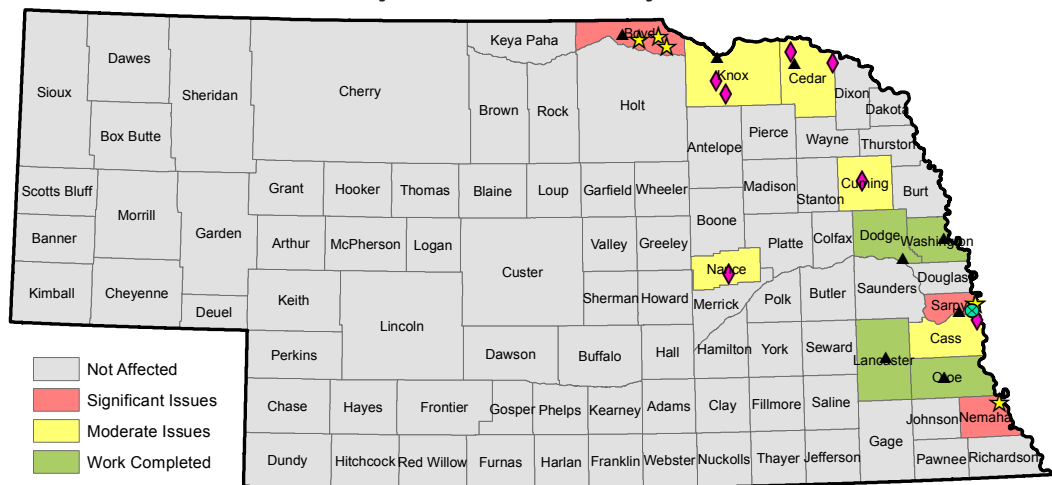
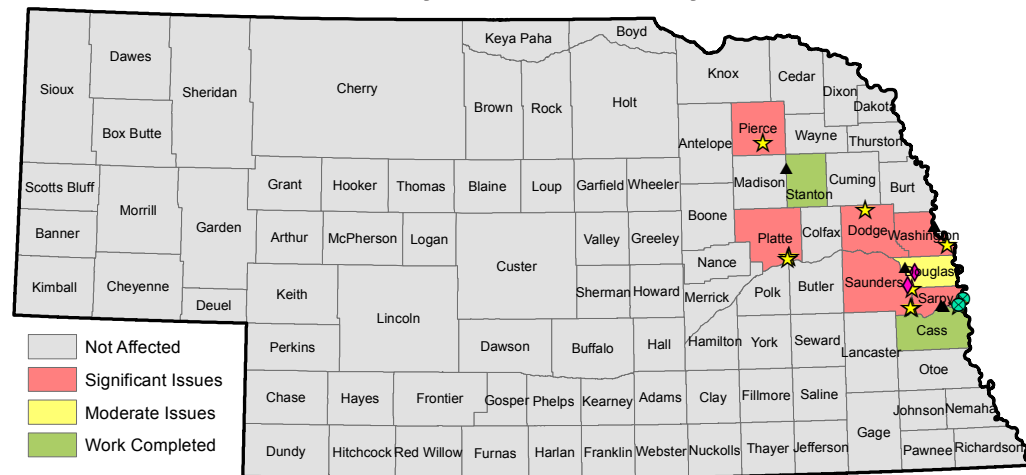


