

STATE OF MICHIGAN REQUIREMENTS FOR CERTIFICATION

Under Act 399, P.A. 1976 and Administrative Rules for Water Treatment & Distribution System Operators

R 325.11910. APPLICATION FOR EXAMINATION; NOTICE TO ACCEPTED APPLICANTS OF EXAMINATION.

Rule 1910. (1) To be certified for the operation of a public water supply other than a class F-5, class D-5 or class S-5, an individual shall submit, to the department, not less than 45 days before the announced examination date, an application for examination on a form provided by the department. To be certified for the operation of a class F-5, class D-5, or class S-5 an individual shall submit, to the department, not less than 20 days before the examination date, an application for examination on a form provided by the department. The information contained on the application shall be evaluated by the department, shall be subject to review by the advisory board, and shall constitute a part of the examination. The department may require verification of the education and experience of an applicant for an examination.

(2) Not less than 15 days before the examination the department shall notify all applicants of its findings and shall notify those applicants accepted for examination of the date, time, and place of the examination.

R 325.11911. APPLICANT FOR CERTIFICATION; GRADING.

Rule 1911. (1) An applicant for certification shall be graded in 4 major divisions as follows:

- (a) Educational qualifications of the applicant.
- (b) Experience qualifications of the applicant, where applicable.
- (c) The examination.
- (d) The laboratory examination, where applicable.

(2) An applicant shall satisfy the minimum criteria established by the department as outlined in Table 1 (see page 6 of this document) for educational qualifications before admission to the written examination.

(3) Criteria used for grading shall be determined by the department subject to the approval of the advisory board and shall be made available by the department.

(4) An applicant for certification may be required to submit, to the department, on request, names of persons familiar with the experience qualifications of the applicant.

R 325.11915. RENEWAL REQUIREMENTS.

Rule 1915. (1) The department shall renew a certificate on a 3-year cycle. To renew a certificate, a certificate holder shall submit, to the department, an application for renewal on a form provided by the department.

(2) To have a certificate renewed, a holder of a drinking water certificate shall satisfy the minimum criteria for continuing education requirements as required in the following table:

Table 1. Minimum requirements for continuing education

Highest certification level held	Minimum number of continuing education training hours required to renew	Minimum number of continuing education training hours categorized as "technical", "managerial," or both *
1 or 2	24	18
3	24	12
4	12	6
5	9	no minimum

* A certificate holder is not required to meet the requirements of this column to renew a certificate that was issued on or before the effective date of this rule. A certificate holder shall meet the requirements of this column to renew a certificate that was issued after the effective date of this rule.

OPERATOR CERTIFICATION PROGRAM CHANGES OPERATOR CERTIFICATION FEES

On September 20, 2011 Governor Snyder signed House Bills 447 and 448 into law. These became Public Act (P.A.) 147 and P.A. 148 and had an effective date of September 21, 2011. These bills contain specific details with regards to the new Operator Training and Certification Program fee package. The primary change is that a law was put in place to collect fees for the program services offered by the Operator Training and Certification Unit (OTCU)

What does this mean?

P.A. 147 and P.A. 148 allow the OTCU to collect fees for operator certification exams, operator certification renewals, operator training and Continuing Education Credit (CEC) provider course approval applications and course renewals.

Why are there fees?

The reason Operator Training and Certification fee legislation was put forth is that funding for some of the OTCU programs has been eliminated. The fee legislation will allow the OTCU to continue offering certification exams, renewals and Advisory Board approved training for continuing education credit.

How much are the fees for the Drinking Water Certification Program?

Examinations

- Drinking Water Operators
 - Levels 1, 2, 3 or 4 - \$70.00 per exam
 - Level 5 - \$45.00 per exam

Certification Renewals - \$95 for all certifications issued on a single certificate

- 3 year renewal cycle
 - Drinking Water certifications
 - Municipal wastewater certifications

CEC Providers - \$75 per course for all new course approvals

- 3 year course renewal cycle
 - Course renewals are \$50 for each course renewed

What if I apply to write two exams?

