



255 North Main Street • Logan, Utah 84321 • Phone (435) 750-9800 • FAX (435) 752-3720

April 29, 1999

Lyle Summers, Chief
Water Conservation,
Division of Water Resources
1594 West North Temple, Suite 310
Box 146201
Salt Lake City, Utah 84114-6201

Enclosed is the water conservation plan for the City of Logan. If you have any questions please call me at (435) 750-9824

Sincerely,

Michael Mecham, P.E.
City Engineer

*Here is our water
conservation plan
also note the municipal
code (13.08.050) states the
Mayor has authority to dictate the
limitations of water
Mike
4/18/2001*

**CITY OF LOGAN
RESOLUTION NO. 99-41**

A RESOLUTION ADOPTING A WATER CONSERVATION PLAN

WHEREAS, the City of Logan operates a water utility; and

WHEREAS, the 1998 Utah State Legislature mandated that all water utilities and cities providing water develop a Water Conservation Plan; and

WHEREAS, the City of Logan Water and Sewer Board has reviewed the attached Water Conservation Plan and recommends its adoption,

NOW THEREFORE, BE IT RESOLVED BY THE LOGAN MUNICIPAL COUNCIL, STATE OF UTAH that the Water Conservation Plan attached hereto, is hereby adopted and approved, and the City Engineer is directed to submit the Plan to the appropriate State office.

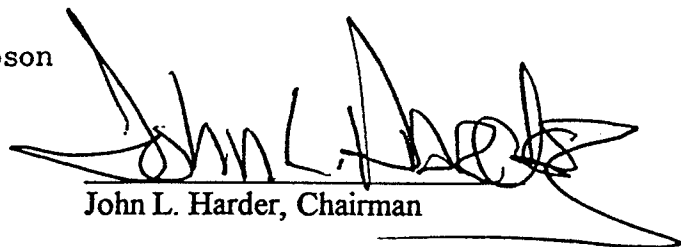
This resolution shall take effect immediately upon its adoption and approval.

PASSED BY THE LOGAN MUNICIPAL COUNCIL THIS 21st DAY OF April, 1999.

AYES: Harder, Pearce, Allred Thompson

NAYS: None

ABSENT Borg


John L. Harder, Chairman

ATTEST:


