

1 Department of Health

2

3 Adopted Permanent Rules Relating to Certification Procedures for  
4 Environmental Testing Laboratories

5

6 Rules as Adopted

7 4740.2010 DEFINITIONS.

8 Subpart 1. Scope. The terms used in parts 4740.2020 to  
9 4740.2040 have the meanings given them in this part.

10 Subp. 2. Acceptable performance or acceptable results.

11 "Acceptable performance" or "acceptable results" means  
12 analytical test results generated by a laboratory using methods  
13 as specified in part 4740.2030, subpart 1, that fall within the  
14 range of standard deviations of the mean allowed by the approved  
15 provider.

16 Subp. 3. Approved provider. "Approved provider" means a  
17 provider of performance evaluation samples that the commissioner  
18 has determined:

19 A. provides an adequate volume of samples to perform  
20 statistically valid analyses;

21 B. calculates the number of standard deviations of  
22 the mean allowed using the results of all labs submitting test  
23 results after the exclusion of outlying values; and

24 C. allows a range of standard deviations of the mean  
25 no less stringent than the range allowed by the EPA.

26 Subp. 4. Base certification. "Base certification" means  
27 acknowledgment by the commissioner that a laboratory has the  
28 policies, procedures, equipment, and practices to produce  
29 reliable data in the analysis of environmental analytes  
30 described in part 4740.2040.

31 Subp. 5. Commissioner. "Commissioner" means the  
32 commissioner of health or the commissioner's designee.

33 Subp. 6. EPA. "EPA" means the United States Environmental  
34 Protection Agency.

35 Subp. 7. Fees. "Fees" means the fees described in

1 Minnesota Statutes, section 144.98, subdivision 3.

2 Subp. 8. **Inspection.** "Inspection" means an on-site  
3 evaluation of laboratory facilities, records, personnel,  
4 equipment, methodology, and quality assurance practices by the  
5 commissioner for compliance with the applicable provisions of  
6 this chapter.

7 Subp. 9. **Performance evaluation sample.** "Performance  
8 evaluation sample" means a sample obtained from an approved  
9 provider to evaluate the ability of a laboratory to produce an  
10 analytical test result meeting the definition of acceptable  
11 performance. The concentration of the analyte in the sample is  
12 unknown to the laboratory at the time of analysis.

13 Subp. 10. **Quality control data.** "Quality control data"  
14 means data generated to assess the accuracy and precision of  
15 test data. Quality control data includes data on calibration  
16 standards, performance evaluation samples, blind standards,  
17 known standards, duplicate samples, blanks, spiked samples, and  
18 limits for quality control spiked samples, reference standards,  
19 duplicates, and detection levels.

20 4740.2020 ADMINISTRATIVE PROCEDURES REGARDING CERTIFICATION.

21 Subpart 1. **Application.** A laboratory may request to be  
22 certified by the commissioner for the analysis of the  
23 environmental analytes described in part 4740.2040.

24 A. The laboratory must specify the analytes for which  
25 it seeks certification. No analyte shall be certified without  
26 the laboratory meeting base certification requirements.

27 B. The laboratory shall apply on a form that is  
28 provided by the commissioner and that requests the following  
29 information:

30 ~~A~~ (1) the address and phone number of the  
31 laboratory;

32 ~~B~~ (2) the ownership of the laboratory;

33 ~~C~~ (3) the names of officers or managing agents  
34 of the laboratory and the laboratory director;

35 ~~D~~ (4) signatures of two managing agents with

1 authority to bind the laboratory and proof of their authority to  
2 bind;

3 E- (5) the names of principal, lead, or  
4 supervisory professional staff performing or responsible for the  
5 analyses, their educational level, field of study, and  
6 analytical laboratory experience; and

7 F- (6) written assurance that the laboratory  
8 meets the standards of parts 4740.2010 to 4740.2040.

9 C. With the application the laboratory shall submit:

10 (1) the applicable fees, including a  
11 nonrefundable base certification fee and fees for each test  
12 category in which the lab seeks certification;

13 (2) a quality assurance plan meeting the  
14 standards of part 4740.2030, subpart 4;

15 (3) a laboratory procedures manual meeting the  
16 standards of part 4740.2030, subpart 6; and

17 (4) the most recent performance evaluation  
18 results on the analytes for which the laboratory seeks  
19 certification. The performance evaluation samples must be from  
20 an approved provider and be analyzed within one year of the date  
21 of the application.

