August 8, 2021

ANNETTE CARAWAY/JON STRUTZEL
CA WT OPERATOR CERTIFICATION

The following water/wastewater operator has applied to South Dakota to receive an Operator Certificate thru reciprocity. South Dakota will grant certificates by reciprocity to operators coming from states where their certification program is of a standard not lower than ours and will extend reciprocal privileges to our operators.

Please answer the following questions concerning your operator certification program so that the South Dakota Board of Operator Certification may make a decision at their next Board meeting (September 14, 2021) as to whether certification should be granted.

Name Robert Bolen Cole

Address 36200 Paradise Ranch-#76, Castaic CA 91384

License Held CA Water Treatment Operator Grade T3-#33888

CLASS II WT

What is the education requirement (HS graduation, years of post-secondary, etc.) for this license(s)?

HS Diploma or GED

What is the work experience requirement for this license(s)?

Two years of water treatment experience

Was a written exam taken to gain this license(s)? Yes

What type of questions is on the exam? 85 multiple choice, 15 math

What is the minimum score to pass the exam? 70%

Is your certification program mandatory? Yes

Is this license(s) valid at this time? Yes, expires on 7/01/2022

Will your program grant reciprocity to all South Dakota water and wastewater operators if minimum requirements are met? Note-South Dakota will grant reciprocity on a case-by-case basis. We compare the education/work experience requirements for your certificate with the requirements for our SD certificates. We do NOT review the education/experience of the operator himself. It is also required that your state will grant reciprocity to our operators coming to your state.

Yes we do

Comments

Name and title of person completing this form-

Jon Strutzel Program Specialist

Please check which certificates your agency issues-

X Water Treatment

X Water Distribution

X Wastewater Treatment

__ Wastewater Collection

South Dakota's Operator Certification Law can be found at-
http://legis.sd.gov/statutes/DisplayStatute.aspx?Type=Statute&Statute=34A-3

Our regulations are contained within- http://legis.sd.gov/rules/DisplayRule.aspx?Rule=74:21:02

Feel free to write your answers on this sheet, and please include a copy of your regulations concerning Operator Certification. **Please email or fax your reply if possible.** If there are any questions on this matter, feel free to contact me in Pierre. Thank you for your help.

Sincerely,

Rob Kittay-Secretary
Board of Operator Certification
523 E Capitol
Pierre SD 57501
Phone: 605-773-4208
Fax: 605-773-5286
E-mail: rob.kittay@state.sd.us
Web Site: http://denr.sd.gov/des/dw/opcertqa.aspx

SOUTH DAKOTA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

APPLICATION FOR OPERATOR CERTIFICATION THRU RECIPROCITY

INSTRUCTIONS TO APPLICANTS:

Application must be received by the Secretary at least FOUR WEEKS BEFORE THE NEXT MEETING OF THE BOARD OF OPERATOR CERTIFICATION. One certificate per application. Fax application to 605-773-5286 or mail application to:

Rob Kittay-Secretary
Board of Operator Certification
523 East Capitol-Foss Building
Pierre, SD 57501-3181

Applications for certification thru reciprocity are reviewed on a case-by-case basis by the Board of Operator Certification. Requirements for the certificate presently held in your state are compared to the requirements for the desired certificate in South Dakota. A copy of the certificate presently held should be included with the application. Each application must be accompanied by a check or money order for $10.00 made out to "DENR". If you fax application, please submit fee through the mail.

GENERAL INFORMATION (Print legibly and fill out completely):

1. Name Cole (Last) Robert (First) Bolen (Middle)

2. Home Mailing Address 36200 Paradise Ranch Road, Space 76, Castaic, CA 91384

3. Phone 714-334-9777 Fax 661-257-3137

4. Email Address bebop@att.net

South Dakota Certificate Desired (Check only one)

- ☒ Water Treatment
- ☐ Water Distribution
- ☐ Wastewater Treatment
- ☐ Wastewater Collection
- ☐ Small Water Treatment
- ☐ Small WW System/ Stabilization Pond

Certificate Level (Check only one)

- ☐ I
- ☐ II
- ☒ III
- ☐ IV

5. Certificate Now Held Water Treatment III, 33888 From Which State California

6. Was an exam passed to acquire this certificate? Check one. Yes ☒ No ☐

Jon. Strutzel@ waterboards.ca.gov
Annette. Caraway...
WB-DWP-OpCert Program...

7. Is this certificate valid with all fees up-to-date? Check one. Yes ☒ No ☐

EDUCATION AND TRAINING

Are you a high school graduate? Check one. Yes☒ No☐ GED☐ If no, year completed _____

College/Vo-tech Name	Dates Attended	Major	Date Graduated
College of the Canyons	2012-2014	Water and Waste Water	

List other educational courses completed such as correspondence school, operators' short courses, etc. Give date, name, and location of such courses.

Water Treatment, AWWA,2012-Treatment Operator II, CoC,2013-Distrubution Operator I, CoC,2012-Distribution Operator II, Coc,2013-Water Supply, CoC,2013-Water Works Math, Coc,2013-Advanced Water Math, Coc,2014-Water Quality, CoC,2014-Chemical Feed systems and Pump Calibration, Suncoast Learning,2018-Maintaining Water Quality, Suncoast Learning,2018-Corrosion Control Treatment, Suncoast Learning,2019-Bacteriologic Diseases, Technical Learning College,2021

WATER/WASTEWATER OPERATION EXPERIENCE

Present Position Title Operator in Charge Date Employed 7/10/2010

Supervisor Name and Title Mary Orr, Regional Supervisor

Describe in detail your daily duties as related to the exam for which you are applying (Be Specific!)

Compile and submit Monthly,Quarterly and Annual reports to SWRCB-Check and record all reads from Wells,pump station and reservoirs daily-take samples and submit to lab-Check equipment daily and maintain as required-Operate,maintain and service 20,000 gal/day Axeon Reverse Osmosis system,Complete CCR and distribute annually-Answer Customer questions-Check, Exercise and Replace Vavles thoughout the system-Check and maintain Booster Pumps to maintain system pressure-Respond to emergency situations as needed-Operate service and Maintain 21,000 gal/day MBR waste water treatment plant(Prior to 2015, I operated a 40,000 gal/day extended aeration Waste Treatment Plant)

List other job experience which you feel will pertain to your certification qualifications.

Dates	Employer Name/Location	Specific Job Duties Related to Exam Applied For
7/10/2010 to prese	Paradise Ranch/Castaic	Waste Water Treatment Operator III /MBR Plant

I hereby certify that this application contains no willful misrepresentations or falsifications and that the information given is true and complete.

Signature _____ Date 8/4/2021

Oper# 13073	
Cert Date	
Reciprocity Approved	Yes ☐ No ☐
Cash	Check RD - 2207
DENR Use Only	$60

05/2010

State of California
State Water Resources Control Board

IN ACCORDANCE WITH DIVISION 104, PART 1, CHAPTER 4, ARTICLE 3
OF THE HEALTH AND SAFETY CODE

Robert B. Cole

IS AUTHORIZED TO OPERATE OR SUPERVISE THE OPERATION OF A WATER TREATMENT FACILITY
FOR PRODUCTION OF WATER FOR DOMESTIC USE AND IS HEREBY GRANTED THIS CERTIFICATE FOR

Water Treatment Operator

Grade T3

Operator Number: 33888

Issued
July 2016

State Water Resources Control Board

This verifies that the individual named below has paid the appropriate fee and is a certified **Water Treatment Operator**

Name: **Robert B. Cole**
Level: **T3** **Operator # 33888**
Expires: **7-1-2022** ***Fee Paid:*** **$90**
Due: **3-1-2022**
Signature:

PARADISE RANCH ESTATES MHP
36200 Paradise Ranch Road
Castaic, CA 91384
Phone 661-257-2728
Fax 661-257-3137

May 13, 2016

State Water Resources Control Board
Office of Operator Certification
Drinking Water Operator Certification Program
P O Box 944212
Sacramento, CA 94244-2120

RE: Drinking Water Certification for ROBERT B. COLE Grade Level: T2-33888, D2-39132; Wastewater Treatment Plant Operator Grade 2-41188

Operator has been employed with the system since July 8, 2010. During his employment he has held the following positions:

Onsite Operator from July 8, 2010 to July 2013.

Operator in Charge from July 2013 to present and is currently working in this position.

His duties performed consist of:

- Compile and submit Monthly, Quarterly and Annual reports to CRWQCB
- Check and record all reads from wells, pump station, and reservoirs daily
- Take samples and submit to laboratory for testing
- Monitor laboratory results to insure accuracy
- Check equipment daily and maintain as required
- Operate, maintain and service 20,000 GPD Axeon Reverse Osmosis system
- Complete CCR and distribute annually
- Answer customer questions
- Check, exercise and replace valves as necessary throughout system
- Check and maintain Booster Pumps to maintain water pressure
- Respond to emergency situations as needed – 24 hour on call
- Operate, service and maintain 40,000 GPD Wastewater Treatment Plant

The number of hours spent performing above duties consist of a minimum of 40 hours per week, often more.

The Water System Number is 1910099, classified as T2, D1.

OFFICIAL TRANSCRIPT OF ACADEMIC RECORD

CONFIDENTIAL RECORD ISSUED IN ACCORDANCE WITH THE FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT OF 1974

CREDENTIALS SECURITY SEAL IN THE CORNER SHOULD TEMPORARILY DISAPPEAR WHEN RUBBED OR BREATHED ON

OFFICIAL TRANSCRIPT

08/02/21

College of the Canyons
Academic Record

Robert Bolen Cole

ID #: 0297986
DOB: 12/13/60

Course	Title	Grade	UA	UE	GP	GPA	Codes
	SPRING 2012						
WATER-040	Water Distrib Operator I	A	3.00	3.00	12.00		
	Term Totals:		3.00	3.00	12.00	4.00	
	Cumulative Totals:		3.00	3.00	12.00	4.00	
	FALL 2012						
WATER-052	Water Treat. Plant Op.Proc. II	A	3.00	3.00	12.00		
	Term Totals:		3.00	3.00	12.00	4.00	
	Cumulative Totals:		6.00	6.00	24.00	4.00	
	SUMMER 2013						
WATER-030	Waterworks Mathematics	A	3.00	3.00	12.00		
WATER-041	Water Distribution Operator II	A	3.00	3.00	12.00		
	Term Totals:		6.00	6.00	24.00	4.00	
	Cumulative Totals:		12.00	12.00	48.00	4.00	
	FALL 2013						
REAL-100	Real Estate Principles	A	3.00	3.00	12.00		
WATER-032	Water Supply	A	3.00	3.00	12.00		
	Term Totals:		6.00	6.00	24.00	4.00	
	Cumulative Totals:		18.00	18.00	72.00	4.00	
	SPRING 2014						
WATER-035	Water Quality	A	3.00	3.00	12.00		
WATER-031	Adv Waterworks Mathematics	A	3.00	3.00	12.00		
REAL-101	Real Estate Practices	A	3.00	3.00	12.00		
	Term Totals:		9.00	9.00	36.00	4.00	
	Cumulative Totals:		27.00	27.00	108.00	4.00	
	FALL 2014						
WATER-060	Wastewater Treat & Disposal I	A	3.00	3.00	12.00		
WATER-061	Wastewater Treat & Disposal II	A	3.00	3.00	12.00		
	Term Totals:		6.00	6.00	24.00	4.00	
	Cumulative Totals:		33.00	33.00	132.00	4.00	

