

WATER SOURCES

Over the past years, Community Water Company has acquired or developed a number of culinary water sources. However, only a few of these sources are currently active. Table ES-2 provides a summary of Community’s water sources.

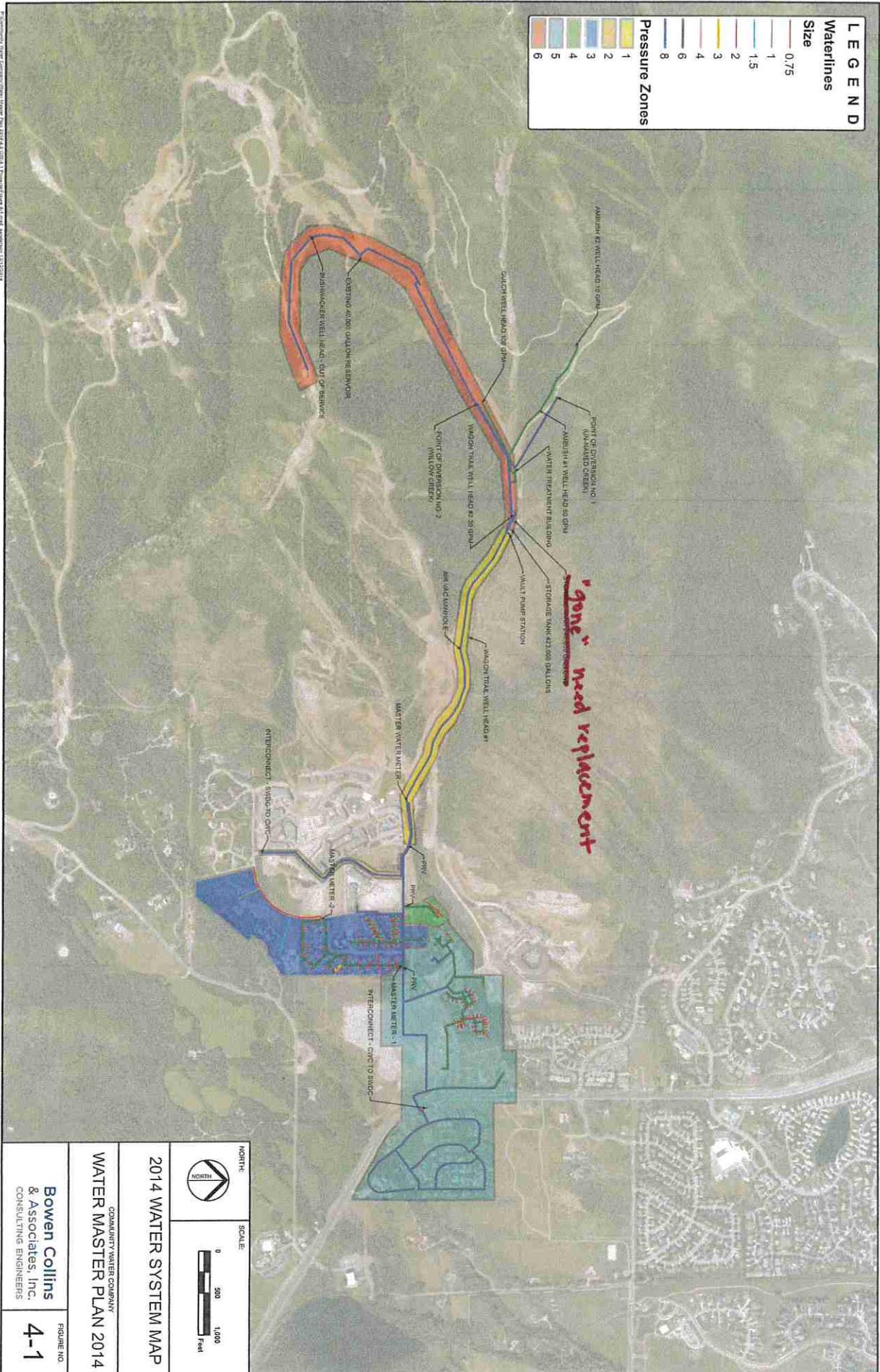
**Table ES-2
Status of Current Sources for CWC**

