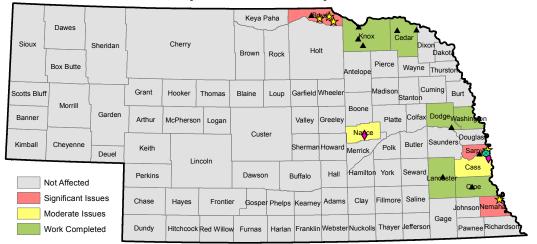


# March 2019 flood dashboard - Week of April 29

NDEQ hotline: 1-877-253-2603

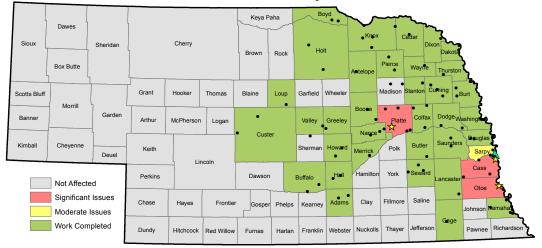
NDEQ website: deq.ne.gov

# **Community Public Water Systems Status**



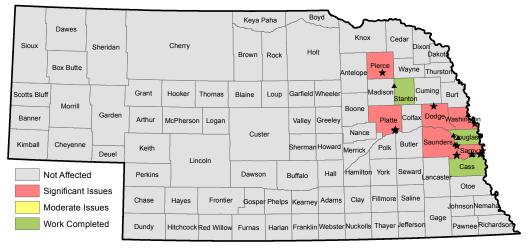
- Repairs to PWS not Complete Unable to provide consistant source of safe drinking water
- Repairs to PWS not Complete Providing consistant source of safe drinking water
- Repairs Complete PWS operating normally
- System Permanently Inactivated

# **Wastewater Facility Status**



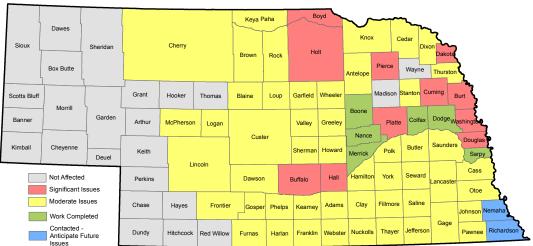
- ★ Discharging No Treatment
- Primary Treatment Resumed No Secondary Treatment
- Facility operating normally

# **Non-Community Public Water Systems Status**



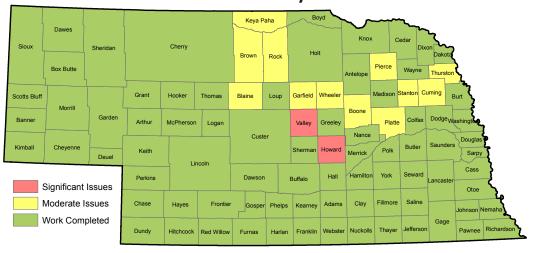
- ★ Repairs to PWS not complete unable to provide consistant source of safe drinking water
- Repairs to PWS not complete providing consistant source of safe drinking water
- Repairs complete PWS operating normally

# **Waste Debris Management Status**



Ranking based on percentage of county inundated by flood waters

# **Livestock Facility Status**



### **Branches**

# **Objectives:**

- Orphan Hazardous Container identification, collection, disposal in coordination with the Environmental Protection Agency
- Public guidance and outreach for debris management

# Waste/debris

- Working with the EPA on reporting and recovering containers of hazardous substances
- Total containers reported—331
- Total containers recovered—91
- Carcasses identified and disposed—1,223
- Carcasses removal project complete
- Guidance and Outreach—Daily
- Met with emergency managers in Boone, Colfax, Dodge, Nance, Nemaha, Merrick, Richardson and Sarpy counties

# **Objectives:**

- Outreach on private wells/septics, work with homeowners on repair/replace
- Investigate discharges, evaluate structures for damage
- Work with Livestock Waste Control Facilities (LWCF) on timeline for resuming normal operations
- Evaluate damage to Waste Water Treatment Facilities (WWTF), work with them on timeline to resume normal ops
- Offer/provide financial assistance from the State Revolving Fund (SRF), if needed

