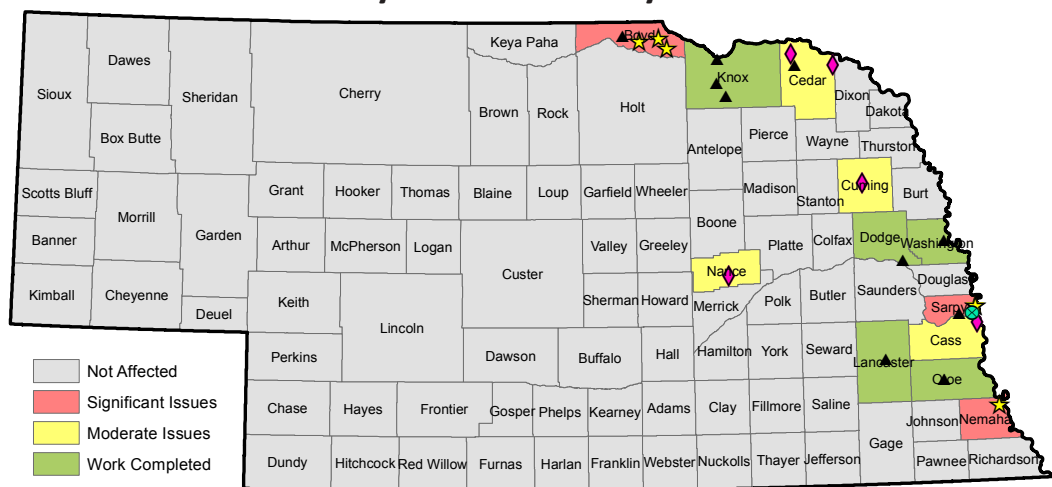
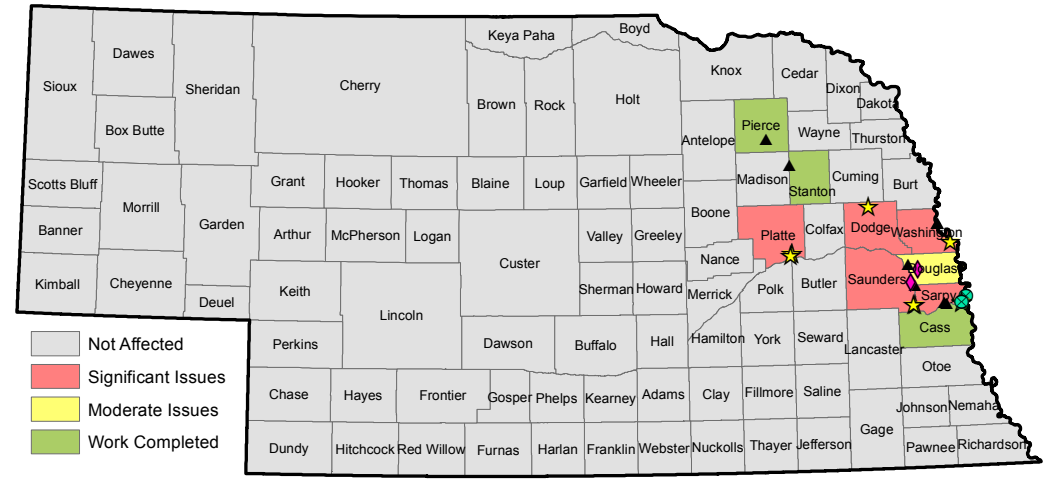


