

WATER MANAGEMENT & CONSERVATION PLAN

(Please read the reference at the end of the document for more information on each section.)

Name of Water Utility/Company

Duchesne City

A. Background Information

A description of the water utility or company and its service area. General policies and goals of the water utility should be defined and explained. A description might include a history of the utility or company and mention of water development and management accomplishments. A map of the service area could also be included.

The Duchesne City Water System, No. 00701, is an existing public community water system located in Duchesne City, Utah at the junction of the Strawberry and Duchesne Rivers, in Utah's Uintah Basin.

During 2011-2013, Duchesne City developed a masterplan and was able to procure funds to replace and add water lines to increase fire flow on lines with hydrants, mitigate health and safety concerns, replace transite (asbestos cement (AC)) pipes, and to allow for future growth.

Most of the lines planned for replacement lines and new lines in the plan were built, and although there were major upgrades to the water system during that time, the existing system still has a few dead end line systems, and there is still the need for pipe replacement and expansion to remedy the poor condition of existing pipes and transite pipes and to satisfy fire flows for immediate and future expansion. In essence, the available money was stretched as far as it could be stretched, but it only remedied about 80-90% of the problems with Duchesne City's water systems. South Duchesne Culinary Water, Inc. (SDCW), which is a Utah Corporation, has the need to acquire water and supply that water to a subdivision called Utah Mini-Ranches which is located East and South of Duchesne City. In 2001 an agreement was signed between Duchesne City and SDCW to supply SDCW with up to 166 gallons per minute of excess water (Appendix E). SDCW currently has a contract with Duchesne City to provide up to 450 gpm excess water from Duchesne City through the existing water system. Excess waters are flows that are available above and beyond Duchesne City's needs.

The Duchesne Valley Water Treatment Plant (DVWTP), which is the source for the existing and future water system, is a 4 million gallon per day (MGD) treatment plant located northwest of Duchesne City near Starvation Reservoir. An existing 18" aqueduct comes from the treatment plant running southeast about 1.5 miles to near Old Farm Road. The aqueduct continues in a southeasterly direction approximately 1/3 of a mile to the intersection of Stake Center Drive and 9000 South, then heads east along 9000 South approximately 3/4 of a mile. The existing City water system connects to the aqueduct in five (5) places. The connections are located at County Road 195 near the DVWTP, on River Road, 2 near Old Farm Road, and on 9000 South near the county jail. (Appendix A-Figure A-1)

The DCWCD Victory pipeline comes from the DVWTP running southeast. It runs parallel to the existing 18" aqueduct approximately 2,000 LF to the north. The existing city water system connects to the aqueduct just west of the existing Blue Bench Fill station on 600 East, north of the Duchesne County Justice Center.

Duchesne City currently has three (3) tanks that are used for storage and fire storage. The first tank (Tank 1) is a 400,000 gallon tank that supplies water to the lower pressure zone. The second tank (Tank 2) is a 1,000,000 gallon tank and it serves the upper zone, and through Pressure Reducing Valve Stations services the lower zone. The third tank (Tank 3) is a 750,000 steel storage tank that services the lower zone via Pressure Reducing Valve Stations. The second tank is filled by a 400 gpm booster pump which takes water from the 18" aqueduct.

The existing line on SR 311 is a dead end line that introduce stagnation that becomes a water quality concern. The River Road and Old Farm connections are direct connections off of the 18" aqueduct. The aqueduct is slated to be shut down this early summer, so pipe installation to provide service from other locations is required in the immediate future.

B. Existing Resources

This section includes an inventory of current water sources and infrastructure controlled by the water utility or company. Include water right information, hydrologic data, and a description of the physical facilities.

Duchesne City's culinary water source is the DVWTP via raw water in Starvation reservoir. Water is conveyed to Duchesne City distribution system through an 18" aqueduct from the DVWTP through five (5) turnouts. It's water system consists of 3 storage tanks (400,000 gallon, 750,000 gallon, and 1,000,000 gallon). It has a booster pump that supplies water to the IMG tank from an 18" aqueduct from the DVWTP. There are 5 PRV's needed to reduce pressure for the lower zone area.