COLLEGE OF THE CANYONS

DIRECTOR OF ADMISSIONS AND RECORDS

This transcript processed and delivered by Credentials TranscriptsNetwork

OFFICIAL TRANSCRIPT OF ACADEMIC RECORD

OFFICIAL TRANSCRIPT

08/02/21

College of the Canyons
Academic Record

Robert Bolen Cole

ID #: 0297986
DOB: 12/13/60

Course	Title	Grade	UA	UE	GP	GPA	Codes
	SPRING 2015						
REAL-130	Escrow Proced. and Processing	A	3.00	3.00	12.00		
	Term Totals:		3.00	3.00	12.00	4.00	
	Cumulative Totals:		36.00	36.00	144.00	4.00	
	Overall:		36.00	36.00	144.00	4.00	
	Degree Applicable Totals:		36.00	36.00	144.00	4.00	
	COC CSU Transferable Totals:		9.00	9.00	36.00	4.00	
	COC UC Transferable Totals:		0.00	0.00	0.00	0.00	

COLLEGE OF THE CANYONS

DIRECTOR OF ADMISSIONS AND RECORDS

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CONFIDENTIAL RECORD ISSUED IN ACCORDANCE WITH THE FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT OF 1974

CREDENTIALS SECURITY SEAL IN THE CORNER SHOULD TEMPORARILY DISAPPEAR WHEN RUBBED OR BREATHED ON

California Water Boards

Drinking Water Treatment

Minimum Qualifications for Examination and Eligibility Criteria for Certification

Grade	Minimum Qualifications for Examination	Eligibility Criteria for Certification
T1	High School Diploma / GED Equivalency*.	Successful completion of the **Grade T1** examination within the three years prior to submitting certification application.
T2	High School Diploma / GED Equivalency* **AND** **One** 3-unit (or 36-hour) course of specialized training covering the fundamentals of drinking water treatment.	Successful completion of the **Grade T2** examination within the three years prior to submitting certification application.
T3	High School Diploma / GED Equivalency* **AND** **Two** 3-unit (or 36-hour) courses of specialized training that include at least one course in drinking water treatment and a second course in either drinking water treatment, distribution, or wastewater treatment.	Successful completion of the **Grade T3** examination within the three years prior to submitting certification application **AND** At least **one year** of operator experience working as a certified T2 operator at a T2 facility or higher. This may be substituted with (3) below. **AND** At least **one additional year** of operator experience working as a certified treatment operator. This may be substituted with (1), (2), or (4) below.
T4	Current T3 certification **AND** **Three** 3-unit (or 36-hour) courses of specialized training that include at least two courses in the fundamentals of drinking water treatment and a third course in either drinking water treatment, distribution, or wastewater treatment.	Successful completion of the **Grade T4** examination within the three years prior to submitting the application for certification **AND** At least **one year** of operator experience working as shift or chief operator, while a certified T3 operator at a T3 facility or higher. This may be substituted with (3) below. **AND** At least **three additional years** of operator experience working as a certified treatment operator. This may be substituted with (1) or (4) below.
T5	Current T4 certification **AND** **Four** 3-unit (or 36-hour) courses of specialized training that include at least two courses in drinking water treatment and two additional courses in either drinking water treatment, distribution, or wastewater treatment.	Successful completion of the **Grade T5** examination within the three years prior to submitting the application for certification **AND** At least **two years** of operator experience working as a shift or chief operator, while a certified T4 operator at a T4 facility or higher. There are no substitutions. **AND** At least **three additional years** of operator experience working as a certified treatment operator. This may be substituted with (1) or (4) below.

*High School Diploma/GED equivalency for **Grades 1 and 2 ONLY** can be fulfilled with either successful completion of **Basic Small Water Systems Operations** course provided by the Department **OR 1 year** as an operator of a facility that required an understanding of a chemical feeds, hydraulic systems, and pumps.

Experience substitutions for certification, as referenced above.

1) A relevant degree earned at an accredited academic institution may be substituted as follows:
   a) Associate's Degree or Certificate in Water or Wastewater Technology that includes at least 15 units of physical, chemical, or biological science may be used to fulfill **1 year of operator experience**.
   b) Bachelor's Degree in engineering or in physical, chemical, or biological sciences (e.g Biology, Chemical Engineering, Chemistry, Civil Engineering, Environmental Engineering, Microbiology, Public Health, or Sanitary Engineering) may be used to fulfill **1.5 years of operator experience.**
   c) Master's Degree in the above mentioned fields in (b) may be used to fulfill **2 years of operator experience.**
2) A certified operator may substitute, on a day-for-day basis, experience gained while working with lead responsibility for water quality related projects of research (e.g. pilot plant).
3) If an applicant has a Bachelor's or Master's of Science degree, completion of a comprehensive operator training program, pursuant to Section 63800(h), may be substituted for the required experience.
4) Experience gained as a certified wastewater treatment operator may be used to substitute up to 2 years of the experience requirement. Wastewater treatment operator experience is credited on a two-for-one basis (i.e. 2 months in wastewater=1 month in drinking water).

August 3, 2021

ANNETTE CARAWAY/PHILLIP COHEN
CA WW OPERATOR CERTIFICATION

The following water/wastewater operator has applied to South Dakota to receive an Operator Certificate thru reciprocity. South Dakota will grant certificates by reciprocity to operators coming from states where their certification program is of a standard not lower than ours and will extend reciprocal privileges to our operators.

Please answer the following questions concerning your operator certification program so that the South Dakota Board of Operator Certification may make a decision at their next Board meeting (September 14, 2021) as to whether certification should be granted.

Name Robert Bolen Cole

Address 36200 Paradise Ranch-#76, Castaic CA 91384

Class II WW

License Held CA WW Treatment Plant Operator Grade III-#41188

What is the education requirement (HS graduation, years of post-secondary, etc.) for this license(s)?

The minimum education required for the Grade III Wastewater certificate is HS Diploma or equivalent and 12 CEU's.

What is the work experience requirement for this license(s)?

The minimum full-time qualifying experience for the Grade III WW cert is either 3 years as a Grade II WW Operator or 4 years of full-time experience as any level of operator.

Was a written exam taken to gain this license(s)? Yes

What type of questions is on the exam? Please see attached

What is the minimum score to pass the exam? 70% AND at least 50% of the Math questions

Is your certification program mandatory? Yes

Is this license(s) valid at this time? Yes

Will your program grant reciprocity to all South Dakota water and wastewater operators if minimum requirements are met? Note-South Dakota will grant reciprocity on a case-by-case basis. We compare the education/work experience requirements for your certificate with the requirements for our SD certificates. We do NOT review the education/experience of the operator himself. It is also required that your state will grant reciprocity to our operators coming to your state.

The State of CA grants exam waivers (formerly known as reciprocity) to individuals from all states on a case-by-case basis.

Comments

Name and title of person completing this form-

Phillip Cohen – Associate Governmental Program Analyst – Wastewater Operator Certification Program

Please check which certificates your agency issues-

x Water Treatment x Water Distribution

x Wastewater Treatment ___ Wastewater Collection

South Dakota's Operator Certification Law can be found at-
http://legis.sd.gov/statutes/DisplayStatute.aspx?Type=Statute&Statute=34A-3

Our regulations are contained within- http://legis.sd.gov/rules/DisplayRule.aspx?Rule=74:21:02

Feel free to write your answers on this sheet, and please include a copy of your regulations concerning Operator Certification. **Please email or fax your reply if possible.** If there are any questions on this matter, feel free to contact me in Pierre. Thank you for your help.

Sincerely,

Rob Kittay-Secretary
Board of Operator Certification
523 E Capitol
Pierre SD 57501
Phone: 605-773-4208
Fax: 605-773-5286
E-mail: rob.kittay@state.sd.us
Web Site: http://denr.sd.gov/des/dw/opcertqa.aspx

SOUTH DAKOTA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

APPLICATION FOR OPERATOR CERTIFICATION THRU RECIPROCITY

INSTRUCTIONS TO APPLICANTS:

Application must be received by the Secretary at least FOUR WEEKS BEFORE THE NEXT MEETING OF THE BOARD OF OPERATOR CERTIFICATION. One certificate per application. Fax application to 605-773-5286 or mail application to:

Rob Kittay-Secretary
Board of Operator Certification
523 East Capitol-Foss Building
Pierre, SD 57501-3181

Applications for certification thru reciprocity are reviewed on a case-by-case basis by the Board of Operator Certification. Requirements for the certificate presently held in your state are compared to the requirements for the desired certificate in South Dakota. A copy of the certificate presently held should be included with the application. Each application must be accompanied by a check or money order for $60.00 made out to "DENR". If you fax application, please submit fee through the mail.

GENERAL INFORMATION (Print legibly and fill out completely):

1. Name Cole (Last) Robert (First) Bolen (Middle)

2. Home Mailing Address 36200 Paradise Ranch Road, Space 76, Castaic, CA 91384

3. Phone 714-334-9777 Fax 661-257-3137

4. Email Address bebop@att.net

South Dakota Certificate Desired
(Check only one)

- ☐ Water Treatment
- ☐ Water Distribution
- ☒ Wastewater Treatment
- ☐ Wastewater Collection
- ☐ Small Water Treatment
- ☐ Small WW System/ Stabilization Pond

Certificate Level
(Check only one)

- ☐ I
- ☐ II
- ☒ III
- ☐ IV

5. Certificate Now Held Waste Water Treatment III,41188 From Which State California

6. Was an exam passed to acquire this certificate? Check one. Yes ☒ No ☐

7. Is this certificate valid with all fees up-to-date? Check one. Yes ☒ No ☐

EDUCATION AND TRAINING

Are you a high school graduate? Check one. Yes☒ No☐ GED☐ If no, year completed _____

College/Vo-tech Name	Dates Attended	Major	Date Graduated
College of the Canyons	2012-2013	Water and Waste Water	

List other educational courses completed such as correspondence school, operators' short courses, etc. Give date, name, and location of such courses.

Waste Water Treatment and Disposal I, 2012 ,College of the Canyons
Water Works Math, 2012, Colege of the Canyons
Waste Water Treatment and Disposal II, 2013, College of the Canyons
Advanced Water Works Math, 2013, College of the Canyons
Grade 3 Exam Review,2017, Viridian WasteWater Consulting

WATER/WASTEWATER OPERATION EXPERIENCE

Present Position Title Chief Plant Operator Date Employed 7/8/2010

Supervisor Name and Title Mary Orr, Regional Supervisor

Describe in detail your daily duties as related to the exam for which you are applying (Be Specific!)

