

2024 WATER CONSERVATION PLAN UPDATE

(HAL Project No.: 340.12.100)

December 2024

LINDON CITY

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Brian Andrew Principal



December 2024

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Recognizing the need for proactive planning to meet the water needs of its citizens, the City of Lindon (City) has prepared this 2024 update of its Water Conservation Plan (Plan). The Plan describes the drinking water system, reviews historical water use, assess water conservation measures available to the City, sets goals to conserve water, and identifies existing and proposed water conservation measures to be implemented.

This plan is submitted to the Division of Water Resources under the requirements of Section 73-10-32 of the Utah Code.

SYSTEM PROFILE

Lindon City is located in northern Utah County approximately 37 miles south of Salt Lake City. The incorporated area of the city is approximately 8.6 square miles. The service area is shown in Figure 2-1. In 2023, the City reported to the Utah Division of Water Rights an estimated population of 12,360. The City anticipates steady growth until the available land is fully developed. Lindon estimates that within the next 30 years, the build out population will reach 16,064 residents (HAL, 2024). Water demands for the City are expected to increase accordingly.

At the end of 2023, the City had 3,596 connections to the drinking water system according to data provided by Lindon City. A summary of the current connections by type is included in Table 2-1.

Connection Type Total Connect			
Residential	3,108		
Commercial	219		
Industrial	188		
Institutional	81		
Total	3,596		

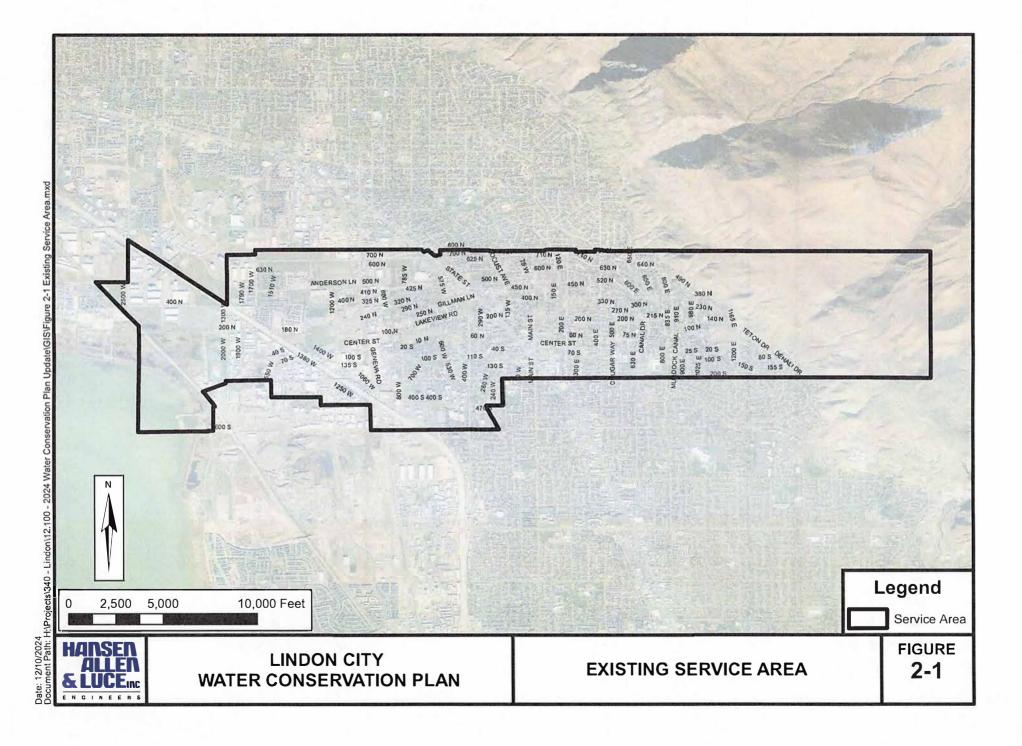
 Table 2-1

 2023 Drinking Water System Connections

DRINKING WATER SOURCES

Lindon City's drinking water system is served by Dry Canyon Springs located east of the city and four wells located between State Street and 400 East and Center Street and 700 N. The City also has 924 acre-feet of Contract Water from the Jordanelle Project of the Central Utah project. Table 2-2 categorizes the City's drinking water.

Table 2-2 Summary of Drinking Water Supply		
Source	Source Capacity (gpm)	
Well #1	673	
Well #2	200	
Well #3	700	
Well #4	2,000	
Dry Canyon Springs	45	
Total	3,618	



WATER RIGHTS

Based on the City's 2019 Water Conservation Plan, Lindon City owns a sufficient quantity of valid groundwater rights to meet expected future requirements. Table 2-3 summarizes the City's water rights.

	Summary of Wate		
Source	Water Rights	CFS	Present Yield (AF)
Well #1	55-416	1.1	806.559
Well #2	55-742	0.71	493.614
Well #3	55-4478	4.61	1,419.54
Well #4	55-4107	6.68	2,903.61
Dry Canyon Springs	55-6908	1.34	592.45
All Wells	55-286 55-1039 55-1040 55-1670 55-2298 55-2527 55-3206 55-3533 55-3534 55-7873 & 2520 55-8998 55-9400 55-12048 55-12052 55-12066 55-12164	0.16 0.52 0.67 2.23 0.75	92.092 30.8 77.72 135.97 0 0 50.4 9.57 2.57 90.38 30 14 5.6 1 12.92 21.11
Total 6,789.9			6,789.9

Table 2-3Summary of Water Rights

SECONDARY WATER SOURCES

To preserve drinking water sources and utilize lower quality water sources that may not be suitable for consumption, Lindon has developed a secondary water system to provide outdoor irrigation. At the end of 2023, the City had 2,853 connections on the secondary water system, according to data provided by Lindon City to the Division of Water Rights (DWRi). A summary of the current connections by type is included in Table 2-4.

Table 2-4 2023 Secondary Water System Connections				
Connection Type Total Connections				
Residential	2,898			
Commercial	1			
Industrial	57			
Institutional	49			
Total	3,005			

The water supply for the secondary system comes primarily from the Provo River delivered through the Provo Bench Canal Company/ North Union Irrigation Company canal and through the Alpine Aqueduct. This water is available to the City due to the shares owned by Lindon in various irrigation/canal companies as well as in the Deer Creek Project. Table 2-5 provides a summary of the shares of stock owned in several irrigation and canal companies and raw water providers.

