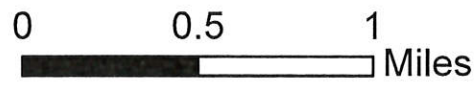
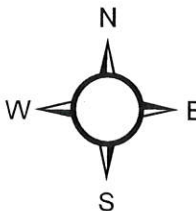
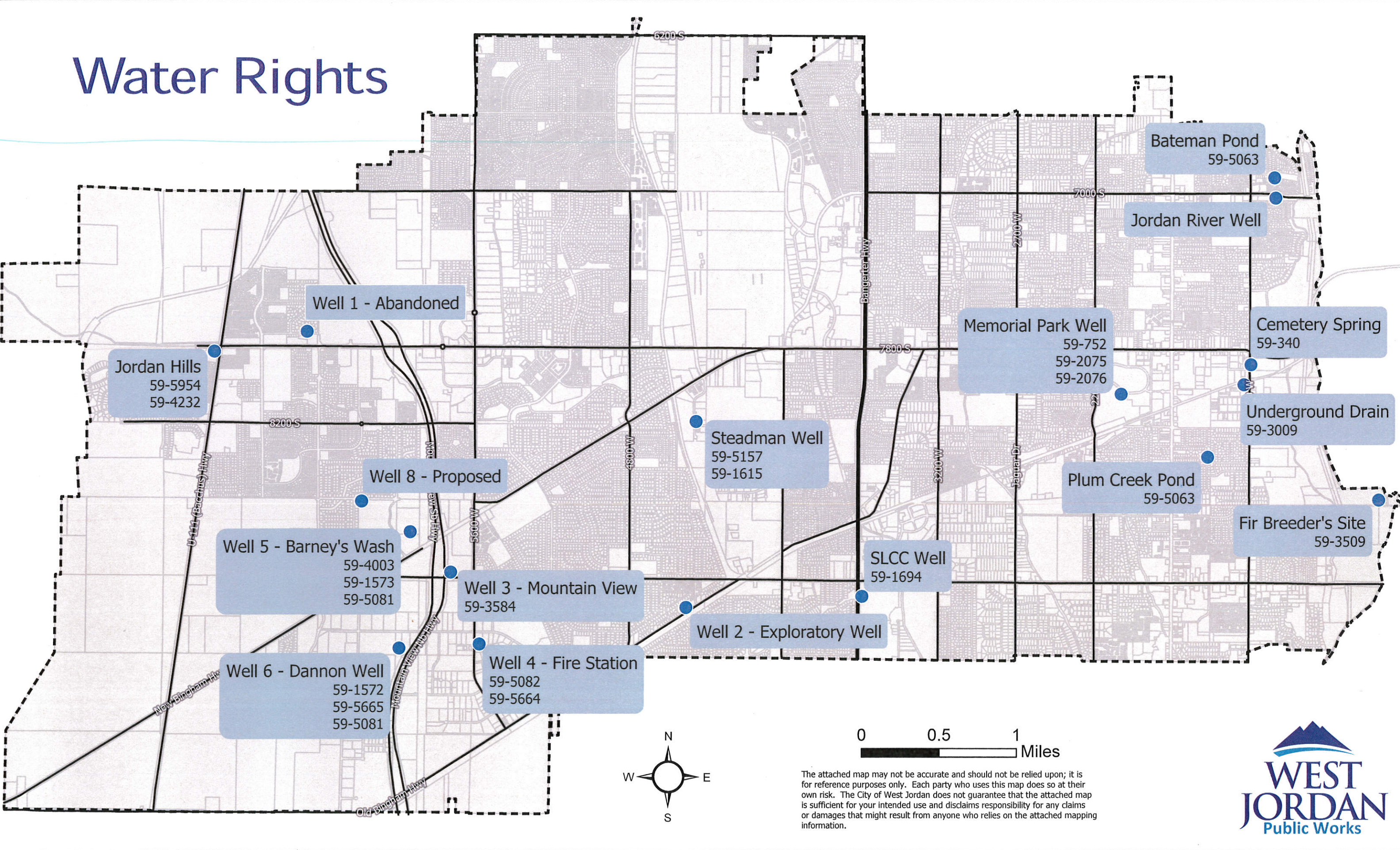


