

River Heights City

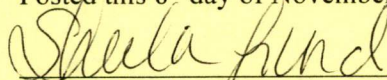
COUNCIL MEETING AGENDA

Tuesday, November 14, 2017

Notice is hereby given that the River Heights City Council will hold its regular council meeting beginning at 6:30 p.m. in the River Heights City Office Building at 520 S 500 E.

- 6:30 p.m. Opening Remarks (Wright) and Pledge of Allegiance (Smith)
- 6:35 p.m. Adoption of Previous Minutes and Agenda
Pay Bills
Finance Director Report
Purchase Requisitions
Public Works Report
Administrative Report
Public Comment
- 6:45 p.m. 2017 Municipal Election Canvass
- 6:55 p.m. Acceptance of the River Heights City Water Conservation Plan
- 7:05 p.m. Mayor and Council Reports
- 7:15 p.m. Adjourn

Posted this 8th day of November 2017



Sheila Lind, Recorder

In compliance with the American Disabilities Act, individuals needing special accommodations (including auxiliary communicative aids and services) during this meeting should notify Sheila Lind, (435) 770-2061 at least 24 hours before the meeting.

River Heights City

Council Meeting

November 14, 2017

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8 Present: Mayor James Brackner
9 Council members: Doug Clausen
10 Robert "K" Scott
11 Geoff Smith
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13 Recorder Sheila Lind
14 Public Works Director Clayton Nelson
15 Finance Director Clifford Grover
16 Treasurer Wendy Wilker
17
18 Excused Councilmembers: Blake Wright
19 Dixie Wilson
20
21 Others Present: Gayle Brackner, Dennis Rhoton, Rod and Lisa Ellis,
22 Randy Thunell, Steve Bilbao

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25 The following motions were made during the meeting:
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27 Motion #1

28 Councilmember Clausen moved to "adopt the minutes of the October 24, 2017 Council
29 Meeting and the evening's agenda." Councilmember Scott seconded the motion, which passed with
30 Clausen, Scott and Smith in favor. Wilson and Wright were absent. No one opposed.
31

32 Motion #2

33 Councilmember Clausen moved to "pay the bills as listed." Councilmember Scott seconded the
34 motion, which passed with Clausen, Scott and Smith in favor. Wilson and Wright were absent. No
35 one opposed.
36

37 Motion #3

38 Councilmember Clausen moved to "accept the Water Conservation Plan Update, dated October
39 2017." Councilmember Scott seconded the motion, which carried with Clausen, Scott and Smith in
40 favor. Wilson and Wright were absent. No one opposed.
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Proceedings of the Meeting:

The River Heights City Council met at 6:30 p.m. in the Ervin R. Crosbie Council Chambers in the River Heights City Building on Tuesday, November 14, 2017. Mayor Brackner opened the meeting with a thought. Councilmember Smith led the group in the Pledge of Allegiance.

Adoption of Previous Minutes and Agenda: Minutes of the October 24, 2017 Council Meeting, were reviewed.

Councilmember Clausen moved to “adopt the minutes of the October 24, 2017 Council Meeting and the evening’s agenda.” Councilmember Scott seconded the motion, which passed with Clausen, Scott and Smith in favor. Wilson and Wright were absent. No one opposed.

Pay Bills: The bills were presented and discussed. Clarification was given on the bill from Holbrook Asphalt, which was for seal coat on the roads, done in July. Dan Hogan will be billed \$9,951.98 for the Saddlerock portion.

Councilmember Clausen moved to “pay the bills as listed.” Councilmember Scott seconded the motion, which passed with Clausen, Scott and Smith in favor. Wilson and Wright were absent. No one opposed.

Finance Director Report: FD Grover explained the reasons he changed the Financial Summary handed out at the meeting. He needs to capitalize projects, including engineering fees that accompany them. He will provide a list of account numbers so the Council can determine which project the engineering bills should be connected with. This situation mainly occurs with roads.

Purchase Requisition: There was none.

Public Works Report and Discussion: PWD Nelson reported, they have been getting ready for winter. The park restrooms are closed. The plows are both ready to push snow.

Administrative Report: Recorder Lind asked when they would like to hold the swearing in for new officers since Councilmember Clausen is unable to attend the January 9th meeting. Ms. Lind stated the options are December 12, Jan 2, or the 9th, without Mr. Clausen, who would come in later on his own to be sworn in. It was decided that Ms. Lind will check with the other new officers to see what works for them.

FD Grover informed, the audit report is scheduled for November 28th.

Public Comment: Lisa Ellis submitted copies of two petitions: One was a petition to reject the Ironwood Subdivision with its current plan of building town homes, which included 325 signatures. The second was a petition asking the City to zone all newly annexed acreage as R-15, which included 266 signatures. She expressed gratitude to Mayor Brackner for preparing the financial analysis for the funds the City would recoup from the Ironwood Development. Ms. Ellis handed out an analysis Randy Thunell did, by figuring on only single-family lots. The bottom line is a difference of \$147,000 more in property tax, over a 10 year period, for larger lots. Mayor Brackner reminded this property is not in River Heights. Ms. Ellis said they are aware of this, but just wanted to get the information to the Council. Mayor Brackner wasn’t interested in going into depth with the topic. Ms. Ellis just wanted to show that R-1-15 lots can bring in just as much money as townhomes.

Dennis Rhoton handed out a letter from a bunch of women who could not attend the meeting. His wife, Dianne, wanted him to ask if the City has talked to the Church about their property. Mayor Brackner answered the developer is communicating with the Church. Mr. Rhoton asked about the legal problems he has heard Ironwood is having in Salt Lake. Mayor Brackner was not aware of this. Mr. Rhoton informed that the Riverdale residents are working on a letter to the City about their desires for the road. They will get it to the mayor soon. Mayor Brackner said they will look over and consider the comments turned in.

2017 Municipal Election Canvass: Recorder Lind reviewed the election results:

Mayor: Todd Rasmussen had 296 votes, Robert Gines had 110. Council: Douglas Clausen had 236 votes, Elaine Thatcher had 222, Chris Milbank had 177, and Shellie Giddings had 142. There were 1053 registered voters, 408 ballots were counted and 5 ballots were rejected.

Acceptance of the River Heights City Water Conservation Plan: PWD Nelson explained the Plan is a requirement by the State and needs to be updated every five years. If the City ever wanted to get State funding, they would want to see the information in the Plan. He found the information very interesting while going through it. Some of the graphs show how citizen's water usage dropped significantly in 2012 when the City installed new meters. Because the City was able to read the meters monthly, it increased the City's revenue a bit, and encouraged conservation. The meter reading system also detects water leaks. Citizens are informed right away when they have a leak. In the near future, the Ironwood Development could push the City into using its secondary water source in the parks, in a pressurized system. Even without the Development, the City may want to look into this. River Heights residents have a lower than average water usage in the state of Utah. Councilmember Smith explained Cache Valley is in a closed basin system, which means the water we use stays in our system, rather than going down south.

Councilmember Clausen moved to "accept the Water Conservation Plan Update, dated October 2017." Councilmember Scott seconded the motion, which carried with Clausen, Scott and Smith in favor. Wilson and Wright were absent. No one opposed.

Mayor and Council Reports: Councilmember Clausen proposed the idea that starting in January, for one year (which could be renewed), the City hire current Mayor Brackner as an assistant financial advisor for \$200/month to help prioritize capital projects, work with the budget and continue to serve on the sewer rate setting committee (which Councilmember Clausen would start attending). He checked with FD Grover, who didn't have any objections. He asked for this discussion to be on the next agenda. Councilmember Smith added he could also help the new mayor slip into his new job.

Mayor Brackner informed that Quentin Gardner has four radios available and has proposed giving them to the City. Recorder Lind and PWD Nelson don't feel they are necessary because they use their cell phones. He suggested putting one in each truck and one in the office. Councilmember Smith questioned the condition of the radios. PWD Nelson said they are like CB radios. Mr. Nelson feels they would only get used if there were some type of emergency.

Councilmember Clausen said it appears that the LDS Church is putting emphasis on emergency preparedness and suggested Councilmember Scott interface with the Church. Mr. Scott will contact Nathan Petersen to see how to do this. Councilmember Smith suggested the City purchase a water purification system. Mr. Clausen asked for this discussion to be on the next agenda.

Councilmember Smith reminded everyone to add the Tree Lighting Ceremony to their calendars. It will be held on November 27 at 6:00 p.m.