Summary of City-Ow	med Stock in Local I	rigation Companies
Irrigation Company	Shares	Acre-Feet
North Union Irrigation Company	633.93	5,735
Provo Bench Canal	92.18	1,559.06
Provo Reservoir Water Users Company		
 Orem District Alpine District 	29.23 69.99	195.93 469.11
Central Utah Project	925.00	925.00
Provo Water Users Association	200.00	200.00
Hollow Water Users Company		
- Whole Streat - Half Stream	301.48 31.11	865.25 89.29
Cobbley Ditch Company	212.30	390.63
Spring Ditch & South Field Irrigation Company	32.05	-
_ Tota	al	10,429.27

 Table 2-5

 Summary of City-Owned Stock in Local Irrigation Companies

WATER USAGE

Culinary Water System

Lindon City utilizes all of the wells and the springs to meet culinary water demands throughout the year. The total monthly water deliveries for the culinary system for 2023 from all sources is shown in Figure 2-2. In 2023, Wells 1, 2, and 3 were utilized more to help slow the flow at Well 4. A VFD was also installed at Well 4 to throttle the well production back, resulting in a lower total usage.

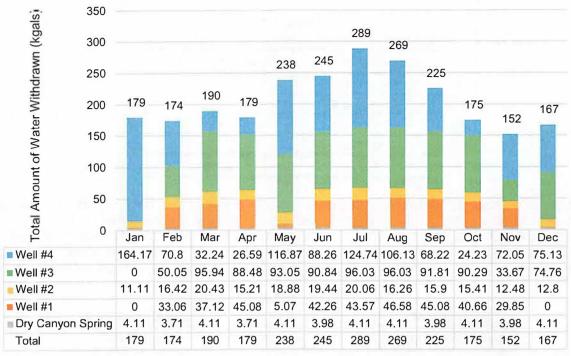
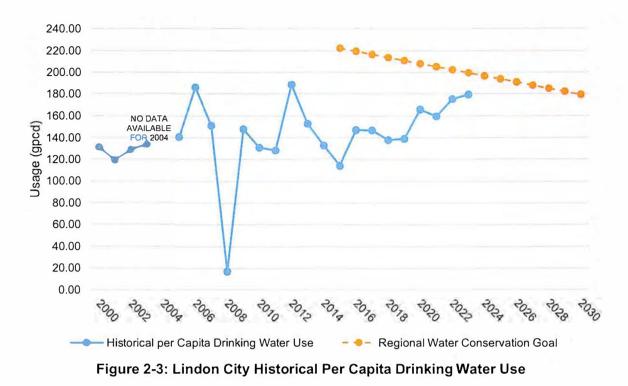


Figure 2-2: 2023 Total Drinking Water Withdrawals per Month

The City's historical drinking water use in gallons per capita per day (gpcd) is shown in Figure 2-3. Because total water use depends on the number of customers, per capita values are a better measure of individual water use over time. Per capita water usage is standardized measurement of water consumption that takes the total water volume throughout the year and divides it by the total population and days per year. It helps measure trends in water usage over time and provides a metric for assessing progress in conservation.

Annual per capita use was calculated from 2000 to 2023 with data reported to DWRi for drinking water. Lindon City's indoor gpcd is historically lower than the Regional Water Conservation goal. However, the City's water use is trending up. Additionally, it does not account for water usage from the secondary water system.



Secondary Water System

Lindon City utilizes shares in the North Union Canal to supply a majority of their Secondary Water. The total monthly water deliveries for the secondary system for 2023 from all sources is shown in Figure 2-4.

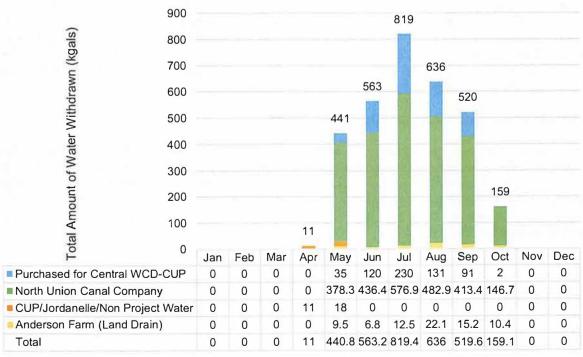


Figure 2-4: 2023 Total Secondary Water Withdrawals per Month

Water usage on the secondary system has not historically been measured. Production data available from DWRi goes back to 2019. Using the same exercise for drinking water, Figure 2-5 provides an illustration of historical per capita water usage from the secondary water system compared to the Regional Water Conservation Goals. The measurement is based on water production, not water usage. Actual water consumption may be lower as there are losses in the system.

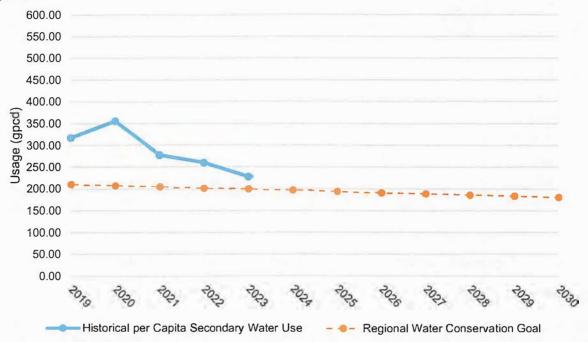


Figure 2-5: Lindon City Historical Per Capita Secondary Water Use

Figure 2-5 shows that the secondary water usage is higher than that of the Regional Water Conservation goal. Although, extensive efforts have been made to both measure and reduce outdoor watering usage in the last several years. The City has already seen a 28% reduction from 2019 to 2023. Current and future water conservation efforts will only help reduce usage further. In 2023 the City had installed meters on 100% of their secondary connections. It is anticipated that this effort paired with future tiered rates will continue to reduce consumption.

Drinking Water and Secondary Combined Usage

The combined drinking and secondary water usage is shown in Figure 2-6. Lindon's per capita usage is higher than the regional goal and the current statewide average of 240 gpcd. The main contributor is current outdoor watering usage. Lindon has larger than average lot sizes compared to many other municipalities in Utah County. Furthermore, residents could be overwatering their landscaping. Although, there has been significant effort to reduce excessive outdoor watering through education and metering.

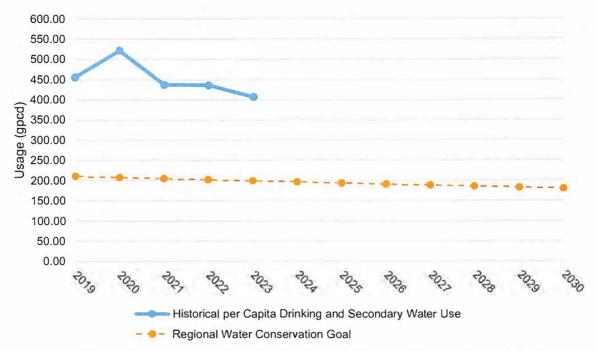


Figure 2-6: Lindon City Historical Per Capita Drinking and Secondary Water Use

Water usage since 2019 is trending down. The trend will continue to happen as future development comes in at a higher density, having less outdoor watering. Recent City ordinance requires new developments to install water efficient landscaping. Conservation is important to help ensure that adequate water is available for future development.

