Source: Labor Insight (Burning Glass Technologies)

Occupation Analysis - Water and Wastewater Treatment Plant and System Operators

Operate or control an entire process or system of machines, often through the use of control boards, to transfer or treat water or wastewater.

Common job titles: 92W Water Treatment Specialist, Wastewater Operator, Water Technician, Water Treatment Technician, Water Treatment Plant Operator

Active Selections: ID, Water and Wastewater Treatment Plant and System Operators

Overview

Job Metrics

Job Postings
Last 12 Months

Average Demand
74

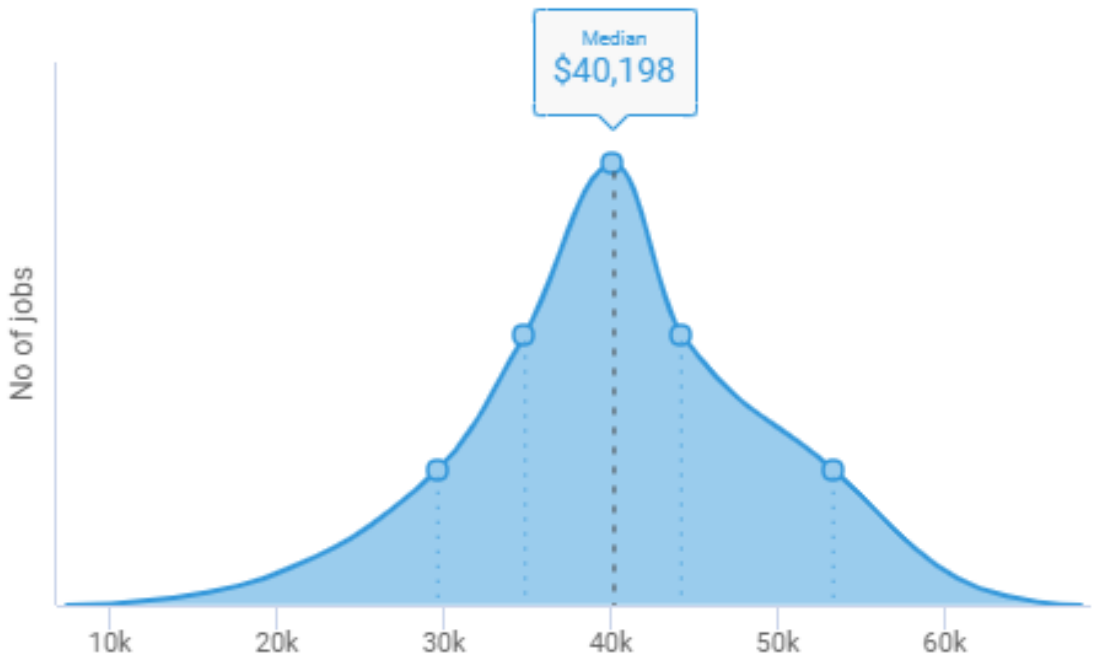
Projected Growth
10 Years

Time To Fill

Easier to Fill
28 days

Location Quotient

Salary Overall



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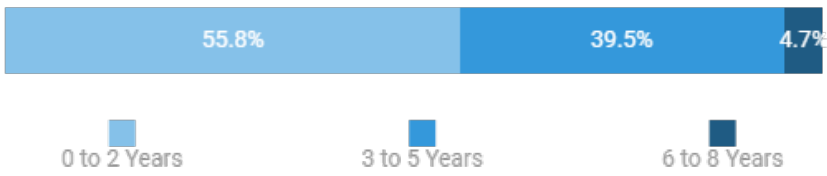
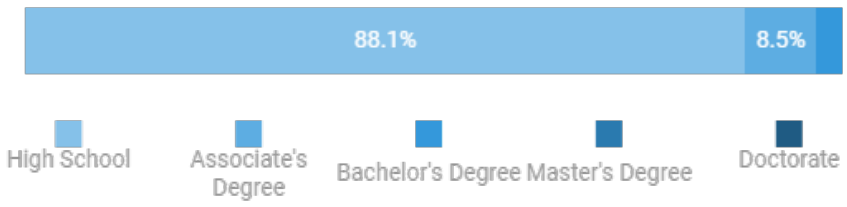
Job Qualifications