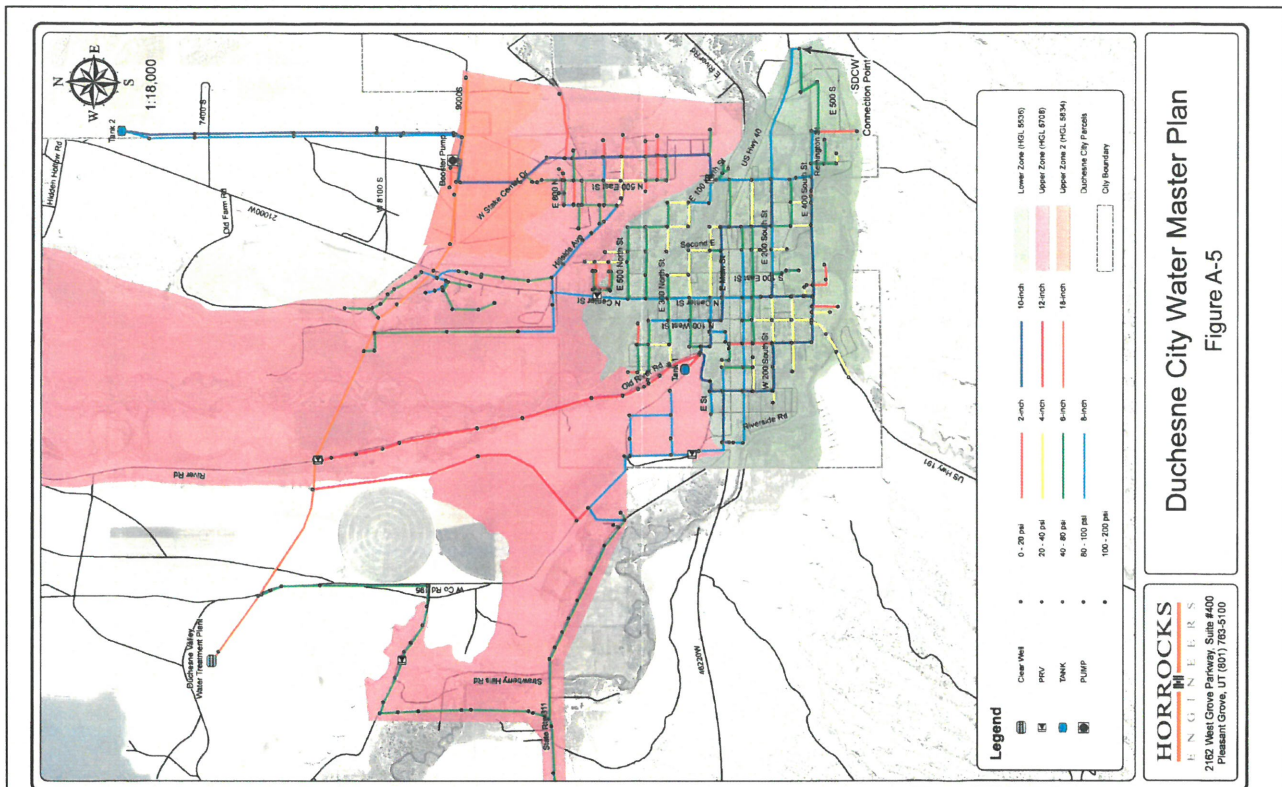
The City's water rights are approved for diversion from two main sources: 15.18 cfs (10,909.70 acre-feet per year) from the Duchesne River, and 3.51 cfs (2,541.17 acre-feet per year) from several wells in the Murray Springs area. Additionally, the City has two smaller water rights that are used at the City's wastewater treatment plant (0.0318 cfs, 23.02 AF) and airport (0.223 cfs, AF).

The City has the right to divert water from the Duchesne River at two locations: (1) the Knight Diversion Dam; and (2) the Rocky Point Diversion Dam. At the Knight Diversion Dam, the City may divert water either through the Orchard Mesa Canal (aka the Murray-White Canal) or through the Feeder Canal into Starvation Reservoir for re-diversion into the DVWTP which is located near Starvation Reservoir and is owned and operated by the Central Utah Water Conservancy District (CUWCD). The City has the contractual right to receive up to 8 cfs of treated culinary grade water from the DVWTP. The approved points of diversion for the 15.18 cfs from the Duchesne River are as follows:

- Water Right No. 43-190 permits the diversion of 0.18 cfs at the Murray-White canal for irrigation.
- Water Right No. 43-180 permits the diversion of 5 cfs at the Knight Diversion Dam.
- Water Right No. 43-11416 permits the diversion of 2 cfs at the Knight Diversion Dam.
- Water Right No. 43-203, permits the diversion of 8 cfs at the Knight Diversion Dam or the Rocky Point Diversion Dam, and also permits the rediversion of water from Starvation Reservoir into the DVWTP.

Duchesne City Culinary and secondary water rights are listed in the table below:

