



Environmental Laboratory Accreditation Program
Scope of Certification

THIS LISTING OF FIELDS OF ACCREDITATION MUST BE ACCOMPANIED BY CERTIFICATE NUMBER: 1818301

State Laboratory ID: 027-005-336

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RMB Environmental Laboratories, Inc.- Detroit Lakes
22796 County Highway 6
Detroit Lakes, MN 56501

Clean Water Program

ASTM D516-11

Preparation Techniques: N/A

Table with 6 columns: Program, Method, Analyte, Matrix, Primary, SOP. Row 1: CWP, ASTM D516-11, Sulfate, NPW, MN

EPA 160.4

Preparation Techniques: N/A

Table with 6 columns: Program, Method, Analyte, Matrix, Primary, SOP. Row 1: CWP, EPA 160.4, Residue-volatile, NPW, MN

EPA 180.1, Rev 2-1993

Preparation Techniques: N/A

Table with 6 columns: Program, Method, Analyte, Matrix, Primary, SOP. Row 1: CWP, EPA 180.1, Rev 2-1993, Turbidity, NPW, MN

**EPA 310.2**

Preparation Techniques: N/A

| <b>Program</b> | <b>Method</b> | <b>Analyte</b>      | <b>Matrix</b> | <b>Primary</b> | <b>SOP</b> |
|----------------|---------------|---------------------|---------------|----------------|------------|
| CWP            | EPA 310.2     | Alkalinity as CaCO3 | NPW           | MN             |            |

**EPA 350.1**

Preparation Techniques: Distillation, micro; Distillation, MIDI;

| <b>Program</b> | <b>Method</b> | <b>Analyte</b> | <b>Matrix</b> | <b>Primary</b> | <b>SOP</b> |
|----------------|---------------|----------------|---------------|----------------|------------|
| CWP            | EPA 350.1     | Ammonia as N   | NPW           | MN             |            |

**EPA 351.2**

Preparation Techniques: Digestion, hotplate or HotBlock;

| <b>Program</b> | <b>Method</b> | <b>Analyte</b>            | <b>Matrix</b> | <b>Primary</b> | <b>SOP</b> |
|----------------|---------------|---------------------------|---------------|----------------|------------|
| CWP            | EPA 351.2     | Kjeldahl nitrogen - total | NPW           | MN             |            |

**EPA 353.2**

Preparation Techniques: N/A

| <b>Program</b> | <b>Method</b> | <b>Analyte</b>  | <b>Matrix</b> | <b>Primary</b> | <b>SOP</b> |
|----------------|---------------|-----------------|---------------|----------------|------------|
| CWP            | EPA 353.2     | Nitrate-nitrite | NPW           | MN             |            |
| CWP            | EPA 353.2     | Nitrite as N    | NPW           | MN             |            |

**EPA 353.2 (calc.)**

Preparation Techniques: N/A

| <b>Program</b> | <b>Method</b>     | <b>Analyte</b> | <b>Matrix</b> | <b>Primary</b> | <b>SOP</b> |
|----------------|-------------------|----------------|---------------|----------------|------------|
| CWP            | EPA 353.2 (calc.) | Nitrate as N   | NPW           | MN             |            |

**EPA 365.3**

Preparation Techniques: N/A

| Program | Method    | Analyte             | Matrix | Primary | SOP |
|---------|-----------|---------------------|--------|---------|-----|
| CWP     | EPA 365.3 | Orthophosphate as P | NPW    | MN      |     |
| CWP     | EPA 365.3 | Total Phosphorus    | NPW    | MN      |     |

### HACH 10360 Rev 1.2 (2011)

Preparation Techniques: N/A

| Program | Method                    | Analyte                   | Matrix | Primary | SOP |
|---------|---------------------------|---------------------------|--------|---------|-----|
| CWP     | HACH 10360 Rev 1.2 (2011) | Biochemical oxygen demand | NPW    | MN      |     |
| CWP     | HACH 10360 Rev 1.2 (2011) | Carbonaceous BOD, CBOD    | NPW    | MN      |     |

### SM 2120 B-2011

Preparation Techniques: N/A

| Program | Method         | Analyte | Matrix | Primary | SOP |
|---------|----------------|---------|--------|---------|-----|
| CWP     | SM 2120 B-2011 | Color   | NPW    | MN      |     |

### SM 2320 B-2011

Preparation Techniques: N/A

| Program | Method         | Analyte                         | Matrix | Primary | SOP |
|---------|----------------|---------------------------------|--------|---------|-----|
| CWP     | SM 2320 B-2011 | Alkalinity as CaCO <sub>3</sub> | NPW    | MN      |     |