Mayor Brackner reported discussing the General Plan with Councilmember Wright. They feel it would be wise to look at it before entertaining an annexation from Ironwood. He, PWD Nelson and City Attorney Jenkins visited with Providence staff to find out how they felt about a development on this piece, which is next to their border. They would like to require the developer to put up money for the bridge, which would tie into their development. They didn't seem overanxious to annex it into their city. They are interested in working with River Heights so that neither city is overwhelmed by it. Councilmember Clausen asked if they could get a rough estimate on how much a bridge would cost. Providence is looking into this. Providence asked, if its annexed to River Heights, could the road be built to Providence standards, since they will end up with it. It was suggested that the development not get started until the full Spring Creek Parkway Road has been installed. It was noted that the property

139 owner to the south of the Chugg property is not anxious to put his half of the road in. They will meet
140 with Providence again now that the election is over.

141 Recorder Lind informed that Ironwood had submitted an annexation petition today.
142 Councilmember Clausen reminded that the General Plan process can be quite time consuming. Mayor
143 Brackner said when the General Plan review is done they will examine the annexation to determine if
144 River Heights wants it.

145 Steve Bilbao asked for clarification on who would pay for Spring Creek Parkway. Mayor
146 Brackner said Providence wants the developer to contribute. River Heights won't be paying for it. Mr.
147 Bilbao also asked about the process of redoing the General Plan and zoning. He commented on the
148 radios available to the City and suggested the City get them, if they are in good shape. Cell power will
149 go down in an emergency.

150 Councilmember Clausen suggested a discussion about purchasing radios at the next meeting.

151 Randy Thunell said a number of years ago the arts council put together a number of old photos
152 of River Heights. He'd like to see them redisplayed again. Mayor Brackner said they will look into it.

153 The meeting adjourned at 7:30 p.m.

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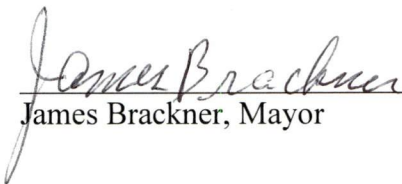
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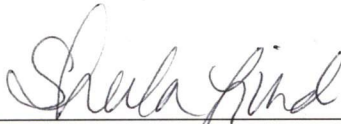
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James Brackner, Mayor


Sheila Lind, Recorder

River Heights City Bills To Be Paid

November 14, 2017

	Payee	Description	Admin.	P&Z	Parks/Rec	Pub. Safety	Com. Aff.	Roads	Water	Sewer	Total
1	Al's Trophies & Frames, Inc.	Royalty Photo Frame					\$67.49				\$67.49
2	American General Life Insurance	Life Policy on Clayten			\$170.75			\$170.75	\$170.75	\$170.75	\$683.00
3	AT&T Wireless	City Owned Cell Phones	\$95.95						\$95.94	\$95.94	\$287.83
4	Bear River Health Dept.	Water Coliform Testing							\$60.00		\$60.00
5	Cache Valley Publishing	P&Z Notice & Election Notice	\$30.86	\$41.71							\$72.57
6	Caselle	Monthly Service Fee	\$91.69						\$91.66	\$91.65	\$275.00
7	Chevron & Texaco	Fuel for City Vehicles			\$51.14			\$51.16	\$51.16	\$51.16	\$204.62
8	Daines & Jenkins	Legal Fees	\$280.00	\$340.00							\$620.00
9	Forsgren & Associates	Ridge View, Storm Insp, 600 E, General,	\$1,681.25	\$231.25				\$140.00	\$100.00		\$2,152.50
10	Freedom Mailing	Bill Processing	\$134.96						\$44.99	\$44.99	\$224.94
11	Heather Lehnig	Election Judge	\$56.00								\$56.00
12	Holbrook Asphalt Co.	City Road Repairs		\$9,951.98				\$39,912.83			\$49,864.81
13	It Works	New Archiving/Scanning Sheila	\$165.00						\$165.00	\$165.00	\$495.00
14	James Brackner	Brag Summit Registration	\$25.00								\$25.00
15	Kristina Barfuss	Election Judge	\$81.00								\$81.00
16	Napa Auto Parts	Antifreeze and Winterization of Equip.			\$18.48			\$18.47	\$18.48	\$18.48	\$73.91
17	Peggy Smith	Election Judge	\$124.00								\$124.00
18	Peterson Plumbing Supply	Lamplighter Water Line Repair							\$3,377.93		\$3,377.93
19	Rocky Mountain Power	Electricity	\$87.18		\$69.81	\$23.50		\$1,145.86	\$1,828.55	\$34.91	\$3,189.81
20	Roto Rooter	Soccer Porta Potty			\$100.00						\$100.00
21	Rupps Trucking	600 East						\$9,683.67			\$9,683.67
22	Rural Water Association of Utah	Training Clayten							\$195.00		\$195.00
23	Sam's Club	Clayten Computer (Capital)			\$114.90			\$114.91	\$229.81	\$229.81	\$689.43
24	Secure Instant Payments	Monthly Service Fee	\$13.24						\$13.23	\$13.23	\$39.70
25	Susan Rasmussen	Election Judge	\$112.00								\$112.00
26	Thomas Petroleum	Fuel for City Vehicles			\$54.13			\$54.13	\$54.13	\$54.13	\$216.52
27	Xerox	Monthly Copier Meter	\$103.03								\$103.03
28											
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39	Specialized Pest Control & Lawn Care	Christmas Tree Lighting Pre-pay (approved)					\$1,088.87				\$1,088.87
40	Foxridge Development	Utility Retainage Released							\$801.09		\$801.09
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45											
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Page 1 SubTotals			\$3,081.16	\$10,564.94	\$579.21	\$23.50	\$1,156.36	\$51,291.78	\$7,297.72	\$970.05	\$74,964.72

Page 1 Total Amount to be Paid \$74,964.72

River Heights City
 Financial Summary
 November 14, 2017

Cash Balance By Fund

	10/31/17	11/14/17	Net Change	% of Total
General Fund	315,684.12	325,935.11	10,250.99	23.99%
Capital Projects Fund	(88,321.42)	(88,321.42)	-	-6.50%
Water Fund	293,459.41	316,544.72	23,085.31	23.30%
Sewer Fund	785,891.40	804,444.81	18,553.41	59.21%
Total Cash Balance	1,306,713.51	1,358,603.22	51,889.71	100.00%

		YTD Actual	Annual Budget	Unexpended Budget	% Of Budget Incurred	% Of Time Incurred
General Fund						
Revenue		261,280.38	767,990.00	506,709.62	34.02%	37.53%
Expenditures						
	Administrative	28,971.74	160,120.00	131,148.26	18.09%	37.53%
	Office	5,237.53	14,975.00	9,737.47	34.98%	37.53%
	Community Affairs	8,031.95	22,600.00	14,568.05	35.54%	37.53%
	Planning & Zoning	306.81	7,100.00	6,793.19	4.32%	37.53%
	Public Safety	10,979.25	99,460.00	88,480.75	11.04%	37.53%
	Roads	21,553.24	104,150.00	82,596.76	20.69%	37.53%
	Parks & Recreation	25,987.70	80,846.00	54,858.30	32.14%	37.53%
	Sanitation	47,734.44	144,000.00	96,265.56	33.15%	37.53%
	Transfer To CP Fund	-	100,000.00	100,000.00		
Total Expenditures		148,802.66	733,251.00	584,448.34	20.29%	37.53%
Net Revenue Over Expenditures		112,477.72	34,739.00	(77,738.72)		
Capital Projects Fund						
Revenue		287.20	50.00	(237.20)		37.53%
Transfer From General Fund		-	375,000.00	375,000.00		
Expenditures						
	Administrative	4,900.00	35,000.00	30,100.00		37.53%
	Parks & Recreation	-	-	-		37.53%
	Roads	6,024.75	420,000.00	413,975.25		37.53%
	Electricity	-	4,162.74	4,162.74		37.53%
Total Expenditures		10,924.75	459,162.74	448,237.99		37.53%
Net Revenue Over Expenditures		(10,637.55)	(84,112.74)	(73,475.19)		
Water Fund						
Revenue		191,367.41	332,480.00	141,112.59	57.56%	37.53%
Expenditures		74,300.65	241,305.00	167,004.35	30.79%	37.53%
Net Revenue Over Expenditures		117,066.76	91,175.00	(25,891.76)		
Sewer Fund						
Revenue		116,226.37	231,300.00	115,073.63	50.25%	37.53%
Expenditures		94,179.01	259,411.00	165,231.99	36.30%	37.53%
Net Revenue Over Expenditures		22,047.36	(28,111.00)	(50,158.36)		