Visually inspect plant daily-Check operation of grinder, clear debris as required-Check operation of lift station pumps-Check operation of influent screen, clear as necessary, empty grindings daily-Monitor anoxic mixing liquid level probe-Check and monitor aeration chamber for proper level of MLSS-Check and calibrate DO probes, MLSS and liquid level probes-Monitor membrane performance and perform cleaning as necessary-Monitor and clean/replace blower filters-Lubricate all motors at plant-Maintain sludge holding tank and remove excess waste off-site-Monitor and check transducers and flow meters-Check and maintain Cl2 and citric acid injection pumps and maintain chemical levels-Clear sewage stoppages as required-Monitor email alerts from SCADA and respond as required-Create reports f

List other job experience which you feel will pertain to your certification qualifications.

Dates	Employer Name/Location	Specific Job Duties Related to Exam Applied For
7/8/2010 to presen	Paradise Ranch, Castaic, CA 91384	Grade 3 Water Treatment Operator/ Reverse Osmosis

I hereby certify that this application contains no willful misrepresentations or falsifications and that the information given is true and complete.

Signature _____ Date 7/30/2021

Oper# 13073	
Cert Date	
Reciprocity Approved Yes ☐ No ☐	
Cash	Check PD-2206
DENR Use Only	

$60

05/2010

State of California

State Water Resources Control Board

Certificate of Competence

This is to certify that pursuant to the provisions of Chapter 9, Division 7 of the California Water Code

Robert B. Cole

has fulfilled the requirements for certification as a

Grade III

Wastewater Treatment Plant Operator

Certificate Number **41188**

Issued this January 13, 2021

E. Joaquin Esquivel
Chair

Original Issue Date: 03/20/2018

Expiration Date: 03/20/2024

This certificate is the property of the State of California and in the event of its suspension, revocation or invalidation for any reason, it must be returned to the State Water Resources Control Board upon demand.

PARADISE RANCH ESTATES MHP
36200 Paradise Ranch Road
Castaic, CA 91384
661-257-2728 Phone
661-257-3137 Fax

February 15, 2018

Cornell Gillenwater
2415 S. Westboro Avenue
Alhambra, CA 91803

Dear Mr. Gillenwater,

Robert Cole's duties regarding MBR wastewater treatment are as follows:

- Visually inspect Plant each morning
- Check operation of grinder and clear any debris, check operation of lift station pumps (2)
- Check operation of influent screen and clear as necessary, empty grinding daily
- Monitor anoxic mixing liquid level probe
- Check and monitor aeration chamber for proper levels of MLSS
- Check and calibrate DO probes, MLSS and liquid level probes
- Monitor membrane performance and perform cleaning as necessary
- Monitor and clean/replace blower filters
- Lubricate all motors at Plant
- Maintain sludge holding tank and remove excess waste offsite
- Monitor and check transducers and flow meters
- Check and maintain Cl2 and citric acid injection pumps, and maintain chemical levels
- Clear sewage stoppages as required
- Monitor email alerts from WWTP and respond as required

- Compile and create monthly and annual reports for SWRCB and upload to Geotracker

- Sample effluent daily, weekly and monthly for reporting

This may not constitute a complete list, as sometimes things come up that are unforeseeable, or weather related, or should an electrical problem arise.

Respectfully submitted,

Robert Cole
Resident Manager
WWTP Operator

OPERATOR CERTIFICATION REQUIREMENTS TABLE

PATH	EDUCATION		QUALIFYING EXPERIENCE
GRADE I			
1	High school diploma or equivalent and 6 educational points	and	1 year of full-time qualifying experience
GRADE II			
1	High school diploma or equivalent and 9 educational points	and	18 months of full-time qualifying experience as a Grade I operator
2	High school diploma or equivalent and 12 educational points	and	2 years of full-time qualifying experience
3	Associate's degree, a higher degree, or a minimum of 60 college semester units, including a minimum of 15 semester units of science courses	and	1 year of full-time qualifying experience
GRADE III			
1	High school diploma or equivalent and 12 educational points	and	3 years of full-time qualifying experience as a Grade II operator
2	High school diploma or equivalent and 18 educational points	and	4 years of full-time qualifying experience
3	Associate's degree or a minimum of 60 college semester units, including a minimum of 15 semester units of science courses	and	2 years of full-time qualifying experience
4	Bachelor's degree or a higher degree, including a minimum of 30 semester units of science courses	and	1 year of full-time qualifying experience

August 24, 2021

LAURIE SHARP
IA OPERATOR CERTIFICATION

The following water/wastewater operator has applied to South Dakota to receive an Operator Certificate thru reciprocity. South Dakota will grant certificates by reciprocity to operators coming from states where their certification program is of a standard not lower than ours and will extend reciprocal privileges to our operators.

Please answer the following questions concerning your operator certification program so that the South Dakota Board of Operator Certification may make a decision at their next Board meeting (September 14, 2021) as to whether certification should be granted.

Name Mark Allen Ward Operator #-5696

Address 7006 Lakeshore Drive, Okoboji IA 51355

License Held IA Wastewater Treatment Grade 4 IA Water Treatment Grade 4 IA Water Dist Grade 4

What is the education requirement (HS graduation, years of post-secondary, etc.) for this license(s)?

WW4 requires 4 years experience, 4 years of post high school training, and two years of direct responsible charge in a Grade 3 plant or higher, as well as a score of 70% or higher on an exam.

Class IV
WW | WT | WD

What is the work experience requirement for this license(s)?
See above answer

Was a written exam taken to gain this license(s)? yes

What type of questions is on the exam? various questions
(see http://www.abccert.org/testing_services/default.asp)

What is the minimum score to pass the exam? 70%

Is your certification program mandatory? yes

Is this license(s) valid at this time? yes

Will your program grant reciprocity to all South Dakota water and wastewater operators if minimum requirements are met? Note-South Dakota will grant reciprocity on a case-by-case basis. We compare the education/work experience requirements for your certificate with the requirements for our SD certificates. We do NOT review the education/experience of the operator himself. It is also required that your state will grant reciprocity to our operators coming to your state.

Reciprocity granted on case by case basis

Comments

Name and title of person completing this form-
Elizabeth Feilmeier Administrative Assistant 2

Please check which certificates your agency issues-

x Water Treatment x Water Distribution

x Wastewater Treatment ___ Wastewater Collection

South Dakota's Operator Certification Law can be found at-
http://legis.sd.gov/statutes/DisplayStatute.aspx?Type=Statute&Statute=34A-3

Our regulations are contained within- http://legis.sd.gov/rules/DisplayRule.aspx?Rule=74:21:02

Feel free to write your answers on this sheet, and please include a copy of your regulations concerning Operator Certification. **Please email or fax your reply if possible.** If there are any questions on this matter, feel free to contact me in Pierre. Thank you for your help.

Sincerely,

Rob Kittay

Rob Kittay-Secretary
Board of Operator Certification
523 E Capitol
Pierre SD 57501
Phone: 605-773-4208
Fax: 605-773-5286

Water Treatment, Water Distribution, and Wastewater Treatment Exam Eligibility Requirements

An applicant must meet minimum education and experience requirements to be eligible to take an exam. Per IAC Chapter 81.7(1) http://www.legis.state.ia.us/aspx/ACODocs/DOCS/9-7-2011.567.81.pdf certain types of education or work experience are required and some substitutions may be used to meet these requirements.
*This document lists the general requirements; please contact Jane Enfield at 515/725-0463 or jane.enfield@dnr.iowa.gov with questions on substitutions or general eligibility requirements.

Grade A

- High School Diploma or GED.
- Complete an IDNR Grade A Initial Certification workshop. See calendar for scheduled courses. http://programs.iowadnr.gov/opcertweb/

Grade 1

- High School Diploma or GED.
- Complete one year (12 months) operational experience in the area applying: water treatment, water distribution, wastewater

Or

Complete a minimum of six months operational experience in the area applying and earn 30 hours of Post High School Training (3 CEUs) http://programs.iowadnr.gov/opcertweb/

Grade 2

- High School Diploma or GED.
- Complete three years (36 months) of operational experience in the area applying: water treatment, water distribution or wastewater

Or

- Complete at least 18 months operational experience (which is half of the 36 months) in the area applying and earn 67.5 CEUs. (18 months of CEUs at rate of 3.75 CEUs per month)

Grade 3

- High School Diploma or GED.
- Complete four years of operational experience in the area applying: water treatment, water distribution or wastewater (Grade 1 or higher plant)
- Complete at least two years of Post High School Training which could be an Associate's Degree (AA) or higher, 90 CEUs; or a combination thereof.

Grade 4

- High School Diploma or GED.
- Complete four years of operational experience in the area applying: water treatment, water distribution or wastewater (Grade 1 or higher plant)
- Complete at least four years of Post High School Training which could be a Bachelor's degree or higher; a combination of an AA degree and 90 CEUs; or 180 CEUs
- Complete two years of direct responsible charge (DRC) in a Grade 3 or higher plant.

PAID
AUG 16 2021
Ck# 14164

SOUTH DAKOTA DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES

APPLICATION FOR OPERATOR CERTIFICATION THRU RECIPROCITY

INSTRUCTIONS TO APPLICANTS:

Application must be received by the Secretary at least FOUR WEEKS BEFORE THE NEXT MEETING OF THE BOARD OF OPERATOR CERTIFICATION. One certificate per application. Fax application to 605-773-5286, email application, or mail application to:

Rob Kittay-Secretary
Board of Operator Certification
523 East Capitol-Foss Building
Pierre, SD 57501-3181
Email: rob.kittay@state.sd.us

Applications for certification thru reciprocity are reviewed on a case-by-case basis by the Board of Operator Certification. Requirements for the certificate presently held in your state are compared to the requirements for certificates in South Dakota. Please note that you may not be awarded any certificate if the requirements to obtain your current certificate are lower than the standards in South Dakota. A copy of the certificate presently held should be included with the application. **Each application must be accompanied by a fee of $60.00.** Checks should be made out to "DANR". If you fax or email application, please submit fee through the mail. Watertown

GENERAL INFORMATION (Print legibly and fill out completely):

1. Name Ward (Last) Mark (First) Allen (Middle)
2. Home Mailing Address 7006 Lakeshore Drive
   Okoboji, Iowa 51355
3. Phone 712-330-2292 Fax
4. Email Address wardowwoperator@gmail.com
5. Certificate Now Held Iowa Grade IV Water Treatment Operator From Which State Iowa
6. Was an exam passed to acquire this certificate? Check one. Yes ☒ No ☐
7. Was this certificate obtained thru reciprocity? Check one. Yes ☐ No ☒
8. Is this certificate valid with all fees up-to-date? Check one. Yes ☒ No ☐
9. Have you ever been certified in South Dakota before? Check one. Yes ☐ No ☒

laurie.sharp@dnr.iowa.gov

EDUCATION AND TRAINING

Are you a high school graduate? Check one. Yes ☒ No ☐ GED ☐ If no, year completed _____

College/Vo-tech Name	Dates Attended	Major	Date Graduated
St. Cloud Technical College	1987 - 1988	Water/Wastewater Treatment Technology	11/23/1988
Iowa Lakes Community College	1998-2000	General Math & Chemistry	NA

List other educational courses completed such as correspondence school, operators' short courses, etc. Give date, name, and location of such courses.

many correspondence courses through Kirkwood Community College/California State University.