### SM 2510 B-2011

Preparation Techniques: N/A

| Program | Method         | Analyte      | Matrix | Primary | SOP |
|---------|----------------|--------------|--------|---------|-----|
| CWP     | SM 2510 B-2011 | Conductivity | NPW    | MN      |     |

### SM 2540 B-2011

Preparation Techniques: N/A

| <b>Program</b> | <b>Method</b>  | <b>Analyte</b> | <b>Matrix</b> | <b>Primary</b> | <b>SOP</b> |
|----------------|----------------|----------------|---------------|----------------|------------|
| CWP            | SM 2540 B-2011 | Residue-total  | NPW           | MN             |            |

#### **SM 2540 C-2011**

Preparation Techniques: N/A

| <b>Program</b> | <b>Method</b>  | <b>Analyte</b>           | <b>Matrix</b> | <b>Primary</b> | <b>SOP</b> |
|----------------|----------------|--------------------------|---------------|----------------|------------|
| CWP            | SM 2540 C-2011 | Residue-filterable (TDS) | NPW           | MN             |            |

#### **SM 2540 D-2011**

Preparation Techniques: N/A

| <b>Program</b> | <b>Method</b>  | <b>Analyte</b>              | <b>Matrix</b> | <b>Primary</b> | <b>SOP</b> |
|----------------|----------------|-----------------------------|---------------|----------------|------------|
| CWP            | SM 2540 D-2011 | Residue-nonfilterable (TSS) | NPW           | MN             |            |

#### **SM 2540 G**

Preparation Techniques: N/A

| <b>Program</b> | <b>Method</b> | <b>Analyte</b>   | <b>Matrix</b> | <b>Primary</b> | <b>SOP</b> |
|----------------|---------------|------------------|---------------|----------------|------------|
| CWP            | SM 2540 G     | Residue-volatile | NPW           | MN             |            |

#### **SM 2550 B-2010**

Preparation Techniques: N/A

| <b>Program</b> | <b>Method</b>  | <b>Analyte</b>      | <b>Matrix</b> | <b>Primary</b> | <b>SOP</b> |
|----------------|----------------|---------------------|---------------|----------------|------------|
| CWP            | SM 2550 B-2010 | Temperature, deg. C | NPW           | MN             |            |

#### **SM 4500-Cl G-2011**

Preparation Techniques: N/A

| <b>Program</b> | <b>Method</b>     | <b>Analyte</b>          | <b>Matrix</b> | <b>Primary</b> | <b>SOP</b> |
|----------------|-------------------|-------------------------|---------------|----------------|------------|
| CWP            | SM 4500-Cl G-2011 | Total residual chlorine | NPW           | MN             |            |

**SM 4500-Cl<sup>-</sup> E-2011**

Preparation Techniques: N/A

| Program | Method                         | Analyte  | Matrix | Primary | SOP |
|---------|--------------------------------|----------|--------|---------|-----|
| CWP     | SM 4500-Cl <sup>-</sup> E-2011 | Chloride | NPW    | MN      |     |

**SM 4500-F<sup>-</sup> C-2011**

Preparation Techniques: N/A

| Program | Method                        | Analyte  | Matrix | Primary | SOP |
|---------|-------------------------------|----------|--------|---------|-----|
| CWP     | SM 4500-F <sup>-</sup> C-2011 | Fluoride | NPW    | MN      |     |

**SM 4500-H<sup>+</sup> B-2011**

Preparation Techniques: N/A

| Program | Method                        | Analyte | Matrix | Primary | SOP |
|---------|-------------------------------|---------|--------|---------|-----|
| CWP     | SM 4500-H <sup>+</sup> B-2011 | pH      | NPW    | MN      |     |

**SM 4500-SiO<sub>2</sub> C-2011**

Preparation Techniques: N/A

| Program | Method                          | Analyte          | Matrix | Primary | SOP |
|---------|---------------------------------|------------------|--------|---------|-----|
| CWP     | SM 4500-SiO <sub>2</sub> C-2011 | Silica-dissolved | NPW    | MN      |     |

**SM 5220 D-2011**

Preparation Techniques: Digestion, hotplate or HotBlock;

| Program | Method         | Analyte                | Matrix | Primary | SOP |
|---------|----------------|------------------------|--------|---------|-----|
| CWP     | SM 5220 D-2011 | Chemical oxygen demand | NPW    | MN      |     |

**USGS I-3765-85**

Preparation Techniques: N/A

| Program | Method         | Analyte                     | Matrix | Primary | SOP |
|---------|----------------|-----------------------------|--------|---------|-----|
| CWP     | USGS I-3765-85 | Residue-nonfilterable (TSS) | NPW    | MN      |     |