Years of Experience



Education Level



Certification

	Occasionally	Sometimes	Often
Driver's License	○	◉	○
Wastewater Treatment Plant Operator	○	◉	○
Wastewater Treatment Certification	○	◉	○
Wastewater Treatment Plant Operator Grade I	○	◉	○
Automation Certification	○	◉	○
Cdl Class B	○	◉	○
First Aid Cpr Aed	◉	○	○
Wastewater Collection License	◉	○	○

Frequency Requested

Top Skills

Specialized Skills

Wastewater Treatment
Predictive / Preventative Maintenance
Repair
Water Treatment
Interpret Gauges
Laboratory Testing
Calculation

Baseline Skills

Troubleshooting
Physical Abilities
Preventive Maintenance
Writing
Building Effective Relationships
Detail-Oriented
Computer Literacy

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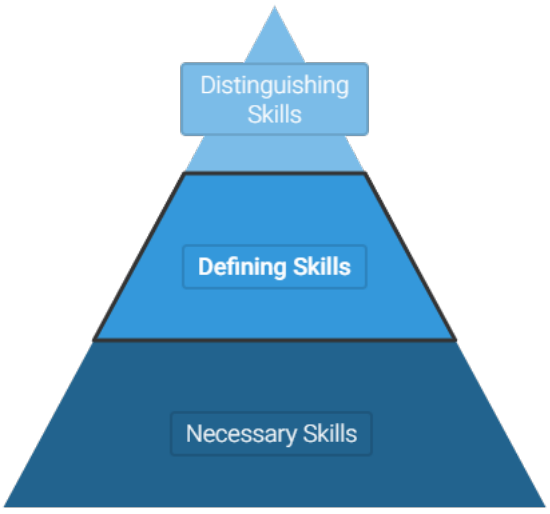
Skills Explorer

Occupational Skills for Water and Wastewater Treatment Plant and System Operators



An occupation's Defining skills represent the day-to-day tasks and responsibilities of the job. An employee needs these skills to qualify for and perform successfully in this occupation.

Skill	Skill Type	Occupational Skills Category	Salary Premium	Job Postings Requesting Last 12 months	Projected Growth 2 Years	Location Quotient
Wastewater Treatment	Specialized	Defining	✓	41	-1.6% ↘	3.1 ⇈
Troubleshooting	Baseline	NA		32	0% ↘	6.8 ⇈
Physical Abilities	Baseline	NA		31	+6.8% ↗	3.8 ⇈
Preventive Maintenance	Baseline	NA		28	0% ↘	5.9 ⇈
Predictive / Preventative Maintenance	Specialized	Necessary		28	0% ↘	10.2 ⇈
Writing	Baseline	NA		27	0% ↘	7.6 ⇈
Building Effective Relationships	Baseline	NA		24	0% ↘	7.3 ⇈
Repair	Specialized	Defining		24	+3.4% ↗	2 ⇈
Detail-Oriented	Baseline	NA		20	0% ↘	6.2 ⇈
Water Treatment	Specialized	Defining		20	-8.9% ↘	1.7 ⇈
Computer Literacy	Baseline	NA		18	0% ↘	4.3 ⇈
Interpret Gauges	Specialized	Distinguishing		18	0% ↘	10 ⇈
Laboratory Testing	Specialized	Necessary		16	0% ↘	4.7 ⇈
Calculation	Specialized	Necessary		16	0% ↘	6.2 ⇈
SCADA	Software and Programming	Necessary	✓	15	0% ↘	4.1 ⇈
Forklift Operation	Specialized	Necessary		14	0% ↘	5.3 ⇈
Hand Tools	Specialized	NA		14	0% ↘	7.2 ⇈
Industrial Wastewater Treatment Systems	Specialized	Distinguishing	✓	14	0% ↘	9.4 ⇈
Basic Mathematics	Specialized	NA		14	0% ↘	9.3 ⇈
Refunds Exchanges and Adjustments	Specialized	NA		14	0% ↘	11.2 ⇈
Communication Skills	Baseline	NA		13	0% ↘	2.3 ⇈
Power Tools	Specialized	NA		13	0% ↘	6.6 ⇈
Occupational Health and Safety	Specialized	NA		12	0% ↘	6 ⇈
English	Baseline	NA		11	0% ↘	4.5 ⇈
Machinery	Specialized	Necessary		11		