Population Projections

The Lindon City Planning Department employs full-time planners who provided input in the formulation of growth and population projections for the 2024 Drinking Water Master Plan (HAL, 2023). Historic and projected population through 2060 is shown in Figure 2-7.

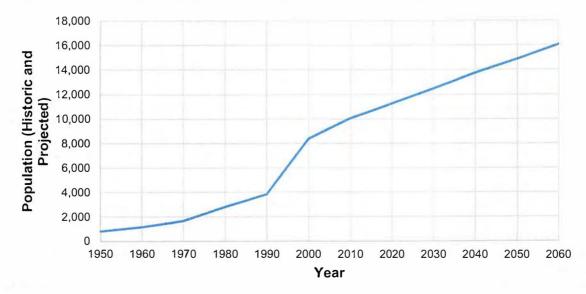


Figure 2-7: Lindon Historic and Projected Population

The City anticipates that most of the developable residential land within the City boundary will be developed within the next 10-years. Population projections were based on projected development and expected development densities. Population growth is expected to continue as infill developments and accessory apartments are constructed.

The 2023 General plan estimates that water usage in 2050 will be approximately 7,125,000 gallons per day (480 gpcd). With conservation, it is anticipated that volume will be 5,058,750 gallons per day (340 gpcd), saving 1,889,792 gallons per day.

A comparison of the reliable water supply versus the projected water supply is shown in Figure 2-8. Reliable water supply was determined to be the limiting component between physical water supply, water rights, and infrastructure capacity (Hopkins & Sowby, 2024). The Master Plans indicates that existing infrastructure is the limiting component of the peak day water supply. For annual capacity, the developed water rights are a better metric (see Master Plans for values).

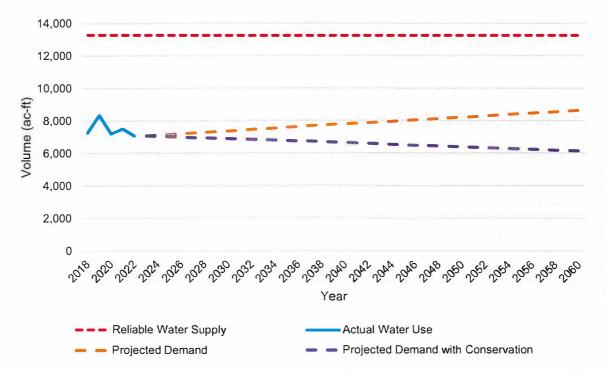


Figure 2-8: Lindon Projected Water Demand

Figure 2-8 shows there is sufficient paper water for future demands with and without conservation. Although, it does not account for the existing infrastructure limitations and redundancies. Water conservation will help ensure existing facilities can meet future water demands. Additionally, the available surface water and ground water supply may change, limiting the amount of water supply available each year.

Costs to reduce water demand through conservation are much cheaper than constructing new infrastructure. The Secondary Water Master Plan found that secondary water infrastructure is adequate to meet future demands if current use is reduced by 20%. Lindon City expects the installation cost of meter and service connections to be \$2.8 million. Capital costs to install the necessary infrastructure to meet future water demands without conservation is \$6.8 million. Conservation would save over \$4.0 million in capital costs and much more in operations and maintenance.

WATER MEASUREMENT

Culinary Water System

Water meters are critical to track water use and incentivize conservation. Percent of metered drinking water connections by type are summarized in Table 2-6.

	Percent Water Use			
Year	Residential	Commercial	Industrial	Institutional/ Other
2023	51.1%	22.4%	19.3%	7.1%
2022	51.9%	21.3%	19.7%	7.2%
2021	49.5%	21.9%	22.1%	6.5%
2020	52.1%	22.6%	19.6%	5.8%
2019	54.5%	20.9%	18.2%	6.3%
2018	50.8%	21.9%	21.2%	6.1%

Table 2-6			
Lindon City Percent M	letered Connecti	ons by Type of Use	

Table 2-7 compares the water produced by the City's drinking water sources to the metered water delivered to user from 2018 to 2023.

Year	Total Metered Use (ac-ft)	Total Source Production (ac-ft)	Estimated Water Loss
2023	1,456.67	2,481.21	41.3%
2022	1,403.13	2,452.46	42.8%
2021	1,454.49	2,096.37	30.6%
2020	1,521.03	2,167.97	29.8%
2019	1,307.82	1,808.84	27.7%
2018	1,285.97	1,762.88	26.9%

Table 2-7			
Comparison of Culinary Water Produced to Metered Water	Use		

The information in Table 2-7 indicates that a portion of the water supplied by the City's drinking water sources is consistently unaccounted for. Possible explanations for the unaccounted water use include leaks in the distribution system, meter inaccuracies, unmetered construction water, unmetered cleaning of sewer and storm drain systems, and unmetered semi-annual flushing of fire hydrants by the fire department. Lindon City has a replacement program focused on replacing infrastructure with significant water loss. It considers pipe condition, number of leaks, material, and age when determining pipeline replacement projects each year.

Secondary Water System

In the summer of 2023, Lindon City finished installing meters on every connection in the secondary water system. Figure 2-9 shows the number of metered connections from 2019 to 2023, including water usage per connection.

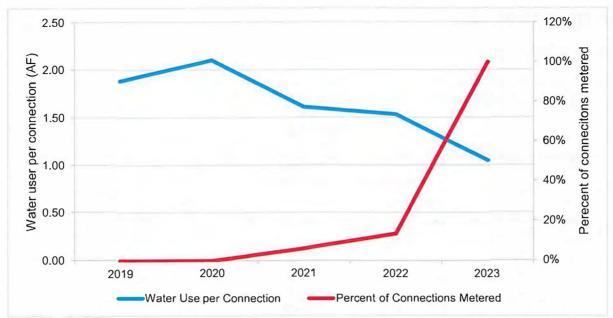


Figure 2-9: Lindon Secondary Water Usage per Connection vs. Percentage Metered

Trends indicate a decrease in water usage per connection with an increase in meter installations. In the 2019 Water Conservation Plan, Lindon City indicated that secondary metering would help reduce water usage. Meter installation was paired with water conservation education. It has been successful thus far and if paired with a future tiered rate, decreases in water usage may continue to occur. The 100% installation of meters will also help Lindon understand the current water usage and better track progress moving forward.