**Community Public Water Systems Status**



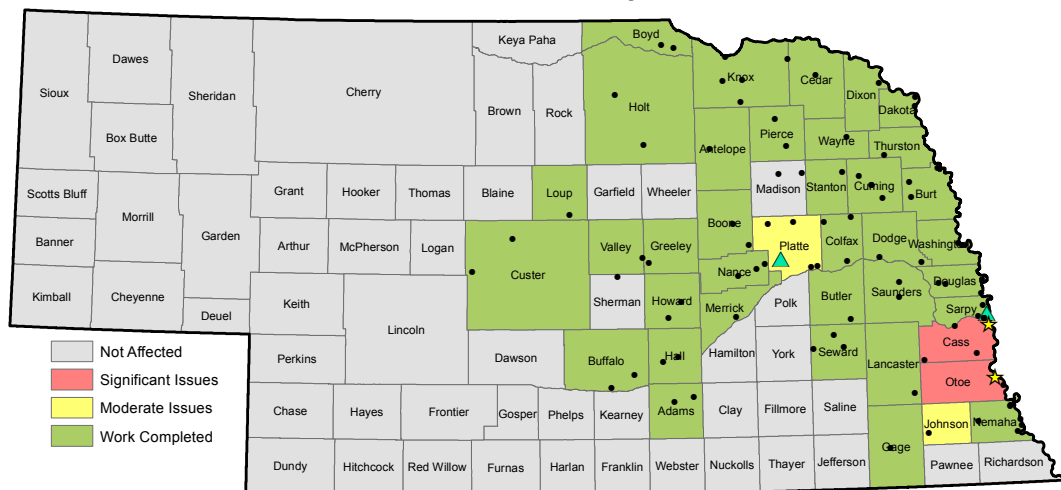
- ★ Repairs to PWS not Complete - Unable to provide consistent source of safe drinking water
- ◆ Repairs to PWS not Complete - Providing consistent source of safe drinking water
- ▲ Repairs Complete - PWS operating normally
- System Permanently Inactivated

**Non-Community Public Water Systems Status**



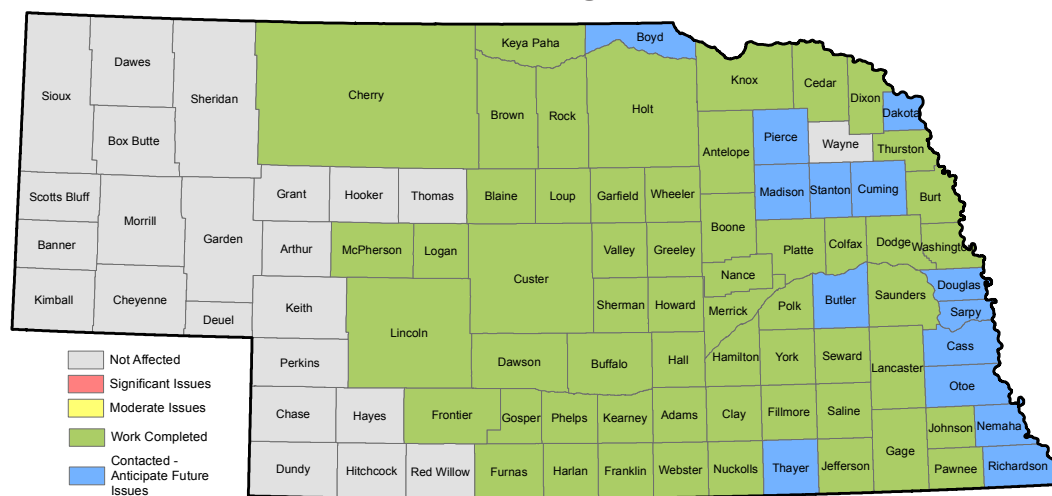
- ★ Repairs to PWS not complete - unable to provide consistent source of safe drinking water
- ◆ Repairs to PWS not complete - providing consistent source of safe drinking water
- ▲ Repairs complete - PWS operating normally
- System Permanently Inactivated