- Plattsmouth WWTF is rebuilding electrical systems and expecting a return to providing primary treatment toward the end of the week.
- Nebraska City WWTF is waiting for replacement motors and pumps that should arrive toward the end of this week. Once those arrive the system will begin treating wastewater
- The City of Omaha Papillion Creek Wastewater Resource Recovery Facility (WWRRF) is now partially operational
- The Monroe WWTF is bypassing because of damage

## **Objectives:**

- Provide technical assistance to Public Water Systems (PWS) compromised by
- Coordinate with PWS owners/operators to develop timelines for restoring service
- Provide total coliform/E. coli testing, results and guidance for compromised private wells

# Status:

Drinking/public water

• Currently four community PWS, and 13 non-community PWS with primary sources of water still off-line

## **Objectives:**

- Coordinate with emergency managers/fire departments for individual burn permits for flood-damage structures
- Work with public information office to put out public service message about burn requirements

# Air

Energy

## Status:

- Burn permits requested -1
- Burn permits issued—1
- Burn permits denied—0

# **Objectives:**

- Administer NEO weatherization and loan programs
- Provide info on Nebraska Energy Office programs to the Joint Operations Center (JOC), participate in outreach like Multi-Agency Resource Centers (MARCs) and more, as resources allow
- Ensure the integrity of pipelines in the state

# Status:

- Initiated the Dollar and Energy Savings Loan at 1% interest
- All pipeline companies have been contacted and no issues were found
- Attended a Community Organizations Active in Disaster meeting Norfolk



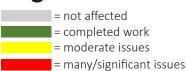
DEPT. OF ENVIRONMENTAL QUALITY

March 2019 flood dashboard Week of April 29

1-877-253-2603

deq.ne.gov

# Legend



= unknown

cted

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

# **Updates from April 22 dashboard**

• Sarpy County Sid #97-Hawaiian Village resolved its public water system issues.

= anticipate future needs

- Omaha Fish and Wildlife Club resolved its drinking water issues.
- Sands Mobile Home Park (CWS) and Gene Eppley Salvation Army Camp (NCWS) were both inactivated.
- Falconwood Park and Desoto Park Estates water systems (NCWS) were temporarily inactivated.
- The Monroe Waste Water Treatment Facility in Platte County is bypassing because of damage.
- NDEQ's waste team met with eight county emergency managers to provide guidance.
- In debris management, Boone, Colfax, Dodge, Merrick, Nance and Sarpy counties were upgraded to green designations.
- In debris management, Nemaha and Richardson were given blue designations, indicating emergency managers in those counties have been contacted, but additional help is anticipated because some areas are still inundated.

# Red designations for drinking water

There are currently four community Public Water Systems (CWS) and 13 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. Boring to replace the line began on April 19. The projected time frame for completion is still six weeks.

Two non-public water supply wells have been temporarily connected to the system to provide water, with a third being evaluated to provide additional capacity. Samples collected from the system have shown low levels of nitrates and no presence of coliform bacteria. 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: Wells and treatment plant were flooded and have sustained significant damage from water and debris. 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. Time frame for repairs is estimated at three to six months.

# Nemaha County<sup>3</sup>

• City of Peru: 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 and Peru is moving forward with a temporary, mobile treatment plant while options for a permanent solution are evaluated. Start-up of the temporary plant is projected for the week of May 6. Water will continue to be trucked from Auburn until that time.

Sarpy County<sup>6</sup>

• Paradise Lakes: Purchases all water from the Metropolitan Utilities District in Omaha. 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<sup>2</sup>

- **Riverwest Park:** System was flooded. Repairs are currently underway, and projected to re-open sometime in May.
- Two Rivers State Recreation Area: All three wells and distribution systems were compromised by flood waters. The park is closed with no timetable for repairs.

### Pierce County⁴

• Willow Creek State Recreation Area:

Power lost to all three wells. One well flooded. The park will remain closed until repairs are made to flooded well and electrical system. No timetable for repairs is available.