Individuals will be charged for all exams applied for. For example, if an individual applies to write the S-3 (\$70) and D-3 (\$70) drinking water certification exam, the fee would be \$140 for a total of two exams. Individuals denied eligibility to write certification exams will be expected to pay the examination fee for each exam applied for. **Be very specific in what you apply for, there are no refunds for denials, cancellations or no shows.**

In order to obtain certification, the examination fee must be paid. Notification of examination results will not be made until examination fees are received by the State.

WATER TREATMENT AND WATER DISTRIBUTION CERTIFICATION EXAMINATION PROCEDURES

There are three examination categories, “F” for Filtration, “D” for Limited Treatment and “S” for Distribution. Each category has various levels, 1-5. The “1” level represents the upper most level and the “4” level is considered the entry level for community water supplies. The F-1, F-2, D-1 and D-2 exams are generally scheduled in May. The S-1 and S-2 exams are generally scheduled in November. The F-3, F-4, D-3, D-4, S-3 and S-4 exams are offered two times a year on the same dates as the upper level exams. The level “5” exams are not usually of interest to community water utility employees. For information regarding the level “5” exams, call Matt Tomlinson at 517-241-8913 or email at tomlinsonm@michigan.gov

1. **Starting Time:** Exams begin at 8:30 a.m. Eastern time. An applicant may not be allowed to write an exam if (s)he arrives at the examination site later than 8:30 a.m. Applicants are encouraged to arrive at the exam site by 8:15 a.m.
2. **Exam Classification & Level Approval:** It is expected that the applicant will write the exam(s) that they were approved to write.
3. **Number of Exams:** An approved applicant may write up to two (2) examinations except that an applicant may write all three “4” level or “5” level examinations at one sitting. The applicant should decide which exam (s)he wants to write first, but applicants cannot look over the exams to decide. If an applicant is handed an exam, the exam will be graded even if the applicant does not attempt to answer any of the questions.
4. **Applicants writing F and/or D examinations may also be required to take a laboratory examination if the applicant has never held certification or allowed certification to lapse in the F or D classifications.** Applicants writing an F exam are expected to take the written lab exam on exam day. Applicants passing both the F exam and the written lab will be contacted later and a practical lab exam scheduled. Applicants writing a D examination at any location are expected to take the written lab exam on exam day-there is no longer a D practical lab exam.
5. **Cheating:** Examinees found to be cheating during the examination forfeit the exam and may not be allowed to write the exam again until approved to do so by the Advisory Board.
6. **Make-Up Exam:** Make-up exams will only be given when an extreme emergency prevents the applicant from writing the regularly scheduled exam and must be approved by the Advisory Board. Applicants requesting a make-up exam must notify the department, in writing, within six (6) business days from the date of the scheduled exam with a valid reason for requesting a make-up examination. Make-up exams will be conducted in Lansing or the Gwinn area. There is no make-up exam for applicants writing the “3”, “4”, or “5” level examinations because these exams are offered twice each year.
7. **Grading of Exams:** Examinations are based on a final grade of 100% for perfect examinations. All examinations are multiple choice exams, 70% is considered a passing grade. There is no partial credit or re-grading for multiple-choice exams.
8. **Release of Scores:** Exam scores will be reported out on the official examination notification letter, approximately 45 days from the date of the examination. Please do not call OTCU for a score during this time period. Exam scores are not disclosed over the phone.

9. **Exam Failures, Cancellations and No Shows:** No shows for an examination will constitute a failure. There are no refunds for cancellations under any circumstances.
10. **Individual Subtest Reports:** Individuals writing a “1”, “2”, “3” or “4” level exam, whether they pass the exam or fail it, will receive an Individual Subtest Report. This report shows whether or not a particular subject was mastered. The subjects not mastered or partially mastered are areas that should be studied prior to retaking the exam or taking a higher-level exam in the same category.
11. **Exam Content:** The subjects typically covered on the various certification examinations are noted on the following page. These subjects may change without notification.

