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**CITY OF SELDOVIA – RESERVOIR SUPPLY UPDATE
COMMUNITY UPDATE
September 13, 2019**

September 13th

- Gallons Used in last 24 Hour Period (9:00am 9/12-9:00am 9/13): 89,788 Gallons
- Usage change from Previous Day Usage decreased 435 gallons from 9/12/19
- Estimated Reservoir Supply: **3.5 Million Gallons**
- Estimated Water Supply for Community: Approx 26 days

The Office of Emergency Management recommends that we have 28 day supply of water for a community our size.

We are getting closer to that goal!

We are still requesting community members to conserve, but this rain has been absolutely incredible for our water supply!

The information that we are focusing on is daily community consumption which as follows:

- Treated (Potable Water) water going to Seldovia measured in Gallons Per Day (GPD)
- Estimated Reservoir Level measured in acre feet or acre inches, then converted to gallons.
- Estimated water availability to City of Seldovia measured in days; this is an everchanging number as it is based on usage which fluctuates day to day.

It is helpful and important to keep in mind, that droughts and water supply deficiencies have not been an area of concern for the Seldovia or the Kenai Peninsula Borough due to its climate. It is safe to say, that droughts and water supply deficiencies will be added to our EOPs.

Some very positive events have happened in the last 24 hours:

We continue to closely monitor our reservoir level; consumption levels and turbidity levels; moderate to extreme conservation measures are still be taken at the municipality's buildings and are still being requested to the citizens of Seldovia.

***Hurray for heavy rains, typhoon like conditions and monsoons!** The weather forecasts continue to call for more rain throughout the next several days and we welcome it!*

The reservoir level **increased 20 INCHES** in the last 24 hours; we are approximately **2 INCHES UNDER** our average reservoir level. What a difference a day makes.

The reservoir is recharging at a near constant pace which indicates that the surface and canopy of the watershed has soaked up the precipitation it needed and is now allowing for run off to the reservoir.

It is important to note that KPB Office of Emergency Management recommends that we have 28 day supply of water for a community our size.

We are still requesting that residents be aware of their water usage and try to conserve until we reach that 28 day supply.

Important Notes:

We are continuing to work closely with the Borough's Emergency Management team to navigate the path forward. We are still continuing to compile the resources needed for us to avoid this situation in the future. We are requesting experts and professionals to study our watershed, reservoir size, investigate the possibilities of enlarging the reservoir, dredging the reservoir, analyzing the topography for the prospect of a commercial well, as well as possibilities of a backup water storage tank for the community. What we are currently focused on is gathering data, resources, including possible funding sources, that will provide vital information of how to proceed and mitigate the next few months.

Backup water status:

Drinking Water Distribution Schedule:

Allotments of Bottled Drinking were made upon consideration of services provided, estimated consumption grounded on customer base, hours of operation and status of operations.

WATER IS AVAILABLE AT THE CITY OFFICES FOR RESIDENTS OF SELDOVIA

WE ARE NOW ENCOURAGING HOUSEHOLDS TO PICK UP 10 GALLONS PER HOUSEHOLD per VISIT; PICK UP LIMIT IS TWICE A WEEK

PLEASE COME TO THE CITY OFFICES TO GET YOUR DRINKING WATER!