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					0%	2.5
Record Keeping	Specialized	NA		11	0%	4.6
Wastewater Collection	Specialized	Distinguishing		11	0%	5.3
Problem Solving	Baseline	NA		10	0%	3.9
Teamwork / Collaboration	Baseline	NA		10	0%	4.2
Customer Service	Specialized	NA		10	0%	6
Backhoes	Specialized	NA		10	0%	10.3
Water Quality	Specialized	Defining	✓	9	0%	2.3
Microsoft Excel	Software and Programming	NA		8	0%	2.5
Organizational Skills	Baseline	NA		8	0%	3.6
Sample Collection	Specialized	Necessary		8	0%	2.1
Water Distribution	Specialized	Defining	✓	8	0%	3.3
Cleaning	Specialized	NA		8	0%	3.1
Microsoft Office	Software and Programming	NA		7	0%	2.7
Microsoft Word	Software and Programming	NA		7	0%	3.6
Verbal / Oral Communication	Baseline	NA		7	0%	6.9
Chemistry	Specialized	Necessary		7	0%	1.9
Water Meters	Specialized	Distinguishing		7	0%	6
Waste Treatment	Specialized	Distinguishing		7	0%	6.3
Spreadsheets	Specialized	NA		7	0%	6.4
Positive Disposition	Baseline	NA		6	0%	8.6
Scheduling	Specialized	Necessary		6	0%	1.8
Mentoring	Baseline	NA		5	0%	9.4
Decision Making	Baseline	NA		5	0%	12.8
Process Control	Specialized	Necessary	✓	5	0%	1.4
Plumbing	Specialized	NA		5	0%	2.1

Learn more about Occupational Skill Categories

Top Requested Skills for Water and Wastewater Treatment Plant and System Operators

Skill	Skill Type	Occupational Skills Category	Salary Premium	Job Postings Requesting Last 12 months	Projected Growth 2 Years	Location Quotient
Wastewater Treatment	Specialized	Defining		41	-1.6%	3.1

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			✓			
Troubleshooting	Baseline	NA		32		6.8
Physical Abilities	Baseline	NA		31	+6.8%	3.8
Preventive Maintenance	Baseline	NA		28		5.9
Predictive / Preventative Maintenance	Specialized	Necessary		28		10.2
Writing	Baseline	NA		27		7.6
Building Effective Relationships	Baseline	NA		24		7.3
Repair	Specialized	Defining		24	+3.4%	2.0
Detail-Oriented	Baseline	NA		20		6.2
Water Treatment	Specialized	Defining		20	-8.9%	1.7
Computer Literacy	Baseline	NA		18		4.3
Interpret Gauges	Specialized	Distinguishing		18		10.0
Laboratory Testing	Specialized	Necessary		16		4.7
Calculation	Specialized	Necessary		16		6.2
SCADA	Software and Programming	Necessary	✓	15		4.1
Forklift Operation	Specialized	Necessary		14		5.3
Hand Tools	Specialized	NA		14		7.2
Industrial Wastewater Treatment Systems	Specialized	Distinguishing	✓	14		9.4
Basic Mathematics	Specialized	NA		14		9.3
Refunds Exchanges and Adjustments	Specialized	NA		14		11.2
Communication Skills	Baseline	NA		13		2.3
Power Tools	Specialized	NA		13		6.6
Occupational Health and Safety	Specialized	NA		12		6.0
English	Baseline	NA		11		4.5
Machinery	Specialized	Necessary		11		2.5
Record Keeping	Specialized	NA		11		4.6
Wastewater Collection	Specialized	Distinguishing		11		5.3
Problem Solving	Baseline	NA		10		3.9
Teamwork / Collaboration	Baseline	NA		10		4.2
Customer Service	Specialized	NA		10		6.0
Backhoes	Specialized	NA		10		10.3
Water Quality	Specialized	Defining	✓	9		2.3
Microsoft Excel	Software and Programming	NA		8		2.5
Organizational Skills	Baseline	NA		8		3.6