SOURCE	CLAIM #	LOCATION	TYPE OF RIGHT	PRIORITY	STATUS	FLOW (CFS)	QUANTITY (ACRE-FT)	ALLOWED (gpm)	ALLOWED (MGD)
Duchesne River	43-180	S 464 ft W 1085 ft from NE cor, Sec 11, T 3S, R 5W, USBM	MUNICIPAL in RIGHT but NOT SEGMASTER	29JUL1905	Certificate(a15122)	5	3,619.90	2,244.00	3.23
Duchesne River	43-190	N 24 ft W 1371 ft from SE cor, Sec 02, T 3S, R 5W, USBM	IRRIGATION	22OCT1910	Certificate(434)	0.18	88.69	80.78	0.12
Duchesne River	43-203	N 1241 ft W 1339 ft from S4 cor, Sec 24, T 3S, R 5W, USBM	MUNICIPAL	29JUL1905	Certificate(1056)	8	5,791.84	3,590.40	5.17
Underground Well	43-1962	N 375 ft W 52 ft from SE cor, Sec 14, T 3S, R 5W, USBM	MUNICIPAL	21JUL1961	Certificate(7282)	0.51	369.23	228.89	0.33
Underground Well	43-1981	N 581 ft E 969 ft from SW cor, Sec 13, T 3S, R 5W, USBM	MUNICIPAL	28JUN1968	Certificate	1	723.98	448.80	0.65
		N 2174 ft E 1093 ft from SW cor, Sec 13, T 3S, R 5W, USBM							
		N 2287 ft E 1173 ft from SW cor, Sec 13, T 3S, R 5W, USBM							
DRAIN	43-1994	N 649 ft W 2110 ft from S4 cor, Sec 06, T 4S, R 4W, USBM	INDUSTRIAL	13JAN1969	WUC	0.03	23.02	14.27	0.02
Underground Well	43-3651	N 0 ft E 475 ft from SW cor, Sec 13, T 3S, R 5W, USBM	MUNICIPAL	01JUL1965	WUC	Shares with 43-1981.			
Underground Well	43-3774	N 3106 ft E 1055 ft from SW cor, Sec 30, T 3S, R 4W, USBM	MUNICIPAL	05AUG1966	WUC	0.22	161.45	100.08	0.14
Underground Well	43-7263	N 600 ft E 65 ft from W4 cor, Sec 30, T 3S, R 4W, USBM			LAPSED				
Underground Well	43-7264	N 1516 ft E 1294 ft from SW cor, Sec 13, T 3S, R 5W, USBM	MUNICIPAL	25SEP1972	Certificate(9913)	Shares with 43-1981.			
		N 1662 ft E 1092 ft from SW cor, Sec 13, T 3S, R 5W, USBM							
Duchesne River	43-11416	S 464 ft W 1085 ft from NE cor, Sec 11, T 3S, R 5W, USBM	MUNICIPAL	29JUL1905	Certificate(a29522)	2	1447.93	897.60	1.29
TOTAL						16.94	12,226	7,604.83	10.95



C. Current Water Use and Determination of Future Requirements – Water Management Issues and Goals

This section includes the historical patterns of water delivery and use by the water utility. Future water needs and infrastructure requirements based on growth projections should be identified. Comparison of current water supplies and future projections will reveal if and when additional supplies will be needed. List past water conservation measures as well as opportunities for improving the efficiency of water use. Indicate any opportunities to coordinate with other companies to develop and implement management conservation measures. List short and long term goals for efficient water use. Identify potential use of any water gained from reductions in use due to the implementation of the water conservation plan.

Duchesne County Water Conservancy District (DCWCD) is currently working on a masterplan that addresses every systems water needs and conservation projects in Duchesne County. As part of that plan, Duchesne City will be identified and its population projections, existing and future water needs will be updated. Currently Duchesne City has approximately 1,779 residents. At an estimated growth rate of approximately 1.83 percent, it is expected that by the year 2038, the City will have a population of 2,430, and by the year 2060, the City will have a population of 3,147.

Culinary water use estimates over the last 5 years is as follows:

2013	815 AF
2014	699 AF
2015	598 AF
2016	647 AF
2017	743 AF

The results above include water that Duchesne City sells from their fill station, to County residents and the Oil Field. To get an accurate usage by its residents, 2018 usage excluding the volume water used at the fill station is provided.

2018	499 AF (excludes fill station)
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499 AF/year = 0.45 MGD; a population of 1,779 yields an average usage of 250 gal/capita/day.

ERC factors as determined and outlined in the Hydraulic Model Design Elements and System Capacity Expansion Report created in 2011 were as follows:

Residential:	1.00 ERC
Commercial/Industrial:	2.07 ERC
Institutional:	7.97 ERC

2017 Connections information is as follows:

Residential:	847
Commercial:	107
Industrial:	4
Institutional:	6

Existing ERC's (Equivalent Residential Connections) is 1,148 ($847 \times 1 + 107 \times 2.07 + 4 \times 7.97 + 6 \times 7.97$), ERC's in 20 years will be approximately 1,590. ERC's in 2060 will be approximately 2,054 ERC's.

Several improvements were done between 2011 and 2013 to meet future demand. However, there are still a few dead end lines, particularly the existing 6" line along SR 311.

Projects/Issues:

1. On SR 311, Duchesne City has to open a hydrant at the end of the line periodically and let it flow for some time, and waste water, so the residents at the end of the line have quality water. Water quality and conservation measures need to be implemented by installing an 8" water line from the dead end line to Gateway 66 in order to loop the system and eliminate stagnation. Not only would it eliminate stagnation, but it would also increase fire flows in the area which are currently substandard, as well as provide water for future growth. The approximate length of the required water line is 4,025 LF. To realize this project, the City would like to get this line installed with the emergency aqueduct secondary connection (no. 2 below). Spring 2020
2. The 18" aqueduct is going to be taken out of service early in the summer of 2020. This will result in loss of water at the two connections at Old Farm. For this purpose, approximately 2,625 LF of 8" water line needs to be installed at 1200 North between SR 87 and 500 East, making connections to the existing lines at SR 87 and 500 East. This needs to be done by Spring 2020, or residents will be without water. Spring 2020
3. The 18" aqueduct is going to be taken out of service early in the summer of 2020. This will result in loss of water for customers along River Road south of the connection to the 18" aqueduct. For this purpose, approximately 1,000 LF of 8" water line needs to be installed from the line coming off the direct connect turnout off of the aqueduct at River Road north to the provided connection at the Victory Pipeline. This needs to be done by Spring 2020, or residents will be without water. Spring 2020
4. There is approximately one (1) mile of 12" transite water line that needs to be replaced with an 8" PVC pipe along River Road. The City would like to see approximately 1,000 LF be replaced using a cured in place (CIPP) method between 300 North and 500 North because it is very near resident's back yards and structures. The City got rid of almost 90% of its transite water pipes between 2011 and 2013, but didn't have the funds to replace that one. For water quality purposes and to eliminate stagnate water, it needs to be replaced. Phase 1: 1,000 LF Spring 2020, Phase 2: 1,800 LF Summer 2022, Phase 3: 2,400 LF Summer 2024. The line was installed in the early 1900s and has more than exceeded its design life. It is old and brittle and likely has numerous leaks. Due to its age, it has been in the ground longer than its expected design life and is in need of replacement.