Source Name	Source Type	Water Right Number	Status	Capacity (GPM)	Projected Potential Annual Yield* (acre-ft.)
Gulch Well	Groundwater	35-7497	Active	100	129
Wagon Trail Well #2	Groundwater	35-6721	Active	30	39
Willow Creek (Point of Diversion #2)	Surface Diversion	35-6200, 35-6695	Active	220**	51-85**
Bushwhacker Well Head	Groundwater	35-6200, 35-6721, 35-7497	Out of Service	NA	NA
Ambush #1 Well Head	Groundwater	35-7497	Out of Service	NA	NA
Ambush #2 Well Head	Groundwater	35-7497	Out of Service	NA	NA
Wagon Trail Well Head #1	Groundwater	35-7497	Out of Service	NA	NA
Point of Diversion #1	Surface Diversion	35-6200	Out of Service	NA	NA
			Total	350	219-253

*Projected Potential annual yield from wells estimated as 80% of production capacity operating over the entire year; Projected Potential annual yield from Willow Creek is estimated as the range between the low and high production over the last 4 years (Not including 2011 due to plant shutdown).

**Flow from Willow Creek is currently limited by the capacity of the Water Treatment Plant. The design capacity of the WTP is 300 GPM, but actual capacity is 220 GPM. Actual production may vary from year to year based on available surface water

LEGEND	
Waterlines	
Size	0.75
	1
	1.5
	2
	3
	4
	6
	8
Pressure Zones	
	1
	2
	3
	4
	5
	6



2014 WATER SYSTEM MAP
 COMMUNITY WATER COMPANY
WATER MASTER PLAN 2014

Scale: 0 500 1,000 feet

North: [North Arrow]