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Sample Collection	Specialized	Necessary		8		2.1
Water Distribution	Specialized	Defining	✓	8		3.3
Cleaning	Specialized	NA		8		3.1
Microsoft Office	Software and Programming	NA		7		2.7
Microsoft Word	Software and Programming	NA		7		3.6
Verbal / Oral Communication	Baseline	NA		7		6.9
Chemistry	Specialized	Necessary		7		1.9
Water Meters	Specialized	Distinguishing		7		6.0
Waste Treatment	Specialized	Distinguishing		7		6.3
Spreadsheets	Specialized	NA		7		6.4
Positive Disposition	Baseline	NA		6		8.6
Scheduling	Specialized	Necessary		6		1.8
Mentoring	Baseline	NA		5		9.4
Decision Making	Baseline	NA		5		12.8
Process Control	Specialized	Necessary	✓	5		1.4
Plumbing	Specialized	NA		5		2.1

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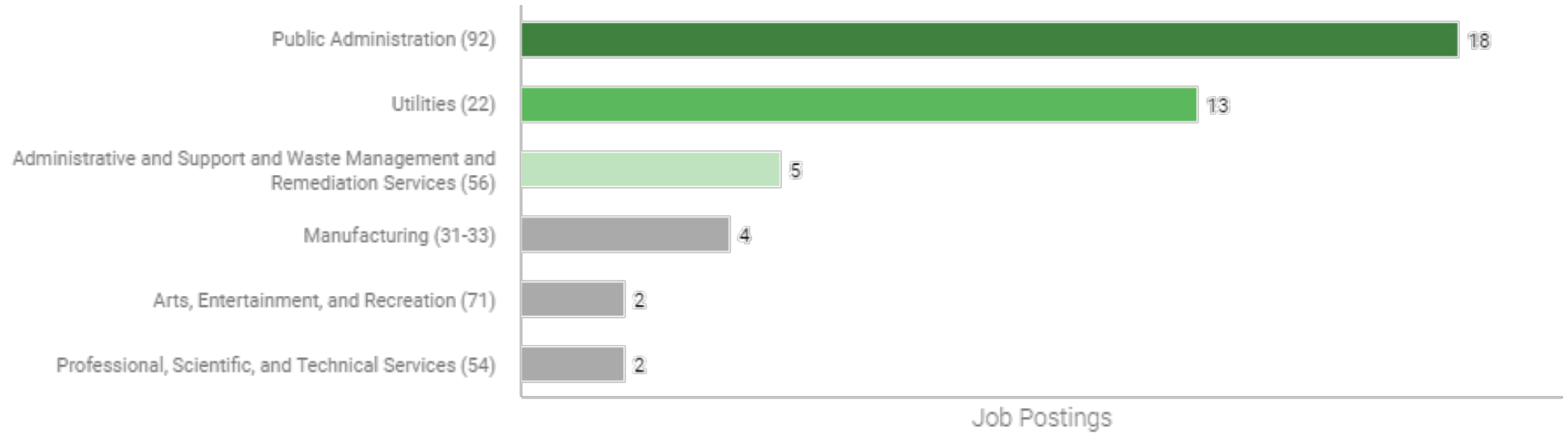
Employers & Industries

