

EAL - EASTERN ANALYTICAL LABORATORY, INC.

134 Boston Post Road, Old Saybrook, CT 06475

860-388-2378

PH0448

BATHING WATER REPORT - for Freshwater

REPORT TO: Hidden Lake Assoc. c/o Jay Cassella
12 Shore Dr.
Higganum, CT 06441

SAMPLING INFORMATION:

SAMPLE # WP1722-6

TOWN: Higganum SOURCE (NAME OF BODY OF WATER) Hidden Lake

STATION NUMBER (or location) East Shore Beach

DATE & TIME COLLECTED: 6/20/22 10:47am Collected by: James Nicholson

PREVIOUS 48 HR. RAINFALL: _____

WIND DIRECTION: _____ Bather Load: _____

DATE & TIME RECEIVED: 6/20/22 12:00pm

Sampling and Testing Protocol: Reference - CDHS Guidelines 5/89, Pg.2 para 3 and Pg.3, para 5; and Beaches Environmental Assessment & Coastal Health Act dated 10/10/2000 modified by CT DEH#2002-22 dated 5/7/2002

LABORATORY REPORT

TEST METHOD

TEST RESULTS

E. coli Organisms (MF)	EPA 1603	<u>6</u> col/100 ml
Turbidity, NTU	SM2130B	_____ units
Phosphorus, as P	SM4500PE-11	<u>0.040</u> mg/L
Temperature	SM2550B	_____

Comments:

- A concentration of E. coli organisms less than or equal to 235 per 100 ml is generally considered satisfactory for a single sample from a bathing area.
- A single sample with a concentration of E. coli organisms greater than 235 per 100 ml is in excess of that which is normally considered acceptable for bathing. A resample is required. A sanitary survey of the surrounding watershed and areas that may impact the bathing area should be conducted immediately to evaluate suitability of the area for bathing if no known sources of contamination have already been identified. (Reference CT Dept. of Health Services Guidelines)

6/24/2022

David M. Kirpas

Form (Freshwater Report Form 6/05 Excel)

D.M.Kirpas/W. J. O'Shaughnessy, Technical Directors

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12 Shore Dr.
Higganum, CT 06441

SAMPLING INFORMATION:

SAMPLE # WP1722-7

TOWN: Higganum

SOURCE (NAME OF BODY OF WATER) Hidden Lake

STATION NUMBER (or location)

South Cove

DATE & TIME COLLECTED:

6/20/22 10:53am

Collected by: James Nicholson

PREVIOUS 48 HR. RAINFALL:

WIND DIRECTION:

Bather Load: _____

DATE & TIME RECEIVED:

6/20/22 12:00pm

Sampling and Testing Protocol: Reference - CDHS Guidelines 5/89, Pg.2 para 3 and Pg.3, para 5; and Beaches Environmental Assessment & Coastal Health Act dated 10/10/2000 modified by CT DEH#2002-22 dated 5/7/2002

LABORATORY REPORT

TEST METHOD

TEST RESULTS

E. coli Organisms (MF)

EPA 1603

4 col/100 ml

Turbidity, NTU

SM2130B

_____ units

Phosphorus, as P

SM4500PE-11

0.055 mg/L

Temperature

SM2550B

Comments:

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12 Shore Dr.
Higganum, CT 06441

SAMPLING INFORMATION:

SAMPLE # WP1722-8

TOWN: Higganum

SOURCE (NAME OF BODY OF WATER) Hidden Lake

STATION NUMBER (or location)

Shore Beach

DATE & TIME COLLECTED:

6/20/22 10:56am

Collected by: James Nicholson

PREVIOUS 48 HR. RAINFALL:

WIND DIRECTION:

Bather Load: _____

DATE & TIME RECEIVED:

6/20/22 12:00pm

Sampling and Testing Protocol: Reference - CDHS Guidelines 5/89, Pg.2 para 3 and Pg.3, para 5; and Beaches Environmental Assessment & Coastal Health Act dated 10/10/2000 modified by CT DEH#2002-22 dated 5/7/2002

LABORATORY REPORT

TEST METHOD

TEST RESULTS

E. coli Organisms (MF)

EPA 1603

4 col/100 ml

Turbidity, NTU

SM2130B

_____ units

Phosphorus, as P

SM4500PE-11

0.035 mg/L

Temperature

SM2550B

Comments:

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BATHING WATER REPORT - for Freshwater

REPORT TO: Hidden Lake Assoc. c/o Jay Cassella
12 Shore Dr.
Higganum, CT 06441

SAMPLING INFORMATION:

SAMPLE # WP1722-9

TOWN: Higganum SOURCE (NAME OF BODY OF WATER) Hidden Lake

STATION NUMBER (or location) West Shore Beach

DATE & TIME COLLECTED: 6/20/22 11:07am Collected by: James Nicholson

PREVIOUS 48 HR. RAINFALL: _____

WIND DIRECTION: _____ Bather Load: _____

DATE & TIME RECEIVED: 6/20/22 12:00pm

Sampling and Testing Protocol: Reference - CDHS Guidelines 5/89, Pg.2 para 3 and Pg.3, para 5; and Beaches Environmental Assessment & Coastal Health Act dated 10/10/2000 modified by CT DEH#2002-22 dated 5/7/2002

LABORATORY REPORT

TEST METHOD

TEST RESULTS

E. coli Organisms (MF)	EPA 1603	<u>2</u> col/100 ml
Turbidity, NTU	SM2130B	_____ units
Phosphorus, as P	SM4500PE-11	<u>0.050</u> mg/L
Temperature	SM2550B	_____

Comments:

A concentration of E. coli organisms less than or equal to 235 per 100 ml is generally considered satisfactory for a single sample from a bathing area.