Appendix F Water Rights

Water Rights

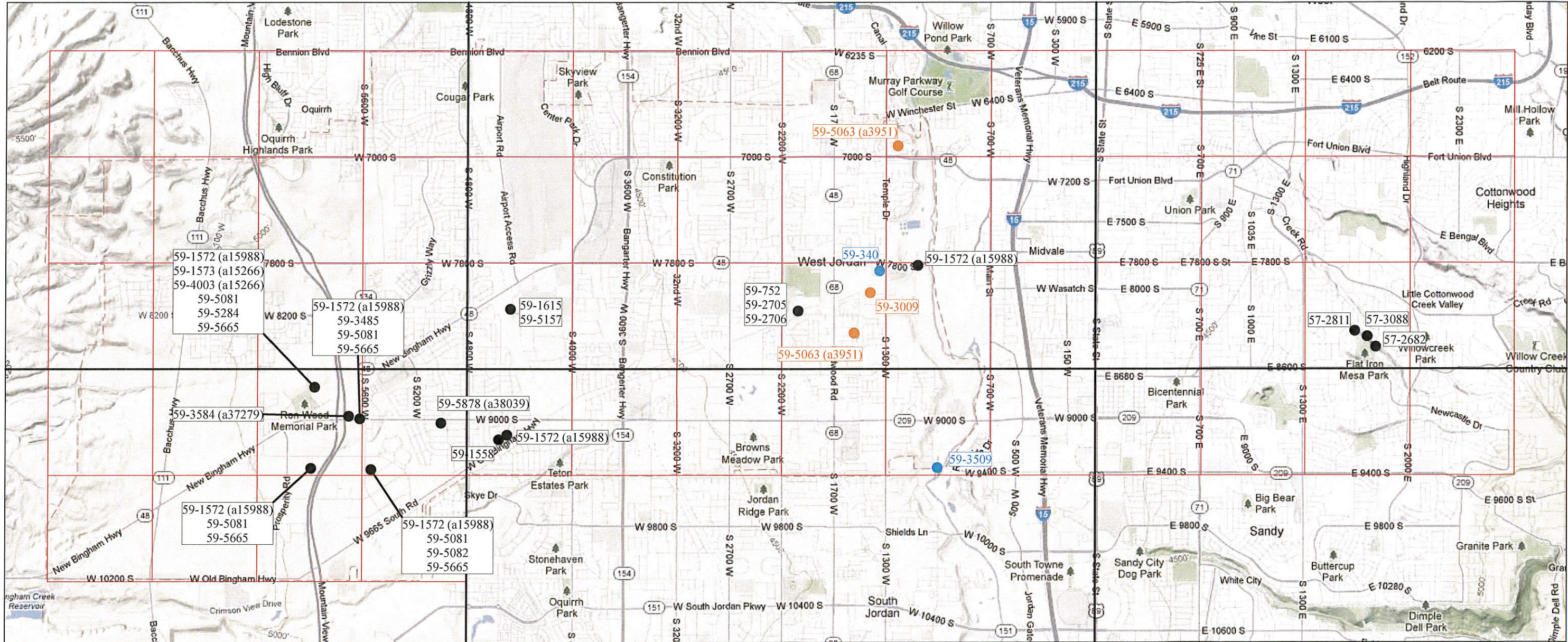


The attached map may not be accurate and should not be relied upon; it is for reference purposes only. Each party who uses this map does so at their own risk. The City of West Jordan does not guarantee that the attached map is sufficient for your intended use and disclaims responsibility for any claims or damages that might result from anyone who relies on the attached mapping information.



