

But remember...

A black cat crossing your path signifies that the animal is going somewhere. ~Groucho Marx

The hirteen owns Est. 1884



TUESDAY, MARCH 10, 2020

•●● VOLUME 137, NUMBER 34 ●●●

Call in the "Calvary"

13Towns.com



Happenings

2nd Monday City Council

1st and 3rd Thursdays Rotary at New Journey

> **2nd Thursday** Sons of Norway

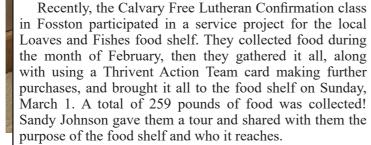
Fridays Lengby VFW Fish Fry

Loaves and Fishes

food shelf distribution times Jan. 8, 2020: 12:30-3pm Jan. 22, 2020 12:30-3pm Call 218-431-1558 for information

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"We wrapped things up by praying for this effective outreach in our community and that all participants and volunteers would be blessed and encouraged," says Pastor Alan Arneson, "and then we headed to Dairy Queen!"



Pictured from left are Pastor Alan Arneson, Aaron Gutterud, Reese Wedin, Brenna Hoefler, Chloe Landsverk and Loaves and Fishes coordinator Sandy Johnson

THE WEATHER

WED **37**°/24° C

THUR **31°**/12°

FRI **20°**/5°

SAT **25°**/13° C

SUN **26°**/14° Ç

ON ----

ION 28 / 14 💥

TUE **28°**/14° 🛴

Fosston Public Library Hours Monday, Wednesday

Monday, Wednesday & Friday 10AM - 6PM

> **Tuesday** NOON - 8PM

> **Thursday** NOON - 6PM

Saturday 11AM - 2PM

> **Sunday** CLOSED



Corn 3.11 Beans 7.47 Oats 2.12 Wheat 4.85

Prices current Monday, March 9

Something fishy at Sand Hill dam

near Sand Hill Lake may have noticed some heavy construction equipment operating in the area this past winter. The Sand Hill River Watershed district has been working to enhance the river by replacing the dam with rocks designed to allow fish

Fosston residents living to move across the barricade, and maintain healthy, robust DNR (Department of Naturar Sand Hill Lake may as well as allowing water to native fish communities with ral Resources) to improve greater resiliency to invasion fish passage on the river,"

To make these improvements, Sand Hill River Watershed (SHRW) has partnered with many agencies to restore connections from the Red River to critical habitats to help re-establish

and maintain healthy, robust native fish communities with greater resiliency to invasion by exotic species. Fish passage will be restored at two additional sites in the Sand Hill River watershed in 2020. The first barrier is the dam on Sand Hill Lake near Fosston. "We collaborated with the

ral Resources) to improve fish passage on the river," says April Swenby, Sand Hill Watershed Administrator. The dam is an impediment to fish passage; every year, migrating fish like yellow perch congregate near the dam but often have difficulty moving across it. The dam will be removed and replaced with rock arch rapids to allow fish passage upstream into Sand Hill Lake. The improved fish passage will enhance not just habitat but clean water as well. "I think the landowners are really going to like it,"

April says.

The second barrier is the road crossing on Kittleson Creek, a tributary to the Sand Hill River west of Fertile. This culvert is nearly perched and velocities exceed the swimming limits for most species at normal flows. This restoration would replace the culvert with a structure more appropriately sized for the creek and at a lower elevation to accommodate fish passage.

to accommodate fish passage. The SHRW partnered with the Minnesota DNR and used SHRW engineers "to make sure it suited the DNR regulations and what they like to see in habitat," April says. "DNR has very specific guidelines for fish passage, so they were a huge partner. We've been doing improvements up and down the Sand Hill for years - all grant funded. The Sand Hill River has been greatly improved over the last six years."

Both of these crossings are upstream of the dams that were modified for fish passage in 2017. Restoration of fish passage at these two sites will expand the number of

restored acres and river miles in the watershed. Numerous fish passage restoration projects have been conducted in the Red River basin, with almost immediate positive impacts to fish communities. A fish passage project similar to the one proposed for the Sand Hill River was conducted on the Wild Rice River, another major tributary to the Red River. Fisheries surveys found a low head dam on the Wild Rice River blocked fish passage and impacted populations. Similar to findings on the Sand Hill River, large river fish species such as Channel Catfish, Freshwater Drum, Goldeye, Sauger, Smallmouth Bass, and Walleye were common below but rarely captured above the dam. Within one year of passage restoration at this dam, these large river species were common upstream of the dam, with channel catfish captured 70 river miles above the previous barrier. Restoration of fish passage on the Sand Hill River would likely yield similar results. A second component of this project will enhance stream habitat within a channelized segment of the Sand Hill River downstream of the four drop structures. The river channel in this reach is unstable and has down cut significantly, creating a simplified habitat lacking in diverse substrate and depth. Habitat will be enhanced by constructing rock riffles in the channel to reduce velocities, increase pool/riffle habitat and provide more diverse substrate. The enhanced habitat will likely be used by many fish species for spawning, juvenile, and

year round deep cover.



The Sand Hill Lake dam as it looked before the modification. The old dam created an impediment to fish, blocking them from using the river to migrate.



Almost finished! The new rock arch rapids will keep the Sand Hill Lake level high, while also making it easier for migrating fish to cross into the lake.