### EPA 130.1

Preparation Techniques: N/A

| Program | Method    | Analyte                             | Matrix | Primary | SOP |
|---------|-----------|-------------------------------------|--------|---------|-----|
| CWP     | EPA 130.1 | Total hardness as CaCO <sub>3</sub> | NPW    | MN      |     |

### EPA 200.9

Preparation Techniques: Digestion, hotplate or HotBlock;

| Program | Method    | Analyte | Matrix | Primary | SOP |
|---------|-----------|---------|--------|---------|-----|
| CWP     | EPA 200.9 | Arsenic | NPW    | MN      |     |
| CWP     | EPA 200.9 | Lead    | NPW    | MN      |     |

### Colilert®-18 (Fecal Coliforms)

Preparation Techniques: N/A

| Program | Method                         | Analyte         | Matrix | Primary | SOP |
|---------|--------------------------------|-----------------|--------|---------|-----|
| CWP     | Colilert®-18 (Fecal Coliforms) | Fecal coliforms | NPW    | MN      |     |

### SM 9222 D (m-FC)-2006

Preparation Techniques: N/A

| Program | Method                | Analyte         | Matrix | Primary | SOP |
|---------|-----------------------|-----------------|--------|---------|-----|
| CWP     | SM 9222 D (m-FC)-2006 | Fecal coliforms | NPW    | MN      |     |

### SM 9223 B-2004

Preparation Techniques: N/A

| Program | Method         | Analyte          | Matrix | Primary | SOP |
|---------|----------------|------------------|--------|---------|-----|
| CWP     | SM 9223 B-2004 | Escherichia coli | NPW    | MN      |     |

## Resource Conservation Recovery Program

### EPA 350.1

Preparation Techniques: Distillation, micro; Distillation, MIDI;

| Program | Method    | Analyte      | Matrix | Primary | SOP |
|---------|-----------|--------------|--------|---------|-----|
| RCRP    | EPA 350.1 | Ammonia as N | SCM    | MN      |     |

### EPA 351.2

Preparation Techniques: Digestion, hotplate or HotBlock;

| Program | Method    | Analyte                   | Matrix | Primary | SOP |
|---------|-----------|---------------------------|--------|---------|-----|
| RCRP    | EPA 351.2 | Kjeldahl nitrogen - total | SCM    | MN      |     |

## Safe Drinking Water Program

### EPA 180.1, Rev 2-1993

Preparation Techniques: N/A

| Program | Method                | Analyte   | Matrix | Primary | SOP |
|---------|-----------------------|-----------|--------|---------|-----|
| SDWP    | EPA 180.1, Rev 2-1993 | Turbidity | DW     | MN      |     |

### EPA 353.2

Preparation Techniques: N/A

| Program | Method    | Analyte | Matrix | Primary | SOP |
|---------|-----------|---------|--------|---------|-----|
| SDWP    | EPA 353.2 | Nitrate | DW     | MN      |     |
| SDWP    | EPA 353.2 | Nitrite | DW     | MN      |     |

### SM 2320 B-11 (23rd Ed)

Preparation Techniques: N/A

| Program | Method                 | Analyte                         | Matrix | Primary | SOP |
|---------|------------------------|---------------------------------|--------|---------|-----|
| SDWP    | SM 2320 B-11 (23rd Ed) | Alkalinity as CaCO <sub>3</sub> | DW     | MN      |     |

**SM 2510 B-11 (23rd Ed)**

Preparation Techniques: N/A

| <b>Program</b> | <b>Method</b>          | <b>Analyte</b> | <b>Matrix</b> | <b>Primary</b> | <b>SOP</b> |
|----------------|------------------------|----------------|---------------|----------------|------------|
| SDWP           | SM 2510 B-11 (23rd Ed) | Conductivity   | DW            | MN             |            |

**SM 2540 C-15 (23rd Ed)**

Preparation Techniques: N/A

| <b>Program</b> | <b>Method</b>          | <b>Analyte</b>           | <b>Matrix</b> | <b>Primary</b> | <b>SOP</b> |
|----------------|------------------------|--------------------------|---------------|----------------|------------|
| SDWP           | SM 2540 C-15 (23rd Ed) | Residue-filterable (TDS) | DW            | MN             |            |

**SM 2550 B-10 (23rd Ed)**

Preparation Techniques: N/A

| <b>Program</b> | <b>Method</b>          | <b>Analyte</b>      | <b>Matrix</b> | <b>Primary</b> | <b>SOP</b> |
|----------------|------------------------|---------------------|---------------|----------------|------------|
| SDWP           | SM 2550 B-10 (23rd Ed) | Temperature, deg. C | DW            | MN             |            |