**Wastewater Facility Status**



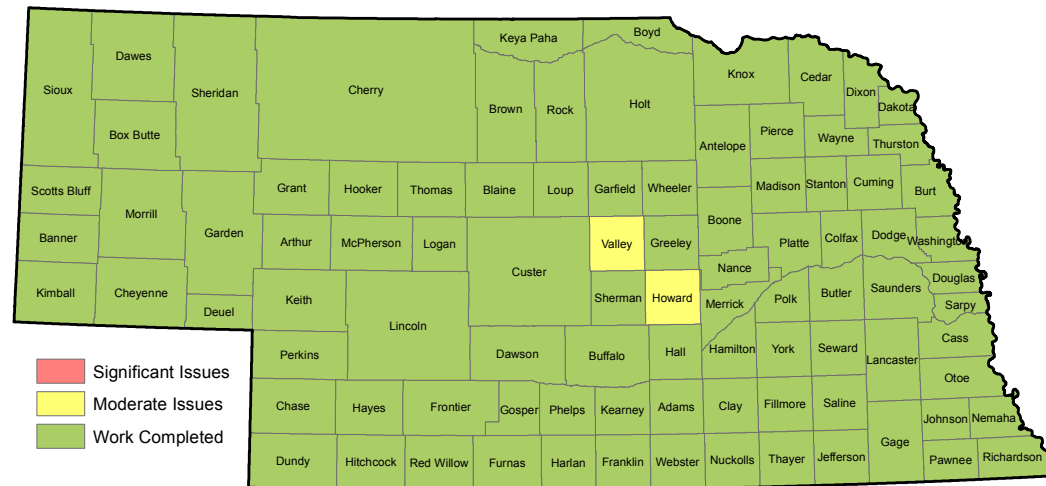
- ★ Discharging - No Treatment
  - ▲ Primary Treatment Resumed - No Secondary Treatment
  - Facility operating normally
- Crab Orchard's WWTF is damaged from the most recent flood event: lagoon banks eroded, lift station and pumps down.

**Waste Debris Management Status**



- Not Affected
- Significant Issues
- Moderate Issues
- Work Completed
- Contacted - Anticipate Future Issues

**Livestock Facility Status**



- Significant Issues
- Moderate Issues
- Work Completed

Branches	
Waste/debris	<p><b>Objectives:</b></p> <ul style="list-style-type: none"> <li>Public guidance and outreach for debris management</li> </ul> <p><b>Status:</b></p> <ul style="list-style-type: none"> <li>Worked with the EPA on reporting and recovering containers of hazardous substances. This project has been completed.</li> <li>Continue providing guidance to affected counties as floodwater recedes</li> </ul>
Wastewater	<p><b>Objectives:</b></p> <ul style="list-style-type: none"> <li>Investigate discharges and evaluate structures for damage</li> <li>Work with livestock waste control facilities (LWCF) on creating a timeline for resuming normal operations.</li> <li>Work with waste water treatment facilities (WWTF) on timeline for restarting normal operations.</li> <li>Offer/provide financial assistance from the State Revolving Fund (SRF), if needed</li> </ul> <p><b>Status:</b></p> <ul style="list-style-type: none"> <li>Working with the Plattsmouth WWTF, Omaha Papillion Creek Wastewater Resource Recovery Facility, Crab Orchard's WWTF in their recovery efforts following the March flooding.</li> <li>Working with WWTF's in Dawson, Phelps, Furnas, Buffalo and Hall counties following the July 9 flooding in Central Nebraska.</li> <li>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.</li> </ul>
Drinking/public water	<p><b>Objectives:</b></p> <ul style="list-style-type: none"> <li>Provide technical assistance to Public Water Systems (PWS) compromised by flooding</li> <li>Coordinate with PWS owners/operators to develop timelines for restoring service</li> </ul> <p><b>Status:</b></p> <ul style="list-style-type: none"> <li>Currently, four community PWS, and 11 non-community PWS with primary sources of water still off-line</li> <li>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.</li> </ul>
Air	<p><b>Objectives:</b></p> <ul style="list-style-type: none"> <li>Coordinate with local emergency managers/fire departments for individual burn permits for flood-damage structures</li> </ul> <p><b>Status:</b></p> <ul style="list-style-type: none"> <li>Burn permits requested — 4</li> <li>Burn permits issued—4</li> <li>Burn permits denied—0</li> <li>Assessed numerous impacted lake communities in Sarpy and Douglas counties</li> <li>Worked with a local fire chief to distribute burn summary information to rural fire departments in Washington, Douglas, Sarpy, Dodge and Saunders counties.</li> </ul>
Energy	<p><b>Objective:</b></p> <ul style="list-style-type: none"> <li>Administer weatherization and loan programs</li> </ul> <p><b>Status:</b></p> <ul style="list-style-type: none"> <li>Initiated the Dollar and Energy Savings Loan at 1% interest. As of June 24: 70 loans committed for \$838,657 15 loans entered (not yet committed) for \$99,246 Three loans participated for \$60,495</li> <li>Total: 97 loans for \$1,666,782</li> <li>Initiated the Weatherization Assistance Program for emergency repairs/replacement for HVAC systems. As of June 24: Two applications completed Six applications in-progress 11 pending applications</li> </ul>