Figure No: 4-1

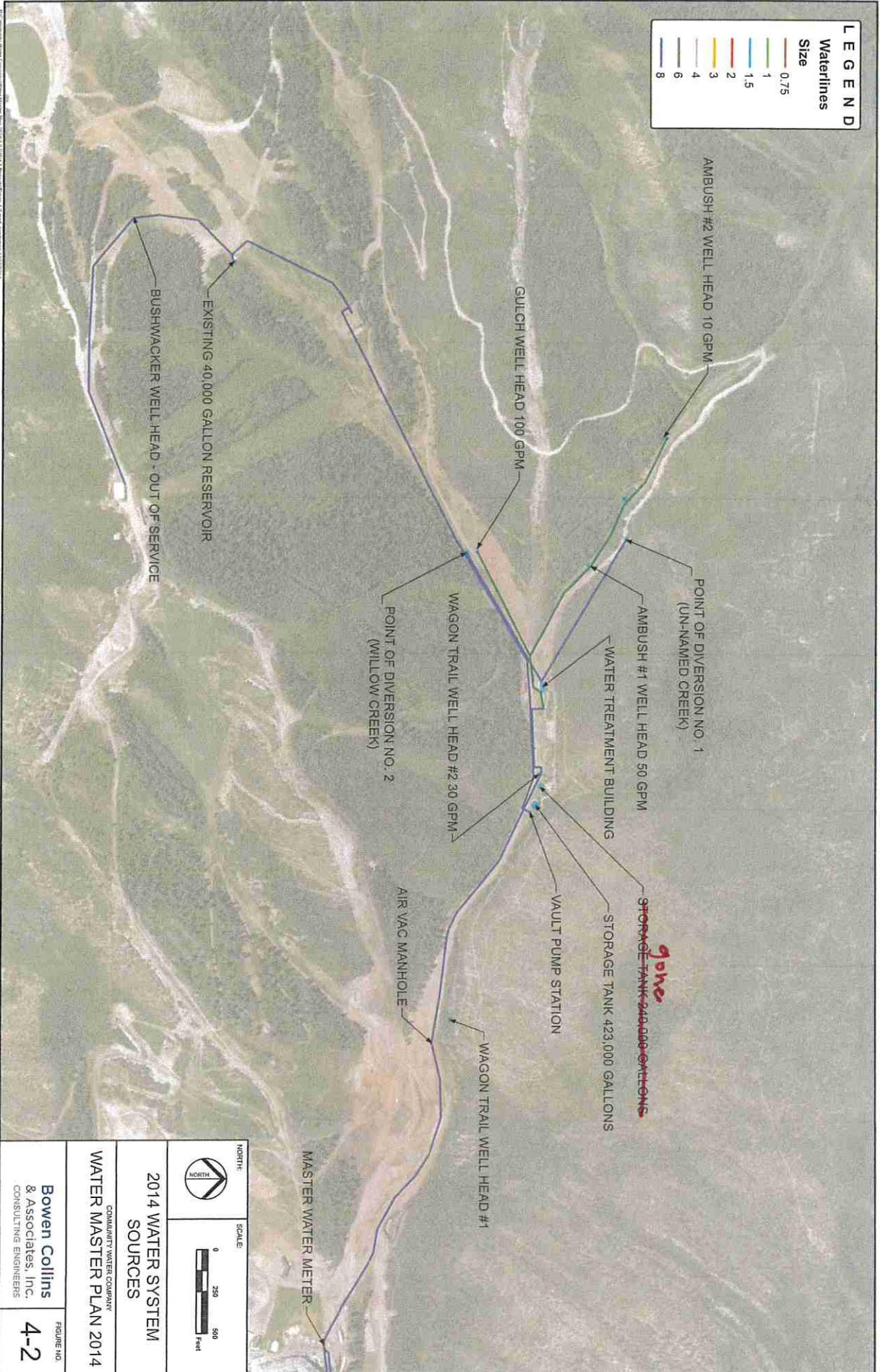
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Prepared by: Bowen Collins & Associates, Inc. Date: 11/15/14. Project: 14-001. Figure No: 4-1. Scale: As Shown.

