

Operator Certification

Darlene Helmig, Section Chief

Partnership for water and wastewater workforce

- DNR and DOC partnering
- Water and Wastewater operator certification training to offenders
- Career opportunity, contribute to the workforce pool for the water and wastewater industry, reduce recidivism.
- Win, Win, Win!

Workforce outlook for water and wastewater operators

Summary

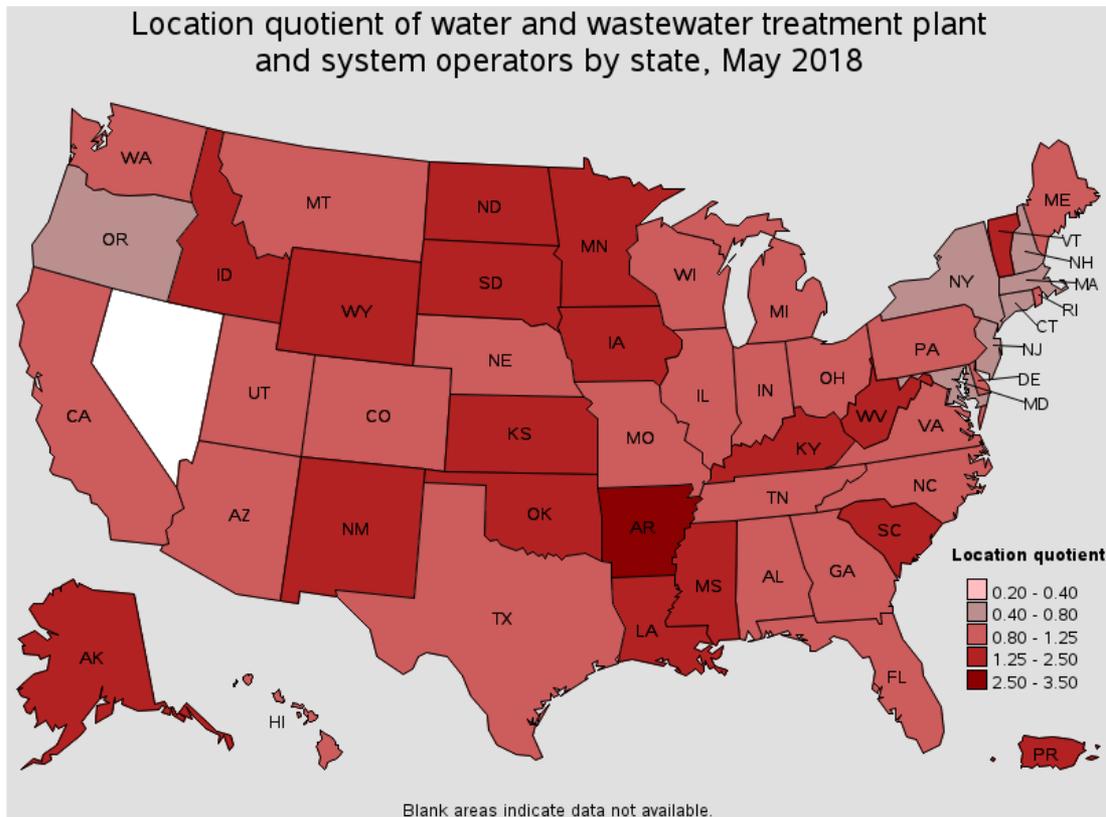
Quick Facts: Water and Wastewater Treatment Plant and System Operators	
2018 Median Pay 	\$46,780 per year \$22.49 per hour
Typical Entry-Level Education 	High school diploma or equivalent
Work Experience in a Related Occupation 	None
On-the-job Training 	Long-term on-the-job training
Number of Jobs, 2016 	119,200
Job Outlook, 2016-26 	-3% (Decline)
Employment Change, 2016-26 	-3,800

Job outlook



- **“Numerous operators are expected to reach retirement age in the next decade. As these operators retire, those positions will need to be filled.”**

Missouri's job concentration compared to other states is average.



SOURCE: US Dept. of Labor, Bureau of Labor Statistics, April 12, 2019

Partnership considerations and goals:

- Individuals will be joining the workforce in short timeframe (less than one year).
- Attendees DOC screens for attendees who are interested must have HS diploma or equivalent
- Classroom accommodations and class size
- Onsite DS and WW facility preferred

Partnership considerations and goals:

- Provide wastewater treatment and drinking water distribution multi-day pre-certification training courses (6 to 12-day courses)
 - WW-D and DS-1 certification
 - Career opportunity and workforce development

- Two WW and one DS class completed – both held at Ozark Correctional Center (OCC) in Fordland, MO. First class was in December 2017.

- certificates issued:
 - 29 WW-D
 - 11 DS-1



Next Steps

- WW course will be at Maryville Treatment Center in early 2020
- Finishing up the second drinking water distribution course in August 2019 at OCC in Fordland.
- Need successful employment matches – let me or Shelle Jacobs know if you know of an employer interested

Questions?

- Any questions for me before I turn it over to Shelle Jacobs, Reentry Coordinator with DOC?