22 D. The commissioner shall certify a laboratory at a  
23 specific location. When a laboratory owns or manages laboratory  
24 facilities at different locations, a separate application must  
25 be submitted for each separate laboratory location.

26 Subp. 2. Application review. Within 60 days after  
27 receiving the application and information required in subpart 1,  
28 the commissioner shall:

29 A. issue provisional certification with the  
30 expiration date clearly marked; or

31 B. reject the laboratory's application if the  
32 performance evaluation results are not acceptable or if the  
33 quality assurance plan or laboratory procedures manual does not  
34 meet the standards of part 4740.2030, subparts 4 and 6; or

35 C. notify the laboratory in writing of any omission  
36 or error in application. If the laboratory does not submit to

1 the commissioner the required information within 60 days after  
2 receiving the error notice, the commissioner shall reject the  
3 application.

4 Subp. 3. Issuance of provisional certification. The  
5 commissioner shall issue a provisional certification to a  
6 laboratory that:

7 A. has submitted all required and requested  
8 information;

9 B. has demonstrated acceptable performance in the  
10 testing for analytes for which the laboratory seeks  
11 certification;

12 C. has paid the fees; and

13 D. provides written assurance that the laboratory  
14 adheres to base certification and analyte specific certification  
15 requirements of parts 4740.2010 to 4740.2040.

16 The provisional certification is valid until the  
17 commissioner, after an inspection, approves or denies  
18 certification. If, one year after the date of issuance of the  
19 provisional certification, the commissioner has not inspected  
20 the laboratory, the commissioner shall renew a provisional  
21 certification if the laboratory files a renewal application  
22 according to subpart 6.

23 Subp. 4. Denial of certification. When the commissioner  
24 determines after inspection that a provisionally certified  
25 laboratory does not comply with applicable provisions of parts  
26 4740.2010 to 4740.2040, the commissioner shall, within 60 days  
27 after the inspection, notify the laboratory in writing of the  
28 deficiencies preventing certification. Within 30 days after  
29 receiving the notice, the laboratory must remedy the  
30 deficiencies and provide documentation of the correction to the  
31 commissioner. If the laboratory provides no documentation of  
32 deficiency corrections within 30 days, the commissioner shall  
33 notify the laboratory that its certification is denied. The  
34 laboratory may not reapply for certification until it has  
35 corrected all deficiencies. The laboratory must submit written  
36 documentation of the steps taken to correct the deficiencies

1 with its new application.

2 Subp. 5. Certification approved. The commissioner shall  
3 approve base certification and analyte certification for a  
4 laboratory when the commissioner determines, after an  
5 inspection, that the laboratory complies with the applicable  
6 provisions of parts 4740.2010 to 4740.2040. The certification  
7 approval is valid for one year from the date of issuance of the  
8 provisional certification.

9 Subp. 6. Certification renewal. The commissioner shall  
10 renew a base certification and analyte certification if the  
11 commissioner receives the following from the laboratory at least  
12 30 days before the expiration date of the certificate: (1) an  
13 application meeting the standards of subpart 1, items A; B; C,  
14 subitems (1) to (3); and D; and part 4740.2030, subpart 2; and  
15 (2) appropriate fees at-least-30-days-before-the-expiration-date  
16 of-the-certificate. With the renewal application the laboratory  
17 shall submit any changes to the quality assurance plan or  
18 laboratory manual or a statement that the plan and manual  
19 continue to accurately describe current practices. The revised  
20 manual and plan must continue to meet the standards of part  
21 4740.2030, subparts 4 and 6. The renewal certification is valid  
22 for one year. The commissioner shall inspect a laboratory  
23 certified by renewal at least once every three years.

24 Subp. 7. Suspension of certification. The following are  
25 grounds to suspend a base certification or analyte certification  
26 of the laboratory:

27 A. failure to report unacceptable results on a  
28 performance evaluation sample or to submit a corrective action  
29 plan to the commissioner as described in part 4740.2030, subpart  
30 2;

31 B. failure to notify the commissioner within 30 days  
32 of changes described in part 4740.2030, subpart 10; or

33 C. failure to use approved methodology or follow  
34 methodology in sample analysis; or

35 D. suspension of certification by an authority with  
36 which the commissioner has a reciprocity agreement.

1 The commissioner shall restore the certification when the  
2 laboratory demonstrates it is in compliance with parts 4740.2010  
3 to 4740.2040.

