

# TOWN OF EAGLE, CO

## Water Analysis Report

1/28/2019

	Production Capacity	Water Rights
	MGD	MGD
<b>Upper Basin Water Treatment Plant, Completed</b>	<b>3.9</b>	<b>4.3</b>
<b>Lower Basin Water Treatment Plant, Phase 1, Completion Scheduled Summer 2020</b>	<b>2.5</b>	<b>5.0</b>
Lower Basin Water Treatment Plant, Phase 2, Future	1.25	0.0
Lower Basin Water Treatment Plant, Phase 3, Future	1.25	0.0
Upper Basin Water Treatment Plant, Expansion, Future	0.4	0.0
<b>TOTAL:</b>	<b>9.3</b>	<b>9.3</b>

ASSUMPTION GPD/SFE	1100	
	Production Capacity	Water Rights
	SFE	SFE
<b>Upper Basin Water Treatment Plant, Completed</b>	<b>3,545</b>	<b>3,909</b>
<b>Lower Basin Water Treatment Plant, Phase 1, Completion Scheduled Summer 2020</b>	<b>2,273</b>	<b>4,545</b>
Lower Basin Water Treatment Plant, Phase 2, Future	1,136	0
Lower Basin Water Treatment Plant, Phase 3, Future	1,136	0
Upper Basin Water Treatment Plant, Expansion, Future	364	0
<b>TOTAL:</b>	<b>8,455</b>	<b>8,455</b>

SFE Based on Current Water Right Portfolio and Infrastructure (Insert total SFE)	Production Demanded
Current SFE Available	3,545
SFE Utilized	3,364
<b>Total Remaining SFE</b>	<b>182</b>

Obligated SFEs	Production Demanded
<b>Total Obligated Taps</b>	<b>1,543</b>

SFE Remaining at Full Obligated Build-Out	Production
<b>SFE Balance at Full Build-Out</b>	<b>-1,361</b>

**POTENTIAL NEW WATER****Lower Basin Water Treatment Plant, Phase 1**

Approximate Cost to Complete	\$24,000,000.00
SFE Generated	2,273
Completion Date	2020

**Lower Basin Water Treatment Plant, Phase 2**

Approximate Cost to Complete (2016 Dollars) per 2018 SGM Water Rate and Tap Fee Study Report	\$4,493,507.68
SFE Generated	1,136
Completion Date (Estimated)	2040

**Lower Basin Water Treatment Plant, Phase 3**

Approximate Cost to Complete (2016 Dollars) per 2018 SGM Water Rate and Tap Fee Study Report	\$1,405,049.60
SFE Generated	1,136
Completion Date (Estimated)	2049

**Upper Basin Water Treatment Plant, Expansion**

Approximate Cost to Complete (2016 Dollars) per 2018 SGM Water Rate and Tap Fee Study Report	\$3,012,542.00
SFE Generated	364
Completion Date (Estimated)	2022