**SM 4500-Cl G-11 (23rd Ed)**

Preparation Techniques: N/A

| <b>Program</b> | <b>Method</b>             | <b>Analyte</b> | <b>Matrix</b> | <b>Primary</b> | <b>SOP</b> |
|----------------|---------------------------|----------------|---------------|----------------|------------|
| SDWP           | SM 4500-Cl G-11 (23rd Ed) | Free chlorine  | DW            | MN             |            |

**SM 4500-Cl G-2011**

Preparation Techniques: N/A

| <b>Program</b> | <b>Method</b>     | <b>Analyte</b>          | <b>Matrix</b> | <b>Primary</b> | <b>SOP</b> |
|----------------|-------------------|-------------------------|---------------|----------------|------------|
| SDWP           | SM 4500-Cl G-2011 | Total residual chlorine | DW            | MN             |            |

**SM 4500-F<sup>-</sup> C-11 (23rd Ed)**

Preparation Techniques: N/A



| Program | Method                                | Analyte  | Matrix | Primary | SOP |
|---------|---------------------------------------|----------|--------|---------|-----|
| SDWP    | SM 4500-F <sup>-</sup> C-11 (23rd Ed) | Fluoride | DW     | MN      |     |

### SM 4500-H+ B-11 (23rd Ed)

Preparation Techniques: N/A

| Program | Method                    | Analyte | Matrix | Primary | SOP |
|---------|---------------------------|---------|--------|---------|-----|
| SDWP    | SM 4500-H+ B-11 (23rd Ed) | pH      | DW     | MN      |     |

### EPA 200.9

Preparation Techniques: Digestion, hotplate or HotBlock;

| Program | Method    | Analyte | Matrix | Primary | SOP |
|---------|-----------|---------|--------|---------|-----|
| SDWP    | EPA 200.9 | Arsenic | DW     | MN      |     |
| SDWP    | EPA 200.9 | Copper  | DW     | MN      |     |
| SDWP    | EPA 200.9 | Lead    | DW     | MN      |     |

### Colisure®

Preparation Techniques: N/A

| Program | Method    | Analyte          | Matrix | Primary | SOP |
|---------|-----------|------------------|--------|---------|-----|
| SDWP    | Colisure® | Escherichia coli | DW     | MN      |     |
| SDWP    | Colisure® | Total coliforms  | DW     | MN      |     |

### SimPlate®

Preparation Techniques: N/A

| Program | Method    | Analyte                   | Matrix | Primary | SOP |
|---------|-----------|---------------------------|--------|---------|-----|
| SDWP    | SimPlate® | Heterotrophic plate count | DW     | MN      |     |

### SM 9223 B (Colilert Quanti-Tray)-2004

Preparation Techniques: N/A

| <b>Program</b> | <b>Method</b>                         | <b>Analyte</b>   | <b>Matrix</b> | <b>Primary</b> | <b>SOP</b> |
|----------------|---------------------------------------|------------------|---------------|----------------|------------|
| SDWP           | SM 9223 B (Colilert Quanti-Tray)-2004 | Escherichia coli | DW            | MN             |            |
| SDWP           | SM 9223 B (Colilert Quanti-Tray)-2004 | Total coliforms  | DW            | MN             |            |

**SM 9223 B (Colilert®)-2004**

Preparation Techniques: N/A

| <b>Program</b> | <b>Method</b>              | <b>Analyte</b>   | <b>Matrix</b> | <b>Primary</b> | <b>SOP</b> |
|----------------|----------------------------|------------------|---------------|----------------|------------|
| SDWP           | SM 9223 B (Colilert®)-2004 | Escherichia coli | DW            | MN             |            |
| SDWP           | SM 9223 B (Colilert®)-2004 | Total coliforms  | DW            | MN             |            |

**SM 9223 B-16 (23rd Ed)**

Preparation Techniques: N/A

| <b>Program</b> | <b>Method</b>          | <b>Analyte</b>   | <b>Matrix</b> | <b>Primary</b> | <b>SOP</b> |
|----------------|------------------------|------------------|---------------|----------------|------------|
| SDWP           | SM 9223 B-16 (23rd Ed) | Escherichia coli | DW            | MN             |            |
| SDWP           | SM 9223 B-16 (23rd Ed) | Total coliforms  | DW            | MN             |            |

Note: Method beginning with "SM" refer to the approved editions of Standard methods for the Examination of Water and Wastes. Approved methods are listed in the applicable parts of Title 40 of the Code of Federal Regulations (including its subsequent Federal Register updates), MN Statutes and Rules, and state-issued permits.