Current Conservation Measures:

1. Fully meter customers.
2. Meter the Fill Station.
3. The City currently has a rate structure that increases the cost of water as more is used.

Proposed Conservation Measures

1. Periodic verification of all commercial meters that exceed 2-inch size.
2. Replace all small meters every 15-20 years.
3. Perform periodic water audits for residents and businesses based on high usage.
4. Leak detection; 5 miles of water mains annually.
5. Provide literature for customers to test meters for leaks.
6. Distribute toilet tank leak detection dye tablets.
7. Continue to expand and refine water use data collection and analysis.
8. City council modify rate structure if necessary.
9. Using customer bills, fliers, or brochures, communicate with residents and businesses water conservation measures and incentive programs.
10. Update the City's facebook page and convey water conservation methods.
11. Sponsorship and participation in approximately 2 or 3 public events that discuss water conservation.
12. Radio and printed advertisements focusing on the irrigation season.
13. Explore even-odd day irrigation restrictions.
14. Explore 9 AM to 7 PM watering restrictions.
15. Work with East Duchesne, Johnson Water, Myton, and South Duchesne Culinary Water (SDCW) on conservation measures.
16. Make significant efforts to increase regional recognition of Duchesne City's conservation measures.
17. Monitor water consumption and on drought years implement restrictions, and display those restrictions on social media and in the lobby area of the City offices during the restrictions.

The current water rates are as follows:

Base Rate	\$22.75/month	up to 5,000 gal
Rate 1	\$1.20/thousand	up to 10,000 gal
Rate 2	\$1.40/thousand	up to 20,000 gal
Rate 3	\$1.60/thousand	up to 30,000 gal
Rate 4	\$1.80/thousand	up to 40,000 gal
Rate 5	\$2.15/thousand	unlimited

The rates are increased over time to discourage over use and encourage customers to manage their water consumption.

D. Identification of Alternatives to Meet Future Water Needs

Strategies to meet future demands beyond the limits of existing supplies or infrastructure should be identified. These strategies should include conservation alternatives as well as traditional water development plans. Economics and environmental impacts of the alternatives, including infrastructure requirements, should be determined and evaluated.

It appears that the water that Duchesne City has rights to is adequate to meet its customer's demands over the next 40 years, however by the approximate year 2060, all of the water it has rights to for not only culinary but secondary as well will be used up, and they City will be required to explore additional supplies. The City currently has 12,226 acre-feet/year total water rights, but by the year 2060, it is expected that the demand for culinary and secondary will be over 12,700 acre-feet/year.

Lead times for such efforts as developing new water supplies and adding water rights can be significant, it is a good strategy to begin such discussions. Water conservation will ultimately help the City get the most value and the best use out of its resource, but it is important to begin looking at ways to increase water supplies. It may appear the Duchesne City has a robust amount of water; but it contractually obligated to sell its surplus water to DCWCD, Starvation Culinary Water Users Association and South Duchesne Water Company. It also sells water to Johnson Water and Myton City.

Additional Storage is also something that the City would like to continue to explore. Storage is often in short supply and it would benefit any water company to have multiple storage options during fire and other emergencies. Tank 1, the 400,000 Gallon tank is in the masterplan to be replaced. It was never done during 2011-2013, because it wasn't a priority, and still in surprisingly good condition for its age. It should however be considered for replacement in the next 5 to 10 years.

The 8" line mentioned under item C on SR 311 as 1, to loop the system will not only eliminate water wasting, via flushing, and water quality concerns, but it is necessary to provide for future growth in that area, as discussed in the master plan.

E. Evaluation and Selection of Alternatives

The alternatives investigated should be evaluated and prioritized to meet future demands. Reaction to the various alternatives from the public (or stockholder) can help guide the water utility or company in the selection and prioritization of alternatives to implement. The Public should be involved in all phases of the process.

As required by CIB, a public hearing was held in January of 2019 to discuss the projects being applied for with CIB. They are listed under 1-4 under item C. It is the City's intent to hold public hearings regularly to not only keep the public informed of projects the City is exploring that impact their water system, but to also keep them informed of water conservation and management efforts that the City is beginning to explore. Along with television and radio this will help instill the importance of water conservation.

F. Periodic Evaluation

The Water Management and Conservation Plan will be reviewed and updated periodically by the water utility company to reflect new data and trends and gauge performance progress.

