
100 ml	West		
100 ml	Manhole		

2419.6
51.2

RRC at Monroe W

Date: 9/26/16 Time Collected: 11:12 am
 Analyst: Jason Kauffman and Larry Keil
 Dry Bath (24 ± 2 hrs) In: 12:25 pm Out: 12:10 pm
 35° ± 0.5° C Colonies/100 mls

Volume	Dish #	Large Wells	Small Wells
100 ml	East	49	48 44
100 ml	West		
100 ml	Manhole		

50
3465.8
3106.2

RRC at Monroe E

Date: 9/26/16 Time Collected: 11:20 am
 Analyst: Jason Kauffman and Larry Keil
 Dry Bath (24 ± 2 hrs) In: 12:25 pm Out: 12:10 pm
 35° ± 0.5° C Colonies/100 mls

Volume	Dish #	Large Wells	Small Wells
100 ml	East	49	42
100 ml	West		
100 ml	Manhole		

44.7
1299.7

RRC at Monroe E

Date: 9/26/16 Time Collected: 11:20 am
 Analyst: Jason Kauffman and Larry Keil
 Dry Bath (24 ± 2 hrs) In: 12:25 pm Out: 12:10 pm
 35° ± 0.5° C Colonies/100 mls

Volume	Dish #	Large Wells	Small Wells
100 ml	East	48	44
100 ml	West		
100 ml	Manhole		

50
1659.4



GOSHEN WASTEWATER E - COLI ANALYSIS

Procedure: **Quanti-Tray \ MPN**

Culture Media: **Colilert**

Incubation: **DRY BATH**

Location: **FINAL CLARIFIER (s)**

Media Lot #:

Standard Method - SM 9223 Colert QT

HD at College Ave

Date: 9 / 26 / 16 Time Collected: 11:30am
 Analyst: Jason Kauffman and Larry Keil
 Dry Bath (24 ± 2 hrs) In: 12:25pm Out: 12:10pm
 35° ± 0.5° C Colonies/100 mls

Volume	Dish #	Large Wells	Small Wells	> 2419.6
100 ml	East	49	48	
100 ml	West			
100 ml	Manhole			

HD at College Ave

Date: 9 / 26 / 16 Time Collected: 11:30am
 Analyst: Jason Kauffman and Larry Keil
 Dry Bath (24 ± 2 hrs) In: 12:25pm Out: 12:10pm
 35° ± 0.5° C Colonies/100 mls

Volume	Dish #	Large Wells	Small Wells	> 4839.2
100 ml	East	49	48	
100 ml	West			
100 ml	Manhole			

Date: ___ / ___ / ___ Time Collected: _____
 Analyst: _____
 Dry Bath (24 ± 2 hrs) In: _____ Out: _____
 35° ± 0.5° C Colonies/100 mls

Volume	Dish #	Large Wells	Small Wells
100 ml	East		
100 ml	West		
100 ml	Manhole		

Date: ___ / ___ / ___ Time Collected: _____
 Analyst: _____
 Dry Bath (24 ± 2 hrs) In: _____ Out: _____
 35° ± 0.5° C Colonies/100 mls

Volume	Dish #	Large Wells	Small Wells
100 ml	East		
100 ml	West		
100 ml	Manhole		

Date: ___ / ___ / ___ Time Collected: _____
 Analyst: _____
 Dry Bath (24 ± 2 hrs) In: _____ Out: _____
 35° ± 0.5° C Colonies/100 mls

Volume	Dish #	Large Wells	Small Wells
100 ml	East		
100 ml	West		
100 ml	Manhole		

Date: ___ / ___ / ___ Time Collected: _____
 Analyst: _____
 Dry Bath (24 ± 2 hrs) In: _____ Out: _____
 35° ± 0.5° C Colonies/100 mls

Volume	Dish #	Large Wells	Small Wells
100 ml	East		
100 ml	West		
100 ml	Manhole		

Date: ___ / ___ / ___ Time Collected: _____
 Analyst: _____
 Dry Bath (24 ± 2 hrs) In: _____ Out: _____
 35° ± 0.5° C Colonies/100 mls

Volume	Dish #	Large Wells	Small Wells
100 ml	East		
100 ml	West		
100 ml	Manhole		

Date: ___ / ___ / ___ Time Collected: _____
 Analyst: _____
 Dry Bath (24 ± 2 hrs) In: _____ Out: _____
 35° ± 0.5° C Colonies/100 mls

Volume	Dish #	Large Wells	Small Wells
100 ml	East		
100 ml	West		
100 ml	Manhole		

Date: ___ / ___ / ___ Time Collected: _____
 Analyst: _____
 Dry Bath (24 ± 2 hrs) In: _____ Out: _____
 35° ± 0.5° C Colonies/100 mls

Volume	Dish #	Large Wells	Small Wells
100 ml	East		
100 ml	West		
100 ml	Manhole		

Date: ___ / ___ / ___ Time Collected: _____
 Analyst: _____
 Dry Bath (24 ± 2 hrs) In: _____ Out: _____
 35° ± 0.5° C Colonies/100 mls

Volume	Dish #	Large Wells	Small Wells
100 ml	East		
100 ml	West		
100 ml	Manhole		