~~Too many Training courses to list for CEU's of 10hrs minimum per year~~

since 1989

WATER/WASTEWATER OPERATION EXPERIENCE

Present Position Title Plant Superintendent Date Employed 1/2010 - present

Supervisor Name and Title Steve Anderson, District Superintendent

Describe in detail your daily duties. (Be Specific!) Plan and Direct the operation and Maintenance of the Wastewater Treatment Facilities to ensure efficient achievement of treatment objectives, compliance with governmental requirements and oversee the protection of the facility investments. Plan, schedule, and supervise the work of maintaining and operating the Wastewater Facility

List other job experience which you feel will pertain to your certification qualifications.

Dates	Employer Name/Location	Specific Job Duties
March 2007 - Jan 2010	Iowa Lakes Regional Water Spencer, Iowa	operation of Lime softening Plant and Distribution System. operator by Affidavit for water and wastewater for several communities
June 1998 - Feb 2007	Spencer Municipal Utilities Spencer, Iowa	Maintained and operated the water System and all related operations while ensuring water supply and quality. Supervised water operators and assigned jobs and crews
Feb 1989 - March 1998	Minnesota Valley Testing Laboratories New Ulm, Minnesota	Supervised and performed several different Environmental Studies in MN, ND, SD, IA, WI

I hereby certify that this application contains no willful misrepresentations or falsifications and that the information given is true and complete.

Signature [signature] Date 8/13/2021

Oper#	
Cert Date	
Reciprocity Approved	Yes ☐ No ☐
Certificate Awarded	
Cash	Check PD-14164
DENR Use Only	$60

STATE OF IOWA
PUBLIC WATER SYSTEM CERTIFICATE

MARK WARD

is qualified in accordance with State law as an operator of:

Grade IV Water Distribution System
Grade IV Water Treatment Plant

OPERATOR ID 5696

GIVEN UNDER THE HANDS OF THE IOWA DEPARTMENT OF NATURAL RESOURCES ON July 1, 2003

FOR THE DIRECTOR:

DNR

MARK WARD
OPERATOR ID # 5696

Drinking Water - Treatment - Grade 4

Drinking Water - Distribution - Grade 4

Expiration Date: June 30, 2023

ATTACH THIS RENEWAL LABEL TO YOUR EXISTING CERTIFICATE

THIS CERTIFICATE REMAINS THE PROPERTY OF THE DEPARTMENT OF NATURAL RESOURCES

© GOES 746

LITHO IN U.S.A.

Mark A. Ward
7006 Lakeshore Drive
Okoboji, IA 51355
Cell #: (712) 330-2292

Education: St. Cloud Technical College
St. Cloud, MN

Water and Wastewater Treatment Technology
I obtained skills needed for proper operation and maintenance of a treatment facility and collection system. I was introduced to record keeping, laboratory testing and repair and/or cleaning of pumps and meters.

Iowa Lakes Community College
Spirit Lake, IA

General Math and Chemistry Courses

Training: Hazardous Waste Refresher courses (8 hour)
Health and Safety at Hazardous Waste Sites (40 hour)
Dangers of Confined Space Entry Training Courses
CPR/First Aid
Biosolids and Land Application Training

Licenses: Iowa Grade 4 Water Treatment Plant Operator
Iowa Grade 4 Water Distribution System Operator
Iowa Grade 4 Wastewater Operator
Grade 4 IaWEA Voluntary Collection System License
Iowa Class A CDL with Tanker and Air Brake Endorsement

Experience: Iowa Great Lakes Sanitary District
Milford, IA

Plant Superintendent June 2015-Present
Plan and direct the operation and maintenance of the Wastewater Treatment Facilities to ensure efficient achievement of treatment objectives, compliance with governmental requirements, and oversee the protection of the facilities investments.

- Plan, schedule, and supervise the work of maintaining and operating the wastewater facility.
- Investigate complaints or problems and take necessary remedial action.
- Determine the need for purchasing new equipment and replacing worn equipment and make recommendations to District Superintendent.
- Assist in preparation of the annual budget.
- Conduct staff evaluations, interviews, hiring, disciplinary actions, and training.
- Obtain and maintain the required State Laboratory Certification; perform lab tests and maintain laboratory facilities and equipment.
- Compile and submit state required reports.

Plant Operator — Jan 2010-June 2015

Managed the operation of the Wastewater Treatment Facility to achieve treatment objectives as efficiently as possible within established guidelines and perform related maintenance, housekeeping, and reporting duties.

- Operate and maintain plant equipment: pumps, valves, chemical feeds, biosolids thickeners, etc.
- Maintain required logs and plant records.
- Adjust operations as required to maintain optimum process control and results.
- Monitor process variables: various readings and control panels and respond to problem indicators.
- ~~Efficiently perform laboratory procedures and sample collection.~~
- Perform standby duties and handle emergency calls on an on-call basis.
- Training new personnel for plant operation and license upgrades.

Iowa Lakes Regional Water
Spencer, IA

Operator/Contract Services/Project Coordinator — March 2007-Jan 2010

- Operation of a Lime Softening Plant and Distribution system.
- Operator-By-affidavit for Water and Wastewater services for several communities.
- Operator-in-Charge and Operation of three Grade 2 Wastewater Facilities, Four Lagoon Systems and One Grade 2 Aerated Lagoon system.

Spencer Municipal Utilities
Spencer, IA 51301

Water Operator — June 1998-Jan 2000
Water Supervisor — Jan 2000-July 2006
Water Plant Superintendent — July 2006-Feb 2007

- Maintained and operated the water system and all related operations while ensuring water supply quality and quantity.
- Addressed external customer issues.
- Supervised water operators, and assign jobs and job crews as necessary for efficient and reliable operations of the water system.

Minnesota Valley Testing laboratories, Inc.
New Ulm, MN

Environmental Services Representative — Feb 1989-March 1998

- Supervised and performed several different environmental studies in Minnesota, North Dakota, South Dakota, Iowa, and Wisconsin.
- Set up project studies to comply with governing agencies.
- Developed standard operating procedures and methods.

References: Available upon request

PAID
AUG 16 2021
Ck# 14165

SOUTH DAKOTA DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES

APPLICATION FOR OPERATOR CERTIFICATION THRU RECIPROCITY

INSTRUCTIONS TO APPLICANTS:

Application must be received by the Secretary at least FOUR WEEKS BEFORE THE NEXT MEETING OF THE BOARD OF OPERATOR CERTIFICATION. One certificate per application. Fax application to 605-773-5286, email application, or mail application to:

Rob Kittay-Secretary
Board of Operator Certification
523 East Capitol-Foss Building
Pierre, SD 57501-3181
Email: rob.kittay@state.sd.us

Applications for certification thru reciprocity are reviewed on a case-by-case basis by the Board of Operator Certification. Requirements for the certificate presently held in your state are compared to the requirements for certificates in South Dakota. Please note that you may not be awarded any certificate if the requirements to obtain your current certificate are lower than the standards in South Dakota. A copy of the certificate presently held should be included with the application. **Each application must be accompanied by a fee of $60.00.** Checks should be made out to "DANR". If you fax or email application, please submit fee through the mail.

GENERAL INFORMATION (Print legibly and fill out completely):

1. Name Ward (Last) Mark (First) Allen (Middle)
2. Home Mailing Address 7006 Lakeshore Drive
   Okoboji, Iowa 51355
3. Phone 712-330-2292 Fax
4. Email Address wardowwoperator@gmail.com
5. Certificate Now Held Iowa Grade IV Water Distribution From Which State Iowa
6. Was an exam passed to acquire this certificate? Check one. Yes ☒ No ☐
7. Was this certificate obtained thru reciprocity? Check one. Yes ☐ No ☒
8. Is this certificate valid with all fees up-to-date? Check one. Yes ☒ No ☐
9. Have you ever been certified in South Dakota before? Check one. Yes ☐ No ☒

EDUCATION AND TRAINING

Are you a high school graduate? Check one. Yes ☒ No ☐ GED ☐ If no, year completed _____

College/Vo-tech Name	Dates Attended	Major	Date Graduated
St. Cloud Technical College	1987-1988	Water/Wastewater Treatment Technology	11/23/1988

List other educational courses completed such as correspondence school, operators' short courses, etc. Give date, name, and location of such courses.
Several College courses at Iowa Lakes Community College for General Math and Chemistry. Many ~~Correspondence Course through Kirkwood Community College, Kalifornia State University.~~ Too many to list Courses for CEU's of 10hrs minimum per year since 1989.

WATER/WASTEWATER OPERATION EXPERIENCE

Present Position Title Plant Superintendent Date Employed 1/2010 - current

Supervisor Name and Title Steve Anderson, District Superintendent

Describe in detail your daily duties. (Be Specific!) Plan and direct the operation and maintenance of the Wastewater Treatment Facilities to ensure efficient achievement of treatment objectives, compliance with governmental requirements and oversee the protection of the facilities investments. Plan, schedule, and supervise the work of maintaining and operating the wastewater facility.

List other job experience which you feel will pertain to your certification qualifications.

Dates	Employer Name/Location	Specific Job Duties
March 2007 - Jan 2010	Iowa Lakes Regional Water Spencer Iowa	Operation of Lime Softening Plant and Distribution system. Operator By Affidavit for Water/Wastewater for several communitie
June 1998 - Feb 2007	Spencer Municipal Utilities Spencer, Iowa	Maintained and operated the Water System and all related operations while ensuring Water Supply and Quality. Supervised Water Operators and assigned jobs and crews.
Feb 1989 - March 1998	Minnesota Valley Testing Laboratories New Ulm, Minnesota	Supervised and performed several different environmental studies in MN, ND, SD, IA, WI.

I hereby certify that this application contains no willful misrepresentations or falsifications and that the information given is true and complete.