Presented to the Council by Lisa Ellis

CHUGG PROPERTY-IRONWOOD CONSTRUCTION (VISIONARY HOMES) DEVELOPMENT						
WHAT-IF ANALYSIS—AS OF 25 SEPTEMBER 2017						
Impact & Connection Fees						
	Amount Per Lot	Single Family Lots 108	Mixed Use Lots 206	Mixed Use Lots 193	Mixed Use Lots 174	
Impact fees:						
Parks and Rec	\$ 903	\$ 97,524	\$ 186,018	\$ 174,279	\$ 157,122	
Roadways	\$ 350	\$ 37,800	\$ 72,100	\$ 67,550	\$ 60,900	
Water-1" connection	\$ 2,779	\$ 300,132	\$ 572,474	\$ 536,347	\$ 483,546	
Sewer connection	\$ 2,251	\$ 243,108	\$ 463,706	\$ 434,443	\$ 391,674	
Total Impact Fees	\$ 6,283	\$ 678,564	\$ 1,294,298	\$ 1,212,619	\$ 1,093,242	
Water Connection Fee	\$ 1,500	\$ 162,000	\$ 309,000	\$ 289,500	\$ 261,000	
Sewer Inspection Fee	\$ 1,200	\$ 129,600	\$ 247,200	\$ 231,600	\$ 208,800	
Storm Water Inspection	\$ 100	\$ 10,800	\$ 20,600	\$ 19,300	\$ 17,400	
Total Other Fees	\$ 2,800	\$ 302,400	\$ 576,800	\$ 540,400	\$ 487,200	
Total Impact & Other Fees	\$ 9,083	\$ 980,964	\$ 1,871,098	\$ 1,753,019	\$ 1,580,442	
Property Tax						
Estimated Sales Price:						
Single Family (\$350,000 X 108)		\$ 37,800,000				
Single Family (\$ 315,000 X 47 or 70 or 56)			\$ 14,805,000	\$ 22,050,000	\$ 17,640,000	
Active Adults (\$260,000 X 43 or 38 or 52)			\$ 11,180,000	\$ 9,880,000	\$ 13,520,000	
Town Homes (\$220,000 X 116 or 85 or 66)			\$ 25,520,000	\$ 18,700,000	\$ 14,520,000	
Total Estimated Sales Value		\$ 37,800,000	\$ 51,505,000	\$ 50,630,000	\$ 45,680,000	
Assessed Value at 55%		\$ 20,790,000	\$ 28,327,750	\$ 27,846,500	\$ 25,124,000	
Estimated Annual Property Tax at .1102%		\$ 22,911	\$ 31,217	\$ 30,687	\$ 27,687	
Estimated Cost to be Incurred						
ONE-TIME COST		One-Time	Annual			
Upgrade two wells at \$140,000 each		\$280,000				
New mower for park		\$8,000				
ANNUAL COST						
Additional part-time helper				\$10,000		
Snow removal materials (best guess average)				\$5,000		
Equipment maintenance (best guess average)				\$5,000		
Maintain Splash-Pad (best guess average)				\$5,000		
Totals		\$288,000		\$25,000		

266

As a citizen of River Heights,

I, the undersigned, petition the city to **ZONE** all newly annexed acreage

into our city as an **R-15 minimum, (1 1/3 Acre)**

preserving and protecting the single family home and lifestyle it brings with it.

(We are open to possible ordinance allowing a small % for Senior Citizen housing)

Ruth Ralison

Suz Wright

Kyle Webb

Dorothy Gillenwater

John Old

Jordan Medles

Erin Brand

h a

Darren Anderson

Lexine R Berry

Sharon Johnson

Catherine Thum

Randal K. Thum

Jami Gillenwater

Rush Lindsey

Sally Hunsaker

Ray Hunsaker

Mick Perkins

Jennifer Perkins

Robert Foster

Jany Bunson

Melinda Lundberg

Lee J. Gillenwater/dg

JoAnn Barber

Craig Barber

Arnette Smith

Katelyn Anderson

John Bell

David Jounson

AK

Norma Townsend

Donette Southard

Al Southard

Wendy Link

W. Dale C. Nielson

Bob N

Beggy Stott

CS

Burt R

Tyler Pato

Suzanne Hendriks

Susan Hendriks

266
Total

266

42

As a citizen of River Heights,
I, the undersigned, petition the city to ZONE all newly annexed acreage
into our city as an R-15 minimum,
preserving and protecting the single family home and lifestyle it brings with it.

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[Handwritten signature]

Dr. Dean Samuels

Georgia Samuels

Upside

4

As a citizen of River Heights,
I, the undersigned, petition the city to ZONE all newly annexed acreage
into our city as an R-15 minimum,
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Shirley Morse

David Morse

Vader Curran

Paul Sumrell

~~John~~

Steven McPaul

~~John~~

James Lindley

Greg Green

Alan

Collen M Haws

Judy Gardner

~~John~~

John B. Howard

~~John~~

Jennie Ostermiller

~~John~~

Toni Frantz

Anneth Egason

Janell Green

Gordon Perry

Anna Herring

Kathryn Bunson

Elet Busch

Julia Burton

Scott Gynen

Alma Sumrell

Deane Swartz

Garth D Swartz

John Eley

Lisa Dixon

Randy Graham

Mary Graham

Bill Graham

34

**As a citizen of River Heights,
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Hayle
Andy Guss
Doug Eyring
Steve

4

As a citizen of River Heights,
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Bessie W. [unclear]
Roy [unclear]
Darlene Woodhead
Dane [unclear]
Suzanne [unclear]
[unclear]
[unclear]
Lore [unclear]
Dorrie Barnes
Rick [unclear]
Angela M. Martine
Lynn [unclear]
Chris Jensen
ARLEN DAHL
Luseno Wahle
Kathrinne Sorenson
Cathy Sorenson
Susan Rasmussen
Elizabeth Bruce
Cody [unclear]
Huell [unclear]
Cynthia Olsen

22
//

2nd Petition so
not have to go through
all this again.
☺

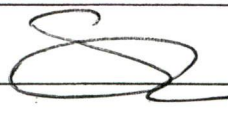
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(We are open to possible ordinance allowing a small % for Senior Citizen housing)

Paul Johnson

Muel Bluh

Kate Black





Kyle

Cathy Engle

Bonnie Chan

Caron Fappz

Don H. Walker

Nicole Talb

11

As a citizen of River Heights,
I, the undersigned, petition the city to ZONE all newly annexed acreage
into our city as an R-15 minimum,
preserving and protecting the single family home and lifestyle it brings with it.
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Cathy Bush
Diane N. Mahoney
Kirsti Ford
Cindy Rickson
M. Rickson
Tom W
Tonya Spenderga
Jason S. Henderson
Scott Henderson
Neil H. Cooley
Molly M. Cooley
A. S. Durbin
Reed C. Durbin

high percentage should
be R 15 and higher

13

**As a citizen of River Heights,
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(We are open to possible ordinance allowing a small % for Senior Citizen housing)**

Alicia Price

ERICA ZOLLINGER

BROOK HLEM

Jeff Hoggan

Shari Hoggan

5
||

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(We are open to possible ordinance allowing a small % for Senior Citizen housing)

Jefferson (10% of 1/3 acre)

Kristi Howell

Christi Howell

Carrie Dils

Craig Dils

Desiree Sandgren

Bramon Johnson

Lyndi Duss

Bob Duss

Roxanne Bilbao

Steve Bilbao

Kris Gagnon

Courtney Nguyen

Jan Han

Amy Han

Lee Ringle

Jay Ringle

Loey Ringle

Jefferson
Jefferson

21

As a citizen of River Heights,

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preserving and protecting the single family home and lifestyle it brings with it.

(We are open to possible ordinance allowing a small % for Senior Citizen housing)

Steph B. Keller

Carolyn L Keller

+ *Ethan KEOBEB*

3
//

As a citizen of River Heights,

I, the undersigned, petition the city to ZONE all newly annexed acreage into our city as an R-15 minimum, ^{(1/3 acre}

preserving and protecting the single family home and lifestyle it brings with it.