# Platte County⁵

- Loup River Public Power District: Headworks Park well flooded. The system has been temporarily inactivated and there is no timeline for repairs.
- **T-Bone Truck Stop:** Water system heavily damaged. System has been temporarily inactivated. Timeline for repairs estimated to be two to three months.
- **T&K Pitstop Bar and Grill:** Water system heavily damaged. System has been temporarily inactivated. Timeline for repairs estimated to be a month and a half to 2 months.

# Sarpy County<sup>6</sup>

- **Coreslab Structures:** Well is operational, but a portion of distribution system is damaged. Repairs are underway, but no timeframe for completion.
- Falconwood Park: System was flooded, and well likely compromised. Repairs underway, but park will remain closed for foreseeable future. The system has been temporarily inactivated.
- **Heron Bay:** System flooded and still not
- **Schmid Farms Water Distribution:** System flooded and still not accessible.
- **Tubing and Adventures Campground:** System flooded and still not accessible.

# Saunders County<sup>7</sup>

Military Dept. of Nebraska-Camp

**Ashland:** Water system was under water and was compromised. Repairs underway to water system, but no timetable provided on completion.

# Washington County<sup>8</sup>

• **Desoto Park Estates:** System flooded, and possibly compromised. Currently no access or power to system. System temporarily inactivated

# **Red designations for wastewater**

- Cass County<sup>9</sup>—Plattsmouth is bypassing but will shortly be providing partial treatment. • Otoe County<sup>10</sup>—Nebraska City is bypassing but will shortly be providing partial treat-
- **Platte County**<sup>11</sup>—The Monroe WWTF is bypassing. NDEQ's National Pollutant Discharge Elimination System (NPDES) staff are helping assess progress and providing assistance.

# Information for debris management

The NDEQ waste team met with emergency managers in eight counties—Boone, Colfax, Dodge, Nance, Nemaha, Merrick, Richardson and Sarpy counties. Nemaha and Richardson counties were given blue designations, which indicated they have been contacted, but are anticipating additional help because some areas are still inundated.

# Red designations for livestock

Two livestock operations, one in **Howard County**<sup>12</sup>, the other in **Valley County**<sup>13</sup>, had extensive structural damage. These facilities are expected to be stabilized and repaired soon.

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COUNTY Adams	Drinking Water		Wastewater	$\dashv$	Management		Livestock
Antelope				$\forall$			
Arthur				1			
Banner							
Blaine				_			
Boone				4			
Box Butte Boyd	1			$\dashv$			
Brown	•			_			
Buffalo				7			
Burt							
Butler				_			
Cadar			9	$\dashv$			
Cedar Chase				$\dashv$			
Cherry				+			
Cheyenne				┪			
Clay							
Colfax				_			
Cuming Custer				+			
Dakota				+			
Dawes				1			
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Dodge Douglas	2			$\dashv$			
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Fillmore				╛			
Franklin				_			
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Hamilton				+			
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Hayes							
Hitchcock				4			
Holt Hooker				$\dashv$			
Howard				+			12
Jefferson				7			
Johnson							
Kearney				_			
Keith Keya Paha				4			
Kimball				+			
Knox				7			
Lancaster							
Lincoln				4			
Logan Loup				+			
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Madison				_			
Merrick							
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Nance Nemaha	3			$\dashv$			
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Otoe			10				
Pawnee				4			
Perkins Phelps				4			
Phelps Pierce	4			$\dashv$			
Platte	5	_	11	1			
Polk							
Red Willow				4			
Richardson Rock				_			
Saline				$\dashv$			
Sarpy	6			1			
Saunders	7			_			
Scotts Bluff				4			
Seward Sheridan				4			
Sheridan Sherman				$\dashv$			
Sioux				$\dashv$			
Stanton				╛			
Thayer				_[			
Thomas				4			
Thurston Valley				$\dashv$			13
Washington	8			$\dashv$			1.3
Wayne				_			
Webster				_[			
Wheeler				4			
York							