IDENTIFIED PROBLEMS

The City is concerned with the potential waste of water from inefficient indoor/outdoor water use and from system wide losses. The following specific concerns have been identified by the City:

- Water loss from line breaks or leaks in the system
- Unmetered water use from hydrants or contractors
- Illegal unmetered connections
- Water loss from leaks on the customer's side of the meter
- Customer's lack of education concerning landscape water requirements

GOALS

The City of Lindon has set goals to address the identified problems and to promote conservation. Based on Utah's Regional M&I Water Conservation Goals report (HAL and B&C, 2019), the regional water conservation goal for the Provo River Region is a 20% reduction from the 2015 baseline by 2030. The 2015 baseline was established as 222 gpcd, resulting in a goal of 179 gpcd by 2030. Lindon City's gpcd has historically been above the Regional Conservation goal when considering both indoor and outdoor water usage. The City's drinking water use has been trending up, while the secondary water usage has been trending down. The City will continue working to further conserve its water resources and meet or exceed the regional water conservation goal.

The following water conservation goals have been identified by the City:

- The City will continue to implement the water conservation measures currently in effect as defined in Chapter 4.
- The City will determine potential causes for unaccounted drinking water and attempt to reduce this water loss.

CHAPTER 4 – CONSERVATION MEASURES &

IMPLEMENTATION

Lindon City believes that water conservation is an important factor for allowing the City to meet water demands in the future. Current staff is aware of the conservation goals and work together to implement the goals. Water conservation efforts are coordinated by:

Juan Garrido Public Works Director, Water Conservation Officer 946 West Center Street Lindon, UT 84042 Ph. #801-796-7954

The Public Works Director is the City's designated Water Conservation Officer. Regular meetings will be held to review the plans and goals to verify that progress is made.

EXISTING CONSERVATION MEASURES

Table 4-1 identifies water conservation measures that are currently in effect and will continue to be implemented by the City.

Existing Conservation Measure	Implementation Plan
Public Education: Promote water conservation measures to City customers through public education. Provide more information for efficient outdoor watering including the fundamentals of water conservation.	 Advertise conservation measures through: City Center Public Works Elementary School Programs Lindon City Days Water bills
Water Rates: Promote water conservation, reduce peak water usage, and keep the system sustainable through a tiered rate structure.	Routinely evaluate water rates structure based on: • Revenue and rate stability • Equity and fairness • Affordability • Water Conservation • Simplicity
<u>Replacement Program for Old Pipelines:</u> Replace aging and corroding pipelines each year.	 Have a detailed replacement plan that focuses on replacing old/ undersized pipeline based on: Leak frequency. Typical service life. Pipe characteristics: age, material, and size. Helps establish an annual budget.
<u>Water Efficient Landscaping Ordinance</u> City code to ensure new development has waterwise landscaping.	Require new development to include water efficient landscaping. Focused on commercial, industrial, institutional, public agency, and residential development. Helps eliminate non-functional turf and encourage the use of native plants that require less water.

Table 4-1Existing Conservation Measures

Existing Conservation Measure	Implementation Plan
Secondary Water Meter Installation Use new meters to monitor usage and increase accountability.	Encourage the use of a pressurized irrigation system for landscaping if available. Promote outdoor water use guidelines.
Waterwise Landscaping Rebates Promote the available waterwise landscaping rebates.	Advertise waterwise landscaping rebates offered by Central Utah Water Conservancy District for converting residential landscapes to water wise designs through social media.

In addition to the current conservation efforts outlined in Table 4-1, Lindon City has a "Water Conservation Contingency Plan" that applies additional conservation measures during droughts. Table 4-2 provides a summary of each of the levels and associated measures.

Water Conservation Contingency Plan				
Level	Conservation Measures			
Level 1- Normal Supply	 Eliminate outside watering on all property from 10:00 am to 6:00 pm Promote voluntary public conservation measures Issue information to all customers on conservation procedures that each can accomplish around their property and within their own homes 			
<u>Level 2 – 75% of Normal</u> <u>Supply</u>	 Educate and inform the public on the water supply decreases Initiate mandatory public conservation measures Enforce outside watering restrictions including watering times and quantities 			
<u>Level 3 – 50% of Normal</u> <u>Supply</u>	 Strictly enforce all conservation policies with significant fines for non-compliance Physically restrict water supplies to (in order of priority): All irrigation systems Park properties and other non-essential support facilities Commercial business, restricting largest users first Residential areas Any other "non-life support" areas, insuring water supplies to hospital, hospices, and all other health care facilities, and controlled designated area water facilities 			

Table 4-2Water Conservation Contingency Plan

PROPOSED CONSERVATION MEASURES

Lindon City also proposes to implement the following water conservation measures over the next five years as outlined in Table 4-3. Progress meetings will happen yearly to measure progress on implementation and effectiveness of the programs.

Implementation Plan **Proposed Conservation Measure** Rates will be re-evaluated to determine water More Stringent Water Rate Structure: conservation effectiveness and necessary Continue to evaluate and update the water rate adjustments. Implement "Target Billing" to meet structure. revenue requirements while creating funding for the water conservation program from fees paid by those who waste water. **Replace Old Water Service Laterals:** Replace laterals with copper or poly water Continue to install new copper or poly laterals in services as leaks are detected and as part of any pipeline replacement project. place of steel galvanized or other laterals. Leak Detection Program: Increase water efficiency through: Implement leak detection technology. • Performing leak-detection testing for all water lines prior to new overlays of asphalt Performing annual leakage surveys to identify unsurfacing leaks on main pipelines and services. Meter Replacement: • Replace and install new water meters. Over time, all meters become less accurate in recording actual flows. This leads to lost revenue and inaccurate data. Turf Replacement Program: Encourage residents to remove grass, replacing it Promote water conservation measures through with waterwise plants. Provide a landscape conversion incentive. landscape conversions. Restrict Water Use for Commercial Landscaping: Develop a new ordinance to be adopted by the City Council. City to enforce installation of efficient Practice water-wise irrigation for commercial landscape irrigation design. facilities. Implement Low Impact Development strategies to Water Smart Infrastructure Techniques: Lindon City is required by the State of Utah to new development in the city, including residential, incorporate Low Impact Development techniques. commercial, industrial, public agency and institutional projects. Update ordinances to conserve water and Incorporate Water Use into Land Use Planning: implement goals of adopted master plans as Incorporate water planning into land use planning to accommodate growth while managing finite found in the following section. resources. **Plumbing Fixture Replacement:** Encourage inefficient fixture replacement by Incorporate plumbing fixture replacement incentivizing fixture replacements. Incentives can be provided through city cost sharing using incentives. revenues generated by penalty tiers in the rate schedule. Additional Public Education: Create a more comprehensive education program Continue to expand public education efforts. that focuses on: • Efficient water of lawns and gardens Landscaping with drought-resistant plants Use of low-flow plumbing fixtures Water-saving practices