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BATHING WATER REPORT - for Freshwater

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12 Shore Dr.
Higganum, CT 06441

SAMPLING INFORMATION:

SAMPLE # WP1722-10

TOWN: Higganum SOURCE (NAME OF BODY OF WATER) Hidden Lake

STATION NUMBER (or location) Mill Bay (Dam)

DATE & TIME COLLECTED: 6/20/22 11:00am Collected by: James Nicholson

PREVIOUS 48 HR. RAINFALL: _____

WIND DIRECTION: _____ Bather Load: _____

DATE & TIME RECEIVED: 6/20/22 12:00pm

Sampling and Testing Protocol: Reference - CDHS Guidelines 5/89, Pg.2 para 3 and Pg.3, para 5; and Beaches Environmental Assessment & Coastal Health Act dated 10/10/2000 modified by CT DEH#2002-22 dated 5/7/2002

LABORATORY REPORT

TEST METHOD

TEST RESULTS

E. coli Organisms (MF)	EPA 1603	<u>6</u> col/100 ml
Turbidity, NTU	SM2130B	_____ units
Phosphorus, as P	SM4500PE-11	<u>0.044</u> mg/L
Temperature	SM2550B	_____

Comments:

A concentration of E. coli organisms less than or equal to 235 per 100 ml is generally considered satisfactory for a single sample from a bathing area.

A single sample with a concentration of E. coli organisms greater than 235 per 100 ml is in excess of that which is normally considered acceptable for bathing. A resample is required. A sanitary survey of the surrounding watershed and areas that may impact the bathing area should be conducted immediately to evaluate suitability of the area for bathing if no known sources of contamination have already been identified. (Reference CT Dept. of Health Services Guidelines)

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12 Shore Dr.
Higganum, CT 06441

SAMPLING INFORMATION:

SAMPLE # WP1722-11

TOWN: Higganum SOURCE (NAME OF BODY OF WATER) Hidden Lake

STATION NUMBER (or location) West Cove

DATE & TIME COLLECTED: 6/20/22 11:04am Collected by: James Nicholson

PREVIOUS 48 HR. RAINFALL: _____

WIND DIRECTION: _____ Bather Load: _____

DATE & TIME RECEIVED: 6/20/22 12:00pm

Sampling and Testing Protocol: Reference - CDHS Guidelines 5/89, Pg.2 para 3 and Pg.3, para 5; and Beaches Environmental Assessment & Coastal Health Act dated 10/10/2000 modified by CT DEH#2002-22 dated 5/7/2002

LABORATORY REPORT

TEST METHOD

TEST RESULTS

E. coli Organisms (MF)	EPA 1603	<u>42</u> col/100 ml
Turbidity, NTU	SM2130B	_____ units
Phosphorus, as P	SM4500PE-11	<u>0.044</u> mg/L
Temperature	SM2550B	_____

Comments:

- A concentration of E. coli organisms less than or equal to 235 per 100 ml is generally considered satisfactory for a single sample from a bathing area.
- A single sample with a concentration of E. coli organisms greater than 235 per 100 ml is in excess of that which is normally considered acceptable for bathing. A resample is required. A sanitary survey of the surrounding watershed and areas that may impact the bathing area should be conducted immediately to evaluate suitability of the area for bathing if no known sources of contamination have already been identified. (Reference CT Dept. of Health Services Guidelines)

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SAMPLING INFORMATION:

SAMPLE # WP1722-12

TOWN: Higganum SOURCE (NAME OF BODY OF WATER) Hidden Lake

STATION NUMBER (or location) North Cove

DATE & TIME COLLECTED: 6/20/22 10:46am Collected by: James Nicholson

PREVIOUS 48 HR. RAINFALL: _____

WIND DIRECTION: _____ Bather Load: _____

DATE & TIME RECEIVED: 6/20/22 12:00pm

Sampling and Testing Protocol: Reference - CDHS Guidelines 5/89, Pg.2 para 3 and Pg.3, para 5; and Beaches Environmental Assessment & Coastal Health Act dated 10/10/2000 modified by CT DEH#2002-22 dated 5/7/2002

LABORATORY REPORT

TEST METHOD

TEST RESULTS

E. coli Organisms (MF)	EPA 1603	<u>2</u> col/100 ml
Turbidity, NTU	SM2130B	_____ units
Phosphorus, as P	SM4500PE-11	<u>0.043</u> mg/L
Temperature	SM2550B	_____

Comments:

- A concentration of E. coli organisms less than or equal to 235 per 100 ml is generally considered satisfactory for a single sample from a bathing area.
- A single sample with a concentration of E. coli organisms greater than 235 per 100 ml is in excess of that which is normally considered acceptable for bathing. A resample is required. A sanitary survey of the surrounding watershed and areas that may impact the bathing area should be conducted immediately to evaluate suitability of the area for bathing if no known sources of contamination have already been identified. (Reference CT Dept. of Health Services Guidelines)

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