Community Public Water Systems Status



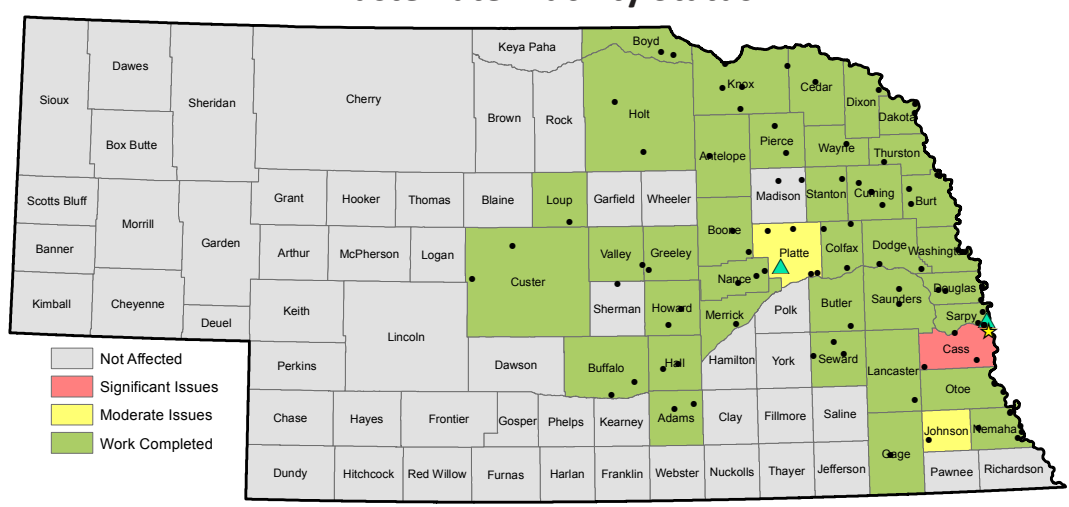
- ★ Repairs to PWS not Complete - Unable to provide consistent source of safe drinking water
- ◆ Repairs to PWS not Complete - Providing consistent source of safe drinking water
- ▲ Repairs Complete - PWS operating normally
- System Permanently Inactivated

Non-Community Public Water Systems Status



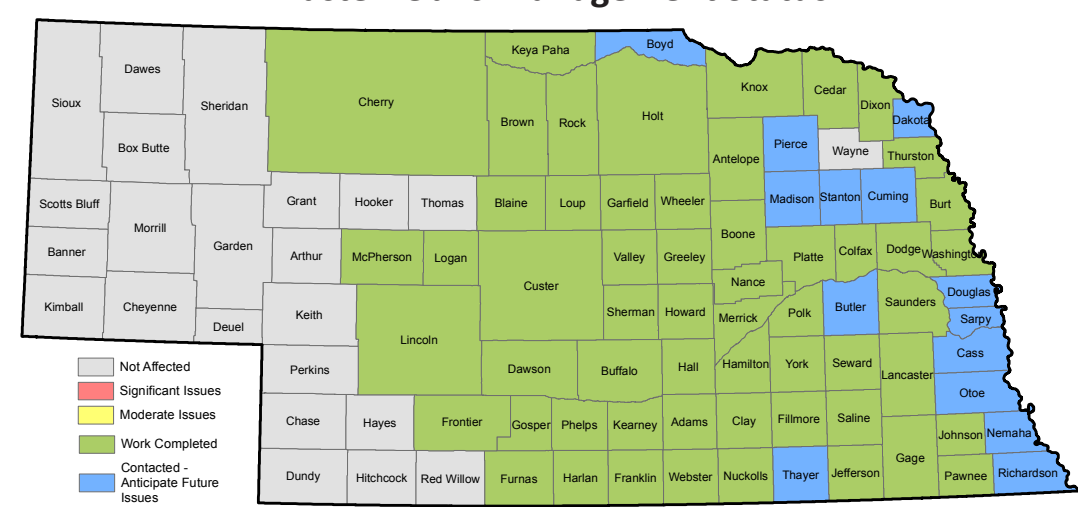
- ★ Repairs to PWS not complete - unable to provide consistent source of safe drinking water
- ◆ Repairs to PWS not complete - providing consistent source of safe drinking water
- ▲ Repairs complete - PWS operating normally
- System Permanently Inactivated

Wastewater Facility Status

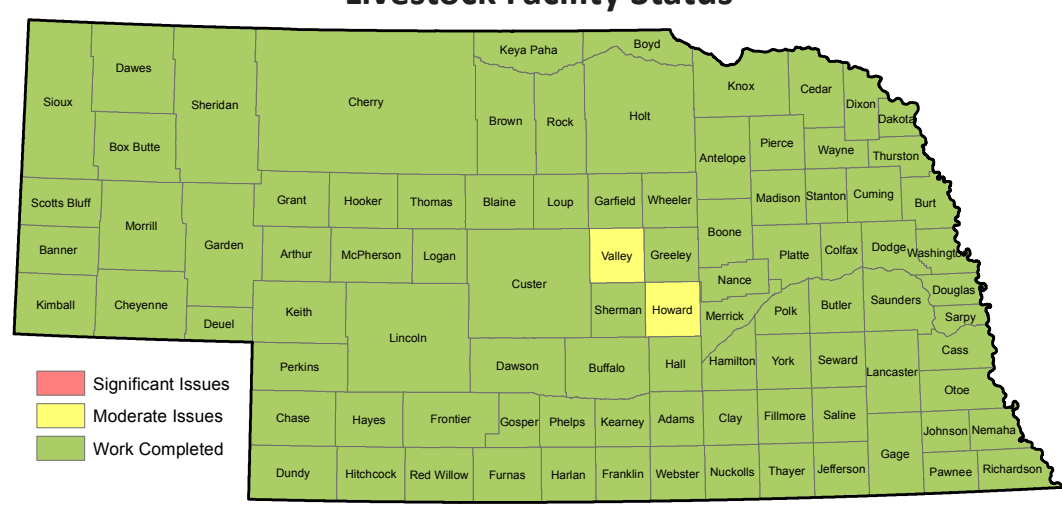


- ★ Discharging - No Treatment
- ▲ Primary Treatment Resumed - No Secondary Treatment
- Facility operating normally