G. Associated Plans – Emergency Response Plan

As part of the WMC plan, the city is committed to creating and implementing an improved short-term emergency water measures to deal with drought, contamination or flooding that may temporarily affect water supplies. A good emergency response plan will identify these problems and provide for contingencies to meet the "short-term emergency" needs. Plans should identify events that activate the emergency plans.

H. List of Company Officers

Rodney Rowley, Mayor
Lane Genereaux, Water System
Paul Spencer, Wastewater System
Kim Riggle, Recorder
Chuck Richins, Consulting Engineer, Horrocks Engineers

Certificate of Adoption

We, Duchesne City, hereby certify that the attached Water Management and Conservation Plan was established and adopted by our city council at the regularly scheduled city council meeting held on December 10, 2019.

Rodney Rowley

Name

Mayor

Title



Signature

16 DEC, 2019

Date

ATTEST:

Kim Riggle

Name

City Recorder

Title



Signature

12/16/, 2019

Date

REFERENCE SECTION

A. Background Information

A short, descriptive narrative of the water utility or company and its service area is needed. General policies and goals of the water utility should be defined and explained. A narrative might include a history of the utility or company and mention of recent water management accomplishments.

B. Existing Resources

This section should include an inventory of current water sources controlled either through water rights or contractual agreements by the water utility or company. Hydrologic data and analysis to support the quantification of firm yields, as well as the frequency and magnitude of shortages of supply, could be included as part of the documentation. This data describes the water supply with which a water utility or company has to respond to current and future demands.

Current infrastructure should be considered as part of the existing resource inventory.

C. Current Water Use and Determination of Future Requirements

This section would include the historical patterns of water delivery and use by customers of the water utility. Future water needs based on economic and population growth projections should be identified. And a time frame for future projections is needed. The water utility or company should remember that the lead time for development of future supplies can be as significant for conservation methods as it is to develop new supplies.

Comparison of current water supplies and future projections will reveal if and when additional supplies will be needed. Infrastructure requirements such as conveyance, treatment and distribution systems for future needs should also be determined as part of this process.

D. Identification of Alternatives to Meet Future Water Needs

Strategies to meet future demands beyond the limits of existing supplies or infrastructure should be identified. These strategies should include conservation alternatives as well as traditional water development plans. Economics and environmental impacts of the alternatives, including infrastructure requirements, should be determined and evaluated.

E. Evaluation and Selection of Alternatives

The various alternatives investigated should be evaluated and prioritized to meet future demands. Reaction to the various alternatives by the public, or stockholder in the case of private water and irrigation companies, can help guide the water utility or company in the final selection and prioritization of alternatives to implement. The public or stockholder perception of the water management and conservation plan development will, in large part, determine the limits of implementation. The public should be involved in all phases of the process. This approach, while more difficult and time-consuming, will provide a broader base of support for a final WMC plan.

F. Periodic Evaluation

The WMC plan should be reviewed and updated periodically by the water utility or company to reflect new data and trends and gauge performance and progress. This effort will ensure efficiency and timeliness of the plan.

G. Associated Plans – Emergency Response Plan

As part of the WMC plan, short-term emergency water measures may be included to deal with drought, contamination or flooding that may temporarily affect water supplies. A good emergency response plan will identify these problems and provide for contingencies to meet the “short-term emergency” needs. Plans should identify events that activate the emergency plans.

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, KATHRYN P. CRAPO, on oath, say that I am the LEGALS MANAGER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue of such newspaper for 2 consecutive issues, and that the first publication was on the 3 day of December, 20 19, and that the last publication of such notice was in the issue of such newspaper dated the 10 day of December, 20 19, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

NOTICE OF PUBLIC HEARING

Notice is hereby given that the Duchesne City Council will meet at 500 E Main, Duchesne, Utah during a regularly scheduled City Council Meeting on December 10, 2019 at 6 p.m. to conduct a public hearing to adopt the Duchesne City Water Management and Conservation Plan.

Published in the Uintah Basin Standard December 3 and 10, 2019.

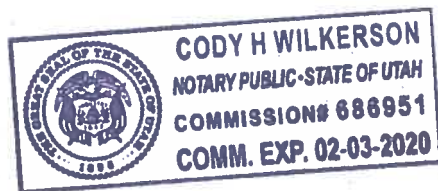
Kathryn P. Crapo
LEGALS MANAGER

Subscribed and sworn to before me on this

10 day of December, 20 19

by Kathryn P. Crapo.

[Signature]
Notary Public





Regular City Council Meeting

Minutes

Tuesday, December 10, 2019 at 6:00 pm

A regularly scheduled meeting of the Duchesne City Council will be held at the Duchesne City Office Building, 500 East Main, Duchesne, UT at the above date and time. The agenda will be as follows:

1. Roll Call, Prayer, Pledge, Minutes

Minutes:

Mayor Rodney Rowley conducted the meeting. City Recorder, Kim Riggle, took minutes. City Council Members present were Jason Baker, Dawnette Browning, Bryce Hamilton, Jeannie Mecham, and Danny Peatross.

Public Attendees: Lane Genereaux, Susan Hamilton, Stan Wisniewski, Ella Hamilton, Danita Hinton, and Deb Herron.

Council Member Dawnette Browning offered the prayer.

Mayor Rodney Rowley led the Council and Public in the Pledge of Allegiance.