Signature Mal Ward Date 8/13/2021

Oper#	
Cert Date	
Reciprocity Approved	Yes ☐ No ☐
Certificate Awarded	
Cash	Check PD-14165
DENR Use Only	$60

STATE OF IOWA
PUBLIC WATER SYSTEM CERTIFICATE

MARK WARD

is qualified in accordance with State law as an operator of:

Grade IV Water Distribution System
Grade IV Water Treatment Plant

OPERATOR ID 5696

GIVEN UNDER THE HANDS OF THE IOWA DEPARTMENT OF NATURAL RESOURCES ON July 1, 2003

FOR THE DIRECTOR:

DNR

MARK WARD
OPERATOR ID # 5696

Drinking Water - Treatment - Grade 4

Drinking Water - Distribution - Grade 4

Expiration Date: June 30, 2023

ATTACH THIS RENEWAL LABEL TO YOUR EXISTING CERTIFICATE

THIS CERTIFICATE REMAINS THE PROPERTY OF THE DEPARTMENT OF NATURAL RESOURCES

© GOES 746

LITHO IN U.S.A.

Mark A. Ward
7006 Lakeshore Drive
Okoboji, IA 51355
Cell #: (712) 330-2292

Education: St. Cloud Technical College
St. Cloud, MN

Water and Wastewater Treatment Technology
I obtained skills needed for proper operation and maintenance of a treatment facility and collection system. I was introduced to record keeping, laboratory testing and repair and/or cleaning of pumps and meters.

Iowa Lakes Community College
Spirit Lake, IA

General Math and Chemistry Courses

Training: Hazardous Waste Refresher courses (8 hour)
Health and Safety at Hazardous Waste Sites (40 hour)
Dangers of Confined Space Entry Training Courses
CPR/First Aid
Biosolids and Land Application Training

Licenses: Iowa Grade 4 Water Treatment Plant Operator
Iowa Grade 4 Water Distribution System Operator
Iowa Grade 4 Wastewater Operator
Grade 4 IaWEA Voluntary Collection System License
Iowa Class A CDL with Tanker and Air Brake Endorsement

Experience: Iowa Great Lakes Sanitary District
Milford, IA

Plant Superintendent June 2015-Present
Plan and direct the operation and maintenance of the Wastewater Treatment Facilities to ensure efficient achievement of treatment objectives, compliance with governmental requirements, and oversee the protection of the facilities investments.

- Plan, schedule, and supervise the work of maintaining and operating the wastewater facility.
- Investigate complaints or problems and take necessary remedial action.
- Determine the need for purchasing new equipment and replacing worn equipment and make recommendations to District Superintendent.
- Assist in preparation of the annual budget.
- Conduct staff evaluations, interviews, hiring, disciplinary actions, and training.
- Obtain and maintain the required State Laboratory Certification; perform lab tests and maintain laboratory facilities and equipment.
- Compile and submit state required reports.

Plant Operator Jan 2010-June 2015

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- Operate and maintain plant equipment: pumps, valves, chemical feeds, biosolids thickeners, etc.
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- Monitor process variables: various readings and control panels and respond to problem indicators.
- ~~Efficiently perform laboratory procedures and sample collection.~~
- Perform standby duties and handle emergency calls on an on-call basis.
- Training new personnel for plant operation and license upgrades.

Iowa Lakes Regional Water
Spencer, IA

Operator/Contract Services/Project Coordinator March 2007-Jan 2010

- Operation of a Lime Softening Plant and Distribution system.
- Operator-By-affidavit for Water and Wastewater services for several communities.
- Operator-in-Charge and Operation of three Grade 2 Wastewater Facilities, Four Lagoon Systems and One Grade 2 Aerated Lagoon system.

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Spencer, IA 51301

Water Operator June 1998-Jan 2000
Water Supervisor Jan 2000-July 2006
Water Plant Superintendent July 2006-Feb 2007

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- Addressed external customer issues.
- Supervised water operators, and assign jobs and job crews as necessary for efficient and reliable operations of the water system.

Minnesota Valley Testing laboratories, Inc.
New Ulm, MN

Environmental Services Representative Feb 1989-March 1998

- Supervised and performed several different environmental studies in Minnesota, North Dakota, South Dakota, Iowa, and Wisconsin.
- Set up project studies to comply with governing agencies.
- Developed standard operating procedures and methods.

References: Available upon request

PAID
AUG 16 2021
Ck# 14166

SOUTH DAKOTA DEPARTMENT OF AGRICULTURE AND NATURAL RESOURCES

APPLICATION FOR OPERATOR CERTIFICATION THRU RECIPROCITY

INSTRUCTIONS TO APPLICANTS:

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Board of Operator Certification
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   Okoboji, IA 51355
3. Phone 712-330-2292 Fax
4. Email Address wardowwoperator@gmail.com
5. Certificate Now Held Grade IV Wastewater Treatment From Which State Iowa
6. Was an exam passed to acquire this certificate? Check one. Yes ☒ No ☐
7. Was this certificate obtained thru reciprocity? Check one. Yes ☐ No ☒
8. Is this certificate valid with all fees up-to-date? Check one. Yes ☒ No ☐
9. Have you ever been certified in South Dakota before? Check one. Yes ☐ No ☒

EDUCATION AND TRAINING

Are you a high school graduate? Check one. Yes ☒ No ☐ GED ☐ If no, year completed _____

College/Vo-tech Name	Dates Attended	Major	Date Graduated
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List other educational courses completed such as correspondence school, operators' short courses, etc. Give date, name, and location of such courses.

Many correspondence courses through Kirkwood Community College/California State University. Too many training courses to list for CEU's of 10hrs minimum per year since 1989

WATER/WASTEWATER OPERATION EXPERIENCE

Present Position Title Plant Superintendent Date Employed 1/2010 - present

Supervisor Name and Title Steve Anderson, District Superintendent

Describe in detail your daily duties. (Be Specific!) Plan and direct the operation and Maintnace of the Wastewater Treatment Facilities to Ensure efficient achievement of treatment objectives, compliance with governmental requirements and oversee the protection of the facility investments. Plan, schedule, and supervise the work of maintaining and operating the Wastewater Facility

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I hereby certify that this application contains no willful misrepresentations or falsifications and that the information given is true and complete.

Signature _____ Date 8/13/2021

Oper#	
Cert Date	
Reciprocity Approved	Yes ☐ No ☐
Certificate Awarded	
Cash	Check PD-14166
DENR Use Only	$60

STATE OF IOWA

WASTE WATER SYSTEM CERTIFICATE

MARK WARD

in accordance with State Law is qualified as an operator in:

Treatment Grade 4

Operator ID 5696

Given under the hands of the Iowa Department of Natural Resources on February 28, 2012

FOR THE DIRECTOR:

Lavia L Sharp

DNR

MARK WARD

OPERATOR ID # 5696

Waste Water - Treatment - Grade 4

Expiration Date : June 30, 2023

ATTACH THIS RENEWAL LABEL TO YOUR EXISTING CERTIFICATE

THIS CERTIFICATE REMAINS THE PROPERTY OF THE DEPARTMENT OF NATURAL RESOURCES

© GOES 746

LITHO IN U.S.A.

Mark A. Ward
7006 Lakeshore Drive
Okoboji, IA 51355
Cell #: (712) 330-2292

Education: St. Cloud Technical College
St. Cloud, MN

Water and Wastewater Treatment Technology
I obtained skills needed for proper operation and maintenance of a treatment facility and collection system. I was introduced to record keeping, laboratory testing and repair and/or cleaning of pumps and meters.

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Spirit Lake, IA

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Biosolids and Land Application Training

Licenses: Iowa Grade 4 Water Treatment Plant Operator
Iowa Grade 4 Water Distribution System Operator
Iowa Grade 4 Wastewater Operator
Grade 4 IaWEA Voluntary Collection System License
Iowa Class A CDL with Tanker and Air Brake Endorsement

Experience: Iowa Great Lakes Sanitary District
Milford, IA

Plant Superintendent — June 2015-Present
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- Plan, schedule, and supervise the work of maintaining and operating the wastewater facility.
- Investigate complaints or problems and take necessary remedial action.
- Determine the need for purchasing new equipment and replacing worn equipment and make recommendations to District Superintendent.
- Assist in preparation of the annual budget.
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Plant Operator — Jan 2010-June 2015

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- Adjust operations as required to maintain optimum process control and results.
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- Efficiently perform laboratory procedures and sample collection.
- Perform standby duties and handle emergency calls on an on-call basis.
- Training new personnel for plant operation and license upgrades.

Iowa Lakes Regional Water
Spencer, IA

Operator/Contract Services/Project Coordinator — March 2007-Jan 2010

- Operation of a Lime Softening Plant and Distribution system.
- Operator-By-affidavit for Water and Wastewater services for several communities.
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Spencer Municipal Utilities
Spencer, IA 51301

Water Operator — June 1998-Jan 2000
Water Supervisor — Jan 2000-July 2006
Water Plant Superintendent — July 2006-Feb 2007

- Maintained and operated the water system and all related operations while ensuring water supply quality and quantity.
- Addressed external customer issues.
- Supervised water operators, and assign jobs and job crews as necessary for efficient and reliable operations of the water system.

Minnesota Valley Testing laboratories, Inc.
New Ulm, MN

Environmental Services Representative — Feb 1989-March 1998

- Supervised and performed several different environmental studies in Minnesota, North Dakota, South Dakota, Iowa, and Wisconsin.
- Set up project studies to comply with governing agencies.
- Developed standard operating procedures and methods.

References: Available upon request

Board of Operator Certification

I am writing this letter to explain the reasoning for my request to the State of South Dakota for reciprocity.

Starting August 23, 2021, I will be starting a position for the Watertown Municipal Utilities. My position will be the Water Plant Foreman at Watertown Municipal Utilities.

I currently hold all three licenses in Water and Wastewater in the State of Iowa and am requesting to a least be able to keep the Certificates, including the wastewater license that I will not be currently using at this time.

Thank you for your considerations

Mark Ward

Mark Ward

August 30, 2021

mdoss@columbiacountyga.gov
aparules@sos.ga.gov
GA OPERATOR CERTIFICATION

The following water/wastewater operator has applied to South Dakota to receive an Operator Certificate thru reciprocity. South Dakota will grant certificates by reciprocity to operators coming from states where their certification program is of a standard not lower than ours and will extend reciprocal privileges to our operators.

Please answer the following questions concerning your operator certification program so that the South Dakota Board of Operator Certification may make a decision at their next Board meeting (September 14, 2021) as to whether certification should be granted.

Name Christopher Samuel Jones

Address 22100 Sunnyside Ln, Panama City Beach FL 32413

License Held GA Wastewater Operator Class 2-#WW2-014180 (Lapsed) WW1-014206 (active)

Class II WW

What is the education requirement (HS graduation, years of post-secondary, etc.) for this license(s)?

HS diploma/GED; 48 hours of advanced WW training for the Class II

What is the work experience requirement for this license(s)?