4 During the time of suspension, the laboratory must notify  
5 ~~clients who request analysis of the analyte for which the~~  
6 ~~certification has been suspended~~ an existing client or new  
7 client of the suspension if the client requests analysis of the  
8 analyte for which the certification has been suspended and  
9 requires the requested analysis to be performed by a certified  
10 laboratory.

11 Subp. 8. **Revocation of certification.** The following are  
12 grounds to revoke a base certification or analyte certification  
13 of the laboratory:

14 A. failure to comply with applicable standards of  
15 parts 4740.2010 to 4740.2040;

16 B. failure to correct deficiencies noted in the  
17 inspection report within the specified time frame;

18 C. use of another laboratory to analyze performance  
19 evaluation samples and reporting the results as the laboratory's  
20 own;

21 D. use of fraudulent or deceptive practices in the  
22 laboratory's analysis or reporting of data;

23 E. failure to produce acceptable results on an  
24 initial and follow-up performance evaluation sample; ~~or~~

25 F. revocation of certification by a certifying  
26 authority with which the commissioner has a reciprocity  
27 agreement; or

28 G. failure to cooperate with an inspector designated  
29 by the commissioner.

30 Within 30 days after the revocation, the laboratory must  
31 notify all existing and new clients ~~for which it is presently~~  
32 ~~analyzing samples~~ whose analytical work requires a certified  
33 laboratory that it is not certified. ~~The laboratory must also~~  
34 ~~notify new clients that it is not certified.~~ The laboratory  
35 shall provide verification of this notice to the commissioner.  
36 The laboratory shall not advertise itself as certified and shall

1 remove or replace any advertisements that indicate that it is  
2 certified.

3 A laboratory that has had its certification revoked may not  
4 reapply for certification until it has corrected all  
5 deficiencies. It may reapply according to subdivision 1 and,  
6 with the application, must provide documentation of the steps  
7 taken to correct the deficiencies.

8 Subp. 9. **Certification of laboratories in other states.** A  
9 laboratory in another state may request certification in  
10 Minnesota. In addition to following the application process  
11 described in subpart 1, the laboratory shall submit with its  
12 application an out-of-state inspection fee unless a reciprocity  
13 agreement exists.

14 The commissioner may enter into agreements with federal  
15 agencies and agencies of other states for reciprocal recognition  
16 of laboratory certification programs or portions of programs as  
17 substantially equivalent. The commissioner shall provide a list  
18 of reciprocity agreements upon request.

19 When such an agreement exists, the commissioner shall  
20 certify an out-of-state laboratory that completes the  
21 application form under subpart 1, submits the appropriate fees,  
22 provides a copy of current certification from the reciprocal  
23 state, private or federal agency, and provides a copy of the  
24 certifying authority's most recent inspection report. The  
25 laboratory shall notify the commissioner within 30 days after  
26 any action relevant to certification that is taken by the  
27 reciprocal certifying authority.

28 Subp. 10. **Variance.** The commissioner may grant a variance  
29 from a requirement of parts 4740.2010 to 4740.2040. However, no  
30 variance shall be granted from an EPA approved method required  
31 for analysis under the Safe Drinking Water Program. To request  
32 a variance, a laboratory shall indicate in writing:

- 33 A. the rule part and language from which the variance  
34 is sought;
- 35 B. reasons for the request;
- 36 C. alternate measures that will be taken if the

1 request for a variance is granted;

2 D. length of time of the variance; and

3 E. data to assure analytical results of equal  
4 reliability.

5 The commissioner shall review information submitted with  
6 the variance request. If the laboratory proposes alternatives  
7 equivalent or superior to those requirements in the rule and  
8 shows that strict enforcement of the rule would cause undue  
9 hardship, and that the variance will not adversely affect the  
10 reliability of the data produced by the laboratory, the  
11 commissioner shall grant the variance, provided the variance  
12 does not conflict with statutory provisions. The commissioner  
13 shall grant or deny the variance within 60 days after receipt of  
14 the request, giving the laboratory written justification for the  
15 decision.