Table 5-1 Water Rights of the City of West Jordan

Water Right Number	Status of Right	Change of Application Numbers	Status of Change	Cfs	Ac-ft	Priority Date	Proof Due Date	Source(s)	Uses	Comments
57-2682	Certificated			1		3/30/1956		Well - Proctor	Municipal	
57-2811	Certificated			0.3025		12/7/1945		Well - Proctor	Municipal	
57-3088	Approved			0.8		11/10/1965	1/31/2021	Well - Proctor	Municipal	40 year plan is due on this right on the proof due date
59-340	Certificated			1		11/14/1942		Unnamed Creek	Irrigation - 8.57 acres	Supplemental with 59-3009, used on West Jordan Cemetery
59-752	Certificated			0.278		9/20/1949		Well - Sugar Factory	Industrial - Sugar Factory	Supplemental with 59-2705, 59-2706
59-1558	Certificated			0.015		4/21/1960		Well - Sec 6, T3S, R1W	Irrigation - 0.5 acre	
59-1572	Approved	a15988	Approved	1	337.5	7/14/1960	1/31/2021	7 Wells	Municipal	40 year plan is due on this right on the proof due date
59-1573	Approved	a15266	Approved	1	337.5	7/14/1960	1/31/2021	Well #5	Municipal	40 year plan is due on this right on the proof due date
59-1615	Certificated	a13758	Approved		150	6/7/1961	9/30/2021	Well - Steadman	Municipal	
59-2705	UGWC			0.5		10/00/1933		Well - Sugar Factory	Industrial - Sugar Factory	Supplemental with 59-752, 59-2706
59-2706	UGWC			0.167		00/00/1916		Well - Sugar Factory	Industrial - Sugar Factory	Supplemental with 59-752, 59-2705
59-3009	UGWC			0.011		00/00/1910		Drain	Irrigation - 8.57 acres	Supplemental with 59-340, used on West Jordan Cemetery
59-3509	Decree			5.3	99.5	00/00/1850		Jordan River North Jordan Canal	Irrigation - 19.9 acres	86.05 ac-ft or 17.21 acres owned by City of West Jordan 13.45 ac-ft or 2.69 acres owned by Fur Breeders Ag. Co-Op
59-3584	Certificated	a37279	Approved	2.5		1/29/1969	7/31/2016	Well #3	Municipal	
59-4003	Approved	a15266	Approved	2	1448	12/6/1973	6/30/2024	Well #5	Municipal	The proof due date is the end of the 50 year period.
59-5063	Approved	a37951	Approved	0.2	13.57	8/28/1984	1/31/2022	2 Drains, Bateman Pond and Plumb Cr. Pond	Municipal	
59-5081	Approved	a15988	Approved	6		2/20/1985	6/30/2021	7 Wells	Municipal	
59-5082	Certificated			5.793		2/20/1985		Well #4	Municipal	
59-5157	Approved			0.56		12/26/1986	8/31/2021	Steadman Well	Municipal	
59-5284	Certificated	a15266a	Certificated	1.44		12/26/1986		Well #5	Municipal	
59-5665	Approved	a15988	Approved	2.41		7/14/1960	1/31/2020	7 Wells	Municipal	40 year plan is due on this right on the proof due date
59-5878	Approved	a38039	Approved		100.34	8/4/1959	5/31/2020	2 Wells	Municipal	40 year plan is due on this right on the proof due date



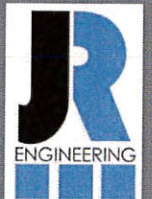
- Well
- Surface Source
- Drain

City of West Jordan		
Water Rights Map		
PREPARED BY: Jim Riley Engineering LC		
DATE	DATE OF SURVEY	SCALE 1" = 1 mi
WATER RIGHT NUMBER	WATER RIGHT LOCATION	APPLICATION NO.

2013

City of West Jordan Section 5 – Water Rights

Prepared By: Jim Riley Engineering, LC
James E. Riley, P.E. & Logan Riley
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Ph: 801-355-1883
8/12/2013



General

This section is to replace Section 5 of the Report entitled "City of West Jordan, Utah Final Water Resources Update Report" dated December 2005. An update of Table 5-1 is included as part of this report along with a map of the locations of the wells of the City of West Jordan. There also is a discussion about each of the water rights and any issues surrounding each water right.