Table 4-3
Proposed Additional Conservation Measures

Proposed Conservation Measure	Implementation Plan
Water Conservation Committee: Create a dedicated water conservation committee to focus on water conservation initiatives.	Create a water conservation committee consisting of community leaders, city staff, and residents to assist with the public education program, identify water use concerns, and recommend water conservation measures.
Additional Metering at City Facilities: Identify potential water use concerns at City facilities.	Metering water use at city parks and facilities may help identify potential water use concerns and opportunities for water conservation.
<u>Analysis of Metered Use Individual Connections:</u> Identify water loss or poor watering habits through the analysis of meter use individual connections.	Compare metered use to water use metered at water sources. Use meter data to determine if water loss is occurring through non-metered connections, faulty meters, or undetected leaks.
Protect and Preserve Watershed Areas: Lindon City has a number of watershed areas including wetlands, riparian corridors, lakefront, wildfire prone areas, and water supply watersheds that need to be properly protected.	Map sensitive areas and adopt ordinances to ensure proper protection of watershed areas including wetlands, riparian corridors, lakefront, wildfire prone areas, and water supply watersheds.

WATER USE GUIDELINES

In the 2023 General Plan, several guidelines are provided for reducing indoor and outdoor water use. Main strategies for reducing indoor water use are as follows:

- Check all indoor fixtures for leaks such as toilets, sinks, faucets, and other plumbing.
- Repair any identified leaks.
- Install water efficient fixtures such as toilets and low flow shower heads.
- Avoid letting water run while brushing teeth and try taking shorter showers.

Guidelines to reduce outdoor water use can have a significant impact and can greatly reduce water demands. The main strategies include:

- Not using water from the drinking water system for outdoor watering.
- Avoid overwatering by learning the proper amount of water that needs to be applied to different landscaping.
- Check sprinkler systems for leaks and in all valves, pipes, faucets, and hoses, making the necessary repairs. Can evaluate if the system has leaks by closing all faucets and evaluating if the meter values are still increasing.
- Install smart controllers that reduce overwatering by tracking weather patterns. Rebates are available through Central Utah Water Conservancy District.

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APPENDIX A: LINDON RATE STRUCTURE



APPROVED BUDGET FEE SCHEDULE

Cancellation Fee - for all rentals except Aquatics Center (Last updated 10/15/2019 with Resolution 2019-23-R)

- More than 5 days notice
- 1-5 days notice
- Less than 1 day notice

\$10.00 50% of Rental Fee 100% of Rental Fee

INDON

UTILITIES

ALL RATES ARE MONTHLY UNLESS OTHERWISE NOTED

Culinary Water

(Last updated 6/03/2024 with Resolution 2024-12-R)

- Base Rate Occupancy type based on Table 403.1 in 2015 International Plumbing Code as currently adopted or as may be amended.
 - Single Family Residential (R-3, R-4)
 - 1 base rate fee covers up to 2 units (home + accessory apartment)
 - Base rate is based on meter size and water zone
 - Multi-family Residential (R-2)
 - 1/2 base rate fee of 1" meter per unit
 - Base rate is based on water zone
 - Other Residential (R-1, R-2 [dormitories]; Institutional)
 - ¹/₄ base rate fee of 1" meter per unit
 - Base rate is based on water zone
 - Non-Residential
 - 1 base rate fee per meter
 - Base rate is based on meter size and water zone

	METER SIZE						
ZONES	1"	11/2"	2"	3"	4"	6"	8"
Below North Union Canal	\$30.55	\$61.10	\$97.76	\$213.85	\$384.93	\$794.29	\$977.59
Above North Union Canal	\$35.47	\$66.02	\$102.68	\$218.77	\$389.85	\$799.22	\$982.52
Upper Foothills	\$51.15	\$81.70	\$118.36	\$234.45	\$405.53	\$814.89	\$998.19

Usage Rate per 1,000 gallons

	BLOCK				
ZONES	1	2	3	4	
Below North Union Canal	\$1.82	\$2.38	\$3.20	\$4.38	
Above North Union Canal	\$2.25	\$2.93	\$3.94	\$5.40	
Upper Foothills	\$2.25	\$2.93	\$3.94	\$5.40	

2024-2025

APPROVED BUDGET FEE SCHEDULE

LINDON

Thousands of Gallons of Water Included in Each Block of Water

Meter	Block of Water (thousands of gallons)					
Size	1	2	3	4		
1"	0-6	7-12	13-24	more than 24		
1½"	0-12	13-24	25-48	more than 48		
2"	0-19	20-38	39-77	more than 77		
3"	0-42	43-84	85-168	more than 168		
4"	0-76	77-151	152-302	more than 302		
6"	0-156	157-312	313-624	more than 624		
8"	0-192	193-384	385-768	more than 768		

Deposit (one time)

 Owner (Residential or Business) Resident that files Bankruptcy Business that files Bankruptcy Customers filing bankruptcy will be given 30 days to pay deposit. ≥ 	None \$250.00 \$500.00
 Garbage (Residential Only) (Last updated 6/03/2024 with Resolution 2024-12-R) First garbage can Each additional garbage can 	\$12.43 \$10.66
Groundwater Pumping (where available) (Last updated 6/20/2022 with Ordinance 2022-8-0)	\$12.36
Late Fee (on past due balance, charged monthly)	\$10.00
Reconnect Fee (per incident)	\$50.00
Recycling, per can (Last updated 6/03/2024 with Resolution 2024-12-R)	\$5.25
Secondary Water (Last updated 3/21/2022 with Resolution 2022-5-R) Non-Agricultural Lots up to 11,000 sq. ft. Lots 11,001 - 21,000 sq. ft. Lots 21,001 - 28,000 sq. ft. Lots 28,001 - 40,000 sq. ft. Lots 40,001 - 60,000 sq. ft. Lots 60,001 - 80,000 sq. ft. Lots 80,001 - 87,120 sq. ft.	\$8.00 \$10.00 \$15.00 \$20.00 \$30.00 \$40.00 \$50.00
 Lots 2 acres or more » Base rate » Each ¼ acre (or part thereof) 	\$50.00 \$3.00

2024-2025

APPROVED BUDGET FEE SCHEDULE **INDON**

 Metered secondary water (in addition to fee based on lot size; for Anderson Farms Development Area only - map on file)