16 Subp. 11. **Appeal of administrative decision.** The  
17 commissioner shall notify the laboratory in writing of the  
18 reasons for a decision to deny a variance or to deny, suspend,  
19 revoke, or refuse to renew a certification. The laboratory  
20 shall have 30 days from the date of receiving the decision to  
21 appeal the decision. A request to appeal the decision must be  
22 in writing, must indicate the facts the laboratory disputes, and  
23 must be signed by the laboratory director. Upon receipt of an  
24 appeal request, the commissioner shall initiate the procedure  
25 for a contested case hearing according to Minnesota Statutes,  
26 chapter 14, and the rules of the Office of Administrative  
27 Hearings.

28 4740.2030 REQUIREMENTS FOR BASE CERTIFICATION.

29 Subpart 1. **Methodology.** The laboratory shall specify the  
30 analytical methodology, sample collection, and preservation  
31 procedures used for each analyte for which it seeks  
32 certification. The analytical methodology, sample collection,  
33 and preservation procedures used for samples required to be  
34 analyzed under a permit, program, or rule administered by a  
35 state agency must meet the requirements specified by that



1 permit, program, or rule. The analytical methodology, sample  
2 collection, and preservation procedures used to analyze samples  
3 for the Safe Drinking Water Program must comply with the Code of  
4 Federal Regulations, title 40, sections 141.21 to 141.24, and  
5 Minnesota Rules, chapter 4720. The analytical  
6 methodology, sample collection, and preservation procedures used  
7 to analyze samples under the Clean Water Program must comply  
8 with the Code of Federal Regulations, title 40, section 136.3.

9 When a client collects a sample, the laboratory must inform  
10 the client of the appropriate procedures. The laboratory may  
11 delegate responsibility for proper sample collection and  
12 submission under parts 4740.2010 to 4740.2040 to a client. The  
13 laboratory must report any deviations as noted in subpart 9,  
14 item A.

15 Alternative methodology may be used if the EPA approves the  
16 methodology and the laboratory submits a copy of the EPA  
17 approval to the commissioner.

18 Subp. 2. **Performance evaluations.** The laboratory shall  
19 analyze a performance evaluation sample for each certified  
20 analyte at least once during the term of certification. The  
21 laboratory shall handle and analyze the performance evaluation  
22 samples with its usual analysts, equipment, and methods. The  
23 laboratory shall obtain the performance evaluation samples from  
24 an approved provider. The commissioner shall publish at least  
25 annually in the State Register a list of approved providers of  
26 performance evaluation samples. If the commissioner determines  
27 performance evaluation samples are not available for an analyte,  
28 the commissioner may review the laboratory's quality control  
29 data to evaluate precision and accuracy for that analyte.

30 The laboratory must show acceptable performance as  
31 determined by the approved provider on each performance  
32 evaluation sample.

33 The laboratory shall provide the commissioner with the  
34 results of performance from the approved provider within ~~14~~ 30  
35 days after the laboratory receives them. When a provider  
36 notifies the laboratory that a performance evaluation sample

1 result falls outside acceptable results, the laboratory must  
2 promptly take corrective action. Within ~~±4~~ 30 days after  
3 receiving notice of the unacceptable results, the laboratory  
4 must submit to the commissioner documentation of the corrective  
5 action planned and taken. Within 30 days after receiving notice  
6 of unacceptable results, the laboratory must request a follow-up  
7 performance evaluation sample from an approved provider. The  
8 laboratory shall provide the commissioner with the results of  
9 the follow-up performance evaluation within ~~±4~~ 30 days after  
10 receiving them.

11 The commissioner may supply blind performance evaluation  
12 samples to certified laboratories on a randomly chosen basis and  
13 to a specific laboratory if the commissioner receives a  
14 complaint about the laboratory's performance or suspects fraud  
15 in the generation ~~of~~ or reporting ~~or~~ of test results. A blind  
16 performance evaluation sample is one that is not distinguishable  
17 as a performance evaluation sample.

18 Subp. 3. **Records.** The laboratory shall maintain records  
19 according to items A to ~~E~~ F for each sample processed.

20 A. The laboratory shall maintain the records in items  
21 ~~B7-C7--and-D~~ to E for three years from the date of analysis for  
22 the Clean Water Program and ten years from the date of analysis  
23 for the Safe Drinking Water Program.

24 B. Each sample must be labeled with a number, bar  
25 code, or other identification affixed to the sample and to the  
26 accompanying paperwork. The paperwork must contain the  
27 collector's name, the date, the time of collection, and special  
28 remarks relevant to the sample. The laboratory shall record the  
29 date the sample was analyzed, the analyst, the method used, and  
30 any deviation from specified procedures.