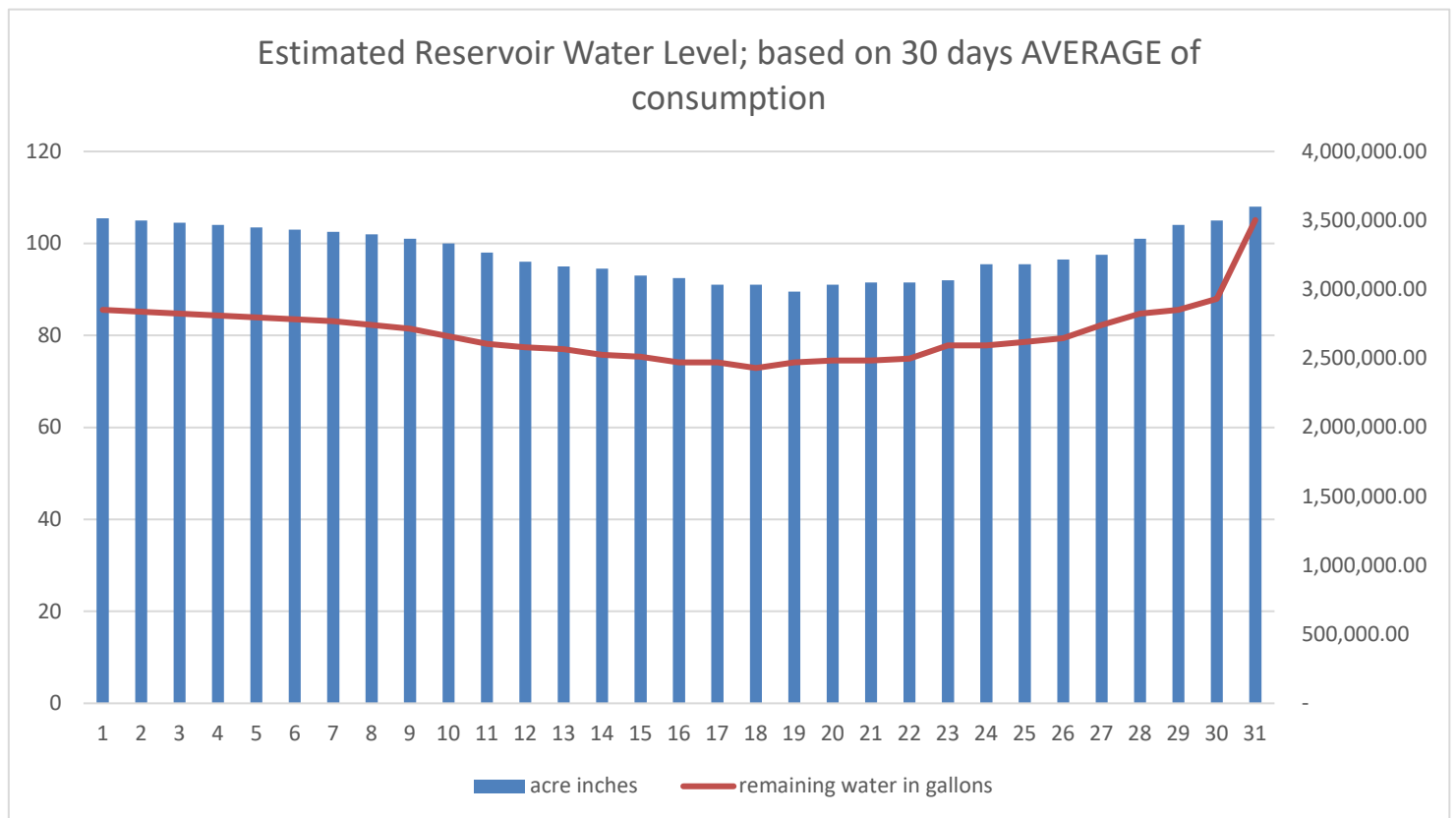
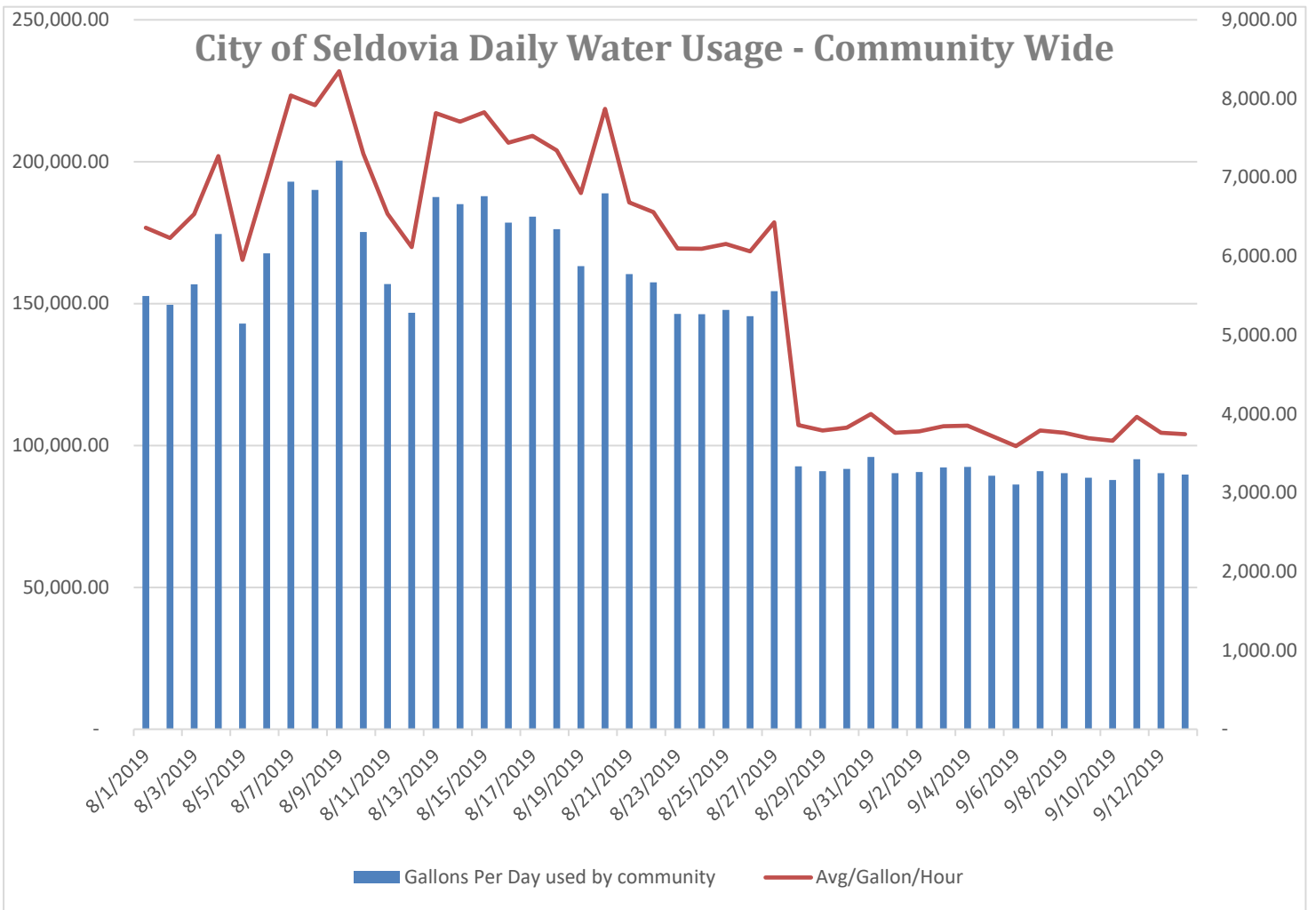
- **NON-POTABLE/GREY WATER STATION** FOR RESIDENTS TO ACCESS GREY WATER FOR NON-DRINKING PURPOSES; LOCATED ON LOADING DOCK BEHIND CITY SHOP. THERE IS A SIGN IDENTIFYING AND DEFINING WHAT NON-POTABLE WATER IS. THERE IS PLENTY OF GREY WATER ON HAND; PLEASE BRING YOUR BUCKETS TO FILL FOR NON-CONSUMPTION NEEDS.