	Meter Size	≤1"	1.5"	2"	3"	4"	
	Base Rate	\$6.58	\$13.16	\$21.06	\$46.07	\$82.93	
• • Sew	» If using u gricultural rate Base rate Each acre (treated wa untreated we or part the land is tha ler identifia	ter water reof) at which is able agron on 2024-12-R)	planted in omy produ	to pasture, icts and ca	, hay, grains an be subdiv	
	urrently adopt				Internation		y coue as
•	Single Fami	ily Resider	ntial (R-3, I	R-4)			\$26.54
•	Multi-family (½ base Other Resic	Residentia rate fee fo	al (R-2), pe or Single F I, R-2 (dor	er unit amily Res mitories);	idential) Institutiona	accessory a al), per unit	partment) \$13.27 \$6.64
•	Non-Reside		•				\$26.54
= U	sage rate per			inization			\$3.50
	For custome For custome water usage	ers without	t pressuriz	ed irrigatio			average winter
Stor	m Water Utili	ty Fee					\$11.45
C	ast updated 6/03/202 harged per Ec ommercial use	quivalent S	Service Un		ith credits	available fo	r industrial and
(La	y Sign-up Fe ast updated 6/18/201 tility Agreeme	9 with Ordinand	ce 2019-11-O)		ces comm	ence.	\$10.00
	y Shut-off No ast updated 3/21/202			nt)			\$5.00

Lindon City does not pay interest on deposits or bonds held by the city.

APPENDIX B: LINDON CITY BOARD ADOPTION OF CONSERVATION PLAN

RESOLUTION NO. 2024-36-R

RESOLUTION APPROVING THE LINDON CITY WATER CONSERVATION PLAN FOR SUBMITTAL TO THE UTAH DIVISION OF WATER RESOURCES AS REQUIRED BY UTAH CODE 73-10-32, AND SETTING AN EFFECTIVE DATE.

WHEREAS, Utah Code 73-10-32 requires a Water Conservation Plan to be adopted by the City and revised every five years and re-submitted to the Division of Water Resources with the plan outlining specific water use reduction goals and conservation measures; and

WHEREAS, in 2005 Lindon City adopted Section 13.32 'Water Conservation Plan Ordinance' into the Lindon City Code and adopted a Water Conservation Plan as required by the State; and

WHEREAS, Lindon City amended the Water Conservation Plan in 2014 (adopted in March 2015) as required by the State and said plan was subsequently updated in 2019 and is required to be amended again in 2024; and

WHEREAS, a public hearing to accept comment on the updated 2024 plan was held on December 16, 2024; and

WHEREAS, the Municipal Council of Lindon City desires to adopt the amended 2024 Water Conservation Plan to ensure prudent use of its water resources for the wellbeing of its citizens.

NOW THEREFORE, BE IT RESOLVED by the City Council of Lindon City, Utah County, State of Utah, as follows:

- Section 1: The 2024 Lindon City Water Conservation Plan is adopted as attached as 'Exhibit A'; and
- Section 2: This Resolution shall take effect immediately upon its passage by the Lindon City Council.

Passed and adopted by the Lindon City Council this 16th day of December, 2024.

Attest:

Britni Laidler, City Recorder

Lundberg, Mayor SEAL

- 2 The Lindon City Council regularly scheduled meeting on **Monday, December 16, 2024**, **at 5:15 pm** in the Lindon City Center, City Council Chambers, 100 North State Street,
- 4 Lindon, Utah.

6 **<u>REGULAR SESSION</u> – 5:15 P.M.**

8	Conducting:	Carolyn Lundberg, Mayor
	Invocation:	Jake Hoyt, Councilmember
10	Pledge of Allegiance:	Van Hunter

12 PRESENT

EXCUSED

Brian Haws, City Attorney

Carolyn Lundberg, Mayor14 Jake Hoyt, CouncilmemberVan Broderick, Councilmember

- 16 Cole Hooley, Councilmember Steve Stewart, Councilmember
- 18 Lincoln Jacobs, Councilmember Adam Cowie, City Administrator
- 20 Mike Florence, Community Development Director Juan Garrido, Public Works Director
- 22 Britni Laidler, City Recorder
- 24 **1.** <u>Call to Order/Roll Call</u> The meeting was called to order at 5:15 p.m.

26 **2. Presentations and Announcements:**

- a) Chief Brower presented Officer Harmon and Lindon's newest K9 narcotic detection dog, Sjef to the council. Officer Harmon stated that the Sjef has already been certified to recognize 4 drugs and is continuing the work towards certifying with other drugs. Chief Brower then acknowledged Ed Daley and Koleton Daley for their donation to their department to allow for this K9. He stated that he also wanted to give thanks to the Daley's for this donation and other donations that have helped the Police Department bring greater safety to their officers.
 - b) Comment / Announcements from Mayor and Council members.
- 38

36

3. <u>Open Session for Public Comment</u> – Mayor Lundberg called for any public
 40 comments. The following comments were made:

42 <u>Conner & Lauren Weldon:</u> wanted to address the issues with some damage that happened to their business property. They also wanted to address concerns that they had regarding a

44 water shut off event happening, and their worry that when the water is turned back on the pressure from that water will cause damage to their pipes and properties.

- 2 Juan Garrido, Public Works Director, addressed those concerns explaining the process with the controlled shut off and turning back on processes.
- 4

4. COUNCIL REPORTS:

6

- **Councilmember Hovt** Councilmember Hovt reported that he was able to attend the 8 Lindon Light Parade and stated it was a crowded well attended event. He then closed with a Police Department update stating their officers have been busy in many ways, 10 ranging from giving back to the community along with responding to criminal instances such as an ATM robbery and illegal dumping. 12 Councilmember Broderick – Councilmember Broderick reported that he was also able 14 to attend the Light Parade and stated it was a fun event. He then gave a quick water crossways update, and thanked Public Works for their work. 16
- **Councilmember Stewart** Councilmember Stewart reported that the Youth Council was 18 able to have a tour of the Planning Department at their last meeting and stated Mike Florence was able to also help answer some questions for the youth to prepare them for
- 20 the upcoming day at the legislature. He closed by stating time is running out to get a ticket to the Senior Centers Noon Years Eve party.
- 22

Councilmember Jacobs - Councilmember Jacobs reported that the Parks and Recreation 24 department always puts on amazing events for the public and that he had a great time at

- the light parade that they recently put on. He then stated that North Point Solid Waste
- Station will be doing some onsite construction coming up soon. He closed by stating that 26
- he has received great positive feedback from people working with the Planning Department, and thanked Mike Florence and his department for all they do. 28
- 30 **Councilmember Hooley** – Councilmember Hooley stated he has no updates at this time.
- 32 Mayor Lundberg – Mayor Lundberg reported on UIA Board meeting she was able to attend earlier this week, and stated they are continuing to have more subscribers and
- 34 doing well. She then stated that she was able to attend meetings with sister cities in the early stages of the school district configuration and gave some insight to those meetings
- 36 and closed with a quick UTA Mass transit update.