## 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 7 dashboard

- The EPA-led efforts to collect orphan containers has been completed and removed from the waste/debris management status. In all, the EPA collected 2,250 containers. NDEE assisted with this project.

## Red designations for drinking water

There are currently four community Public Water Systems (CWS) and 11 non-community public water systems (NCWS) with primary sources of water still off-line.

### Community Public Water Systems (CWS)

#### Boyd County<sup>1</sup>

- 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. Initial attempt to re-bore the line began on April 19, but was abandoned due to geologic barriers on May 12. Boring operations resumed on May 30, and are now approximately two-thirds of the way to intersecting with the existing line. Hopes are for repairs to be complete by the end of July.

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 via an emergency connection to Cass County Rural Water District #1. An additional connection to Beaver Lake public water system is also available. Clean-up activities have begun at the plant and further evaluation of the damage is on-going. The time frame for repairs is estimated at three to six months.

#### Nemaha County<sup>2</sup>

- 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 is being built. Plans are to have the new plant in place, and operational by July 22. Water will continue to be trucked from Auburn. Testing will be done to determine when the boil-water advisory may be lifted following start-up of the plant.

#### Sarpy County<sup>7</sup>

- 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.

### 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<sup>3</sup>

- 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. There is no timetable for repairs available.

#### Platte County<sup>4</sup>

- 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 County<sup>5</sup>

- 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.

- Tubing and Adventures Campground:** Power and access to the campground have been restored. The campground is in the process of collecting samples prior to providing water to customers.

#### Saunders County<sup>8</sup>

- 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 County<sup>9</sup>

- 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		8		
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		9		
Pawnee				
Perkins				
Phelps				
Pierce	3			
Platte	4			
Polk				
Red Willow				
Richardson				
Rock				
Saline				
Sarpy	5			
Saunders	6			
Scotts Bluff				
Seward				
Sheridan				
Sherman				
Sioux				
Stanton				
Thayer				
Thomas				
Thurston				
Valley				
Washington	7			
Wayne				
Webster				
Wheeler				
York				

## Red designations for wastewater

- Cass County<sup>8</sup>**—Plattsmouth WWTF is re-installing electrical equipment, but is not yet treating water as of June 25.
- Otoe County<sup>9</sup>**—Nebraska City WWTF is not providing treatment because of high river levels. The plant is being repaired and will start treatment when the river is below the 20-foot stage.

## 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.

**Wastewater treatment facility status**

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

**Cozad**

Cozad's WWTF in Dawson County did not bypass, but is also not operating at full treatment because of increased water flows. 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 temporary equipment configuration. The system should be fully operating by July 13, and full treatment is estimated to begin on Monday, July 15. Kearney will inspect the WWTF for damages at that time.

**Lexington**

The WWTF in Lexington, Dawson County, reported a bypass on July 9. As of July 15, its system was back online, except for disinfection.

**Wood River**

The Wood River WWTF in Hall County is operating normally, though it is experiencing 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.



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