(We are open to possible ordinance allowing a small % for Senior Citizen housing)

Amy Smith
Dan Smith

Stephanie Swan

Wade S

Ken

Blin Fujimori

Walter

Jani Hagan

Carol Harris

Frank O. Harris

Casey Gray

Eloise Gray

(13) Lisa Andrews

As a citizen of River Heights,
I, the undersigned, petition the city to ZONE all newly annexed acreage
into our city as an R-15 minimum,
preserving and protecting the single family home and lifestyle it brings with it.
(We are open to possible ordinance allowing a small % for Senior Citizen housing)

~~Bessie H. [unclear]~~
~~Ray [unclear]~~
~~Barbara Woodhead~~
Jeannine Christensen
Ronald Christensen
Boyd Hunsicker
Joan Humphrey
Janet Mathews
T. Tyler Mathews
Micah Mathews
Margaret Mathews
Eliza R. Mathews
Widsole R. Mathews
Dianne W. Rhoton
Loraine Rhoton
K. [unclear]
Dore Scott
Lorene [unclear]
Dennis Lemon
Melissa Lemon
F. [unclear]
J. [unclear]
J. [unclear]

Diane Poulson
Opua Rhodes
Lindsey [unclear]
K. [unclear]
Cynthia Montoya
L. [unclear]
L. [unclear]

As a citizen of River Heights,
I, the undersigned, petition the city to ZONE all newly annexed acreage
into our city as an R-15 minimum,
preserving and protecting the single family home and lifestyle it brings with it.
(We are open to possible ordinance allowing a small % for Senior Citizen housing)

Kathryn M. Parnell

Spur Mart

Feri Peery

Wanda [unclear]

Marie L. Blauer

James [unclear]

Kennette Nielsen

Harold A. Binding

[unclear]

[unclear]

Michelle Beardsley

Kevin [unclear]

Mara [unclear]

[unclear]

John [unclear]

Michelle [unclear]

[unclear]

[unclear]

Alexandra [unclear]

Barbara J. Gendrup

Jamie [unclear]

[unclear]

[unclear]

[unclear]

As a citizen of River Heights,
I, the undersigned, petition the city to ZONE all newly annexed acreage
into our city as an R-15 minimum,
preserving and protecting the single family home and lifestyle it brings with it.
(We are open to possible ordinance allowing a small % for Senior Citizen housing)

[Signature] Richard S. Johnson
[Signature] Karen Johnson
[Signature]
[Signature]
[Signature]
Tina Adams
[Signature]
Lance Robins

[Signature]
Andrew Abate
[Signature]
Unari B...
[Signature]
[Signature]
Gina...
[Signature]
[Signature]
[Signature]
Rose Gittis
[Signature]
TERESA C. BINGHAM
[Signature]
Sam...
Nick Smith

[Signature]
Melinda Gumpson
[Signature]
Leather Eames
Denise Johnson
[Signature]
[Signature]
Emily D. Peterson
[Signature]
[Signature]
Kelli...
TC...
Carol Rich

As a citizen of River Heights,

I, the undersigned, petition the city to ZONE all newly annexed acreage

into our city as an R-15 minimum,

preserving and protecting the single family home and lifestyle it brings with it.

(We are open to possible ordinance allowing a small % for Senior Citizen housing)

Ray G. Minkler

Ruthann Nelson

Marsha Kraus

Robert Skum

[Handwritten signature]

6

McKenzie Nelson

As a citizen of River Heights,
I, the undersigned, petition the city to REJECT the Ironwood Subdivision
with its current plan of building 66 town homes
in the area just south of the River Heights Elementary School.

~~175~~

325 total

325

Bill Richard S. Johnson

Melinda Guymon

Karen Johnson Karen Johnson

[Signature]

Eska [Signature]

Heather Eames

[Signature]

[Signature]

[Signature]

Emily D Peterson

Tana [Signature]

[Signature]

[Signature]

[Signature]

Zane Robins

Kellie [Signature]

[Signature]

Denise Johnson

Andrew [Signature] / Andrew [Signature]

[Signature]

David [Signature]

[Signature]

Maria [Signature]

Carol Rich

Wynne [Signature]

[Signature]

[Signature]

[Signature]

Rae Gitting

36

[Signature]

Teresa Bingham

[Signature]

Sam [Signature]

Nick Smith

[Signature]

(34)

Grand Total 591

As a citizen of River Heights,
I, the undersigned, petition the city to REJECT the Ironwood Subdivision
with its current plan of building 66 town homes
in the area just south of the River Heights Elementary School.

~~Barbara [unclear]~~
~~[unclear]~~
~~[unclear]~~
Jeannine Christensen
Bonda Christensen
Bord Zumpke
Joan Hughes
Janet Mathews
T. Tyler Mathews
Wendee R. Mathews
Micah Mathews
Margaret Mathews
Eliza B. Mathews
Suanne W. Rhoten
~~[unclear]~~
Kelli
Dore Scott
Laene [unclear]
Melissa Lemon
Dennis Lemon
F. F. [unclear]
Jill Jones

Diane Poulson
Lucia Rhodes
Lindsay [unclear]
Hanni [unclear]
Shelli Edge
Cynthia Montoya
Betsy [unclear]
B. J. [unclear] Providence [unclear]

As a citizen of River Heights,
I, the undersigned, petition the city to REJECT the Ironwood Subdivision
with its current plan of building 66 town homes
in the area just south of the River Heights Elementary School.

Kathleen Murdy
~~Mark~~
Diane P. Weese
Mark Weese
Debbie Rees
Chaz
Nicole White
Jeremy White

8

As a citizen of River Heights,
I, the undersigned, petition the city to REJECT the Ironwood Subdivision
with its current plan of building 66 town homes
in the area just south of the River Heights Elementary School.

Guy R. Keller

Carolyn L. Keller

x Ghovan Keenan

3

As a citizen of River Heights,
I, the undersigned, petition the city to REJECT the Ironwood Subdivision
with its current plan of building 56 town homes
in the area just south of the River Heights Elementary School.

Shirley Plaster
Lynne Hill
Kurtis Howell
Chris Howell
Carrie Giles
Craig Dile
Audrey Mann
Chris Mann
Desiree Sandgren
Denny Sandgren
Don
Josh Brom
Bryan Zollinger
Angela Dutt
BDD
Sherry Kooyman
Dale Cooper
Roxanne Bilbao
Steve Bilbao
Kerri Nguyen
Courtney Nguyen
Jack Han
Amy Haskin

Oliver
Brida Green
Lisa Ringle
Jay L
Al O
Casey Orr
Carri Palen
Rory Jackson
Mehul Wethmel
Gina R
Cory Bingham
Joanna Bingham
Tom Peter
Sydney Peter

39

As a citizen of River Heights,
I, the undersigned, petition the city to REJECT the Ironwood Subdivision
with its current plan of building 66 town homes
in the area just south of the River Heights Elementary School.

Lori Weinberger
~~Steve Weinger~~
Julie Cook
~~Julie Cook~~
Amy Betz

~~Lori Weinberger~~
Steve Weinberger
Julie Cook
Doug Clausen
Amy Betz

9

As a citizen of River Heights,
I, the undersigned, petition the city to REJECT the Ironwood Subdivision
with its current plan of building 66 town homes
in the area just south of the River Heights Elementary School.

Kate Black

Mel Black

Joe Luben

Bonnie Ah

Kyle

Casey G. Jones

Paul Jones

[Signature]

Daron Farr

Wesley D. Walker

Nicole Tard

11

As a citizen of River Heights,
I, the undersigned, petition the city to REJECT the Ironwood Subdivision
with its current plan of building 66 town homes
in the area just south of the River Heights Elementary School.

~~[Signature]~~
~~[Signature]~~
~~[Signature]~~
Chris Maltub
Aunt Annie
Janell Royle
Maddy Hall
Linda Johnson
Janette Dabel
L.W. Waymont
R. Lueders
Sarah Dabel
Linda McLean
Richard McLean
Catherine Short
Maie Roberts
[Signature]

Rachel DeLahoz
E. DeLahoz
Melanie M. Domenech Rodriguez
Chris Milboaten
Keith Grant-Davis
Janell Royle
Maddy Hall
Linda Johnson
Janette Dabel
Joseph G. Dabel
Leasha Waymont
RYAN LUEDERS
Sarah Dabel
Linda McLean
Richard McLean
Catherine Short
Maie Roberts

31

As a citizen of River Heights,
I, the undersigned, petition the city to REJECT the Ironwood Subdivision
with its current plan of building 66 town homes
in the area just south of the River Heights Elementary School.

Russell Walcott
Del W. W.

Carlene Woodhead

Dana Lynn

Suzanne Loren

K. Gust

Dave Scott

Gene Gumbach

Dorris Barnes

Richard Lyons

Kim Jensen

A. Jensen

ALLEN DAHLE

Lillian Woller

Katherine Brennan

Cathy Falck

Susan Rasmussen

Elizabeth B. Price

Angela M. Martinez

Cody Kuehn

Heidi W.

Cynthia Olson

22

As a citizen of River Heights,
I, the undersigned, petition the city to REJECT the Ironwood Subdivision
with its current plan of building 66 town homes
in the area just south of the River Heights Elementary School.

~~Doug Smith~~

Amy Smith

~~John Smith~~

Stephanie Swan

Wade J.

Tanner Burt

Kenn

Blair Fujimoto

Wright

~~Janet By~~

Carol DeHarris

Frank O. Harris

Clair Oberay

Joise Oberay

Lisa Andrews

16

As a citizen of River Heights,
I, the undersigned, petition the city to REJECT the Ironwood Subdivision
with its current plan of building 66 town homes
in the area just south of the River Heights Elementary School.