LEGEND

Waterlines
Size

0.75
1
1.5
2
3
4
6
8



NORTH

SCALE

0 250 500
FEET

2014 WATER SYSTEM
SOURCES

COMMUNITY WATER COMPANY
WATER MASTER PLAN 2014

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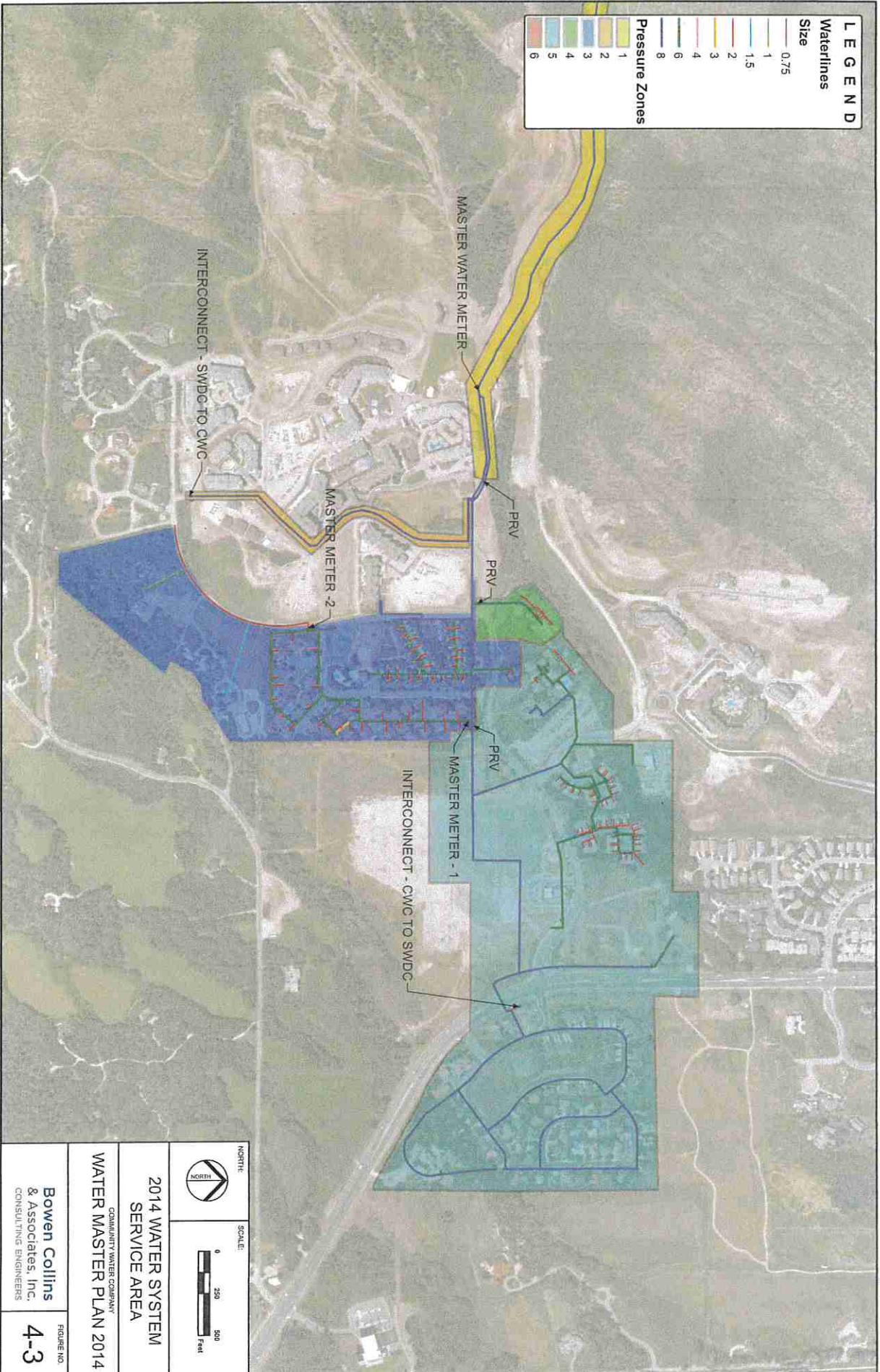
FIGURE NO
4-2

PC-Community Water Company (WMA) Water Plan 2014 (3.0) (02/14) Prepared by: AZ2244 Submitted: 1/17/2014