31 C. The laboratory shall maintain records of the raw  
32 data generated and used in determining the final analytical data.

33 D. The laboratory shall maintain a record of quality  
34 control data generated as part of its quality assurance plan and  
35 quality control activities specific to each analysis.

36 ~~D.~~ E. The laboratory shall maintain records of

1 equipment. The records must include the name of the item of  
2 equipment, the manufacturer's name, the serial number, the date  
3 the item was placed in service, and the date it was removed from  
4 service. The laboratory shall maintain records of maintenance  
5 and repair on each item of equipment.

6 ~~E. F.~~ The laboratory shall supply ~~any-analytical,~~  
7 ~~quality-control,-or-equipment-and-maintenance-data-requested~~  
8 ~~by any data listed in items B to E upon request of the~~  
9 commissioner within the timeframes in item A. The laboratory  
10 shall maintain records for an additional period of time if the  
11 commissioner specifies the records and the time period in  
12 writing to the laboratory.

13 Subp. 4. **Quality assurance plan.** The laboratory shall  
14 possess and follow a written plan of quality assurance actions.  
15 The plan may incorporate documents by reference. The plan must  
16 contain a table of contents and numbered pages. Unless the  
17 laboratory states why an item is not applicable, the plan must  
18 describe policies and procedures used to:

19 A. collect samples, including containers and  
20 preservatives;

21 B. track samples from the time the laboratory  
22 receives them to the time they are disposed, including chain of  
23 custody procedures for samples requested to be processed for  
24 possible legal action;

25 C. calibrate instruments, including frequency;

26 D. check internal quality control;

27 E. maintain functional equipment, including routine  
28 maintenance procedures and schedules;

29 F. determine data accuracy and precision for each  
30 certified analysis, according to subpart 5;

31 G. validate data conversion, transcription, and  
32 reporting;

33 H. correct unacceptable performance evaluation  
34 results or internal quality assurance checks; and

35 I. record changes in training and education of  
36 laboratory personnel, including on-the-job training relevant to

1 analysis tasks.

2 Subp. 5. Minimum quality control practices. The  
3 laboratory shall use at a minimum the quality control practices  
4 described in items A to G. The laboratory must record and  
5 maintain all quality control data in this subpart according to  
6 subparts 3 and 4.

7 A. At least one reagent blank must be analyzed on  
8 each analysis day for those tests for which reagent blanks are  
9 ~~considered-good-laboratory-practice~~ required in the  
10 methodologies specified in part 4740.2030, subpart 1, or for  
11 which reagent blanks exist.

12 B. A duplicate must be run as part of every analysis  
13 set and at least ten percent of all samples run must be  
14 duplicates.

15 C. Duplicate samples must be collected in the field  
16 at least ten percent of the time for methodologies requiring  
17 extraction when the laboratory is doing the collection.

18 D. A spiked sample must be analyzed as a part of  
19 every analysis set, and at least ten percent of all samples run  
20 must be spiked when spiking is applicable to the method.

21 E. When 20 or more samples are run in an analysis  
22 set, the standard curve must be verified by running an  
23 additional working standard within the range of the standard  
24 curve.

25 F. When the verification value of the working  
26 standard is not within ten percent, or within another limit  
27 defined in the acceptable method, of the value indicated by the  
28 standard curve, appropriate corrective action must be taken.

29 G. When available, external reference standards for  
30 each analyte must be run periodically.

31 Subp. 6. Laboratory procedures manual. The laboratory  
32 shall possess a written document-controlled manual of procedures  
33 used by laboratory personnel to analyze samples. Actual  
34 practice must conform to the written procedures. The manual  
35 must have a table of contents and numbered pages. The manual  
36 must be reviewed annually and changes must be initialed by the

1 laboratory director or the director's designee. The description  
2 of each test procedure must include sections describing the  
3 sample used for the analysis, the sample acceptance and  
4 rejection criteria, the reagents, supplies, and materials and  
5 equipment used, step-by-step analysis procedures, methods of  
6 calculation, detection limits, reporting limits, safety  
7 precautions, and limitations of the procedure.

8 Subp. 7. Reagents. The laboratory shall use analytical  
9 chemicals meeting or exceeding minimum standards required in the  
10 methodology. The chemicals must be dated at time of receipt and  
11 removed before expiration of shelf life.