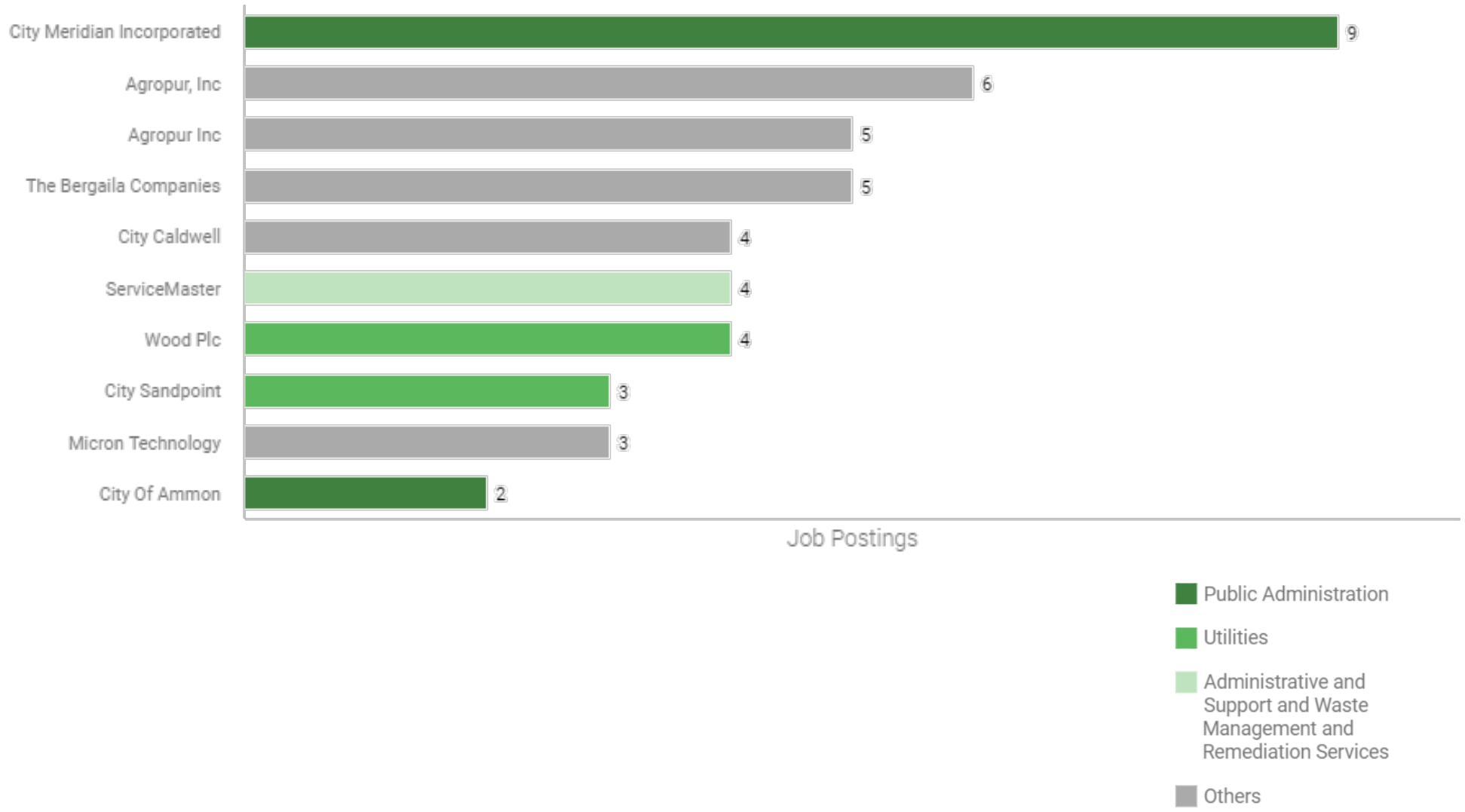
Top Industries

2digit



Top Employers

-



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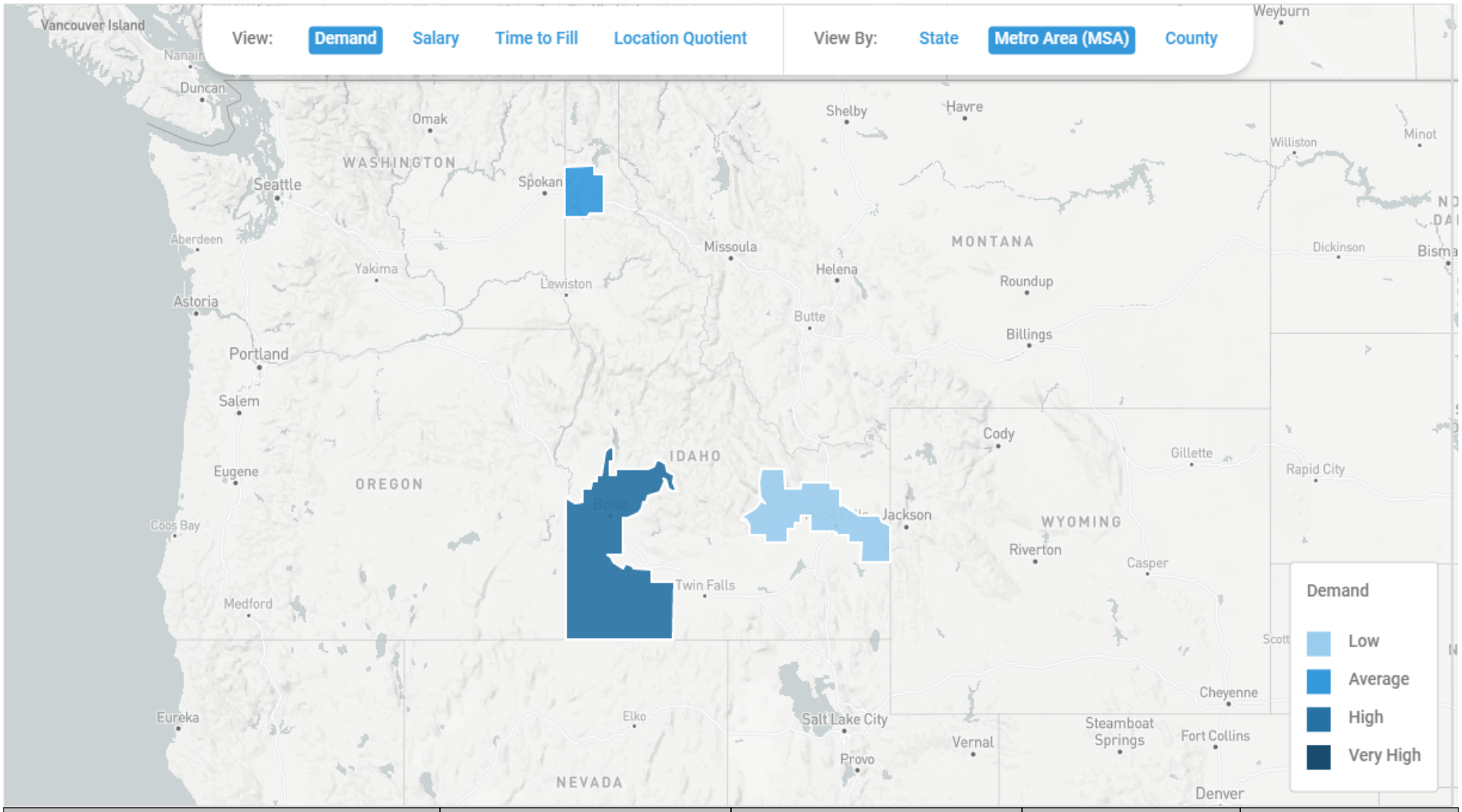
Top Locations



State	Job Postings Last 12 months	Median Salary	Time to Fill Days	Location Quotient
Boise City, ID	27	$41k	29	2.0
Coeur d'Alene, ID	13	$49k	24	4.7
Idaho Falls, ID	4	$36k	28	1.3