Drinking Water Exam Locations

Drinking water certification exams are offered regionally (see below), throughout the State of Michigan. When you apply to write an exam, you will need to indicate the “region” where you would like to write your exam. Please select your top three locations you prefer to write at in the event your first site selection is full. The Operator Training & Certification Unit (OTCU) will attempt to accommodate you as best we can, however, since some exam sites have limited seating, re-assignments may be necessary. You will be notified of your exam location.

“Central MI” means the Lansing area

“East MI” means the Flint/Port Huron area

“West MI” means the Grand Rapids area

“Northern Lower MI” means the Grayling/Harrison area

“Southeast MI” means the Detroit area

“Southwest MI” means the Kalamazoo area

“Upper Peninsula” means the Escanaba/Marquette area

If you are unclear which region is closest to you for testing, feel free to write the city you desire to test directly on the application.

Level 1 & 2 Examinations

F CLASSIFICATIONS

Alkalinity, Bacteriology, Chemistry, Chlorination, Coagulation-Flocculation, Contingencies & Emergencies, Corrosion, Cross Connections, Customer Relations, Filtration, Fluoridation, Hydraulics, Instrumentation, Laboratory, Management, Membrane Technology, Microbiology, Operation & Maintenance, Other Disinfectants, Pretreatment, Pumps & Motors, Record Keeping, Safety, Sampling, SDWA (Act 399), Sludge, Softening, Source, Storage, Taste & Odor, THM's

D CLASSIFICATIONS

Corrosion, Cross Connections, Disinfection, Emergency/Security, Fluoridation, Hardness/Softening, Hydraulics, Instrumentation, Iron Removal, Laboratory Procedures, Management, Membrane Technology, Microbiology, Operation & Maintenance, Phosphate, Public Relations, Pumps & Motors, Record Keeping, Safety, Sampling, SDWA (Act 399), Taste & Odor, Wells

S CLASSIFICATIONS

Chlorination, Contingencies & Emergencies, Corrosion, Cross Connections, Customer Relations, Hydrants, Hydraulics, Instrumentation, Main Installation, Management, Meters, Operation & Maintenance, Pipes & Joints, Pumps & Motors, Record keeping, Safety, Sampling, SDWA (Act 399), Storage Reservoirs, Valves, Water Quality

Level 3 & 4 Examinations

F CLASSIFICATIONS

Alkalinity, Chemistry, Coagulation & Flocculation, Contingencies & Emergencies, Corrosion, Cross Connections, Customer Relations, DBP's, Disinfection, Filtration, Fluoridation, Hydraulics, Instrumentation, Laboratory, Management, Membrane Technology, Microbiology, Operation & Maintenance, Other Disinfectants, Pretreatment, Pumps & Motors, Record Keeping, Safety, Sampling, SDWA (Act 399), Sludge, Softening, Source, Storage, Taste & Odor

D CLASSIFICATIONS

Corrosion, Cross Connections, Disinfection, Emergencies & Security, Fluoridation, Harness/Softening, Hydraulics, Instrumentation, Iron Removal, Laboratory, Management, Membrane Technology, Microbiology, Operation & Maintenance, Phosphate, Public Relations, Pumps & Motors, Record Keeping, Safety, Sampling, SDWA (Act 399), Taste & Odor, Wells

S CLASSIFICATIONS

Chlorination, Contingencies & Emergencies/Security, Corrosion Control, Cross Connection Control, Customer Relations, Hydrants, Hydraulics, Instrumentation, Management, Meters, Microbiology, Operation & Maintenance, Pipes & Joints, Pumps & Motors, Record Keeping, Safety, Sampling, SDWA (Act 399), Storage, Valves, Water Quality, Water Main Installation

POINTS REQUIRED TO WRITE AN EXAMINATION

(Table 1)