38	5.	Administrator'	s Repoi	rt

Mr. Cowie reported on the following items:

- Next regular meetings: January 6th, January 21st (TUESDAY)
 - January Newsletter: Mike Florence
- 42

40

- Dec 19th at Noon employee Christmas party lunch at Community Center
- City offices closed Dec 24th at noon; Dec 25th -26th; January 1st.
- Misc. Item 44 •

- 2 **6.** <u>Approval of Minutes</u> The minutes of the regular City Council meeting of December 2, 2024 were reviewed.
- 4

COUNCILMEMBER HOYT MOVED TO APPROVE THE MINUTES OF THE REGULAR CITY COUNCIL MEETING OF DECEMBER 2, 2024 AS PRESENTED.

6 REGULAR CITY COUNCIL MEETING OF DECEMBER 2, 2024 AS PRESENTED. COUNCILMEMBER BRODERICK SECONDED THE MOTION. THE VOTE WAS

8	RECORDED AS FOLLOWS:	
	COUNCILMEMBER HOYT	AYE
10	COUNCILMEMBER BRODERICK	AYE
	COUNCILMEMBER HOOLEY	AYE
12	COUNCILMEMBER STEWART	AYE
	COUNCILMEMBER JACOBS	AYE
14	THE MOTION CARDIER INTAMINO	TOT V

14 THE MOTION CARRIED UNANIMOUSLY.

- 16 7. <u>Consent Agenda Items</u> Items do not require public comment or discussion and can all be approved by a single motion. The following consent agenda item was presented for approval.
- 20 *a) There are no consent agenda items.*

22 CURRENT BUSINESS

- 24 8. Discussion Item: The City Council will meet with State Legislators that represent the Lindon area to receive updates on legislative matters and discuss needs and issues of common interest.
- 28 State Legislators Val Peterson, Brady Brammer and David Shallenberger were present and discussed with the council on the following topics:
- 30

32

36

38

- Transportation funding needs
- PG/Lindon Interchange & frontage road improvements
 - Vineyard Connector
- Housing
 - o Current lots
 - o ADU's
 - o Multi-family units
 - Lindon's 5 strategies for moderate income housing goal
- Surplus School Land why it can't be transferred to another government entity
 instead of sold, which essentially cost taxpayers twice for use of the same property
- 42

Mayor Lundberg called for any further discussion or comments from the Council. Hearing none she moved to the next agenda item.

2

4

- 9. Development Agreement Amendment WICP West Orem 4 LLC 625 N. 2800 W.; Resolution 2024-35-R. WICP Commercial requests an amendment to their development agreement that was entered into with Lindon City on June 13, 2024 (#67:013:0004)
- 6

Mike Florence, Community Development Director, presented this item and noted that Conner and Lauren Weldon were present to represent the applicant. He began by reminding the council that they approved a zone change for this property from CG-A8 to

- 10 Mixed Commercial back on February 5, 2024. He also noted that the development agreement that was approved on that date, was signed by the developer on June 13, 2024.
- 12 Mr. Florence then stated that the original agreement approved a building layout which allowed for 4 semi-truck loading docks on the west side of the building. He then
- 14 presented the purpose of the proposed amendment to the development agreement is that the developer is requesting to add three additional docks on the north side of the building,
- 16 while reducing the west side loading docks to three. This amendment also has some slight changes to the overall height of the building, and he noted that the planning commission
- 18 added to the development agreement that canopies be required. He closed by noting that the applicant wanted to also have better screening on the docks on the west side of the
- 20 building, which was also added to the proposed amendment changes. General discussion followed.
- 22

Mayor Lundberg called for any further discussion or comments from the Council. Hearing none she called for a motion.

- 26 COUNCILMEMBER JACOBS MOVED TO APPROVE RESOLUTION 2024-35-R TO AMEND THE OREM WEST 4 DEVELOPMENT AGREEMENT AS PRESENTED. COUNCILMEMBER STEWART SECONDED THE MOTION. THE 28 VOTE WAS RECORDED AS FOLLOWS: COUNCILMEMBER HOYT NAY 30 COUNCILMEMBER BRODERICK AYE COUNCILMEMBER HOOLEY NAY 32 COUNCILMEMBER STEWART AYE 34 **COUNCILMEMBER JACOBS** AYE THE MOTION CARRIED UNANIMOUSLY. 36 Councilmember Hoyt stated the reasoning for his nay vote has to do with the 38 added bays seemingly making it more of a warehouse feeling than retail.
- 40 Councilmember Hooley stated his reasoning for his nay vote as he feels these amendments are also going more towards warehouse use than a retail use.
- 42

44

10. Public Hearing: Water Conservation Plan; Resolution #2024-36-R. The city council will review and consider adoption of the 2024 Water Conservation Plan.

2	Juan Garrido, Public Works Director, presented this item. He began by giving an
	overview of the Water Conservation plan stating this is an update of their current plan,
4	

4 that will continue until the next update in 5 years.

COUNCILMEMBER BRODERICK MOVED TO OPEN THE PUBLIC HEARING. COUNCILMEMBER STEWART SECONDED THE MOTION. THE MOTION CARRIED.

- 10 Councilmember Jacobs inquired about the water loss estimate trends. Mr. Garrido addressed those questions stating that the city is taking proper measures to update and
- 12 replace valves to reduce water leaks. Councilmember Hooley inquired about the water conservation contingency plan and asked for a little more information on the Level 2
- 14 plan. Mr. Garrido took time to address those questions to clarify what is defined in that plan. General discussion followed.
- 16

COUNCILMEMBER STEWART MOVED TO OPEN THE PUBLIC 18 HEARING. COUNCIL MEMBER BRODERICK SECONDED THE MOTION. THE MOTION CARRIED.

20

Mayor Lundberg called for any further discussion or comments from the Council. Hearing none she called for a motion.

24 COUNCILMEMBER STEWART MOVED TO APPROVE RESOLUTION
 2024-36-R AS PRESENTED. COUNCILMEMBER BRODERICK SECONDED THE
 26 MOTION. THE VOTE WAS RECORDED AS FOLLOWS:

20	MOTION, THE VOTE WAS RECORD	
	COUNCILMEMBER HOYT	AYE
28	COUNCILMEMBER BRODERICK	AYE
	COUNCILMEMBER HOOLEY	AYE
30	COUNCILMEMBER STEWART	AYE
	COUNCILMEMBER JACOBS	AYE
22	THE MOTION CADDLED INTANIAO	LICT V

- 32 THE MOTION CARRIED UNANIMOUSLY.
- 11. Review & Action: Interlocal Agreement for School District formation. The Council will review and consider an interlocal agreement between Lindon,
 Pleasant Grove, Orem and Vineyard which details intent to cooperate in forming a reorganized school district per State requirements.
- 38
- Adam Cowie, City Administrator, presented this item. He went over the interlocal agreement regarding activities related to the formation of the new school district. General discussion followed.
- 42 Mayor Lundberg called for any further discussion or comments from the Council. Hearing none she called for a motion.