Waste Debris Management Status



Livestock Facility Status



Branches

Waste/debris	<p>Objectives:</p> <ul style="list-style-type: none"> Public guidance and outreach for debris management <p>Status:</p> <ul style="list-style-type: none"> Worked with the EPA on reporting and recovering containers of hazardous substances. This project has been completed. Continue providing guidance to affected counties as floodwater recedes
Wastewater	<p>Objectives:</p> <ul style="list-style-type: none"> Investigate discharges and evaluate structures for damage Work with livestock waste control facilities (LWCF) on creating a timeline for resuming normal operations. Work with waste water treatment facilities (WWTF) on timeline for restarting normal operations. Offer/provide financial assistance from the State Revolving Fund (SRF), if needed <p>Status:</p> <ul style="list-style-type: none"> Working with the Plattsmouth WWTF, Omaha Papillion Creek Wastewater Resource Recovery Facility, Crab Orchard's WWTF and Monroe's WWTF in their recovery efforts following the March flooding. Working with WWTFs in Dawson, Phelps, Furnas, Buffalo and Hall counties following the July 9 flooding in Central Nebraska. NDEQ made state revolving loan funds available to affected communities. These loans — with 0% interest and 0% administrative fees — will act as bridge financing until FEMA public assistance is available.
Drinking/public water	<p>Objectives:</p> <ul style="list-style-type: none"> Provide technical assistance to Public Water Systems (PWS) compromised by flooding Coordinate with PWS owners/operators to develop timelines for restoring service <p>Status:</p> <ul style="list-style-type: none"> Currently, four community PWS, and 9 non-community PWS with primary sources of water still off-line Made state revolving loan funds available to affected communities. These loans — with 0% interest and 0% administrative fees — will act as bridge financing until FEMA public assistance is available.
Air	<p>Objectives:</p> <ul style="list-style-type: none"> Coordinate with local emergency managers/fire departments for individual burn permits for flood-damage structures <p>Status:</p> <ul style="list-style-type: none"> Burn permits requested — 6 Burn permits issued — 6 Burn permits denied — 0 Assessed numerous impacted lake communities in Sarpy and Douglas counties Worked with a local fire chief to distribute burn summary information to rural fire departments in Washington, Douglas, Sarpy, Dodge and Saunders counties.
Energy	<p>Objective:</p> <ul style="list-style-type: none"> Administer weatherization and loan programs <p>Status:</p> <ul style="list-style-type: none"> Offered the Dollar and Energy Savings Loan at 1% interest for March flooding through June 30. 118 loans committed for \$2,226,29 35 loans entered (not yet committed) for \$664,795 11 loans participated for \$164,815 Total: 164 loans for \$3,055,820 Initiated the Weatherization Assistance Program for emergency repairs/replacement for HVAC systems. As of May 30: <ul style="list-style-type: none"> Work completed in four homes Work in-progress in nine homes 11 pending applications

Legend

- = not affected
- = completed work
- = moderate issues
- = many/significant issues
- = anticipate future needs

Numbers in red boxes correspond with counties listed in the narrative below. The narrative explains why the county has a red designation.

Updates from July 21 dashboard

- Our Air Division received and issued its sixth burn permit.
- Knox County was upgraded from a yellow to a green designation in drinking water.
- The non-community public water system at Tubing and Adventures Campground in Sarpy County is open and operating normally, and it has been removed from narrative below.
 - Pierce County has been upgraded from red to green in drinking water because Willow Creek State Recreation Area has made repairs to its NCWS.
 - Otoe County has been upgraded from red to green in wastewater because the Nebraska City WWTF is operational.

Red designations for drinking water

There are currently four community Public Water Systems (CWS) and 9 non-community public water systems (NCWS) with primary sources of water still off-line.