JUSTICE INVOLVED INDIVIDUALS: AN UNTAPPED WORKFORCE

Shelle Jacobs
Missouri
Department
of
Corrections

Reentry Unit

MISSOURI PRISON POPULATION



As of March 22, 2019

MISSOURI PRISON POPULATION

29,630

26,697 Male

2,933 Female

PEOPLE RELEASED FROM MO PRISONS EVERY YEAR



**PEOPLE RELEASED FROM MO
PRISONS EVERY YEAR**

19,000

ONE OF THE MAIN PREDICTORS FOR NOT RETURNING TO PRISON



EMPLOYMENT!

DNR
WATER AND
WASTEWATER
OPERATOR
CERTIFICATION CLASSES

ACT WORKKEYS NATIONAL CAREER READINESS CERTIFICATE



ACT WORKKEYS

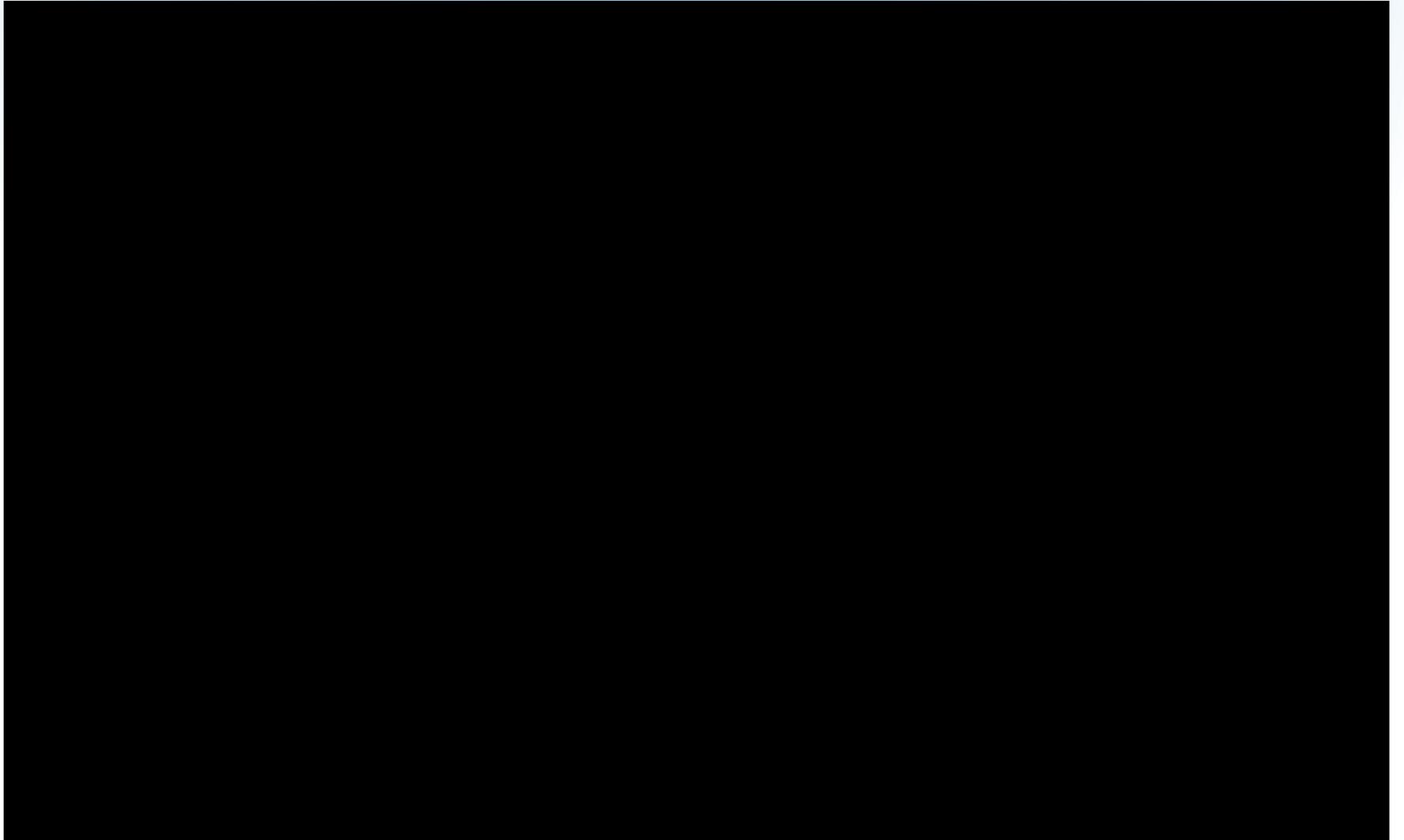
NATIONAL CAREER READINESS CERTIFICATE

- Applied Math
- Workplace Documents
- Graphic Literacy

EMPLOYABILITY SKILLS

- Resume Building
- Job Application Process
- Interviewing Techniques
- Effective Communication
- Work Readiness
- Maintaining and Sustaining Gainful Employment

SECOND CHANCES



REENTRY EFFORTS

