

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, an individual shall submit to the department, not less than 60 days before the announced examination date, an application for examination on a form provided by the department. This deadline is extended to not less than 30 days before the examination for the F-5, D-5, or S-5 classification examinations if proof of credit card or debit card fee payment under MCL 324.3110 is submitted with the application. 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.

(3) For the purposes of certifying individuals attending specific department approved training programs specified under R 325.11906a, the department may waive the requirement for an examination application.

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 Program (OTCP)

What does this mean?

P.A. 147 and P.A. 148 allow the OTCP 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 OTCP programs has been eliminated. The fee legislation will allow the OTCP 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. All drinking water certification exams will be offered twice a year in May and November. The level “5” exams are for noncommunity (Type II) water supplies and are not usually of interest to community water utility employees. For information regarding the level “5” exams, call Jamie Hockemeyer at 517-284-5426 or email at hockemeyerj@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. The exam concludes at 4:00 p.m. There will be no lunch break during the exam times.
2. **Exam Classification & Level Approval:** An applicant will only be allowed to write the exam(s) that they were approved to write.
3. **Number of Exams:** An approved applicant may write more than one examination. 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. All exams must be completed within the established exam time frame.
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 certification exam 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 circumstance(s) prevent the applicant from writing the regularly scheduled exam and must be approved by the Advisory Board. The claim for make-up exams will be handled by the department and the Advisory Board on a case by case where applicable. Applicants requesting a make-up exam must notify the department by email or writing, within seven (7) 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 where arrangements have been made.
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 OTCP 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(s), 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 Program (OTCP) 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/Ypsilanti 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, write the city you desire to test at 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 Water-Wastewater Tech.	80
10 th Grade	50	** B. S. in Engineering, Chemistry or Microbiology	80
H.S. Diploma or GED	60	** Advanced Degree in Engineering, Chemistry or Microbiology	90
2 yr. Associate Degree	70		
Bachelor Degree	70		
Advanced Degree	70		

* 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 an S-2 system or higher.
3 year	1	S-2	24 Points plus: work in 3 or more full categories for at least 1 AND at least 1 year of operating experience in an 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
½	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 an 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 at least 15 months of operating experience in an 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	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 Scott Schmidt at 517-284-5431 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
Michigan Department of Environmental Quality
Operator Training and Certification Program (OTCP)
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.

Quarterly Expiration Dates regardless of calendar year	January 15	April 15	July 15	October 15
--	------------	----------	---------	------------

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 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.**

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 a higher certification level (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

Michigan Department of Environmental Quality, Operator Training and Certification Program (OTCP)
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

It will be your responsibility to obtain the correct combination of training so that you will be able to renew your certificate when it is ready to expire.

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

It is strongly recommended that you check the list of approved courses and their categories prior to signing up for a course or training.

Successful Course Completion - One or two day meetings and seminars require full day attendance for successful completion. This will be determined by signing a training course participant roster, filling out a continuing education credit form (CEC) which is validated by a course official at the conclusion of the training, or by obtaining a certificate of completion after a training course or seminar has concluded. If an individual leaves a meeting or course early 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 meet 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 Paul Brun Del Re at 517-284-5426 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

Kris Philip – Unit Chief, Vgej plectUw r qtvUnit, email: philipk@michigan.gov

Courtney Vincent – Secretary, 517-284-5424, email vincentC4@michigan.gov
Provides clerical support for community drinking water programs.
Mail training information and notification letters for the drinking water program.

OTCP Fax Number- 517-241-1328

Drinking Water Staff

Ariel Zoldan – Analyst, 517-284-5426, email: ZoldanA@michigan.gov
Coordination and instruction at various training events. Prepares drinking water exams, study guides and worksheets. Coordinates course approvals for CEC's.
Answers questions on drinking water certification; renewal, exams, status.

Scott Schmidt – Environmental Analyst, 517-284-5431, email: schmidts@michigan.gov
Coordinates exam sites and training events. Reviews exam applications.
Maintains correspondence(s), operator training database, and operator records.
Answers questions on drinking water certification; renewal, exams, status.

John Koenigsknecht – Environmental Tech, 517-284-5430, email: koenigsknechtj@michigan.gov
Maintains operator training records, certification history, and processes certification renewals.