Community Public Water Systems (CWS)

Boyd County¹

• **Boyd County Rural Water Dist. #2:** The sole transmission line between the system's wells and the distribution system was washed-out by the Niobrara River. The initial bore for the new line was completed on July 23. The bore hole will now be enlarged to final size and lined before pipe is pulled through. No timeline provided for completion at this time.

Three non-public water supply wells have been temporarily connected to the system to provide water. Samples collected from the system have shown low levels of nitrates and no presence of E. coli. The water is being disinfected and the system is being allowed to operate under a boil-water advisory.

Village of Lynch: Purchases all water from Boyd County Rural Water Dist. #2 and is therefore subject to the same circumstances provided above.

Village of Spencer: Purchases all water from Boyd County Rural Water Dist. #2 and is therefore subject to the same circumstances provided above.

Cass County

• **City of Plattsmouth:** The wells and treatment plant were flooded and have sustained significant damage from water and debris. The system is currently providing water by an emergency connection to Cass County Rural Water District #1. An additional connection to Beaver Lake public water system is also available. Repairs are progressing at the plant, with projected start-up by Sept. 1, 2019.

Nemaha County²

• **City of Peru:** The wells and treatment plant were flooded, and sustained significant damage from water and debris. Water is currently being trucked-in from the City of Auburn to fill Peru's water tower. Well repairs are complete. A temporary mobile treatment plant was brought in to provide water for the community. However, raw water quality was not compatible with the treatment processes. A new mobile plant with a compatible technology was placed into service on July 25. Water is no longer being trucked from Auburn, but trucks will remain on stand-by. Coliform testing to enable lifting of the boil-water advisory will begin week of July 29.

Sarpy County⁷

• **Paradise Lakes:** This is a consecutive system to Metropolitan Utilities District. The system is still pressurized, but has been temporarily inactivated because all homes (mobile homes) were deemed "inhabitable" by the City of Bellevue.

Information for wastewater

- **Cass County⁷**—Plattsmouth WWTF is re-installing electrical equipment, but is not yet treating water as of June 25.
- **Otoe County**—Nebraska City WWTF is now operational.
- **Johnson County**—Crab Orchard WWTF's stream bank/outer lagoon dike has not been repaired, however, its lift stations and pumps are operational, with lagoons providing treatment. It has a yellow designation

Information for debris management

NDEQ team members met with emergency managers in 70 counties to provide assistance for debris management. After these meetings, counties were upgraded to green designations, or marked as blue, indicating that they might need further assistance as floodwaters recede.

Information for livestock

Two livestock operations, one in Howard County and one in Valley County, have needed repairs, but are fixed enough that they are no longer actively discharging.

Non-Community Public Water Systems (NCWS)

Douglas County

• **Riverwest Park:** The system was flooded. North Beach well and distribution system are operational, and Riverwest Park is Partially open for business. Its designation has changed to yellow.

Pierce County

• **Willow Creek State Recreation Area:** Power was lost to all three wells. One well flooded. The park is to remain closed until repairs are made to the flooded well and electrical system. Repairs are complete and the system is fully operational.

Platte County³

• **Loup River Public Power District:** The Headworks Park well flooded and the system has been temporarily inactivated. No timeline for repairs.

• **T-Bone Truck Stop:** The water system is heavily damaged. The system has been temporarily inactivated. The timeline for repairs is estimated to be around two to three months.

• **T&K Pitstop Bar and Grill:** The water system is heavily damaged. The system has been temporarily inactivated. The timeline for repairs is estimated to be one and a half to two months.

Sarpy County⁴

• **Coreslab Structures:** The well is operational, but a portion of the distribution system is damaged. Repairs to potable portion of system will not be complete for two to three months. The system has been temporarily inactivated.

• **Falconwood Park:** The system was flooded and the well is likely compromised. Repairs are underway, but the park will remain closed for foreseeable future. The system has been temporarily inactivated

• **Heron Bay:** The system flooded and repairs are still in progress.

Saunders County⁵

• **Military Dept. of Nebraska-Camp Ashland:** The water system was under water and was compromised. Repairs to the water system are underway, but there is no timetable provided on completion.

Washington County⁶

• **Desoto Park Estates:** The system flooded and is possibly compromised. There is currently no access or power to system. System temporarily inactivated.