Ruth Ballison
Jolene Bingham
Lynn Bingham (LeGrand Bingham)
Amy Benbow
Elizabeth Wright
The Way
Dorothy Gullenwater
Paul Lullis
Sherry Tullis
Cathy Thumel
Linda K. Thompson
M. A. Hart
Jordan Meides
Erin Brand
H. A.
Darren Anderson
Lorenel R. Berry
Sharon Johnson
Jami Gullenwater
Kirk Hedberg
Jacky Hunscher
Ray Hunscher
Mick Perkins

Jennifer Perkins
Robt Foster
Lamy Brunson
Melinda Lundberg
Sheel Gullenwater/dg
Jodean Barclay
Craig Bailey
Arnette Smith
Kathy Anderson
Tali Pott
Landy Jensen
Norma Dunsen
Donette Southard
Al Southard
Kent Wilby
Dale C. Nielson
Becky Stott
Burl Dyer
Tyler Porter

As a citizen of River Heights,
I, the undersigned, petition the city to REJECT the Ironwood Subdivision
with its current plan of building 66 town homes
in the area just south of the River Heights Elementary School.

LOUISE DIM
Karl Seethaler
Carol Imett
Dale Young
Frank
Bill
W.H. J
Dr. Dean Somers
Lynn Budge

9

As a citizen of River Heights,
I, the undersigned, petition the city to REJECT the Ironwood Subdivision
with its current plan of building 66 town homes
in the area just south of the River Heights Elementary School.

Shirley Morse

David Morse

Debra

Varda Curran

Pat Curran

Patricia Kojan

Gayle Lindley

Alfonse

Alma

Colleen M Haw

Judy Gardner

Janice B. Davis

Jennie Homellen

Toni Bennett

Annette Erason

Opalle Green

London Shroy

Ona Herring

Kathryn Burson

Ellot Bausen

Julia Bunker

Steve Walker

Scott Gunnell

Desiree Gunnell

Deane Sweetie

Keith Swinton

Shirley

Jim Dixon

Randy Jackson

Maize Jackson

RJ Owen

35

**As a citizen of River Heights,
I, the undersigned, petition the city to REJECT the Ironwood Subdivision
with its current plan of building 66 town homes
in the area just south of the River Heights Elementary School.**

Natalie Taylor

Chen Campbell

Dwight Simpson

Steph

4

**As a citizen of River Heights,
I, the undersigned, petition the city to REJECT the Ironwood Subdivision
with its current plan of building 66 town homes
in the area just south of the River Heights Elementary School.**

Alicia Price

Erica Zollinger

Brook Hill

David Rose

Sheri Hoggan

Jeff Hoggan

Ryan Kowles

Kevin Zollinger

Tom Zollinger

[Signature]

11

As a citizen of River Heights,
I, the undersigned, petition the city to REJECT the Ironwood Subdivision
with its current plan of building 66 town homes
in the area just south of the River Heights Elementary School.

Cathy Bush

Diane N. Mermal

Krista Ford

Cindy Rickson

Tom Rickson

Melissa ~~Wright~~

Bob K. K.

John Johnson

Dr. Christine

Jason Henderson

Suzanne Hester

Noel Cooky

Molly M. Cooley

Reed C. Durham

Jay Durham

Scott Henderson

Erin Anderson

To the council members of River Heights City -

From concerned citizens of River Heights, Utah

- Although the developers have not defined this subdivision as high density, we need to consider the nature of our city. We are a SMALL bedroom city and adding this quantity of homes makes a tremendous impact on our community.

Below are listed some long term topics of concern:

- Overpopulated Schools
 - Environment (parks, trails & green space)
 - Water Pollution into Spring Creek, especially with High Water Table
 - Traffic congestion through small roads such as 600 South & 400 East
 - Increased crime (Research has proven crime rates go up with townhomes)
 - Possible UN-registered sex offenders so close to the Elementary School.
 - **Increased city taxes for all River Heights Residents**
- If River Heights AND Providence Cities choose not to annex, the property will remain County zoned. Contrary to the words of Jeff Jackson, Ironwood Development will not be built “no matter what.” (spokesman for the developers at the Thursday meeting October 26, 2017.) We have the power right now to say NO to Ironwood development. Our cities should not be bullied or coerced to build this subdivision.

Please REFUSE annexation to River Heights City

- Ask yourself...how does this subdivision benefit River Heights city?

This subdivision does NOT benefit or contribute positively to our city. It only adds increased population, traffic and complications with infrastructure. Even with the \$1.5 million from the developers for city improvement (impact fees); we need to consider the LONG term cost of this subdivision. We, the concerned citizens, believe that **this subdivision only benefits the developers** – and does NOT benefit our city. As Mayor Brackner stated in the Thursday October 26th meeting, the city will have negative cash flow for the first four years & only “break even” once the homes are all sold & occupied. This development offers little to zero financial benefit for our city.

- **Does our city have enough information to make a *responsible* decision?**
- Do the residents of River Heights have a *formal voice* in the annexation, zoning & final plans of the proposed development?

We are requesting a citizens' formal vote.

Citizen's Petition/Ironwood Development

1 - We, the following residents of River Heights, **petition the city council and planning and zoning commission to reject the proposed Ironwood subdivision** to build 66 townhomes, 52 active adult lots and 56 single family homes on 49 acres.

2 - **We are against zoning ANY townhomes in the area of RH,** including any multidwelling units (MDU) within the boundaries of River Heights.

3 - We feel that adding a possible 174 homes to our small city will not help us retain the agricultural/bedroom community that drew the majority of the citizens to make their homes here.

4 - As stated on the RHC "fact sheet": "*RHC is a quiet residential neighborhood with wonderful water pumped from our own wells.*" **We believe Ironwood, as presently designed, is far too dense** and we request the elected officials to PROTECT the single family homes tradition that makes River Heights such a special place in which to live.

Figures taken from the River Heights City FACT SHEET:

Current RH population is 1,900 residents.

Ironwood's projected residential numbers (approx. 592) would increase the overall population in RH by almost 30% in ONE subdivision.

Current # of homes in RH is 620.

Ironwood's 174 added homes would increase the total number of homes in RH by 28% in ONE subdivision.

Total acreage of RH is 371.

Ironwood would add 49 acres for a total of 420 acres. Ironwood would be just a little over 11.6% of the total acreage of RH.

Conclusion:

Ironwood would have almost **1/3 the total city population**, and **1/3 the total homes** of RH City, but **within ONLY 1/9th of the TOTAL land space** of our quiet city!

Citizen's Petition/RE-ZONING Ordinance

We, the following residents of River Heights, petition the city council and planning and zoning commission to preserve the single home residential tradition of our city by **zoning all newly annexed acreage as SINGLE FAMILY ZONE R-15**. **However, the city will explore creating an ordinance to allow senior citizen housing with higher density PUD, with an allowance of a maximum of 20% of any future annexed acreage for active adult homes, something RH does not currently offer its citizens.

FACT SHEET from Hyde Park, Millville & Providence Cities:

Hyde Park current zoning is for 2 homes per ACRE.

Hyde Park only allows 1/2 acre lots! Ironwood's projected SINGLE family residential lots are 1/5th (R-10) to 1/4th an acre (R-12). We would be more supportive of their development if it included larger lots which many residents have said are severely lacking in our town.

Hyde Park does NOT allow any town home developments in their city.

When I asked why, they replied, "Because we don't want town homes in Hyde Park." They want to preserve the single family home on a large lot throughout their entire city.

Millville City zoning:

Millville is ONLY zoned for R-15, or 1/3 acre lots, due to no sewer lines at this time. They recently had a public meeting where it was expressed that when the sewer does come to Millville, that the city retains an R-15 zoning for all future developments, so the agricultural feel of the city is maintained.

Providence City zoning:

Except for the Brookside Village and the CV Assisted Living areas just south of the RH Stake Center, ALL land in Providence (east of the RH Stake Center road) are zoned R-12, R-15, and estate lots of 1 - 5 acres each. They recently allowed town home developments to be built near Macey's, in their commercial districts. We should expect Providence will NOT approve town homes that far east, and we certainly shouldn't be bullied into accepting Ironwood for fears that Providence might approve them. We feel their citizens will be against the town homes in that area of single family homes, and that is why Ironwood has come to RH first. They also will not want all the traffic of 174 homes filtering through the Brookside Village subdivision, which is full of young children. We have to trust Providence.