EDUCATIONAL QUALIFICATIONS

F-1	80	D-1	70	S-1	70
F-2	70	D-2	60	S-2	60
F-3	60	D-3	60	S-3	60
F-4	60	D-4	60	S-4	60
F-5	60	D-5	60	S-5	60

EXPERIENCE QUALIFICATIONS

F-1	60	D-1	48	S-1	48
F-2	30	D-2	24	S-2	24
F-3	15	D-3	12	S-3	12
F-4	3	D-4	6	S-4	6
F-5	(NR)	D-5	(NR)	S-5	(NR)

NR-Not Required

F-1 Education Requirements--The 80 education points must include a high school education or equivalent and either two years of college credit or the equivalent. Two years of college credit may be a degree or a minimum of 60 semester hours without a degree. The equivalent is comprised of a list of "Required" and "Optional" courses determined by the Advisory Board. (See page 8 of this document.)

SCHEDULE OF POINTS GIVEN FOR FORMAL EDUCATION

8 th Grade	40	*Approved Two Year	
10 th Grade	50	Water-Wastewater Tech.	80
H.S. Diploma or GED	60	** B. S. in Engineering,	
2 yr. Associate Degree	70	Chemistry or Microbiology	80
Bachelor Degree	70	** Advanced Degree in	
Advanced Degree	70	Engineering, Chemistry or	
		Microbiology	90

* Curriculum approved by Advisory Board

** Degree must be in Engineering, Chemistry or Microbiology

EDUCATION POINTS ALLOWED AS SUBSTITUTION FOR EXPERIENCE

	F-1	F-2	F-3	F-4	D-1	D-2	D-3	D-4	S-1	S-2	S-3	S-4
**Science B.S.	12	9	6	0	12	9	6	3	12	9	6	3
**Advanced Degree	18	12	6	0	18	12	6	3	18	12	6	3
Bachelor Degree	4	4	0	0	2	2	0	0	2	2	0	0
Advanced Degree	4	4	0	0	2	2	0	0	2	2	0	0
* W/WW Tech	0	0	0	3	0	0	0	6	0	0	0	6

SUBSTITUTION OF EXCESS EXPERIENCE TOWARD EDUCATION

Excess experience only, can be substituted for education. This excess is based on exceeding the minimum points for the highest class in a category; for example, the F-1 requires 60 experience points. Therefore, if a person was applying for an F-3, (s)he would need 15 experience points to satisfy experience credit but (s)he would not begin calculating excess experience until after accumulating 60 experience points. Each excess experience point is worth 1/2 point of education with a maximum of 10 education points.

EXPERIENCE IN ALLIED FIELDS

Applicants holding multiple drinking water certificates may apply and qualify for the following exams

	F	D	S
Water Treatment Certificate F-1	---	D-4	S-4
Water Treatment Certificate F-2	---	D-4	S-4
Limited Treatment Certificate D-1	F-4	---	S-4
Limited Treatment Certificate D-2	---	---	S-4
Water Distribution Certificate S-1	F-4	D-4	---
Water Distribution Certificate S-2	---	D-4	---
Wastewater Treatment Certificate A	F-4	D-4	---
Registered Professional Engineer in a Responsible Drinking Water System Design or Construction Position	F-4	D-4	S-4