The State Engineer has adopted a groundwater management plan for Salt Lake Valley which he has called the Salt Lake Valley Groundwater Management Plan, dated June 25, 2002. A copy of this plan is included in this report. There are several factors in this plan that are of concern to the City of West Jordan, namely the over appropriation of the groundwater resource of Salt Lake Valley, how change applications are going to be evaluated, the efforts of the State Engineer to distribute the withdrawal of groundwater resource, the safe yield of the aquifer, and water quality issues. With the implementation of the Salt Lake Valley Groundwater Management Plan it affects how change applications are evaluated by the State Engineer and how and where the City of West Jordan can move water rights.

When evaluating water rights for acquisition, the State Engineer has granted far more water rights in this valley than the resource will or could provide. Hence, priority is an issue. Any water right with a priority date of mid 1970's or later, should be assumed that it will at some point in the future be cut off by priority. This action may not happen for several decades, however, there is a real possibility that groundwater rights will be regulated by priority in the Salt Lake Valley and it appears that water rights with a priority of 1976 or later will be cut off.

The wells that are currently being utilized by the City of West Jordan are located in the Western Region. The State Engineer will not move water rights from any of the other regions of Salt Lake Valley into the Western Region. As opportunities arise to acquire water rights, the City of West Jordan should make sure they are currently located in the Western Region.

As change applications are contemplated, locations within the areas where wells may be sited have to consider the other water rights that exist in the area. The State Engineer has introduced a Transfer Index Number (TIN) for each section, which is a measure of how many acre-feet of water is located in the sections near any section that is being considered for a possible location of a water right. As water rights are acquired, locations where the water right can be moved has to be a consideration if the water right should be acquired. There is a limit of 4000 on the TIN number for any section that is contemplated for a change application. If a section has a higher TIN number, additional water from outside of the section will not be

allowed to be moved into that section. The only way to be able to divert additional water in that section would be to acquire water rights in the same section.

There are some remediation areas that have to be considered when filing change applications as well. Wells that are proposed to be located in a remediation area will likely be rejected.

Water Right Summary

The water rights of the City of West Jordan are summarized in Table 5-1. The following is a discussion of each water right.

Water Right Number 57-2682

Water Right Number 57-2682 was originally filed by West Side Water System for 1.0 cfs for municipal purposes on March 30, 1956, which is the priority of this water right. The point of diversion was later changed to the current location by Change Application Number 57-2682 (a4277) in 1963. This well is known as the Proctor Well due to the owner of the property, Ira Proctor. The City of West Jordan acquired this water right by assignment in 1973. Proof was submitted on September 30, 1977 and a certificate was issued on March 10, 1978 for the full 1.0 cfs for municipal purposes. Historically this water was piped to the City of West Jordan.

Nonuse applications have been filed on this water right and have been approved until September 30, 2017. In the last approval, nothing was stated about the water right ceasing if proof was not submitted or additional nonuse applications were not submitted. Current statutes make it unnecessary to file additional nonuse applications on this water right.

Current negotiations are in place to deed this water right along with the other two Proctor Well water rights to Jordan Valley Water Conservancy District in exchange for a portion of a water right owned by Jordan Valley Water Conservancy District that lies within the service area of the City of West Jordan. Change applications will be filed by both the City of West Jordan and Jordan Valley Water Conservancy District on the Proctor water rights and also on the Jordan Valley Water Conservancy District water rights to facilitate this exchange. Deeds will be exchanged after the change applications have been approved.