MOTION by Council Member Mecham, seconded by Council Member Hamilton to approve the minutes from November 26, 2019.

- Council Member Baker – Aye
- Council Member Browning – Aye
- Council Member Hamilton – Aye
- Council Member Mecham – Aye
- Council Member Peatross – Aye

Motion carried by unanimous vote.

2. Bills

Minutes:

MOTION by Council Member Browning, seconded by Council Member Mecham to pay the bills.

- Council Member Baker – Aye
- Council Member Browning – Aye
- Council Member Hamilton – Aye

- Council Member Mecham - Aye
- Council Member Peatross – Aye

Motion carried by unanimous vote.

3. Charges and Credits

Minutes:

The Council reviewed the charges and credits report.

4. Business License

Minutes:

There were no business licenses at this time.

5. Public Hearing- Water Management & Conservation Plan

Minutes:

Mayor Rowley opened the public hearing at 6:09 pm.

- Council Member Hamilton asked why the public hearing was listed before Water Management and Conservation Plan on the agenda. Mayor Rowley and Kim Riggle explained that the Council would vote to adopt the plan after the public hearing.
- Council Member Peatross asked if Chuck Richins (Horrocks Engineers) put the report together and for what purpose. Lane Genereaux (Head of Duchesne City Water Department) explained the report is required to be submitted every 5 years to the State of Utah (Department of Environmental Quality, DEQ). Because Duchesne City is such a small system, the report is very basic and only includes a map with all the residential and commercial connections and a structure rate or pyramid showing an increase in rate according to the amount of water used for each customer. He explained that the State is looking to make sure Duchesne City is making an effort to comply with regulations. Council Member Peatross commented that the report looked like a description of the existing system and future needs including problem areas. Lane agreed and said the City's needs are not extensive but do include leaking sewer lines, infiltration, and leaking water lines. Council Member Peatross asked who receives the adopted report. Lane said the State (DEQ) requires the report.
- Council Member Peatross clarified dates on the projects listed on page 4 for the spring of 2019 and asked if some of these projects were completed or would be. Mayor Rowley explained that one of the projects kept getting moved back. Council Member Peatross asked if the dates needed to be

updated or if it was not an issue. Lane explained that it was not an issue and that the State just wanted to know that Duchesne City was moving forward with some things. He said the State is aware that some things will have to be tabled. This report has actually been sent to the State for their review and was sent back to the City to have a public hearing and get adopted. The report currently in front of the Council is the final draft ready for review and adoption.

- Council Member Browning asked about water usage over the last 5 years (page 3) and if the fluctuation in those numbers was accurate. Lane explained the difference between the figures for 2013 and 2018 was partially influenced by the oil boom. Additionally, in 2018 the fill station was not included in the overall usage because he did not feel there was enough information to justify including the numbers in the report. Only the residential usage was included in the 2018 calculations.
- Council Member Hamilton asked about page 4 item 4. Phase 2 was listed twice. Lane said the second phase 2 was a typo and should be phase 3. He will make sure Chuck Richins is aware of the mistake and have it corrected. Council Member Hamilton wondered if clerical errors could be corrected without having a whole new hearing. Mayor Rowley agreed.
- Council Member Browning said there was an "at at" in item 2 on page 4.
- Council Member Hamilton discussed the wording on page 1, third paragraph, last sentence. The way the sentence is structured it implies South Duchesne Culinary Water, Inc. is supplying Duchesne City with 450 gpm. The way the rest of the document is structured there shouldn't be any mistake as to who is supplying the water.
- Council Member Hamilton asked about the explanation below the rate table on page 5. Are the water rates increased over time to discourage over-usage? Lane explained that that language is used to allow the City to increase the water rates at its discretion without having to go back to the State and resubmit the report before the 5 years is up.
- Council Member Hamilton asked if the City is required to do all the conservation measures outlined in the report. Lane explained that the report lists things that the City could do if the funds are available. Council Member Hamilton commented that the way the report was written encourages Duchesne City to use less water than it has rights to and the excess will be used elsewhere. Lane explained that the water conservation plans are really designed to reign in water users on the Wasatch Front. Council Member Hamilton said Duchesne City should hang on to as many of its water rights as possible. Mayor Rowley said as much water as possible should be used to be

able to maintain those water rights. Lane explained that Duchesne City changed its water rights to say that the water was being used for either irrigation or sent to the treatment plant to produce culinary water. This ensures that all the water rights being used are accounted for and the water can be used wherever Duchesne City needs it.

- Council Member Peatross asked if Duchesne City has ever had to file a proof of beneficial use. Mayor Rowley explained that although Duchesne City has completed its 40-yr plan, the City had the option to put off filing with the State because it wasn't using all of its water rights. With the way the State has restructured water management, municipalities have 40 years instead of 5 years to prove usage. Council Member Peatross asked if the 40 years began when the water right was established. Mayor Rowley explained the time began when the legislature put the water rule plan into place in 2015 and municipalities have 40 years from the date a plan is filed with the State. Municipalities have been treated a little bit differently than other entities over the last 5 years when the State implemented the new management plan. Council Member Peatross asked if Duchesne City's water right could ever be contested. He then commented that anything could be contested and Mayor Rowley agreed.
- Council Member Hamilton commented that it didn't look like there was much opposition to this plan, referring to the number of people in the audience asking to speak at the hearing.
- Mayor Rowley asked if anyone else had any comments. There were no more questions or comments. The public hearing was closed at 6:19 pm.