NUMBER OF FULL CATEGORIES WORKING IN	POINTS/MONTH	ALLOWABLE EXAM LEVEL	EXPERIENCE QUALIFICATIONS MUST INCLUDE
4	1	S-1	48 Points plus: work in 4 or more full categories for at least 1 year AND at least 2 years of operating experience of which 1 year is in a S-2 system or higher.
3	1	S-2	24 Points plus: work in 3 or more full categories for at least 1 year AND 1 year of operating experience in a S-3 system or higher.
2	1/2	S-3	12 Points plus: work in 2 or more full categories for 1 year.
1	1/2	S-4	6 Points
1/2	1/4	S-4	6 Points
NUMBER OF FULL CATEGORIES WORKING IN	POINTS/MONTH	ALLOWABLE EXAM LEVEL	EXPERIENCE QUALIFICATIONS MUST INCLUDE
4	1	F-1	60 Points plus: work in 4 or more full categories for at least 1 year AND at least 3 years of operating experience of which 1 year is in a F-2 system or higher.
3	1	F-2	30 Points plus: work in 3 or more full categories for at least 1 year AND 15 months of operating experience in a F-3 system or higher.
2	1/2	F-3	15 Points plus: work in 2 or more full categories for 1 year
1	1/2	F-4	3 Points
NUMBER OF FULL CATEGORIES WORKING IN	POINTS/MONTH	ALLOWABLE EXAM LEVEL	EXPERIENCE QUALIFICATIONS MUST INCLUDE
3	1	D-1	48 Points plus: work in 3 or more full categories for at least 1 year AND at least 2 years of operating experience of which 1 year is in a D-2 system or higher.
2	1/2	D-2	24 Points plus: work in 2 or more full categories for at least 1 year AND at least 2 years of operating experience in a D-3 system or higher.
1	1/2	D-3	12 Points plus: work in 1 or more full categories 1 year.
1	1/2	D-4	6 Points

Experience points awarded from "allied fields" or "education allowed as experience" MAY be counted as one full category

EDUCATION - F-1 APPLICANTS

F-1 Education Requirements--The 80 education points must include a high school education or equivalent and either two years of college credit or the equivalent. Two years of college credit may be a degree or a minimum of 60 semester hours without a degree. The equivalent is comprised of a list of "Required" and "Optional" courses determined by the Advisory Board. Each application will be thoroughly evaluated so that the individual will be given all the substitution credits (s)he is entitled to under the guidelines. If an individual is considering taking a course that is not specifically listed, they should check with Laura Chuhran at 517-241-7157 to make certain it is an acceptable equivalent.

REQUIRED COURSES

MAX. POINTS GIVEN

1.	Basic Chemistry or equivalent	3.0
2.	Applied Math or equivalent	3.0
3.	Applied Hydraulics or equivalent	3.0
4.	M.S.U. Water Bacteriology	2.2
5.	M.S.U. Water Chemistry	2.2
6.	Water Treatment Plant Operation, Volume I	4.0
7.	Water Treatment Plant Operation, Volume II	4.0
8.	M.S.U. Effective Communication or equivalent	3.0
9.	M.S.U. Management/Supervision or equivalent	4.0

OPTIONAL COURSES

Must have satisfactorily completed SIX of the Optional Courses in addition to the required courses.

10.	Water Distribution System Operation & Maintenance	2.4
11.	University of Michigan Borchardt Conference	0.5/day
12.	C.M.U. Plankton Course	2.8
13.	Pump/Motor Maintenance Course	2.0
14.	Basic Electricity	1.8
15.	Advanced Electricity	1.8
16.	Water Treatment Short Course I	1.8
17.	Water Treatment Short Course II	1.8
18.	Maintenance Management (M.S.U.)	3.0
19.	A Quantitative/Qualitative Chemistry Course	Varies
20.	A Sanitary Microbiology Course	Varies
21.	A Water Treatment Design Course	Varies
22.	An Accounting/Record Keeping Course	Varies

Please note that courses 6-9 and 18-22 are not provided through DEQ. They can be taken through universities, colleges, and community colleges. Courses 6, 7, 8, 9, and 18 are all correspondence courses. Course 2 and 10 may also be taken by correspondence. Correspondence course versions are 3.0 points.

CERTIFICATION RENEWAL STATUS

Operator Training and Certification Unit Certified Waterworks Operators

Individuals writing and passing a certification examination are issued certificates on the basis of a 3-year renewal cycle. This applies regardless of the number of certificates already held. The expiration date of the certification is extended so that it coincides with the **expiration date** for the exam most recently passed.