Water Right Number 57-2811

Water Right Number 57-2811 is a segregated portion of Water Right Number 57-1024. Water Right Number 57-1024 was originally filed for 0.7 cfs for the domestic needs of 450 families by

West Side Water System. Water Right Number 57-1024 was certificated for 0.55 cfs. West Side Water System quit claimed 55% of Water Right Number 57-1024 to Taylorsville – Bennion Improvement District in 1965 who then quit claimed the same 55% to The City of West Jordan in 1978, which 55% portion of Water Right Number 57-1024 was segregated into Water Right Number 57-2811. Water Right Number 57-2811 is for 0.3025 cfs for municipal purposes. The priority of this water right is December 7, 1945.

The well that is water right is located in is the Proctor Well. The well was abandoned in 2011. A Nonuse Application was approved on Water Right Number 57-2811 on September 29, 2010 to September 30, 2017. No conditions were imposed on this nonuse approval.

Current negotiations are in place to deed this water right along with the other two Proctor Well water rights to Jordan Valley Water Conservancy District in exchange for a portion of a water right owned by Jordan Valley Water Conservancy District that lies within the service area of the City of West Jordan. Change applications will be filed by both the City of West Jordan and Jordan Valley Water Conservancy District on the Proctor water rights and also on the Jordan Valley Water Conservancy District water rights to facilitate this exchange. Deeds will be exchanged after the change applications have been approved.

Water Right Number 57-3088

Water Right Number 57-3088 was originally filed by West Side Water System for 0.8 cfs of water for the domestic needs of 600 families on July 14, 1960. The application lapsed on October 30, 1965, but was reinstated with a priority date of November 10, 1965. This water right was assigned to The City of West Jordan in 1973. The source of this water right is the Proctor Well.

This water right is not perfected as of this point in time. The last extension of time was at the end of the 50 year period since the application was approved. The City of West Jordan filed a 40-year plan demonstrating the need for this water right and how they would be able to place the water to beneficial use. Proof is due on January 31, 2021. A revised or updated 40-year plan will be required if additional time is needed to place the water to beneficial use by that time.

Current negotiations are in place to deed this water right along with the other two Proctor Well water rights to Jordan Valley Water Conservancy District in exchange for a portion of a water right owned by Jordan Valley Water Conservancy District that lies within the service area of the City of West Jordan. Change applications will be filed by both the City of West Jordan and

Jordan Valley Water Conservancy District on the Proctor water rights and also on the Jordan Valley Water Conservancy District water rights to facilitate this exchange. Deeds will be exchanged after the change applications have been approved.

Water Right Number 59-340

Water Right Number 59-340 was originally filed by the Town of West Jordan for 1.0 cfs from an unnamed creek to irrigate 10.0 acres of land within the West Jordan Cemetery on November 14, 1942, which is the priority of this water right. Proof was submitted on July 28, 1959, and a certificate was issued on August 28, 1959 for the full 1.0 cfs of water and the irrigation of 8.57 acres. A Proposed Determination of Water Rights was prepared by the State Engineer for the area and this right was found to be supplemental with Water Right Number 59-3009 for the irrigation of the 8.57 acres of land. Since 59-3009 has a sole supply of 0.17 acre, Water Right Number 59-340 has a sole supply of 8.4 acres. This water is pumped from a pond that is located South and West of the Cemetery and delivered to the cemetery for irrigation purposes.

Currently this right appears to continue to be utilized on the West Jordan Cemetery and is in good standing.

Water Right Number 59-752

Water Right Number 59-752 was filed by Utah – Idaho Sugar Company for 0.6 cfs of water from a well for the manufacture of sugar with related uses on September 20, 1949. On the application it is stated that this use of the water would consume all of the water diverted. Proof was submitted on December 19, 1951 and a certificate issued on May 29, 1952 for 0.278 cfs of water for boiler feed, cooling of condensers, compressors and centrifugal machines, and for washing filters, beets, and for fluming beets, for laboratory uses and for domestic purposes in the operation and maintenance of a sugar beet factory manufacturing 18,000 tons of sugar per annum. This water right is part of the Proposed Determination of Water Rights that was prepared by the State Engineer. Water Right Number 59-752 is supplemental with Water Right Numbers 59-2705 and 59-2706 for the industrial use of water. This water right was acquired by the City of West Jordan from the LDS Church on March 31, 1994.

