


PERFORMANCE EVALUATION

First Choice for Quality | 

Quarterly Study

WSMIC08-2

9-Apr-2008 through 23-May-2008

RT1068
RTC Labcode

WY00006
US EPA Labcode

Energy Labs
Terry Friedlan
400 West Boxelder Rd.
Gillette WY 82718

Thank you for participating in study WSMIC08-2. Additional information about this study may be found online at www.rt-corp.com. If you have any questions or comments about this study please contact me.

Sincerely,



Christopher Rucinski
Quality Director

2931 Soldier Springs Road
Laramie, WY 82070
(307) 742-5452
www.rt-corp.com







Dataset

WSMIC08-2

Dataset Analyst

Ingram, Mary

Accreditors

Evaluations of this dataset will be sent to the accreditor(s) listed below using your laboratory's labcode listed above each accrediting agency. If any of the information listed below is incorrect, please contact RTC immediately.

Accrediting Labcode WY00006

USEPA Region VIII, TMS-Q

370 Aaron Urdiales
1595 Wynkoop Street (8ENF-W-NP)
Denver CO 80202
UNITED STATES

217 Jim Gindelberger
1595 Wynkoop Street
Denver CO 80202-1129
UNITED STATES

231 Paulene Romano
1595 Wynkoop Street
Denver CO 80202-1129
UNITED STATES

606 Sandra Spence
1595 Wynkoop Street
Denver CO 80202-1129
UNITED STATES

Accrediting Labcode WY00006

Wyoming DEQ

Water Quality Division

206 Edward Mock
122 W. 25th Street
Cheyenne WY 82002
UNITED STATES



Microbiology

Analyte

Total coliforms 1, 3, 4

2500

Series-F

SM/APHA 9223 B 18th ED (1992) - 20037609

Technology Code: COLILERT

Analyst: M. Ingram

| Presence/Absence | Result | Assigned Value | Evaluation |
|------------------------------|---------|----------------|------------|
| Presence/Absence - Sample 1 | Absent | Absent | Acceptable |
| Presence/Absence - Sample 2 | Present | Present | Acceptable |
| Presence/Absence - Sample 3 | Present | Present | Acceptable |
| Presence/Absence - Sample 4 | Absent | Absent | Acceptable |
| Presence/Absence - Sample 5 | Absent | Absent | Acceptable |
| Presence/Absence - Sample 6 | Absent | Absent | Acceptable |
| Presence/Absence - Sample 7 | Present | Present | Acceptable |
| Presence/Absence - Sample 8 | Present | Present | Acceptable |
| Presence/Absence - Sample 9 | Present | Present | Acceptable |
| Presence/Absence - Sample 10 | Present | Present | Acceptable |

Presence/Absence Evaluation

Series-F

| Method | False Positives | False Negatives | Acceptance | |
|-------------------------|-------------------------------------------|-----------------|------------|------------|
| TechnologyCode | | | | |
| Total coliforms 2500 | SM/APHA 9223 B 18th ED (1992) COLILERT | 0 | 0 | Acceptable |

| MPN | Result | Units | Acceptance Limits | Assigned Value | Evaluation |
|-----------------|--------|-----------|-------------------|----------------|------------|
| MPN - Sample 1 | 0 | MPN/100mL | 0.0 to 0.0 | 0.00 | Acceptable |
| MPN - Sample 2 | 48.7 | MPN/100mL | 41.4 to 1580 | 450 | Acceptable |
| MPN - Sample 3 | 77.1 | MPN/100mL | 39.9 to 1650 | 450 | Acceptable |
| MPN - Sample 4 | 0 | MPN/100mL | 0.0 to 0.0 | 0.00 | Acceptable |
| MPN - Sample 5 | 0 | MPN/100mL | 0.0 to 0.0 | 0.00 | Acceptable |
| MPN - Sample 6 | 0 | MPN/100mL | 0.0 to 0.0 | 0.00 | Acceptable |
| MPN - Sample 7 | 59.4 | MPN/100mL | 40 to 1120 | 450 | Acceptable |
| MPN - Sample 8 | 34.5 | MPN/100mL | 30 to 627 | 450 | Acceptable |
| MPN - Sample 9 | 52.1 | MPN/100mL | 40 to 690 | 450 | Acceptable |
| MPN - Sample 10 | 39.5 | MPN/100mL | 30 to 662 | 450 | Acceptable |



Analyte

Escherichia coli 1, 4

2525

Series-F

SM/APHA 9223 B 18th ED (1992) - 20037609

Technology Code: COLILERT

Analyst: M. Ingram

| Presence/Absence | Result | Assigned Value | Evaluation |
|------------------------------|---------|----------------|-------------------|
| Presence/Absence - Sample 1 | Absent | Absent | Acceptable |
| Presence/Absence - Sample 2 | Present | Present | Acceptable |
| Presence/Absence - Sample 3 | Present | Present | Acceptable |
| Presence/Absence - Sample 4 | Absent | Absent | Acceptable |
| Presence/Absence - Sample 5 | Absent | Absent | Acceptable |
| Presence/Absence - Sample 6 | Absent | Absent | Acceptable |
| Presence/Absence - Sample 7 | Present | Present | Acceptable |
| Presence/Absence - Sample 8 | Absent | Absent | Acceptable |
| Presence/Absence - Sample 9 | Absent | Absent | Acceptable |
| Presence/Absence - Sample 10 | Absent | Absent | Acceptable |

Presence/Absence Evaluation

Series-F

| Method TechnologyCode | False Positives | False Negatives | Acceptance |
|-----------------------------------------------------------------------|-----------------|-----------------|-------------------|
| Escherichia coli 2525 SM/APHA 9223 B 18th ED (1992) COLILERT | 0 | 0 | Acceptable |

| MPN | Result | Units | Acceptance Limits | Assigned Value | Evaluation |
|-----------------|--------|-----------|-------------------|----------------|-------------------|
| MPN - Sample 1 | 0 | MPN/100mL | 0.0 to 0.0 | 0.00 | Acceptable |
| MPN - Sample 2 | 48.7 | MPN/100mL | 37.4 to 1790 | 450 | Acceptable |
| MPN - Sample 3 | 77.1 | MPN/100mL | 0.00 to 902 | 450 | Acceptable |
| MPN - Sample 4 | 0 | MPN/100mL | 0.0 to 0.0 | 0.00 | Acceptable |
| MPN - Sample 5 | 0 | MPN/100mL | 0.0 to 0.0 | 0.00 | Acceptable |
| MPN - Sample 6 | 0 | MPN/100mL | 0.0 to 0.0 | 0.00 | Acceptable |
| MPN - Sample 7 | 59.4 | MPN/100mL | 0.00 to 658 | 450 | Acceptable |
| MPN - Sample 8 | 0 | MPN/100mL | 0.0 to 0.0 | 0.00 | Acceptable |
| MPN - Sample 9 | 0 | MPN/100mL | 0.0 to 0.0 | 0.00 | Acceptable |
| MPN - Sample 10 | 0 | MPN/100mL | 0.0 to 0.0 | 0.00 | Acceptable |



End of WSMIC08-2



Program analyte accrediting footnotes

1 NELAC

3 Other

5 NELAC Experimental

2 EPA

4 A2LA