Individuals renewing a certificate are issued certificates on a 3-year renewal cycle provided they have met the continuing education renewal requirement for the highest level of certification held and submitted the completed renewal application. A certificate will expire on one of the quarterly expiration dates, as shown below, regardless of the calendar year.

Persons with an expired certificate are eligible for employment at a waterworks system; however, they cannot serve as the “operator in charge” or “back-up operator” of a distribution system, a treatment system or a shift operator at a water treatment plant.

A certificate that has expired may be reinstated within 1-year from the expiration date of the certificate only when an individual has completed the necessary continuing education requirements as prorated from the certificate’s expiration date. **If a certificate is not reinstated within 1-year, the individual will no longer hold any drinking water certification and will be required to re-test for the desired certification.**

Quarterly <u>Expiration Dates</u> regardless of calendar year	January 15	April 15	July 15	October 15
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The following is a guide to help calculate the prorated CEC’s for the expired D, DR, F, FR and/or S, SR certifications held.

Certification Level Held	Renewal CEC’s needed	1 to 90 days expired	91 to 180 days expired	181 to 270 days expired	271 to 365 days expired
1, 2, or 3	2.4	2.6	2.8	3.0	3.2
4	1.2	1.3	1.4	1.5	1.6
5	0.9	0.9	1.0	1.1	1.2

For example, if an individual wrote and passed a fall 2009 exam, the issue date would be the day of the exam, 11/4/2009. Three years out would be in November 2012, but the closest future quarterly expiration date is January 15, 2013. If the individual did not meet the renewal CEC’s needed, the schedule above would apply. The days denoted in the table above are an approximation since the DEQ works with quarterly expiration dates only. **There is no flexibility in this policy. It is the certified operator’s responsibility to maintain a training history and be able to verify any training attended, and to submit a renewal application no sooner than 8 weeks prior to certification expiration.**

A renewal applicant, who does not meet the continuing education requirements for the higher certification levels (1, 2 or 3) but meets the continuing education requirements for the level 4, may choose to renew at the 4 level and give up the higher certification level. The request to give up the higher level certification level and be renewed as a 4 level must be in writing.

Certified operators can check their CEC’s and certification status online at:
<http://www.michigan.gov/deqoperatortraining>

Certified operators due to expire can generate a renewal application online 8 weeks or less prior to expiration by clicking on the link “Check Your Drinking Water CEC’s Online and Approved Courses” to open the Operator Training & Certification Information System (OTCIS) page. Use the navigation tools on the left side of the OTCIS page to search out operator information by last name or operator ID.

CONTINUING EDUCATION CREDIT

Operator Training and Certification Unit

Certified Drinking Water Operators

Highest certification level held	Minimum number of continuing education training hours* required to renew	Minimum number of continuing education training hours categorized as "technical" or "managerial"
1 or 2	24	18
3	24	12
4	12	6
5	9	no minimum

Training courses qualifying for continuing education credit must be advisory board-approved. Individuals may download a complete list of approved courses from the OTCU website that lists continuing education credit for courses not shown on this document at <http://www.michigan.gov/deqoperatortraining>.

Successful Course Completion - One or two day meetings and seminars require full day attendance for successful completion. Upon arrival at the meeting or seminar (within 30 minutes of the start of the meeting), individuals desiring continuing education credit must obtain a continuing education credit form. This form must be validated by a course official immediately following the conclusion of the meeting. The individual retains a copy of this form and a second copy is left with the course official. This second, validated form will be sent to the Operator Training & Certification Unit and recorded. If an individual leaves a meeting early, the form will not be validated and continuing education credit will not be given. Credit for one and two-day meetings of this type are normally assigned on the basis of contact hours with 1.0 CEC for 10 contact hours. Partial credit will not be given for one-day meetings. For courses of a longer duration, such as the 3-day courses or 12-week courses, successful completion for full credit generally requires individuals to meeting the attendance requirement.