A change application moving this water right to a new point of diversion and changing the nature of use to municipal has been prepared, however it has not been filed as of the date of this report.

Water Right Number 59-1558

Water Right Number 59-1558 was originally filed by Wallace D. Harkness for 0.015 cfs of water for the irrigation of 0.5 acre of land. The priority date of this right is April 21, 1960. This right was certificated on December 29, 1961. This water right is part of the Proposed Determination of Water Rights that was prepared by the State Engineer. The City of West Jordan acquired this right in 2000. A change application should be filed on this water right changing the use to municipal and possibly modifying the point of diversion to one of the wells owned by the City of West Jordan.

Water Right Number 59-1572

Water Right Number 59-1572 is an Application to Appropriate Water that was originally filed by West Side Water System on July 14, 1960 and approved on January 20, 1961. The priority of this application is July 14, 1960. The application was filed and approved for 1.0 cfs for the domestic needs of 750 families. Change Application Number 59-1572 (a15988) was filed and approved in 1991 on this right along with Water Right Numbers 57-3089 and 59-5081. This change application modified the use to municipal and moved the right into 7 wells. This application was evaluated in the change application to have a limitation of 337.5 acre-feet based on the domestic needs of the 750 families at 0.45 acre-foot per family.

A 40-year plan was submitted for this water right along with the last extension of time to submit proof, since it had been 50 years since the time when this appropriation was approved. The extension was granted to January 31, 1021 with the only condition being that a revised and updated 40-year plan must accompany any additional requests for extensions of time.

Water Right Number 59-1573

Water Right Number 59-1573 is an Application to Appropriate Water that was originally filed by West Side Water System on July 14, 1960 and approved on January 20, 1961. The priority of this application is July 14, 1960. The application was filed and approved for 1.0 cfs for the domestic needs of 750 families. Change Application Number 59-1573 (a15266) was filed in 1989 and approved in 1990 on this right along with Water Right Numbers 59-4003 and 59-5284. This modified the use to municipal and moved the right to Well #5. This application was evaluated in the change application to have a limitation of 337.5 acre-feet based on the domestic needs of the 750 families at 0.45 acre-foot per family.

A 40-year plan was submitted for this water right along with the last extension of time to submit proof, since it had been 50 years since the time when this appropriation was approved. The extension was granted to January 31, 1021 with the only condition being that a revised and updated 40-year plan must accompany any additional requests for extensions of time.

Water Right Number 59-1615

Water Right Number 59-1615 was originally filed by Steadman Ditch Association for 5 cfs of water for the irrigation of 278 acres. The application was filed on June 7, 1961 and approved on November 1, 1961. The priority of this right is June 7, 1961. A certificate was issued on August 16, 1965 for 1.18 cfs of water for the supplemental irrigation of 215.97 acres of land. The City of West Jordan was deeded this water right in 1985.

Change Application Number 59-1615 (a13758) was filed in 1985 and approved in 1987 modifying the use to municipal, limiting the acre-feet to 150 acre-feet annually and modifying the use to municipal. The source for this water right is the Steadman Well. Proof is due on the change application on September 30, 2021.

Water Right Number 59-2705

Water Right Number 59-2705 is an Underground Water Claim was filed by Utah – Idaho Sugar Company for 0.5 cfs of water from a well for industrial purposes on March 21, 1936. The priority of this right is October 1933. This right was adjudicated and is part of the Proposed Determination of Water Rights that was prepared by the State Engineer. Because this water right is for industrial purposes, the full 0.5 cfs of water can be fully consumed. Water Right Number 59-2705 is supplemental with Water Right Numbers 59-752 and 59-2706 for the industrial use of water. This water right was acquired by the City of West Jordan from the LDS Church on March 31, 1994.

A change application moving this water right to a new point of diversion and changing the nature of use to municipal has been prepared.