6. Water Management & Conservation Plan

Minutes:

MOTION by Council Member Hamilton, seconded by Council Member Browning to adopt the Water Management & Conservation Plan as written with grammatical corrections as discussed.

- Council Member Baker – Aye
- Council Member Browning – Aye
- Council Member Hamilton – Aye
- Council Member Mecham – Aye
- Council Member Peatross – Aye

Motion carried by unanimous vote.

7. Kinder Morgan Airport Easement

Minutes:

Stan Wisniewski distributed a summary of the easement proposal to the Council with exhibit A showing the original proposal. Because of a planned water tank and water lines, an alternative proposal, exhibit B, is also being considered. This new easement would run along the south side of the airport access road on airport property. Exhibit C shows an existing easement on airport property but may not be sufficient to support an additional pipeline. This easement is currently being surveyed. There is also a time crunch because the new well on the EP parcel is going to be drilled within the next 2 weeks. If the existing right of way in Exhibit C can be used then Kinder Morgan would only need right of ways on the north and south ends of the strip and some temporary work space along the right of way. Council Member Peatross clarified that the easement would be on the east side of the fence. He also expressed concern that often easements of this kind come with overhead power lines. Stan said language could be included that says no above ground appurtenances. There would likely be a tie-in valve on the north and south ends but would not be anything substantial above ground. He will make sure the agreement will be written accordingly.

Council Member Peatross said the document brought before the Council last month showed a 30 ft easement on the map but the agreement actually said it was 40 ft. Stan said his supervisor, Cameron, and Mayor Rowley agreed to some changes. Stan distributed new documentation for the Council to review.

Council Member Browning asked for clarification on what is now being proposed. Mayor Rowley explained the differences between the old and new proposals. He said the new proposal is probably better for the City because the pipeline will run in the existing easement. Stan was not sure if the original easement was 30 ft or 40 ft.

Council Member Hamilton commented that Kinder Morgan will have to cross the road. They will have to get a road crossing permit from the entity that has jurisdiction.

Council Member Browning asked for clarification about the price Kinder-Morgan is offering for the easement. Stan is not sure because the final calculations can't be figured until the surveys associated with Exhibits B and C are complete.

Council Member Hamilton asked for clarification on where the line is actually being run. The proposal on Exhibit A does not work because the Central Utah Water Master Plan includes a 2 million gallon water tank right where Kinder Morgan wants to run their pipeline. The Council discussed where the pipeline will actually run.

Council Member Peatross asked if the legal description has been updated. Stan said it had not been updated yet because these changes were talked about only this morning.

Council Member Peatross asked what Stan needed from the Council. Stan said the feasibility for running the pipeline in the existing easement (Exhibit C) is still being worked out. He wanted the Council to be aware of any changes that might need to be made and help everyone be on the same page.

Council Member Hamilton suggested that JUB be consulted to look at the proposal to make sure there isn't anything that will conflict with the ongoing airport project.

Council Member Browning asked if there needed to be a motion to give the Mayor authority to sign an agreement since there won't be another Council meeting before the end of the year. Mayor Rowley said a motion was needed.

MOTION by Council Member Hamilton, seconded by Council Member Baker to allow Mayor Rowley to sign an agreement with Kinder-Morgan upon a positive outcome of meeting with JUB.

- Council Member Baker – Aye
- Council Member Browning – Aye
- Council Member Hamilton – Aye
- Council Member Mecham - Aye
- Council Member Peatross – Aye

Motion carried by unanimous vote.

8. East Duchesne Water Bill

Minutes:

Mayor Rowley distributed a copy of the East Duchesne bill that was compiled in December. He explained that East Duchesne has been going over their water right. Council Member Peatross clarified that this information is verifiable. Mayor Rowley explained that this information is based on the report produced by the water treatment plant. Council Member Browning asked if Duchesne City had an agreement in place. Mayor Rowley said there was an agreement in the past when Duchesne City and East Duchesne were in the Starvation Users Group but this group was dissolved several years ago and Duchesne City has not been in an agreement with them since then. Council Member Peatross asked if this bill represented a significant water use. Mayor Rowley explained it was not a significant amount of water but he wanted to make the Council aware of what was going on between the City and East Duchesne. He will be attending their next meeting and sitting down to talk with them about this issue. Council Member Mecham asked if a contract was needed. Mayor Rowley said a formal agreement needed to be in place so Duchesne would be paid fairly for the water being used. Council Member Baker said they shouldn't be treated any differently than any other water user the City sells water to. Council Member Mecham wondered why Duchesne City doesn't have an agreement in place with East Duchesne. Mayor Rowley is not sure why there is

not a contract in place with East Duchesne when there is one in place for every other entity Duchesne City deals with.