Repeat Credit - Full credit may be awarded for repeat attendance at meetings and seminars with a changing course content or agenda, such as Regional Meetings and the Michigan Section, AWWA and Michigan Rural Water Association annual conferences. For courses that basically repeat the course content, continuing education credit may be awarded to the individual for each successful repeat that occurs outside or after his or her current renewal cycle. No credit will be awarded for repeating such courses during the current certificate renewal period.

Credit for Course Instructors - Continuing education credit for course instructors may be awarded for certain courses of long duration (20 contact hours or greater). Such credit will be awarded based on the number of contact hours available to students taking the course, except that instructors may not be awarded more than one-half the number of continuing education hours required for their own level of certification. This maximum value applies to all such courses conducted by an instructor within the instructor's current renewal period.

In-Service Training & College Courses - Advisory board-approved water utility in-service training and individual college courses may be awarded continuing education credit. Water utility in-service training programs must be approved by the advisory board of examiners. CECs will be awarded for any college course when the student receives credit from the college or university provided the course is a semester in duration and relates to the duties, responsibility, operation, maintenance or supervision of a drinking water system. The following course categories merit credit: Math, Chemistry, Physics, Computer, Electronics, Public Administration/Management, Mechanics/Technical, General Business, Engineering, Technical Writing/Communication, and Microbiology. It is recommended that students electing to take such courses contact Matt Tomlinson at 517-241-8913 prior to enrolling in the course.

Other Credit - Continuing education credit equal to 1 hour (0.1 CEC) maximum may be awarded annually for an active individual, an active affiliate or an active organization representative membership in certain organizations, such as the American Water Works Association (AWWA) and Michigan Rural Water Association (MRWA). This credit value is based upon full year membership as of December 31 of each year. Accordingly, individuals holding membership each month of the 3-year renewal period may be awarded the maximum available credit of 3 hours (0.3 CECs). This credit may also be awarded in ensuing renewal periods. Also, a maximum of 6 hours (0.6 CECs) for exhibits, such as Joint Expo or MRWA annual exhibits will be allowed in any 3-year renewal cycle.

Operator Training and Certification Staff

Robert Babcock - Program Chief, email: babcockr@michigan.gov

Fax Number 517-241-0325

Renee Arntz – Secretary, 517-241-7199, email arntzr@michigan.gov
Provides clerical support for drinking water and wastewater programs.
Mails exam applications and training information for both programs.

Drinking Water Staff

Paul Brun Del Re – Analyst, 517-241-8914, email: brundelrep@michigan.gov
Coordination and instruction at various training events. Prepares drinking water exams, study guides and worksheets. Coordinates courses at Gull Lake and Higgins Lake.
Answers questions on drinking water certification; renewal, exams, status.

Laura Chuhran – Technical Engineer, 517-241-7157, email: chuhranl@michigan.gov
Provides technical training for drinking water operators.
Answers questions on drinking water certification; renewal, exams, status.

John Koenigsknecht – Environmental Tech, 517-373-0191, email: koenigsknechtj@michigan.gov
Maintains operator training and certification database, processes certification renewals.

Matt Tomlinson – Analyst, 517-241-8913, email: tomlinsonm@michigan.gov
Coordinates course approvals for CEC's. Coordinates Level 5 Exams.
Answers questions on drinking water certification; renewal, exams, status.

Wastewater Staff

Dan Holmquist – Wastewater Specialist, 517-373-4753, email: holmquistd@michigan.gov
Provides technical training and technical assistance for wastewater treatment facilities.
Answers questions on municipal wastewater certification and exams.

Bruce Lack – Technician, 517-373-4755, email: lackb@michigan.gov
Assists with municipal and industrial wastewater training and certification program. Coordinates SESC training and certification program. Answers questions on wastewater training and certification.
Manages courses registration, assists with certification exams.

Earl Wuestnick – Wastewater Specialist, 517-373-4754, email: wuestnicke@michigan.gov
Provides technical training and technical assistance for wastewater treatment facilities.
Answers questions on industrial wastewater certification and exams.