44

2	COUNCILMEMBER STEWART MOVED TO APPROVE THE INTERLOCAL
4	AGREEMENT FOR SCHOOL DISTRICT FORMATION AS PRESENTED. COUNCILMEMBER HOYT SECONDED THE MOTION. THE VOTE WAS
<i>.</i>	RECORDED AS FOLLOWS:
6	COUNCILMEMBER HOYT AYE
0	COUNCILMEMBER BRODERICK AYE
8	COUNCILMEMBER HOOLEY AYE COUNCILMEMBER STEWART AYE
10	COUNCILMEMBER STEWART AYE COUNCILMEMBER JACOBS AYE
10	THE MOTION CARRIED UNANIMOUSLY.
12	THE MOTION CARRIED UNANIMOUSLY.
12	12. Review & Action: Resolution #2024-37-R; 2025 Council Liaison & Mayor Pro-
14	tem Assignments; appointment of individuals to represent the city on future
17	school district reorganization committees.
16	sensor district reorganization committees.
10	Mayor Lundberg presented the Council Liaison & Mayor Pro-tem assignments for
18	the 2025 and the appointments for the future school reorganization committees.
20	Mayor Lundberg called for any further discussion or comments from the Council.
	Hearing none she called for a motion.
22	
	COUNCILMEMBER HOYT MOVED TO APPROVE RESOLUTION 2024-37-
24	R AS PRESENTED. COUNCILMEMBER JACOBS SECONDED THE MOTION. THE
	VOTE WAS RECORDED AS FOLLOWS:
26	COUNCILMEMBER HOYT AYE
	COUNCILMEMBER BRODERICK AYE
28	COUNCILMEMBER HOOLEY AYE
•	COUNCILMEMBER STEWART AYE
30	COUNCILMEMBER JACOBS AYE
22	THE MOTION CARRIED UNANIMOUSLY.
32	12 Deview & Actions Utab County Interlocal Agreement for Homeless Services
34	13. Review & Action: Utah County Interlocal Agreement for Homeless Services. The Council will Scan or click here for link to download agenda & staff report
34	materials: Lindon City Council Agenda – December 16, 2024 Page 2 of 2 review
36	and consider a request by Utah County to donate approximately \$1,250 annually
50	towards the Utah County Warming Centers.
38	towards the Otan County Warning Centers.
50	Adam Cowie, City Administrator, presented this item. He noted that this will be
40	an annual amount of \$1,250 that will be donated towards the Utah County Warming
	Centers.
42	Mayor Lundberg called for any further discussion or comments from the Council.
	Hearing none she called for a motion.
44	-

2	COUNCILMEMBER BRODERICK MOVED TO APPROVE THE UTAH
	COUNTY INTERLOCAL AGREEMENT FOR DONATION TO THE HOMELESS
4	WARMING CENTERS AS PRESENTED. COUNCILMEMBER STEWART
	SECONDED THE MOTION. THE VOTE WAS RECORDED AS FOLLOWS:
6	COUNCILMEMBER HOYT AYE
U	COUNCILMEMBER BRODERICK AYE
8	COUNCILMEMBER HOOLEY AYE
0	COUNCILMEMBER STEWART AYE
10	COUNCILMEMBER JACOBS AYE
10	THE MOTION CARRIED UNANIMOUSLY.
12	THE MOTION CARRIED UNANIMOUSET.
12	14. Discussion Item: Miscellaneous administrative issues pertaining to public
14	
14	meeting procedures for pending applications; projects that may require funding
17	assistance; sewer capacity matters.
16	A low Corris City A locinistante a manual 14 is item. II. manual 14 is full-series
10	Adam Cowie, City Administrator, presented this item. He presented the following
18	items with general discussion following.
•	
20	Public meeting procedures for pending applications
	 Projects that may require funding assistance
22	 Sewer capacity matters - Sewer capacity on Sewer Lift #4 discussed
24	Mayor Lundberg called for any further discussion or comments from the Council.
	Hearing none she moved to the next agenda item.
26	
	15. Closed Session - The City Council will discuss potential purchase or sale of real
28	property and pending or possible litigation per Utah Code 52-4-205(1)(e) & 52-4-
	205(1)(c). This session is closed to the general public.
30	
	Due to Brian Haws, City Prosecutor, being absent the council decided not to go
32	into a closed session.
34	<u>Adjourn –</u>
36	COUNCILMEMBER HOYT MOVED TO ADJOURN THE MEETING AT 8:20
	PM. COUNCILMEMBER BRODERICK SECONDED THE MOTION. ALL
38	PRESENT VOTED IN FAVOR. THE MOTION CARRIED.
40	Approved – January 6, 2025
42	
	Britni Laidler, City Recorder
44	
	Carolyn O. Lundberg, Mayor
	Lindon City Council December 16, 2024 Page 7 of 7
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Lindon City 100 North State Street Lindon, UT 84042-1808



TEL 801-785-5043 FAX 801-785-4510 www.lindon.gov

NOTICE OF PUBLIC HEARING

Lindon City Council will hold a public hearing at 5:15 P.M. on Monday, December 16, 2024 at the Lindon City Center, 100 North State Street, Lindon, UT to consider adoption of the 2024 Lindon City Water Conservation Plan. Interested parties are invited to attend and make comment.

Staff Reports and application materials for the agenda items above are available for review at Lindon City Administration offices, located at 100 N. State Street, Lindon, UT. For specific questions on agenda items our Staff may be contacted directly at (801)785-5043. City Codes and ordinances are available on the City web site found at <u>www.lindoncity.org</u>. The City of Lindon, in compliance with the Americans with Disabilities Act, provides accommodations and auxiliary communicative aids and services for all those citizens in need of assistance. Persons requesting these accommodations for City-sponsored public meetings, services programs or events should call Britni Laidler at 785-5043, giving at least 24 hours notice.

CERTIFICATE OF POSTING:

I certify that the above notice and agenda was posted in six public places within the Lindon City limits and on the State (http://pmn.utah.gov) and City (www.lindoncity.org) websites. Posted by: /s/ Britni Laidler, City Recorder Date: December 12, 2024; Time: 9:00 a.m.; Place: Lindon City Center, Lindon Police Dept., Lindon Community Development, Lindon Public Works, Lindon Community Center, Lindon Justice Court