Conclusion:

River Heights is made up of a majority of R-8 zoned lots, most of these meeting the state of Utah's "affordable housing" requirements of the city. (From the General Plan: "*The findings of that model indicated there was a sufficient supply of affordable housing for households earning 80% of the median income at the time.*") The RH Zoning Map shows only about 15% R-10 zoned lots, and 12% R-12 (1/4 acre) lots. **HOWEVER, NO R-15 (1/3 acre) zoning exists.** (Most larger lots in RH are actually made of TWO smaller lots.) Many people are moving from RH looking for a larger lot size. We feel that if the city would zone all future annexed lands to an R-15, home building would still increase, as RH is a highly desirable location. RH should be bold like Hyde Park and Millville and **protect our land for single family homes on larger lots of R-15**. We petition RH to **change the zoning** and allow for the **only** lots that we do NOT have now...R-15!

River Heights City Municipal Election Results 2017

Mayor

Todd Rasmussen	296
Robert Gines	110

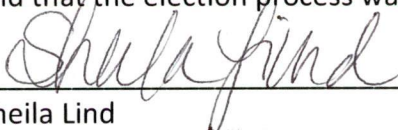
Council

Douglas Clausen	236
Elaine Thatcher	222
Chris Milbank	177
Shellie Giddings	142

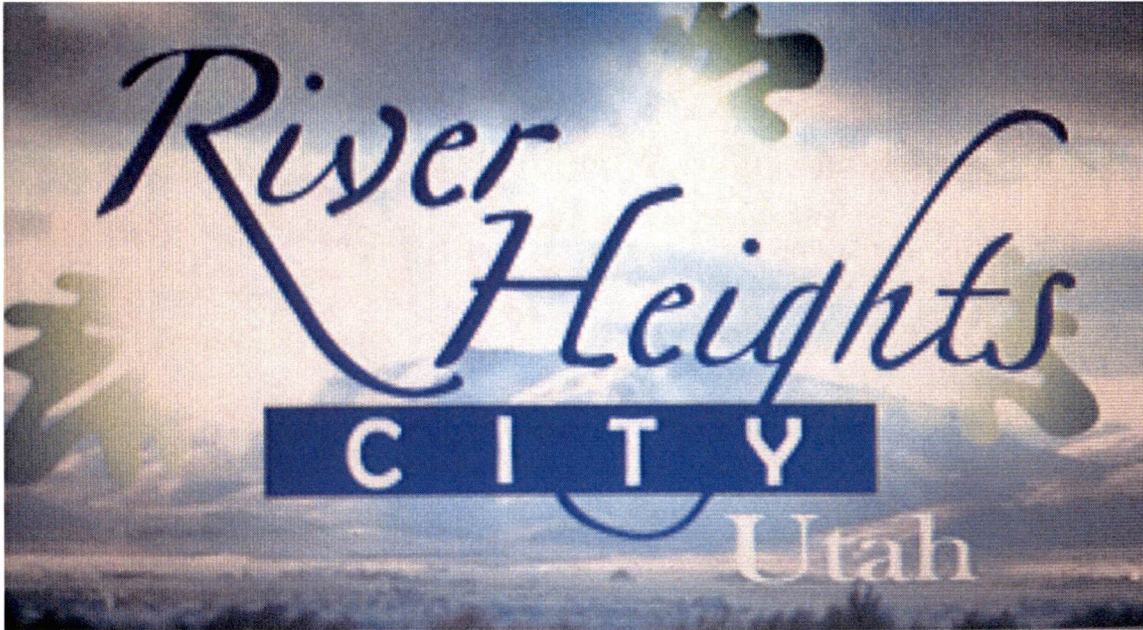
1053	Registered Voters
408	Ballots Counted
5	Ballots Rejected

River Heights has two precincts, which are combined at one polling location.

As the River Heights City Election Official, I certify that the information listed above is accurate and that the election process was followed per the Utah State Code.



Sheila Lind



Water Conservation Plan Update

October 2017

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Water Conservation Contingency Plan	9
Water Education Program	9
Current Pricing Structure	11

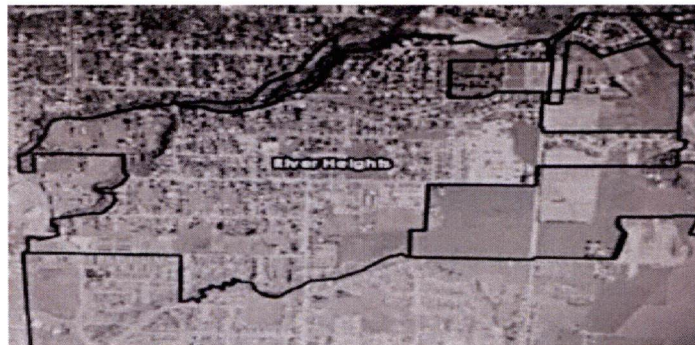
INTRODUCTION

Information for the River Heights City Water Conservation Plan was gathered and compiled by:

Forsgren Associates Inc. 435-227-0333
Public Works Director Clayton Nelson 435-752-2646

In response to the rapid growth occurring throughout Utah, the state legislature passed a Water Conservation Plan Act (House Bill 71) and revised it in the 2004 legislative session (Section 73-10-32 Utah Code Annotated). In response to those bills, River Heights City is reviewing the existing and future supply and capacity of their community water supply system. This water conservation plan summarizes the cities' approach to encouraging water conservation and ensuring an adequate and uninterrupted water supply to River Heights' citizens through the year 2050 at high quality and at reasonable cost.

DESCRIPTION OF RIVER HEIGHTS CITY AND ITS WATER SYSTEM



Located in Cache County, and in the second driest state in the nation, River Heights City's 2016 population was approximately 1,962. Providing water to meet our citizens' needs has always been a top priority of city leaders and planners. A well maintained and efficiently operated water system provides the citizens of River Heights with water when and where needed. Currently, the water system services 704 residential, two commercial and five institutional connections.

The incorporated city contains 419 acres. Of this, 350 are residential, 11 in open space, 11 commercial land, and the rest is irrigated agriculture land. There is county land on two sides which could be annexed. Plans are being considered for 40 additional acres to be annexed into River Heights City. Consequently, future growth will be primarily single family residential units. Residential lot sizes vary from 8000 sq-ft to several acres. There are approximately 155 additional acres that could be annexed into River Heights.

River Heights is presently undergoing a steady increase in growth which is still substantially lower than that of many communities in Cache Valley. Recent

improvements to the water system in storage and transmission have enabled the City to adequately meet the increased needs associated with growth in the community.

WATER SUPPLY INVENTORY

All culinary water comes from three deep wells located within the city limits. Under current water rights (Priority dates Sept. and Oct. 1934, Jan. 1964, and Jan. 1980), River Heights City is entitled to withdraw 8.5 cfs from the three wells (General Plan). The City has been typically withdrawing approximately 500-700 acre-feet of water annually from the underlying aquifer. The City has the capability to pump 6.5 cfs (2900 gpm).

The City also owns 28 shares of stock in the Providence Logan Irrigation Company, which is equivalent to about 0.8 cfs. This water has a priority date of 1860. Water provided under these shares historically has been used for irrigation of city-owned parks. The City is presently trying to purchase additional shares. The City understands the importance of the secondary irrigation system as it has been used for over 100 years to sub-irrigate the city by watering its many trees and providing relief to culinary supplies by its secondary use on fields, gardens and lawns.

The water delivery system consists of a piping distribution network connecting the three wells to the City reservoirs and to each individual consumer. The 500,000 and 1,000,000 gallon reservoirs are located north-east of the city and connected to the distribution system with a 14 inch ductile iron pipeline. There is only one pressure zone within the city so pressures vary from about 35 psi to about 125 psi. All customers, except a few houses at high elevation have adequate pressure and water supply.

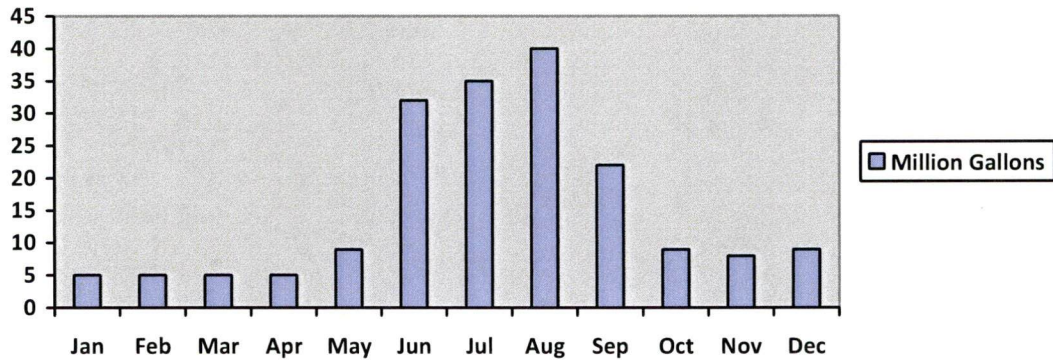
The main pump has a pumping capacity of over 2000 gpm. The other two pumps have capacities of 550 gpm and 3500 gpm, making a total potential pumping capacity of 2,900 gpm.