12 Subp. 8. Equipment. Instruments must meet the  
13 specifications of the methodology required for the analyte and  
14 program and must be maintained, monitored, and calibrated to  
15 assure accuracy.

16 Subp. 9. Sample reporting. The laboratory shall ~~indicate~~  
17 record on the data sheet when a sample ~~that-is~~:

18 A. has been incorrectly collected or preserved as  
19 ~~determined-by-inspection~~; or

20 B. is not analyzed within the holding time specified  
21 in the methodology.

22 Subp. 10. Duty to notify. The laboratory shall notify the  
23 commissioner in writing within 30 days of changes in:

24 A. laboratory location;

25 B. laboratory ownership;

26 C. major analytical equipment;

27 D. test methodology; and

28 E. principal, lead, or supervisory professional staff  
29 performing or responsible for the analyses.

30 4740.2040 CERTIFIED TEST CATEGORIES.

31 Subpart 1. Scope. The commissioner shall certify the  
32 analytes in subparts 2 to 4 for a specific program. The  
33 programs for which the commissioner shall certify an analysis  
34 are:

35 A. the Clean Water Program, Code of Federal

1 Regulations, title 40, part 136; and

2 B. the Safe Drinking Water Program, Code of Federal  
3 Regulations, title 40, part 141.

4 To be certified for a specific program, the laboratory  
5 shall use the sample collection, preservation, and handling  
6 techniques required in the methodology meeting the conditions of  
7 the specific program.

8 Subp. 2. Inorganic analytes.

9 A. Inorganic analytes eligible for certification  
10 under the Clean Water Program are:

- 11 (1) Acidity;
- 12 (2) Alkalinity;
- 13 (3) Biochemical Oxygen Demand, 5 day;
- 14 (4) Biochemical Oxygen Demand, carbonaceous;
- 15 (5) Chemical Oxygen Demand;
- 16 (6) Chloride;
- 17 (7) Color;
- 18 (8) Cyanide;
- 19 (9) Nitrogen, Ammonia;
- 20 (10) Nitrogen, Total Kjeldahl;
- 21 (11) Nitrogen, Nitrate;
- 22 (12) Nitrogen, Nitrite;
- 23 (13) Oil and Grease;
- 24 (14) Oxygen, dissolved;
- 25 (15) Phenol, Total Compounds;
- 26 (16) Phosphorus, Ortho;
- 27 (17) Phosphorus, Total;
- 28 (18) Residue (Solids), total;
- 29 (19) Residue (Solids), filterable (dissolved);
- 30 (20) Residue (Solids), nonfilterable (TSS);
- 31 (21) Residue (Solids), volatile;
- 32 (22) Specific Conductance;
- 33 (23) Sulfate;
- 34 (24) Sulfide; and
- 35 (25) Surfactant.

36 Total residual chlorine, pH, and turbidity analyses under

1 the Clean Water Program need not be done by a certified  
2 laboratory as long as the analyses are performed as soon as  
3 practicable but not later than one hour after collection and the  
4 methodology used is that specified under the Code of Federal  
5 Regulations, title 40, section 136.3.

6 B. Inorganic analytes eligible for certification  
7 under the Safe Drinking Water Program are:

- 8 (1) Cyanide;
- 9 (2) Fluoride;
- 10 (3) Nitrogen, Nitrate;
- 11 (4) Nitrogen, Nitrite; and
- 12 (5) Sulfate.

13 Subp. 3. Bacteriology.

14 A. Bacteriological analytes eligible for  
15 certification under the Clean Water Program are:

- 16 (1) Fecal Coliform Bacteria;
- 17 (2) Total Coliform Bacteria; and
- 18 (3) Fecal Streptococci Bacteria.

19 B. Bacteriological analytes eligible for  
20 certification under the Safe Drinking Water Program are:

- 21 (1) Fecal Coliform Bacteria;
- 22 (2) Total Coliform Bacteria; and
- 23 (3) Escherichia coli.

24 Subp. 4. Metal chemistry. The analysis of lead is  
25 eligible to be certified for the Clean Water Program and the  
26 Safe Drinking Water Program.

27

28 REPEALER. Minnesota Rules, parts 4717.4600, 4717.4700,  
29 4717.4800, 4717.4900, 4717.5000, 4717.5100, 4717.5200, and  
30 4717.5300 are repealed 60 days after the effective date of parts  
31 4740.2010 to 4740.2040.