POTABLE WATER: Drinking water; is safe to drink or to use for food preparation. The amount of drinking water required to maintain good health varies, and depends on physical activity level, age, health-related issues, and environmental conditions.

NON-POTABLE WATER: Water that has not been examined, properly treated, and not approved by appropriate authorities as being safe for consumption. Links. About non-potable water: Non-potable water is water that is not of drinking water quality, but which may still be used for many other purposes, depending on its quality.

Detailed Forecast

Scattered showers. Cloudy, with a high near 58. South wind 5 to 10 mph. Chance of precipitation is 40%.	Today
Isolated showers before 10pm. Cloudy, with a low around 46. Northwest wind around 5 mph. Chance of precipitation is 20%.	Tonight
Mostly cloudy, then gradually becoming sunny, with a high near 60. Calm wind.	Saturday
A 30 percent chance of rain after 4am. Increasing clouds, with a low around 46. South wind 5 to 10 mph.	Saturday Night
Rain. The rain could be heavy at times. High near 56. Southeast wind 10 to 15 mph. Chance of precipitation is 90%.	Sunday
Rain likely before 1am, then a chance of showers between 1am and 4am, then a chance of rain after 4am. Cloudy, with a low around 46. Southwest wind around 10 mph becoming west after midnight. Chance of precipitation is 60%.	Sunday Night
A chance of rain before 10am, then showers likely after 10am. Cloudy, with a high near 59. Chance of precipitation is 60%.	Monday
A chance of showers. Mostly cloudy, with a low around 45.	Monday Night
A chance of showers. Mostly cloudy, with a high near 58.	Tuesday
A chance of showers. Mostly cloudy, with a low around 43.	Tuesday Night
A chance of showers. Mostly cloudy, with a high near 55.	Wednesday
A chance of showers. Mostly cloudy, with a low around 41.	Wednesday Night
A chance of showers. Mostly cloudy, with a high near 55.	Thursday



REMEMBER EVERY DROP COUNTS!