The current 1,500,000 gallons of storage is adequate for growth in the community at projected growth rates through the year 2050; even without implementing a water conservation plan. However, it is prudent to implement such a plan as growth rates may increase. Also, the future potential for high density housing may affect the water supply system making conservation a prudent choice.

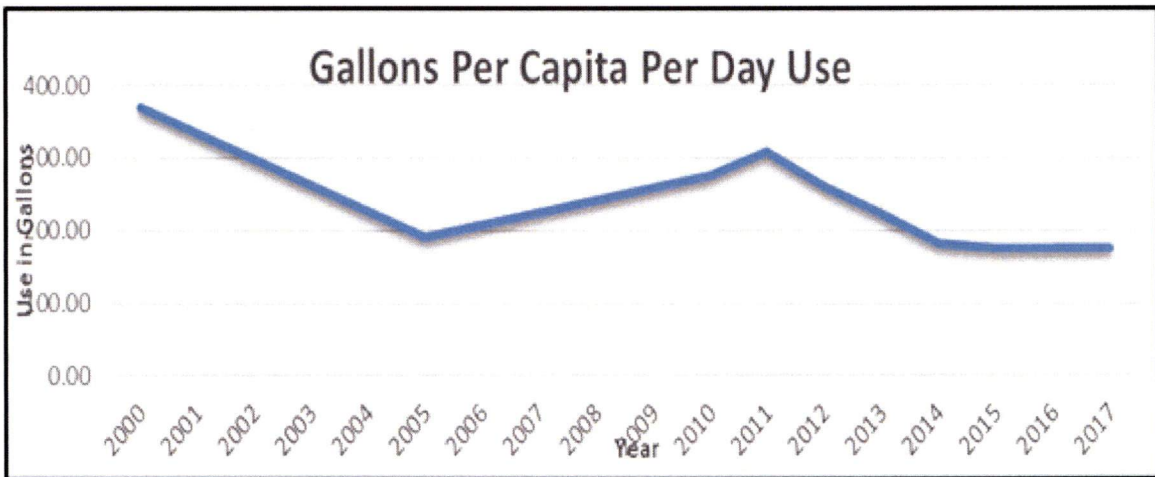
PRESENT WATER USE AND FUTURE WATER NEEDS

Based on the year 2016, River Heights City residents used an average of 182 gallons of culinary grade water, per capita, per day (gpcd). This is compared to the state-wide average of 260 gpcd for treated water and 184 gpcd national. The only treatment required for the ground water is the addition of chlorine at each well. In 2016, the City total water use was 130 million gallons for residential, 8 million gallons for institutional and 1 million gallons for commercial.

2016 Monthly Water Use



The graph above illustrates the total gallons of water distributed per month in 2016. The graph below illustrates how much water was used per person, per day, based on the total annual water used, dating back to the year 2000. Noticeably water use has dropped substantially since the year 2000.

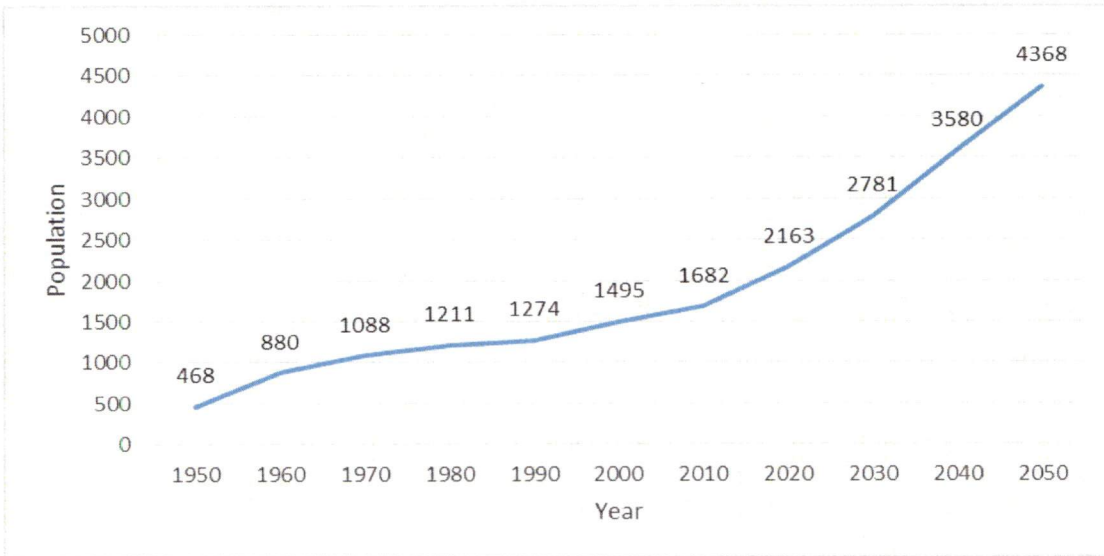


Within the incorporated area there is a secondary irrigation system (open ditches) in part of the City which provides lower quality water for landscaped areas and gardens. Approximately 20% of the water used in these areas are furnished by the secondary system. This water source provides about 70 million gallons per year.

The City has undertaken an aggressive leak detection and repair schedule in which the entire water system is evaluated annually. Leaks are repaired on a priority basis with the largest leaks being repaired first.

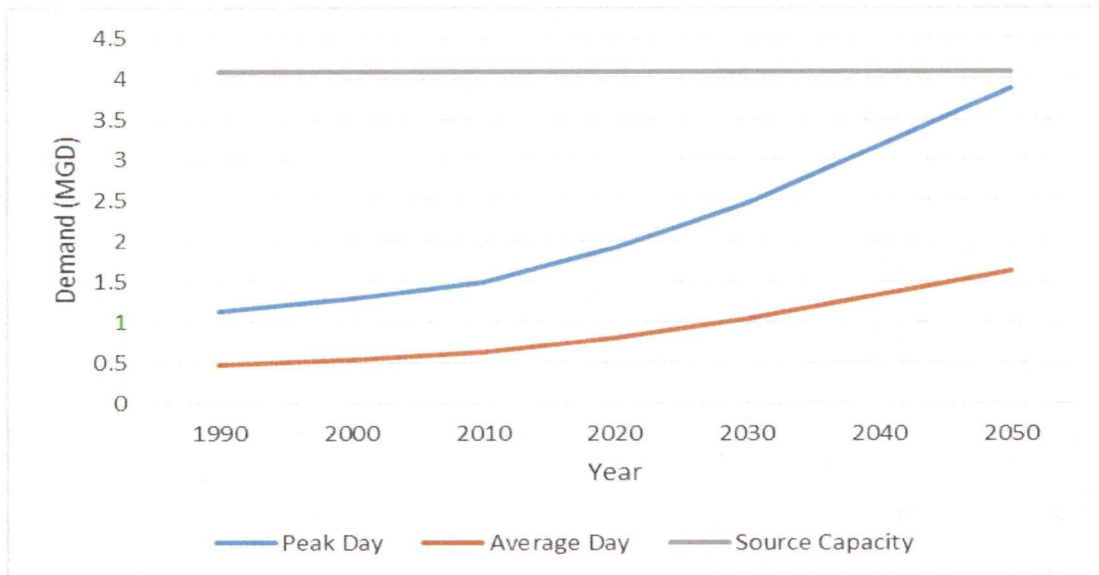
The extent of the City’s expected future population growth through the year 2050 is shown below. It is noted that this is significantly higher than estimated by the state office

of planning and budgets. Many factors influence this projection and the estimates shown may vary substantially from the actual population experienced. Since future growth is difficult to predict, the City has chosen to plan for a higher estimated growth.



Taking into consideration these new developments and projected population growth of River Heights City, the future water needs are expected to increase to over 4.3 million gallons per day by the year 2050. The graph below illustrates these estimated increasing water needs.