~~24 Months with HS diploma; 18 months with A.S. degree; 12 months with a BS degree for Class II~~
36 Months with HS diploma; 30 months with A.S. degree; 24 months with a BS degree for Class I

Was a written exam taken to gain this license(s)? Yes

What type of questions is on the exam? Multiple choice ABC exam

What is the minimum score to pass the exam? 70%

Is your certification program mandatory? Yes

Is this license(s) valid at this time? Class II – No; Class I – Yes

Will your program grant reciprocity to all South Dakota water and wastewater operators if minimum requirements are met? Note-South Dakota will grant reciprocity on a case-by-case basis. We compare the education/work experience requirements for your certificate with the requirements for our SD certificates. We do NOT review the education/experience of the operator himself. It is also required that your state will grant reciprocity to our operators coming to your state.

Yes, Georgia grants licenses by Endorsement if Criteria are memt.

Comments

Name and title of person completing this form-

Margaret Doss, Board Chair

Please check which certificates your agency issues-

X Water Treatment X Wastewater Collection

South Dakota's Operator Certification Law can be found at-https://sdlegislature.gov/Statutes/Codified_Laws/2058273

Our regulations are contained within- https://sdlegislature.gov/Rules/Administrative/27258

Feel free to write your answers on this sheet, and please include a copy of your regulations concerning Operator Certification. **Please email or fax your reply if possible.** If there are any questions on this matter, feel free to contact me in Pierre. Thank you for your help.

Sincerely,

Rob Kittay-Secretary
Board of Operator Certification
523 E Capitol
Pierre SD 57501
Phone: 605-773-4208
Fax: 605-773-5286
E-mail: rob.kittay@state.sd.us
Web Site: https://danr.sd.gov/OfficeOfWater/DrinkingWater/OperatorCertification/default.aspx

SOUTH DAKOTA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

APPLICATION FOR OPERATOR CERTIFICATION THRU RECIPROCITY

INSTRUCTIONS TO APPLICANTS:

Application must be received by the Secretary at least FOUR WEEKS BEFORE THE NEXT MEETING OF THE BOARD OF OPERATOR CERTIFICATION. One certificate per application. Fax application to 605-773-5286 or mail application to:

Rob Kittay-Secretary
Board of Operator Certification
523 East Capitol-Foss Building
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GENERAL INFORMATION (Print legibly and fill out completely):

1. Name Jones Christopher Samuel
   Last First Middle

2. Home Mailing Address 22100 Sunnyside Ln. Panama City Beach Florida 32413

3. Phone 229-938-0941 Fax 502-897-8738

4. Email Address chris.jones@hydrosolutions.com

South Dakota Certificate Desired
(Check only one)

- ☐ Water Treatment
- ☐ Water Distribution
- ☒ Wastewater Treatment
- ☐ Wastewater Collection
- ☐ Small Water Treatment
- ☐ Small WW System/ Stabilization Pond

Certificate Level
(Check only one)

- ☒ I
- ☐ II
- ☐ III
- ☐ IV

mdoss@columbiacountyga.gov
aparvles@sos.ga.gov

5. Certificate Now Held WW1-014206 From Which State Georgia

6. Was an exam passed to acquire this certificate? Check one. Yes ☒ No ☐

7. Is this certificate valid with all fees up-to-date? Check one. Yes ☒ No ☐

EDUCATION AND TRAINING

Are you a high school graduate? Check one. Yes ☒ No ☐ GED ☐ If no, year completed _____

College/Vo-tech Name	Dates Attended	Major	Date Graduated
Bainbridge College	September 1992 to May 1994	Business Management	Transfered
Valdosta State University	September 1994 to May 1996	Business Management	

List other educational courses completed such as correspondence school, operators' short courses, etc. Give date, name, and location of such courses.

Basic Wastewater Operator 40 hours Georgia Water& Wastewater Institute(GWWI) 1996
Advanced Wastewater Operator GWWI 1998
Lab Operator GWWI 1999
Basic Water Treatment GWWI 1997
Industrial Wastewater Treatment 2006

WATER/WASTEWATER OPERATION EXPERIENCE

Present Position Title Environmental Operations&Consulting Date Employed 10/2020

Supervisor Name and Title David Davis/ Owner

Describe in detail your daily duties as related to the exam for which you are applying (Be Specific!)

Operate and Manage numerous Wastewater Treatment Plants

List other job experience which you feel will pertain to your certification qualifications.

Dates	Employer Name/Location	Specific Job Duties Related to Exam Applied For
2003 to 2006	Tyson Foods, Inc Buena Vista GA	Wastewater Supervisor
2006 to 2018	American Proteins, Inc Cuthbert GA	Environmental Manager
2018 to 2020	Tyson Foods, Inc Cuthbert GA	Complex Environmental Manager

I hereby certify that this application contains no willful misrepresentations or falsifications and that the information given is true and complete.

Signature _____ Date 8/101/2021

Oper# 13077	
Cert Date	
Reciprocity Approved	Yes ☐ No ☐
Cash	Check PD-396 → $10
DENR Use Only	

05/2010

PROFESSIONAL LICENSING

GEORGIA SECRETARY OF STATE BRAD RAFFENSPERGER

CORPORATIONS • ELECTIONS • LICENSING • CHARITIES

Licensee Details

Licensee Information

Name: Christopher Samuel Jones

Address:

Panama City Beach FL 32413

Primary Source License Information

Lic #:	WW1-014206	**Profession:**	Water/Wastewater Board	**Type:**	Wastewater Operator Class 1
Secondary:		**Method:**	Examination	**Status:**	Active
Issued:	5/8/2000	**Expires:**	6/30/2023	**Last Renewal Date:**	6/9/2021

Associated Licenses

Relationship: Self Automatic

Licensee:	Jones, Christopher Samuel	**License Type:**	Wastewater Operator Class 2
License #:	WW2-014180	**License Status:**	Lapsed
Established:	5/8/2000	**Association Date:**	
Type:	Prerequisite User		

E

Public Board Orders

Please see Documents section below for any Public Board Orders

Other Documents

No Other Documents

Data current as of: August 10, 2021 17:28:24

This website is to be used as a primary source verification for licenses issued by the Professional Licensing Boards. Paper verific are available for a fee. Please contact the Professional Licensing Boards at 844-753-7825.

Ga. Comp. R. & Regs. r. 750-3-.04 Requirements

Georgia Administrative Code
Department 750. RULES OF STATE BOARD OF EXAMINERS FOR CERTIFICATION OF WATER AND WASTEWATER TREATMENT PLANT OPERATORS AND LABORATORY ANALYSTS
Chapter 750-3. CLASSIFICATIONS AND REQUIREMENTS

Current through Rules and Regulations filed through August 26, 2021

Rule 750-3-.04. Requirements

For certification in a particular class or category, an applicant must meet the following:

(a) **Education.** Applicants must have earned a minimum of a high school diploma or GED certificate and must provide proof of education when submitting the application for certification to the Board.

(b) **Course(s).** Applicants must have completed Board-approved course(s) prior to taking the examination and must provide proof of such when submitting their application for certification to the Board, unless otherwise noted in this rule. The Board may evaluate, on a case-by-case basis, post-secondary education to determine satisfaction of the course requirements. The course requirements are as follows:

1. Public Water Supply System Operator

   Class IV - 6-hour basic water operator course

   Class III - 40-hour basic water operator course

   Class II - 48 hours of advanced water operator courses

   Class I - No additional courses

2. Biological Wastewater Treatment System Operator

   Class IV - 6-hour basic waste stabilization pond operator course

   Class III - 40-hour basic wastewater operator course

   Class II - 48 hours of advanced wastewater operator courses

   Class I - No additional courses

3. Industrial Wastewater Treatment System Operator - 27-hour industrial wastewater operator course

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4. Water Laboratory Analyst - 27-hour basic water laboratory course or, a minimum of an Associate Degree in Biology or Chemistry, or, at the Board's discretion, other degrees containing sufficient courses in biology or chemistry

5. Wastewater Laboratory Analyst - 27-hour basic wastewater laboratory course or, a minimum of an Associate Degree in Biology or Chemistry, or, at the Board's discretion, other degrees containing sufficient courses in biology or chemistry.

6. Water Distribution System Operator - 27-hour water distribution course

7. Wastewater Collection System Operator - 27-hour wastewater collection course

(c) **Experience.** Required experience for certification is dependent upon the applicant's education, as follows:

1. Public Water Supply System Operator or Biological Wastewater Treatment System Operator

   (i) High School Diploma, GED

   Class IV - 1 month of experience; Class III - 3 months of experience;

   Class II - 24 months of experience; Class I - 36 months of experience

   (ii) Accredited Associate Degree in Biology, Chemistry, or, at the Board's discretion, other degrees containing sufficient courses in biology or chemistry

   Class IV - 1 month of experience; Class III - 3 months of experience;

   Class II - 18 months of experience; Class I - 30 months of experience

   (iii) Accredited Bachelor of Science Degree in Biology, Chemistry, or, at the Board's discretion, other degrees containing sufficient courses in biology or chemistry

   Class IV - 1 month of experience; Class III - 3 months of experience;

   Class II - 12 months of experience; Class I - 24 months of experience

2. Industrial Wastewater Treatment System Operator or Water or Wastewater Laboratory Analyst or Wastewater Collection System Operator or Water Distribution System Operator

   (i) High School Diploma, GED, Accredited Associate Degree in Biology, Chemistry, or, at the Board's discretion, Accredited Bachelor of Science Degree in Biology, Chemistry, or other degrees containing sufficient courses in biology or chemistry - 3 months experience required

(d) **Examination.**

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1. An applicant must pass a written examination in order to receive a certification.

2. Applicants must apply for a certification within twelve (12) months of passing an examination.

3. A designated agent of the Board may administer the examinations. Examination shall be offered at least six (6) times annually.

4. The Board, through its designated agent, will provide reasonable accommodations to a qualified applicant with a disability in accordance with the Americans with Disabilities Act. The request for an accommodation by an individual with a disability must be in writing to the designated agent of the Board prior to the application deadline, along with appropriate documents, as indicated in the Request for Disability Accommodation Guidelines.

(e) **Current Certification.** Applicants must hold the following certificates before taking an examination for the next level of certification:

1. Public Water Supply System Operator

   (i) No previous certification needed to take examination for Class IV

   (ii) No previous certification needed to take examination for Class III

   (iii) Must hold Class III prior to taking examination for Class II

   (iv) Must hold Class II prior to taking examination for Class I

2. Biological Wastewater Treatment System Operator

   (i) No previous certification needed to take examination for Class IV

   (ii) No previous certification needed to take examination for Class III

   (iii) Must hold Class III prior to taking examination for Class II

   (iv) Must hold Class II prior to taking examination for Class I

3. Industrial Wastewater Treatment System Operator or Water or Wastewater Laboratory Analyst or Wastewater Collection System Operator or Water Distribution System Operator

   (i) No previous certification needed to take examination

(f) Applicants for the following certifications may take the examination before the experience requirement is met, but shall not apply for the certifications until completing the requisite experience in the actual system operation:

1. Public Water Supply System Operator Class IV;

2. Public Water Supply System Operator Class III;

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3. Biological Wastewater Treatment System Operator Class IV;

4. Biological Wastewater Treatment System Operator Class III;

5. Industrial Wastewater Treatment System Operator;

6. Water Laboratory Analyst;

7. Wastewater Laboratory Analyst;

8. Water Distribution System Operator;

9. Wastewater Collection System Operator.

(g) Applicants for the following certifications must have completed experience in the actual system operation prior to taking an examination:

1. Public Water Supply System Operator Class II;

2. Public Water Supply System Operator Class I;

3. Biological Wastewater Treatment System Operator Class II;

4. Biological Wastewater Treatment System Operator Class I.

(h) For those applicants who have a high school diploma or GED certificate, the Board may consider other factors, including post-secondary education and other training and experience, to determine satisfaction of the experience requirements.