9. Planning And Zoning

Minutes:

Deb Herron reported that Planning and Zoning is working on a public survey that will be included in the General Plan. Cody Ivie found a guide produced by the CIB (Community Impact Board) to help guide entities through the General Plan process. Council Member Peatross asked when the public survey will be ready. Deb said she hopes to have a draft ready by the beginning of January. Once the draft is approved in P&Z it will be brought to the City Council for review and approval and then will go out to the public. Danita Hinton found a website that gives suggestions on how to conduct a dynamic survey that can be used over time to monitor progress on improvements within the city. Council Member Peatross asked if the survey would be available online. Deb said she would like to have the computer crunch the information as much as possible but she recognizes that not everyone is tech savvy so a paper version will be available. The biggest challenge will be to get people to respond so good data can be obtained.

Council Member Peatross asked for clarification about an item included in minutes from the November 18 meeting where Civco and Sunrise Engineers discussed the switchback trail suggested by the Mayor and City Council. Deb explained that the engineers had drawn the trail on the map going straight down Hillside Ave. all the way to Hwy 87. However in other discussions with Mayor Rowley and the City Council another route had been proposed that dropped off of Hillside Ave onto Duchesne Ave (a platted street, but not developed) and into the residential area on 200 N. The engineers are going to include this option on the County's Trails Master Plan.

10. 15 Minute Open Session

Minutes:

- Susan Hamilton approached the Council to discuss the purchase of Blk 12 Lot 54 by Joe Haslem. He would like to place a modular home on the property as a spec home. Joe is requesting a letter from Duchesne City stating that the lot is large enough to build on. Deb Herron will get the letter prepared and sent to Susan's office.
- Danita Hinton reported on what has been going on in the Arts Council.
 - The last Arts Council event happened on December 5 at the Centennial Building. The event was a great success and included a performance by the Community Orchestra, a paint night for adults and children, and

free arts and crafts provided by the FCCLA High School club members.

- There will be an event organized for New Year's Eve from 8 pm-12 am. The country western band Silver Strands will perform. This is a free event open to all families, couples, singles, old and young with babysitting available.
- Mona Farnsworth is the President Elect and will take over next year as President of the Duchesne Arts Council.
- Mayor Rowley commented that he attended the Community Orchestra's performance and was very impressed with the quality of the music and sound. Danita said that the Arts Council helps fund the Orchestra's music budget.
- Council Member Mecham clarified that the 15 Minute open session is limited to 15 minutes total. Each person presenting is limited to 3 minutes. If an individual needs more time then he/she needs to be on the agenda.

11. Book Of Complaints, Concerns And Comments

Minutes:

There were no new complaints.

12. Mayor And Council Review Of Old Business

Minutes:

- Mayor Rowley attended a luncheon today about how the State Tax Reform Bill will affect the Uintah Basin. There are shortfalls in every tax category except the taxes earmarked for education which has a \$2 billion excess. This new tax reform should lower taxes overall.
- Mayor Rowley met with the County Commissioners, DEQ, and DCWCD to discuss the problems with and the potential purchase of the South Duchesne Culinary Water, Inc. The Council discussed the problems with the system and concerns with purchasing the system.
- Council Member Peatross asked about Matt Skewes looking into disposing of unwanted cats. Mayor Rowley said Matt is still looking into this issue. The Mayor said Matt catches quite a few house cats and needs help from the neighborhoods in catching only the feral cats.
- Council Member Peatross asked about the grant for the trail alongside Hillside Ave. addressed in the minutes from the last City Council meeting. Mayor Rowley explained that the grant is from an Outdoor Recreation Group which is a 50% grant 50% match.
- Council Member Peatross asked about the EP Energy agreement. Mayor Rowley explained that he is concerned that EP is going to tear up the road

that Rocky Point uses to access their water pipe. Mayor Rowley is going to include language that will ensure EP takes responsibility for maintaining the road.

- Council Member Peatross asked if the letter to the Ute Tribe that was handed to the Council last month was delivered to the Tribe. Mayor Rowley said it was sent. Mayor Rowley is not sure how long it will take to get a response.
- Council Member Browning asked about the bowling alley and if anyone has been hired to manage it. Mayor Rowley said they have not hired anyone as a manager yet but they have hired Noah Spotten to help out. No one under the age of 18 is allowed in the back. Council Member Mecham asked if it was cost effective to have 3 people working together. Council Member Hamilton asked if the mystery of the missing groceries was solved. Mayor Rowley said there was no proof that groceries ever went missing. Council Member Browning asked about hiring Christine as the manager and how the nepotism rule applies. Council Member Baker suggested the Council seriously consider an alternate use for that building. The Council discussed what else the building could be used for and how to make the change. Mayor Rowley suggested a survey be sent out to get public feed back. Council Member Browning said the Recreation District will probably start meeting again after the new year begins. They had talked about sending out a survey.
- Council Member Browning said the Business Alliance has changed its meeting time. It will now meet on the 1st Tuesday of each month at 5 pm.

13. Work Session

Minutes:

There was no work session.

14. Executive Session

Minutes:

There was no executive session.

15. Adjournment

Minutes:

MOTION by Council Member Baker, seconded by Council Member Browning to adjourn at 7:23 pm.

- Council Member Baker – Aye
- Council Member Browning – Aye
- Council Member Hamilton – Aye
- Council Member Mecham - Aye

◦ Council Member Peatross – Aye
Motion carried by unanimous vote.

ATTEST

Rodney Rowley, Mayor _____

Kim Riggle, Recorder _____