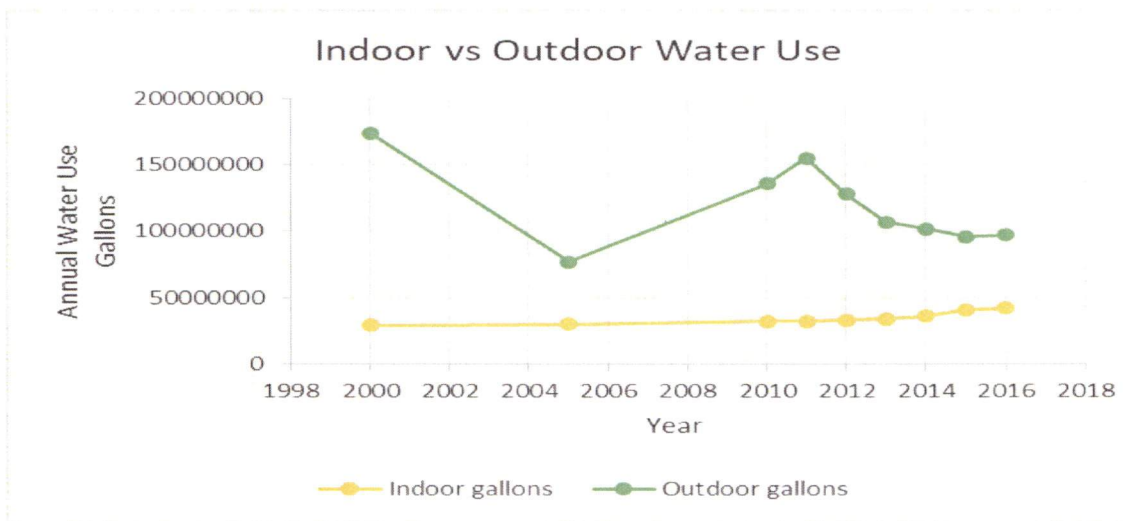
The figure below also shows the existing supply and capacity. Even with a significantly higher growth projection than that used by the state, the city will not have any supply or capacity problems through the year 2050.



WATER PROBLEMS, CONSERVATION MEASURES AND GOALS

The City's water supply is plentiful, good quality and inexpensive with no new supply or capacity needs in the next 35 years. Consequently, there is little motivation to implement a strict water conservation program. Even though there is little need for the citizens of River Heights to conserve, the City is committed to implementing a water conservation plan to prevent waste and protect this precious resource.

As noted by the illustration below, even without a strict conservation plan, since the year 2000, the amount of outdoor water use has dropped substantially. The biggest reason for the decrease in water use comes from installing new meters and being able to read them on a monthly basis.



The River Heights Water Conservation Committee identified and prioritized several problems during the investigative phase of their work.

- *Citizens lack information and understanding of landscaping water requirements and efficient water-use habits and practices:* Few residents know how much water is required to maintain healthy landscaped areas and how to consistently use water efficiently indoors. Most citizens' irrigation and indoor practices are based on convenience rather than plant needs and water supply considerations.
- *River Heights City families have always shown a propensity to plant and care for large areas of grass and other water intensive landscaping.* This irrigation need usually creates a water use peak in July and August. System improvements to pipelines have allowed the supply system to adequately meet the summertime demands on the system.
- *Older, deteriorating, smaller diameter pipes in the distribution system continue to fail, allowing water to leak into the ground.* Water leaks rarely surface due to the

granular soil conditions throughout much of the City. It is important to continue the leak detection monitoring while replacing old and deteriorating pipes as budgets will allow.

- *Many trees and shrubs in the city are high water users.* The City does not have suggested types of trees on an acceptable list.

Aside from high water-use landscaping and older deteriorating smaller diameter pipes, the opportunity exists to solve the above problems through a well-thought-out water pricing program.

Water Conservation Goals

- *Goal #1- Maintain a financially viable water system.* The water pricing system should encourage customers to reduce use without creating a revenue shortfall.
- *Goal #2- Maintain or improve the appearance of street landscapes, open spaces and yards.* Improved irrigation practices and water efficient landscapes can enhance the beauty of the city.
- *Goal #3- Maintain an up to date metering system.* River Heights City will continue to maintain an up to date metering system by replacing ten percent every year after ten years. Having an up to date meter reading system will allow the city to read meters monthly at a low cost to improve conservation through a water rate structure.

Current Conservation Practices

In order to solve the problems identified above and take advantage of the many associated opportunities, specific water conservation measures must be identified and evaluated. River Heights City has already implemented several water conservation measures, along with additional strategies which will effectively solve the City's water problems.

The City's current water conservation program is directed primarily at managing water shortages and providing useful materials to assist residents to use water more efficiently. Current measures include a water conservation contingency plan, water education program for outdoor and indoor water use, and a conservation oriented water rate structure.

Water Conservation Contingency Plan

The City enacted a “Water Conservation Contingency Plan” in April 1994 which was directed primarily at managing water shortages caused by emergency conditions and providing useful material to assist residents to use water more efficiently. It established water use guidelines during drought or other water supply shortages emergencies. The essentials of the plan are as follows:

- Eliminate watering on city property from 10 a.m. to 7 p.m.
- Eliminate watering of city property in cases of severe shortages.
- Notify the public of the water supply situation.
- Establish a voluntary water conservation program by educating the citizens on indoor and outdoor water conservation principles and requesting a reduction in water consumption.
- If the voluntary measures are not sufficient, the city will instigate mandatory public conservation measures. These include:
 1. Eliminate watering of city parks.
 2. Notify all users of the seriousness of the water situation.
 3. Establish outside watering restrictions including watering times and quantities.
 4. Monitor water consumption daily to determine if the conservation program is bringing the needed reduction in water use.
 5. Strictly enforce the policy with fines for non-compliance.

Water Education Program

The following information on efficient outdoor and indoor water will be made available to the citizens on the River Heights website (www.riverheights.org).

Outside Water Use:

- Water landscape only as much as required by the type of landscape, and the specific weather patterns of your area, including cutting back on watering times in the spring and fall. We encourage our customers to utilize the weekly lawn watering guide located at (www.conservewater.utah.gov).
- Do not water on hot, sunny, and/or windy days. You may actually end up doing more harm than good to your landscape, as well as wasting a significant amount of water.
- Group plants in terms of water need, and zone sprinkler systems accordingly.
- Alter parking strips by allowing more water-wise plantings.
- Sweep sidewalks and driveways instead of using the hose to clean them off.
- Wash cars from a bucket of soapy (biodegradable) water and rinse while parked on or near the grass or landscape so all the water running off goes to beneficial use instead of running down the gutter to waste.

- Check for and repair leaks in all pipes, hoses, faucets, couplings, valves, etc. Verify there are no leaks by turning everything off and checking your water meter to see if it is still running. Some underground leaks may not be visible due to draining off into storm drains, ditches, or traveling outside your property.
- Use mulch around trees and shrubs, as well as in your garden to retain as much moisture as possible. Areas with drip systems will use much less water, particularly during hot, dry and windy conditions.
- Keep your lawn well trimmed and all other landscaped areas free of weeds to reduce overall water needs of your yard.

Indoor Water Use:

About two-thirds of the total water used in a household is used in the bathroom. Concentrate on reducing your bathroom use. Following are suggestions for this specific area:

- Do not use toilets as a waste basket. Put all tissues, wrappers, diapers, cigarette butts, etc. in the trash can.
- Check the toilet for leaks. Is the water level too high? Put a few drops of food coloring in the tank. If the bowl water becomes colored without flushing, there is a leak.
- To create a low volume flush toilet, put a plastic bottle full of sand and water to reduce the amount of water used per flush. However, be careful not to over conserve to the point of having to flush twice to make the toilet work. Also, be sure the containers used do not interfere with the flushing mechanism.
- Take short showers with the water turned up only as much as necessary. Turn the shower off while soaping up or shampooing. Install low flow shower heads and/or other flow restriction devices.
- Do not let the water run while shaving or brushing your teeth. Fill the sink or a glass instead.
- When doing laundry, make sure you always wash a full load or adjust the water level appropriately if your machine will do that. Most machines use 40 gallons or more for each load, whether it is two socks or a week's worth of clothes.
- Repair any leak within the household. Even a minor slow drip can waste up to 15 to 20 gallons of water a day.
- Know where the main shutoff valve is and make sure it works. Shutting the water off yourself when a pipe breaks or a leak occurs will not only save water, but also eliminate or minimize damage to your personal property.
- Keep a jar of water in the refrigerator for a cold drink instead of running water from the tap until it gets cold. You are putting several glasses of water down the drain for one cold drink.
- Plug the sink when rinsing vegetables, dishes, or anything else; use only a sink full of water instead of continually running water down the drain.

CURRENT PRICING STRUCTURE

Water Rates				
<u>Single Family Units</u>				
Base Rate		Includes 10,000 gallons		\$29.75
Overage Rates		10,001-30,000 gallons		\$0.75/k
		30,001 + gallons		\$1.00/k
<u>Multi-Family Units</u>				
Base Rate		Includes 10,000 gallons		\$28.00/unit
Overage Rate		Same as single family		
<u>Commercial/2" meter</u>				
Base Rate				\$44.00
Overage Rate		0 + gallons		\$1.00/k

This rate structure is designed to encourage conservation by raising the price of water after 10,000 gallons used and again after 30,000 gallons used for residential users. River Heights City reads meters monthly and are able to charge our higher water users an overage on a monthly basis.