Cite as Ga. Comp. R. & Regs. R. 750-3-.04
Authority: O.C.G.A. §§ 43-1-4, 43-1-7, 43-1-9, 43-1-19, 43-1-24, 43-1-25, 43-51-5, 43-51-6, 43-51-6.1, 43-51-7, 43-51-8, 43-51-9, 43-51-10.
History. Original Rule entitled "Revocation and Suspension of Certificates" adopted. F. Nov. 19, 1980; eff. Dec. 9, 1980.
Repealed: New Rule entitled "Renewal" adopted. F. July 8, 1988; eff. July 28, 1988.
Amended: Rule retitled "Renewal of a Class I Certificate." F. Sept. 14, 1989; eff. Oct. 4, 1989.
Repealed: New Rule entitled "Requirements" adopted. F. Dec. 17, 1991; eff. Jan. 6, 1992.
Repealed: New Rule of same title adopted. F. Feb. 5, 1993; eff. Feb. 25, 1993.
Amended: F. Sept. 20, 1993; eff. Oct. 10, 1993.
Amended: F. Dec. 28, 1993; eff. Jan. 17, 1994.
Amended: ER 750-3-0.2-.04 adopted. F. June 7, 1994; eff. July 1, 1994, as specified by the Agency, to remain in effect for 120 days or until the effective date of a Permanent Rule covering the same subject matter is adopted, as specified by the Agency.
Amended: Permanent Rule adopted. F. July 27, 1994; eff. Aug. 16, 1994.
Amended: F. Sept. 11, 1995; eff. Oct. 1, 1995.
Amended: F. Dec. 2, 1997; eff. Dec. 22, 1997.
Amended: F. Feb. 9, 2000; eff. Feb. 29, 2000.

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Amended: F. Jan. 11, 2001; eff. Jan. 31, 2001.
Amended: F. January 25, 2012; eff. Feb. 14, 2012.
Amended: F. Mar. 19, 2015; eff. Apr. 8, 2015.
Amended: F. Jan. 14, 2021; eff. Feb. 3, 2021.

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August 31, 2021

H2ocert@health.ny.gov
bpwsp@health.state.ny.us
NY OPERATOR CERTIFICATION

The following water/wastewater operator has applied to South Dakota to receive an Operator Certificate thru reciprocity. South Dakota will grant certificates by reciprocity to operators coming from states where their certification program is of a standard not lower than ours and will extend reciprocal privileges to our operators.

Please answer the following questions concerning your operator certification program so that the South Dakota Board of Operator Certification may make a decision at their next Board meeting (September 14, 2021) as to whether certification should be granted.

Name Keith John Ferriero

Address 40 View Ave-Apt B, Albany NY 12209

Class I WT

License Held NY Grade IIA-SW/GUI #NY0042282

What is the education requirement (HS graduation, years of post-secondary, etc.) for this license(s)?

HS Diploma or GED

What is the work experience requirement for this license(s)?

One year of experience in a surface water plant with facilities for filtration

Was a written exam taken to gain this license(s)? Yes

What type of questions is on the exam? Dependent on training provider format

What is the minimum score to pass the exam? Dependent on training provider format

Is your certification program mandatory? Mandatory for Designated Operator in Responsible Charge

Is this license(s) valid at this time? Yes – expires 3/31/23

Will your program grant reciprocity to all South Dakota water and wastewater operators if minimum requirements are met? Note-South Dakota will grant reciprocity on a case-by-case basis. We compare the education/work experience requirements for your certificate with the requirements for our SD certificates. We do NOT review the education/experience of the operator himself. It is also required that your state will grant reciprocity to our operators coming to your state.

We also grant on a case by case basis

Comments

Name and title of person completing this form-

Leila Novakowski – Health Program Administrator

Please check which certificates your agency issues-

x Water Treatment x Water Distribution

___ Wastewater Treatment ___ Wastewater Collection

South Dakota's Operator Certification Law can be found at-https://sdlegislature.gov/Statutes/Codified_Laws/2058273

Our regulations are contained within- https://sdlegislature.gov/Rules/Administrative/27258

Feel free to write your answers on this sheet, and please include a copy of your regulations concerning Operator Certification. **Please email or fax your reply if possible.** If there are any questions on this matter, feel free to contact me in Pierre. Thank you for your help.

Sincerely,

Rob Kittay-Secretary
Board of Operator Certification
523 E Capitol
Pierre SD 57501
Phone: 605-773-4208
Fax: 605-773-5286
E-mail: rob.kittay@state.sd.us
Web Site: https://danr.sd.gov/OfficeOfWater/DrinkingWater/OperatorCertification/default.aspx

SOUTH DAKOTA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

APPLICATION FOR OPERATOR CERTIFICATION THRU RECIPROCITY

INSTRUCTIONS TO APPLICANTS:

Application must be received by the Secretary at least FOUR WEEKS BEFORE THE NEXT MEETING OF THE BOARD OF OPERATOR CERTIFICATION. One certificate per application. Fax application to 605-773-5286 or mail application to:

Rob Kittay-Secretary
Board of Operator Certification
523 East Capitol-Foss Building
Pierre, SD 57501-3181

Applications for certification thru reciprocity are reviewed on a case-by-case basis by the Board of Operator Certification. Requirements for the certificate presently held in your state are compared to the requirements for the desired certificate in South Dakota. A copy of the certificate presently held should be included with the application. Each application must be accompanied by a check or money order for $10.00 made out to "DENR". If you fax application, please submit fee through the mail.

GENERAL INFORMATION (Print legibly and fill out completely):

1. Name FERRIERO (Last) KEITH (First) JOHN (Middle)

2. Home Mailing Address 40 VIEW AVENUE, APT. B ALBANY, NY 12209

3. Phone (518) 470-0376 Fax

4. Email Address KEIFER@PROTONMAIL.COM

South Dakota Certificate Desired (Check only one)	Certificate Level (Check only one)
☒ Water Treatment	☐ I
☐ Water Distribution	☒ II
☐ Wastewater Treatment	☐ III
☐ Wastewater Collection	☐ IV
☐ Small Water Treatment	
☐ Small WW System/ Stabilization Pond	

H2Ocert@health.ny.gov

bpwsp@health.state.ny.us

5. Certificate Now Held IIA-SW/GWI FILTRATION PLANT WATER SYSTEM OPERATOR From Which State NEW YORK

6. Was an exam passed to acquire this certificate? Check one. Yes ☒ No ☐

7. Is this certificate valid with all fees up-to-date? Check one. Yes ☒ No ☐

EDUCATION AND TRAINING

Are you a high school graduate? Check one. Yes ☒ No ☐ GED ☐ If no, year completed _____

College/Vo-tech Name	Dates Attended	Major	Date Graduated

List other educational courses completed such as correspondence school, operators' short courses, etc. Give date, name, and location of such courses.

HUDSON VALLEY COMMUNITY COLLEGE
OFFICE OF WORKFORCE DEVELOPMENT
400 JORDAN ROAD
TROY, NY 12180

GRADE A/B WATER TREATMENT PLANT OPERATOR
APRIL - MAY, 2019

WATER/WASTEWATER OPERATION EXPERIENCE

Present Position Title WATER TREATMENT PLANT ASSISTANT OPERATOR Date Employed 3/16/2019

Supervisor Name and Title DAN ROHRMILLER, CHIEF OPERATOR

Describe in detail your daily duties as related to the exam for which you are applying (Be Specific!)

PLEASE SEE ATTACHED DOCUMENTS

List other job experience which you feel will pertain to your certification qualifications.

Dates	Employer Name/Location	Specific Job Duties Related to Exam Applied For

I hereby certify that this application contains no willful misrepresentations or falsifications and that the information given is true and complete.

Signature _____ Date 8/30/21

Oper# 13078	
Cert Date	
Reciprocity Approved	Yes ☐ No ☐
Cash	Check
DENR Use Only	

05/2010

August 30, 2021 | 3:55 pm

COVID-19 Vaccines

On August 23, the FDA announced the full approval of the Pfizer-BioNTech vaccine for the prevention of COVID-19 disease in individuals age 16 and older. Read more.

DETAILS >
(https://covid19vaccine.health.ny.gov/)

New York Codes, Rules and Regulations (/)

Title: Section 5-4.3 - Qualifications required

Effective Date

02/14/2001

5-4.3 Qualifications required.

(a) Preliminary qualifications.

(1) An applicant for certification as a water treatment operator, water treatment assistant operator or distribution system operator must satisfactorily complete training courses or demonstrate equivalent training, education, experience, and take and pass a validated examination, under the requirements of section 5-4.4 and section 5-4.5 of this Subpart.

(2) An applicant for certification as a water treatment operator or water treatment assistant operator must be able to demonstrate the ability to make all operational and water quality tests necessary for the operation of a water treatment plant, such as, but not limited to, chlorine residual, color, pH, turbidity, bacteriological sampling techniques and fluoride when fluoridation is provided.

(b) Required experience and education/training. Table 5-4.3 provides the requisite experience, education, training, and examination for each grade of water treatment operator, water treatment assistant operator and distribution system operator.

Table 5-4.3 - Required Experience, Education, Training and Examination

Grade	Experience	Education	Training and Examination
IA	Ten years of operating experience; with at least one year operating experience at a grade IA water treatment plant and one year at a minimum of a grade IIA water treatment plant.	Minimum of a High school diploma or New York State Equivalency Diploma.	· Grade I Course - Minimum 60 Hours · Grade A Course - Minimum 60 Hours · Validated examination for grade IA as outlined in section 5-4.5 · And/or the requirements of section 5-4.4 of this Subpart.
IIA	One year of operating experience at a water treatment plant with facilities for filtration.	Minimum of a High school diploma or New York State Equivalency Diploma.	· Grade A Course - Minimum 60 Hours · Validated examination for grade IIA as outlined in section 5-4.5 · And/or the requirements of section 5-4.4 of this Subpart.
IB	Ten years of operating experience at a water treatment plant, with two years operating experience at a minimum of a grade B water treatment plant.	Minimum of a High school diploma or New York State Equivalency Diploma.	· Grade 1 Course - Minimum 60 Hours · Grade B Course - Minimum 30 Hours · Validated examination for grade IB as outlined in section **5-4.3**(d) · And/or the requirements of section 5-4.4 of this Subpart.
IIB	One year of operating experience at a water treatment plant.	Minimum of a High school diploma or New York State Equivalency Diploma.	· Grade B Course - Minimum 30 Hours · Validated examination for grade IIB as outlined in section 5-4.5 · And/or the requirements of section 5-4.4 of this Subpart.
C	Six months of operating experience at a minimum of a grade C water treatment plant.	Minimum of a High school diploma or New York State Equivalency Diploma.	· Grade C Course - Minimum 18 Hours · Validated examination for grade C as outlined in section 5-4.5 · And/or the requirements of section 5-4.4 of this Subpart.