Water Right Number 59-2706

Water Right Number 59-2706 is an Underground Water Claim was filed by Utah – Idaho Sugar Company for 0.167 cfs of water from a well for industrial purposes on March 2, 1936. The priority of this right is 1916. This right was adjudicated and is part of the Proposed Determination of Water Rights that was prepared by the State Engineer. Because this water

right is for industrial purposes, the full 0.167 cfs of water can be fully consumed. Water Right Number 59-2706 is supplemental with Water Right Numbers 59-752 and 59-2705 for the industrial use of water. This water right was acquired by the City of West Jordan from the LDS Church on March 31, 1994.

A change application moving this water right to a new point of diversion and changing the nature of use to municipal has been prepared.

Water Right Number 59-3009

Water Right Number 59-3009 is an Underground Water Claim filed by the Hyrum Beckstead Estate on March 19, 1940 for 0.11 cfs of water from a drain. The priority of this water right is 1910. Originally this right was for the watering of 5 equivalent livestock units and the domestic needs of 1 family. Through the magic of the adjudication process, this right is now in the name of the City of West Jordan and is supplemental with 59-340 for the irrigation of 8.57 acres. Water Right Number 59-3009 has a sole supply of 0.17 acre of irrigation. This right is in the Proposed Determination of Water Rights for this area. The place of use is the West Jordan Cemetery.

Water Right Number 59-3509

Water Right Number 59-3509 is a water right for water from the Jordan River through the North Jordan Canal. The priority of this water right is 1850. The City of West Jordan owns 17.21 acres of irrigation under this water right. The flow rate is 5.3 cfs and the amount in acre-feet that can be diverted is 86.05 acre-feet. The Fur Breeders Ag. Co-Op name is on the balance of this right, however, the Fur Breeders Ag. Co-Op deeded to Utah Power & Light Company a portion of the land where the water was used without reserving the water right. The City of West Jordan was deeded this water right on July 23, 2001.

Water Right Number 59-3584

Water Right Number 59-3584 is a certificated appropriation for 2.5 cfs of water for municipal purposes filed by West Jordan City Corporation. The priority date of this water right is January 29, 1969. The point of diversion for this water right is Well #3. A new change application, Number 59-3584 (a37279), has been filed and approved moving the location of Well #3, due to the construction of the Mountain View Corridor. Proof is due on the change on July 31, 2016. A Non-Use Application has also been filed and approved on this water right. The proof due date for the Non-Use Application is October 31, 2019. The most recent Non-Use Application

was filed due to the language that the prior Non-Use Application had on it, however, due to the changes in the law, future Non-Use Applications may not be required.

Water Right Number 59-4003

Water Right Number 59-4003 was filed by the City of West Jordan on December 6, 1973, and was approved on June 24, 1974, for 2.0 cfs of water for municipal purposes. The priority date of this water right is December 6, 1973. The point of diversion is Well #5. This water right has not been perfected as of this date and proof is due on June 30, 2024, which is the end of the 50 year period since the application has been approved. If proof is not submitted on this water right by this proof due date, a 40 year plan will have to accompany and request for extension of time to submit proof.

Water Right Number 59-5063

Water Right Number 59-5063 is an application to appropriate water for 0.2 cfs of water that was originally filed by Glenn Turpin. Glen Turpin assigned this water right to the City of West Jordan on April 29, 1991. This water right has not been perfected yet. The priority date of this water right is August 28, 1984. Change Application Number 59-5063 (a37951) was filed and approved to modify this water right to two drains one for the Plumb Creek Pond and the other for the Bateman Pond. The use of water was also changed to municipal for the City of West Jordan. The proof on this water right is due on January 31, 2022.

Water Right Number 59-5081

Water Right Number 59-5081 is an application to appropriate water for 6 cfs of water for municipal purposes for the City of West Jordan. The priority of this water right is February 20, 1985. The water is to be diverted from 7 wells.

Water Right Number 59-5082

Water Right Number 59-5082 is a certificated water right for 5.793 cfs of water from Well #4. The use of water is municipal for the City of West Jordan. The priority date of this water right is February 20, 1985.