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Related Jobs

Water and Wastewater Treatment Plant and System Operators at a Glance

Salary

Job Postings

Last 12 Months

Average Demand
74

Projected Growth

10 Years

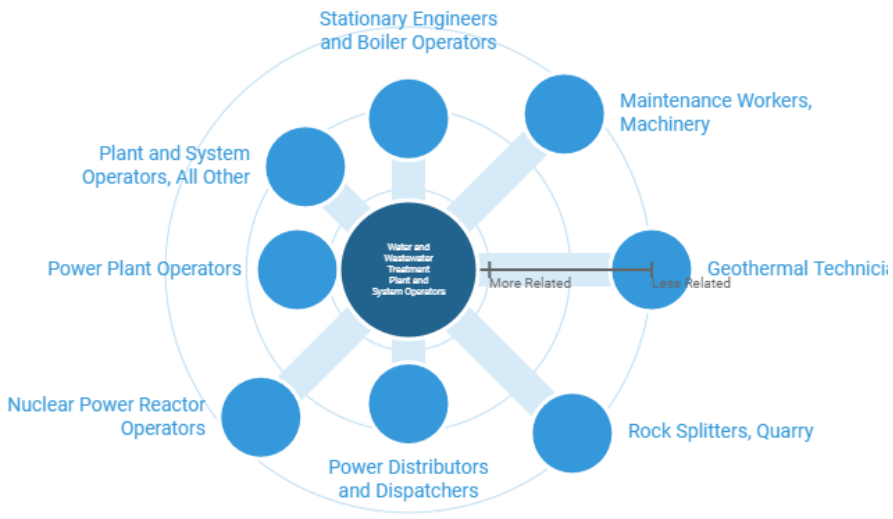
Time To Fill

Easier to Fill
28 days

Location Quotient

Source: Projections Central

Related Jobs



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