LEGEND

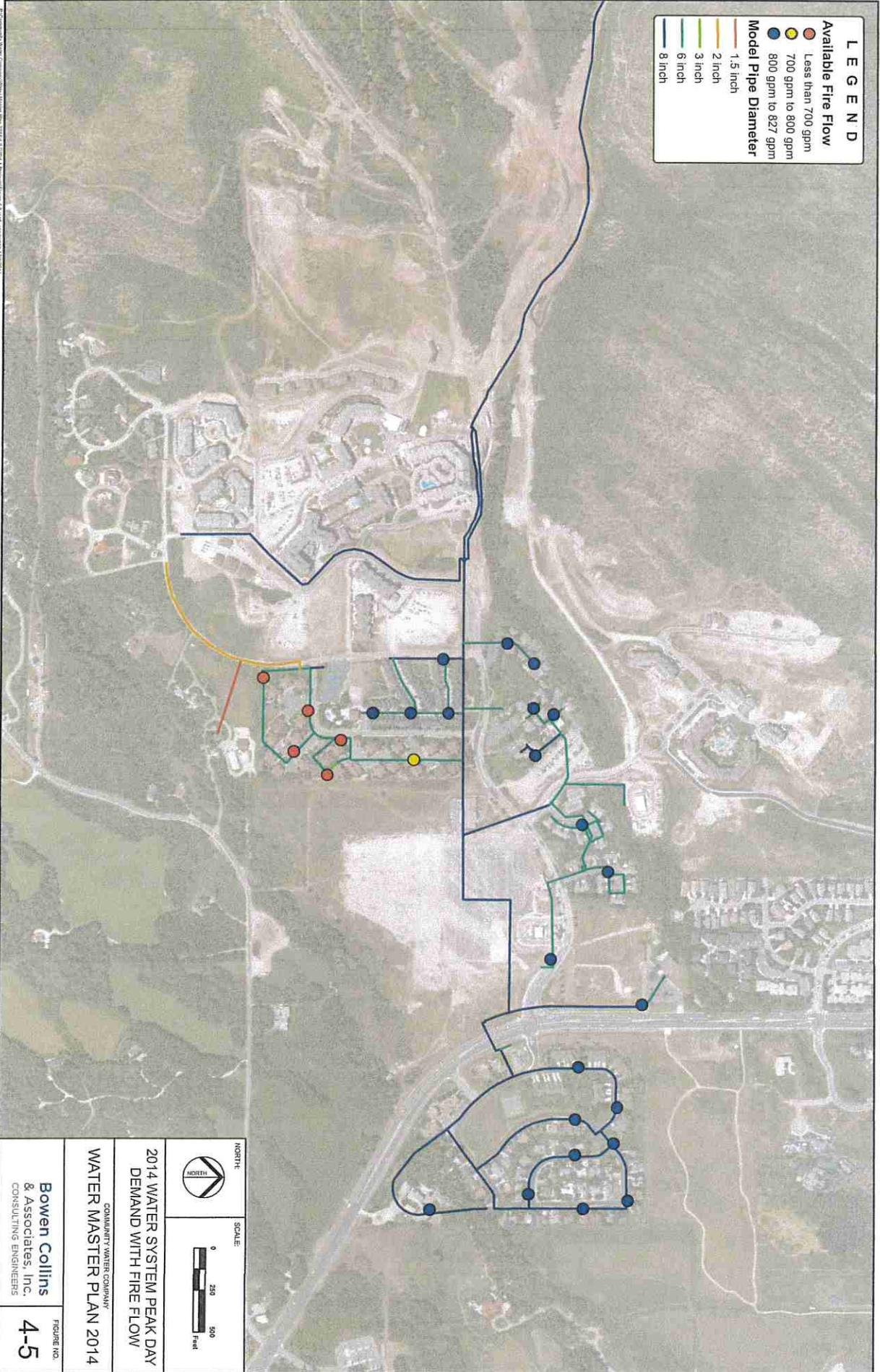
Waterlines	
Size	Color
0.75	Light Blue
1	Blue
1.5	Light Green
2	Green
3	Yellow-Green
4	Yellow
6	Orange
8	Red

Pressure Zones	
Zone	Color
1	Light Blue
2	Blue
3	Light Green
4	Green
5	Yellow-Green
6	Yellow



 NORTH	SCALE  0 250 500 Feet
2014 WATER SYSTEM SERVICE AREA	
COMMUNITY WATER COMPANY WATER MASTER PLAN 2014	
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Project: Community Water Company Master Plan 2014 - SWDC & CWC Interconnect - SWDC to CWC - 11/2013



LEGEND

Available Fire Flow

- Less than 700 gpm
- 700 gpm to 800 gpm
- 800 gpm to 827 gpm

Model Pipe Diameter

- 1.5 inch
- 2 inch
- 3 inch
- 6 inch
- 8 inch

2014 WATER SYSTEM PEAK DAY DEMAND WITH FIRE FLOW

COMMUNITY WATER COMPANY
WATER MASTER PLAN 2014

North

SCALE

0 250 500
 Feet

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FIGURE NO. **4-5**