Lois Price, City Recorder

3/21/99

DRAFT

WATER CONSERVATION PLAN

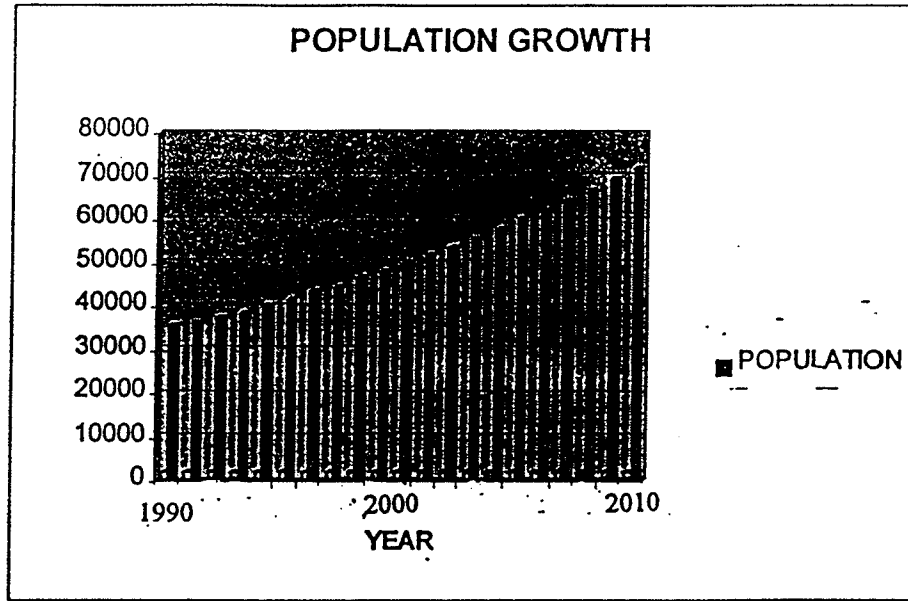
FOR

CITY OF LOGAN

February 1999

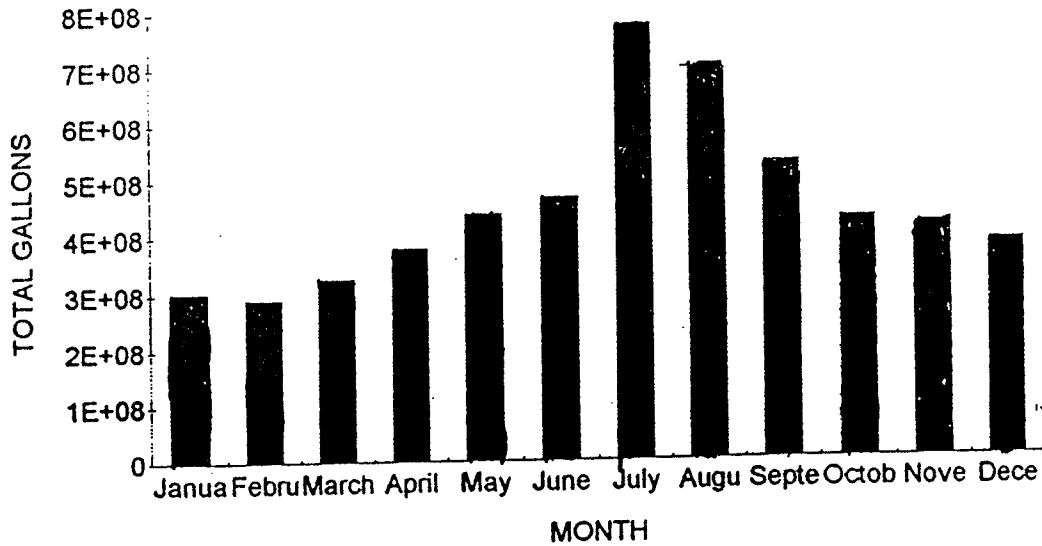
DESCRIPTION OF THE CITY

The City of Logan has been experiencing significant residential, commercial, and industrial growth in the last decade. The extent of the City's growth is shown on the following chart:



The City's water comes from Dewitt spring located about 5 miles from the mouth of Logan Canyon and four wells located throughout the City. Approximately 4.6 billion gallons of water were withdrawn from Dewitt Spring in 1998 and another 856 million gallons from the wells in the City. On average the residents of Logan use about 14 million gallons per day. The following chart shows the monthly usage for 1998. The winter demands are typically satisfied by Dewitt Spring and the well at 700 North and 600 East. The other wells are used for the large summertime and demands.

1998 MONTHLY WATER USE



Future water for the City will come from additional wells to be constructed throughout the City.

INVENTORY OF WATER RESOURCES

The city has the following water rights and priority dates for Dewitt Spring and the Wells

LOCATION	FLOW IN CFS	PRIORITY DATE
Crocket Avenue	5.0	1961
Center Street	5.0	1961
600 East	5.0	1961
1000 north	5.0	1961
Dewitt Spring	10.0	1860
Divided	20.0	1963
Willow Park	10.0	1978
Dewitt Spring	20.0	1981

WATER CONSERVATION MEASURES AND PROGRAMS

This water conservation plan is divided into two parts. The first part is a water conservation contingency plan which spells out specific water conservation measures related to water use during a drought or other water shortage. The second part of the

water conservation plan are non emergency water conservation measures that can be used in day to day usage of water.

WATER CONSERVATION CONTIGENCY PLAN

The following are water conservation measures that may be taken during drought or other emergencies. These measures are divided into phases based on the severity of the emergency. The Mayor shall have authority as to when each phase will be implemented

Phase I

- Eliminate watering on City property during the hottest times of the day.
- Water City properties on a minimal irrigation schedule. Irrigation to take place during evening hours and every third day.
- Instigate voluntary water conservation measures for the residents of Logan.

Phase II

- Eliminate watering of City properties during severe shortages.
- Educate the public on the water supply situation
- No outside watering from 10:00 am to 7:00 pm
- Issue public service information to all customers on conservation procedures each can accomplish around their own property and within their own houses.

Phase III

- Instigate mandatory public conservation measures
- Enforce outside watering restrictions including watering times and quantities
- Instigate necessary emergency conservation measures with fines for non-compliance

Phase IV

- Restrict all unnecessary water supplies except those necessary for sustaining life
- Insure water to hospitals, hospices, and all other health care facilities

The following are non-emergency water conservation measures that may be practiced on a day to day basis

- Practice prudent irrigation standards for watering vegetation such as irrigating landscaping only as much as required by the types of landscaping and the specific weather patterns.
- Do not water on hot sunny, or windy days
- Sweep sidewalks and driveways rather than using the hose to clean them off.
- Wash your vehicles from a bucket and use a nozzle which shuts off while not in use.
- Check for leaks in all pipes and faucets and repair the leaks.
- Check the water meter to see if there are underground leaks.
- Use mulch around trees and shrubbery to retain soil moisture
- Keep lawns well trimmed and all other landscaped areas free of weeds to reduce overall water needs of yards.
- Encourage the use of drought resistant vegetation and xeriscaping.
- Check the toilet bowl for leaks. Put a few drops of food coloring in the tank of the toilet. If the bowl of the toilet becomes colored without flushing there is a leak.

- If you do not have a low flush toilet put a bottle full of sand in the tank to reduce the amount of water in each flush. Be careful not to over conserve by having too large of a container that requires two flushes to make the toilet work right. Also be sure the bottle does not interfere with the flushing mechanism.
- Take short showers. Turn off the shower while soaping or shampooing.
- Install low flow heads or other flow restrictive devices.
- Shower rather than bathe.
- Do not let the water run while shaving or brushing your teeth
- Always have a full load of laundry or adjust the washing machine to a lower water level
- Keep water in the refrigerator for a drinking instead of running the tap water until the water is cold.
- Rinse vegetables or dishes in a sink of water rather than water running the water continuously.