COUNTY	Drinking Water	Wastewater	Debris Management	Livestock
Adams				
Antelope				
Arthur				
Banner				
Blaine				
Boone				
Box Butte				
Boyd	1			
Brown				
Buffalo				
Burt				
Butler				
Cass		7		
Cedar				
Chase				
Cherry				
Cheyenne				
Clay				
Colfax				
Cuming				
Custer				
Dakota				
Dawes				
Dawson				
Deuel				
Dixon				
Dodge				
Douglas				
Dundy				
Fillmore				
Franklin				
Frontier				
Furnas				
Gage				
Garden				
Garfield				
Gosper				
Grant				
Greeley				
Hall				
Hamilton				
Harlan				
Hayes				
Hitchcock				
Holt				
Hooker				
Howard				
Jefferson				
Johnson				
Kearney				
Keith				
Keya Paha				
Kimball				
Knox				
Lancaster				
Lincoln				
Logan				
Loup				
Mc Pherson				
Madison				
Merrick				
Morrill				
Nance				
Nemaha	2			
Nuckolls				
Otoe				
Pawnee				
Perkins				
Phelps				
Pierce				
Platte	3			
Polk				
Red Willow				
Richardson				
Rock				
Saline				
Sarpy	4			
Saunders	5			
Scotts Bluff				
Seward				
Sheridan				
Sherman				
Sioux				
Stanton				
Thayer				
Thomas				
Thurston				
Valley				
Washington	6			
Wayne				
Webster				
Wheeler				
York				

Wastewater treatment facility status

Wastewater treatment facilities in Central Nebraska did not sustain significant damage and are not being subjected to continuous flooding. As waters continue to recede, plant flows are returning to normal and biological functions are able to provide secondary treatment. Disinfection systems will operate normally, as well.

Cities and villages whose WWTFs were affected by the July flooding include Cozad, Holdrege, Edison, Elm Creek, Gibbon, Kearney, Lexington and Wood River.

As of July 15, the following wastewater facilities in Central Nebraska have reported:

Cozad

Cozad’s WWTF in Dawson County did not bypass. Now that flows are reduced, the plant is recovering.

Holdrege

Holdrege, in Phelps County, sent a bypass notification on July 9, but has been in normal operations since 3 a.m. July 10.

Edison

In Furnas County, Edison was able to get its UV lights back to help with the disinfection process by 8 p.m. on July 9.

Elm Creek

The WWTF at Elm Creek experienced a lagoon discharge. Elm Creek is located in Buffalo County.

Gibbon

Also in Buffalo County, Gibbon reported its bypass on July 10. It was back online on July 12.

Kearney

Kearney’s WWTF in Buffalo County was fully submerged as of July 10. South Kearney experienced sewer overflows. The plant continued to operate through the event with minimal equipment failure, which was overcome with a temporary equipment configuration. Kearney will inspect the facility as floodwaters recede.

Lexington

The WWTF in Lexington, Dawson County, reported a bypass on July 9. As of July 11, it had difficulty in meeting the flow demand on the sewer system. Tyson Fresh Meats Facility offered to accept Lexington’s diverted flow to treat at its system and relieve the city’s WWTF.

Wood River

The Wood River WWTF in Hall County is operating normally, though it experienced water backing up into the facility.



Solid waste/debris management

NDEE Waste Compliance team members have made initial contacts with the local permitted landfill facilities/local officials. As of July 11, all are now back to operating as permitted. The only landfill that had closed was Lexington Landfill and that was because the roads were flooded. Staff is following up to get specific contacts for any city officials that would need flooding response information.

Staff is also in the process of contacting local emergency managers for those counties impacted, to assess any possible questions. NDEE’s field activities will begin based on when the waters start to recede.

The City of Kearney manages all of the waste except for construction and demolition waste, which goes to private contractors to handle. There will likely be business hazardous waste and household hazardous waste from the recent flooding. The business waste should be handled by their insurance companies. The household waste can go to their municipal landfill. Hazardous waste disposal options include a household hazardous waste facility in Kearney, (308) 233-3208, and a household hazardous waste facility in Grand Island.



Energy assistance programs

NDEE has opened up its Dollar and Energy Saving Loans Program at 1% percent interest for those affected by flooding in Central Nebraska.

Counties that are included in this offer are Buffalo, Hall, Hamilton, Merrick, Adams, Kearney, Phelps, Gosper, Furnas, Harlan, Franklin, Webster, Nuckolls, Dawson and Thayer.

Energy team members have also visited three Multi-Agency Resources centers in Kearney and Lexington to provide assistance for these programs. More than 250 families visited the first MARC in Kearney, and more than 350 families visited the MARC in Lexington. Information on the final MARC in Kearney has not been made available.

Team members also completed 10 on-site inspections at homes in Central Nebraska.

All pictures were taken July 9 in the Holdrege/Elm Creek/Odessa area by an NDEE team member