D	One year of operating and maintenance experience in a distribution system serving 1,000 people or more.	Minimum of a High school diploma or New York State Equivalency Diploma.	· Grade D Course - Minimum 15 Hours · Validated examination for grade D as outlined in section 5-4.5 · And/or the requirements of section 5-4.4 of this Subpart.

(1) The Department will require proof of education to be submitted with the initial application. This proof will include;

(i) A copy of the high school diploma, or general equivalency diploma, and/or

(ii) A copy of a college diploma and transcripts duly signed, notarized or sealed by the individual that has the authority to issue such transcripts must be submitted for all education, experience, and/or training substitutions as outlined in Section 5-4.4 of this Subpart.

Volume

VOLUME A (Title 10)

Outline

^up (/content/subpart-5-4-classification-and-certification-community-and-nontransient-noncommunity-water)

New York Codes, Rules and Regulations

Search Title 10 (/search-title-10)

Proposed Rule Making (/regulations/proposed-rule-making)

Three, Five, Ten and Fifteen Year Regulation Review (/regulations/five-ten-fifteen-review)

Search Title 18 (/search-title-18)

Emergency Regulations (/regulations/emergency)

Recently Adopted Regulations (/regulations/recently-adopted)

STATE OF NEW YORK
DEPARTMENT OF HEALTH

This is to certify that:

Keith Ferriero

possesses the qualifications prescribed by Subpart 5-4 of the State Sanitary Code, for a grade IIA-SW/GUI Filtration Plant Water System Operator

Certificate Number	*Expiration Date*	*Issuance Date*
NY0042282	**3/31/2023**	**3/16/2020**

Important: Display this document as proof of your qualifications to operate a water system for the above referenced grade.

Tina Hunt, P.E., Assistant Director
Bureau of Water Supply Protection

Hudson Valley Community College

Office of Workforce Development

Keith Ferriero

has successfully completed the course in

Grade A/B Water Treatment Plant Operator

approved by the NYS Department of Health

(Grade A: ATC#: 9-895-16794; Grade B: ATC#: 9-2754-16795)

60 hours / 6.0 CEUs earned

Given this 16th day of May, 2019

Penny Hill, Dean
Office of Workforce Development

KEITH FERRIERO

CONTACT

keifer@protonmail.com

518-470-0376

40 View Avenue, Apt. B
Albany, NY 12209

SKILLS

- Potable water expertise
- Water purification systems
- PPE use
- SCADA operations knowledge
- Customer service
- MS Office
- Data management

SUMMARY

Water Filtration Plant Operator looking to gain more experience in the field of water treatment.

EXPERIENCE

Water Treatment Plant Operator
Albany Water Department | Albany, NY

03/2019 - Current

- Tour plant to monitor operation of pumps, plant instrumentation, domestic system, filters, chemical storage & check for maintenance issues every 4 hours
- Collect & test samples to assess water quality at various stages of filtration; including tests for pH, chlorine residual, turbidity & hardness every 4 hours
- Check chemical dosages, such as Sodium Permanganate, PCH-180, Hydrated Lime & Sodium Hypochlorite hourly
- Receiving deliveries of all plant chemicals used
- Cleaning the scale off of lime slurry system delivery lines every 3 weeks
- Operate SCADA system to monitor PRV's across the city distribution system & filtration plant instrumentation
- Control plant effluent flows based upon our Loudonville Reservoir elevation level

EDUCATION AND TRAINING

05/2019

Workforce Development Certificate - Grade A/B Water Treatment Plant Operator

Hudson Valley Community College

400 Jordan Road

Troy, NY 12180

06/2004

High School Diploma

Albany High School

700 Washington Avenue

Albany, NY 12203

CERTIFICATIONS

- Grade IIA-SW/GUI Filtration Plant Water System Operator, Certificate # NY0042282 issued 3/16/20, exp. 3/31/23
- OSHA Certified HAZWOPER 40 Hour course issued 10/29/20
- NSC First Aid, CPR & AED 5 hour course issued 11/21/19, exp. 11/21/21

- Washing of rapid sand filters
- Record meter & gauge readings on specified operational forms
- Coordinate routine operations & plant maintenance with coworkers
- Follow applicable regulations, including NYS Dept. of Health, EPA & OSHA to maintain safety of water & all personnel

Security Guard
Albany Water Department | Albany, NY

06/2018 - 03/2019

- Monitored city property at and surrounding Alcove & Basic Creek Reservoirs and recorded all activity in office log book
- Opening and closing of Basic Creek Reservoir at dawn and dusk for fishing/hiking
- Operation of work vehicle and ATV to patrol forests and quarry on property
- Monitored multiple CCTV feeds to keep close eye on important areas of buildings and grounds
- Warned people of rule infractions or violations and evicted violators from premises
- Collaborated with local law enforcement agencies to support criminal investigations
- Monitored and authorized entrance and departure of employees, visitors and other persons
- Collected daily precipitation levels and reported weather to call in to local station
- Responsible for gathering reservior elevation readings daily

Mechanic Assistant
R & D Automotive | Albany, NY

04/2017 - 02/2018

- Basic mechanic and service duties on all German vehicles
- Belt services

- Fluid changes/flushes for oil, brakes, transmission and coolant systems
- Mounting & balancing tires
- Setting up vehicles for alignments
- Responsible for storage and parking of all vehicles
- Pick-up and drop off service to local customers

Bartender/Barback
Lionheart Pub | Albany, NY

05/2015 - 06/2018

- Confirmed customers ages for alcohol service and discontinued service to intoxicated guests
- Checked identification of customers to verify age requirements needed to purchase alcohol
- Restocked beer and liquor on regular schedule and after special events to prepare for forecasted needs
- Engaged in small talk with patrons to build rapport and earn repeat business.
- Cleaned bar area after shift completion
- Assisted Head Bartender with counting of sales and distribution of tips

Line Cook
McGeary's Irish Pub | Albany, NY

10/2013 - 06/2018

- Followed proper food handling methods and maintained correct temperature of food products resulting in consistently high scores on health inspections
- Maintained consistent quality and high accuracy when preparing identical dishes every day
- Restocked all food items throughout shift to guarantee cooks had easy access to all necessary ingredients for service
- Sanitized food preparation areas, grills and equipment to avoid cross-contamination from raw items

- Unloading and storage of freshly delivered produce, meats and frozen goods, while maintaining proper organization in pantry, cooler and freezer areas

Clerk 1
NYS Department of Education | Albany, NY

10/2007 - 07/2013

- Reception area duties such as answering phones, referring and directing calls, taking messages, greeting visitors and sorting & distributing mail
- Filed documents for all NYS Education Department staff personnel files
- Assisting the Transactions Unit with mailing of all canvassing letters to eligible individuals for employment and maintaining the eligibility list
- Assisted the Payroll Unit with delivery of checks & stubs
- Reviewing employees evaluation dates for consistent performance reviews and entering completions in an Oracle database
- Hand delivering urgent mail to various offices in the Education Department and other agencies in the downtown Albany area such as the Governors Mansion, Civil Service and GOER buildings
- Updating the Contract Administration Unit log for current contracts and RFP's
- Maintained inventory and ordered all office supplies

American Water Works Association
New York Section
Over 100 Years of Safe Drinking Water

201 W. Genesee St. #130
Fayetteville, NY 13066
315-960-1772
www.nysawwa.org

Certificate of Completion

Presented to Keith Ferriero
Course #2019 Basic Laboratory Skills
9/24/20 in Troy, NY

Approved by New York State Department of Health for 7.0 Contact Hours, ATC #1-8-17527
Approved by New York State Department of Environmental Conservation for 7.0 Contact Hours, RTC #19951-20
Approved under direction of NYSED Sponsor #59 for 3.0 live Professional Development hours #2019

A Better World through Better Water

Trina Carman

Trina Carman, Training Coordinator
New York Section AWWA

American Water Works Association
New York Section
Over 100 Years of Safe Drinking Water

201 W. Genesee St. #130
Fayetteville, NY 13066
315-960-1772
www.nysawwa.org

Certificate of Completion

Presented to Keith Ferriero
Course #2045 Fundamental Operator Math
9/9/20 in Troy, NY

Approved by New York State Department of Health for 3.75 Contact Hours, ATC #1-8842-18133
Approved by New York State Department of Environmental Conservation for 3.75 Contact Hours, RTC #20532-20
Approved under direction of NYSED Sponsor #59 for 3.75 live Professional Development hours #2045

A Better World through Better Water

Trina Carman

Trina Carman, Training Coordinator
New York Section AWWA

American Water Works Association
New York Section
Over 100 Years of Safe Drinking Water

201 W. Genesee St. #130
Fayetteville, NY 13066
315-960-1772
www.nysawwa.org

Certificate of Completion

Presented to Keith Ferriero
Course #2147 Lead Corrosion / COOP
5/20/21 in Troy, NY

Approved by New York State Department of Health for 6.0 Contact Hours, ATC #1-9008-18628
Approved by New York State Department of Environmental Conservation for 6.0 Contact Hours, RTC #21054-21
Approved under direction of NYSED Sponsor #59 for 6.0 live Professional Development hours #2147

A Better World through Better Water

Trina Carman

Trina Carman, Training Coordinator
New York Section AWWA

NSC First Aid, CPR & AED Course

Name: Keith Ferriero
Address: City of Albany, Dept. of Water & Water Supply
Address: 501 Old Quarry Road
City, State, Zip: Selkirk, NY 12158

Security Control No.
503685

Course Completion Date: November 21, 2019
Expiration Date: November 21, 2021

Training Center: Capital Safety Services
Instructor Name: Kevin Labas
Instructor Number: 21370068

Keith Ferriero

has successfully completed the NSC First Aid, CPR & AED Course.

The National Safety Council eliminates preventable deaths at work, in homes and communities, and on the road through leadership, research, education and advocacy.

For more life-saving courses from NSC please visit **nsc.org/fatraining**

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CapitalSafety Services
www.capitalsafetyservices.com

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Loudonville, NY 12211
(518)427-8405

Keith Ferriero
Has successfully completed the OSHA 40 hour Hazwoper (Hazardous Waste Operations and Emergency Response) Safety course in accordance with OSHA 1926.65.

On this 29h day of October, 2020

Robert D. Gilchrist, CIH, CSP
President, Capital Safety Services, Inc.