Water Right Number 59-5157

Water Right Number 59-5157 is an application to appropriate water for 0.56 cfs of water for municipal use of water by the City of West Jordan. The priority date of this water right is December 26, 1986. The priority date of this water right was reduced from December 6, 1985 to December 26, 1986 due to an increase in quantity of water and the payment of the additional fee for the additional flow. The water is to be diverted from the Steadman Well. The proof is due on this water right on August 21, 2021. Water Right Number 59-5284 was segregated from this water right.

Water Right Number 59-5284

Water Right Number 59-5284 is certificated water right for 1.44 cfs of water for municipal purposes by the City of West Jordan. The priority date of this water right is December 26, 1986. The water is diverted from Well #5. This water right was segregated from Water Right Number 59-5157. Change Application Number 59-5284 (a15266a) moved this water right to Well #5.

Water Right Number 59-5665

Water Right Number 59-5665 is an application to appropriate water for 2.41 cfs of water for municipal purposes of the City of West Jordan. The water is to be diverted from 7 wells. The priority date of this water right is July 14, 1960. Originally this water right was filed by West Side Water System and has been deeded to the City of West Jordan. Two change applications have been filed and approved on this water right. The proof is due on this water right on January 31, 2020. The last extension of time was filed along with a 40 year plan to get the proof due date extended on this water right.

Water Right Number 59-5878

Water Right Number 59-5878 is the water right that the City of West Jordan was deeded as part of the agreement for the Little Cottonwood Creek water from the Brady Ditch. There was an agreement that was entered into between Sandy City, Jordan Valley Water Conservancy District, and the City of West Jordan wherein the City of West Jordan was to receive approximately 100 acre-feet of groundwater that could be developed within its borders. Water Right Number 59-5878 is a portion of Water Right Number 59-1532. Water Right Number 59-1532 is an Application to Appropriate Water that was filed on August 4, 1959 and approved on March 11, 1960. This was part of 125 cfs of water that was appropriated to Jordan Valley Water Conservancy District for municipal purposes under several water rights. The records of

the State Engineer still have Jordan Valley Water Conservancy District as the owner of this water right. A Report of Water Right Conveyance will need to be prepared and submitted to the State Engineer to resolve this problem. Change Application Number a38039 was filed to move this water right to a location where the City of West Jordan could drill a new well and the change application also modified the use to municipal for the City of West Jordan. The proposed well location appears to be incorrect and a new change application will have to be prepared and filed. Proof is due on this water right on May 31, 2020. A 40 year plan will have to be prepared as part of an extension request.

Table 5-1 Water Rights of the City of West Jordan

Water Right Number	Status of Right	Change Application Numbers	Status of Change	Cfs	
57-2682	Certificated			1	
57-2811	Certificated			0.302	
57-3088	Approved			0.8	s right on the proof due date
59-340	Certificated			1	09, used on West Jordan Cemetery
59-752	Certificated			0.278	05, 59-2706
59-1558	Certificated			0.015	
59-1572	Approved	a15988	Approved	1	s right on the proof due date
59-1573	Approved	a15266	Approved	1	s right on the proof due date
59-1615	Certificated	a13758	Approved		
59-2705	UGWC			0.52	2, 59-2706
59-2706	UGWC			0.162	2, 59-2705
59-3009	UGWC			0.010	0, used on West Jordan Cemetery
59-3509	Decree			5.3	owned by City of West Jordan owned by Fur Breeders Ag. Co-Op
59-3584	Certificated	a37279	Approved	2.5	
59-4003	Approved	a15266	Approved	2	end of the 50 year period.
59-5063	Approved	a37951	Approved	0.2	
59-5081	Approved	a15988	Approved	6	
59-5082	Certificated			5.79	
59-5157	Approved			0.56	
59-5284	Certificated	a15266a	Certificated	1.44	
59-5665	Approved	a15988	Approved	2.41	s right on the proof due date
59-5878	Approved	a38039	Approved		s right on the proof due date