



NEW HAMPSHIRE DRINKING WATER & GROUNDWATER TRUST FUND

*“to provide for the protection,
preservation, and enhancement of
the drinking water and
groundwater resources of the state”*

**Drinking Water and Groundwater Advisory
Commission Meeting
February 12, 2024**



NEW HAMPSHIRE DRINKING WATER & GROUNDWATER TRUST FUND

Drinking Water and Groundwater Advisory Commission Meeting February 12, 2024

AGENDA ITEM

OPENING REMARKS

Welcome

Vote to accept meeting minutes

January 22, 2024 Advisory Commission meeting

January 22, 2024 Construction Project Subcommittee

COMMISSION UPDATES

Representative Bill Boyd, Chair

PUBLIC COMMENT ON AGENDA ITEMS ONLY

Public

PROGRAM UPDATES

Drinking Water Construction Project Assistance Program

Status of Funded Projects- **informational only**

Cheryl Bondi, NHDES DWGTF Administrator

Jewell Estates, Merrimack; Special Project Application – **potential vote**

Marco Philippon, Subcommittee chair

Summary of 2023 Spending- informational only

Cheryl Bondi, NHDES DWGTF Administrator

Drinking Water Lead and Copper Updates

Federal Lead and Copper Rule Revisions- **informational only**

Cynthia Klevens, NHDES DWGB Bureau Engineering Administrator

NH Get the Lead Out of Schools and Childcares Updates- **informational only**

Ian Atwell, NHDES DWGB Bureau

CONCLUDE

Public
Comment on
today's
agenda items



NEW HAMPSHIRE DRINKING WATER
& GROUNDWATER TRUST FUND

Status of Drinking Water Construction Projects

A background image showing a construction site. In the foreground, a yellow Komatsu excavator is positioned on a flatbed trailer. Behind it, a large, deep, rectangular pit has been dug into the ground, with blue and white markings on its sides. In the background, there are residential houses and trees under a clear sky.

Currently 62 active projects

- **43 Projects are in design-phase**
- **19 Projects are under construction**
- **Of the 15 projects approved for funding in 2023**
 - **3 approved at G&C**
 - **5 funding agreements are drafted and being routed to G&C**
 - **7 waiting for final application materials- due May 1, 2024**
- **Projects recently completed and closed**
 - **Town of Plaistow, 2022: \$5,835,300, system improvements for the SNH Regional Water Interconnection**
 - **City of Claremont, 2020: \$500K TF Grant \$1.5 million SRF loan, water distribution replacement**
 - **City of Dover, 2022: \$111,500 TF Grant to fund design of an emergency water interconnection**



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SPECIAL PROJECT ASSISTANCE APPLICATION

Jewel Estates Mobile Home Park

2024 SPA Request

TF Grant: \$960,400 (70%)

TF Loan: \$411,600 (30%) (25)

Pending Applications for Matching Funds

Community Development

Block Grant: \$500,000

Total TF Request

\$1,372,000

- X Is there drinking water contamination?** No, however, frequent breaks leave water lines susceptible to contamination and there have been complaints of dirty water.
- ✓ Is the project time critical?** Yes, the MHP experiences frequent watermain breaks costing an estimated \$23,000 per year.
- ✓ Is there financial hardship?** Yes, MHI=\$48,413. Frequent breaks lead to expensive repairs. Existing loan for the property itself.
- X Does the project support economic growth?** No, the project will improve the economic wellbeing of the MHP residents only. It does not expand the water system to increase capacity for additional housing or new businesses.

SPECIAL PROJECT ASSISTANCE APPLICATION

Jewel Estates Mobile Home Park

Project History and Need

- Failing infrastructure
- Frequent breaks and leaks leading to exorbitant repair costs annually
- Leaking sewer lines pose threat of contamination
- Low-income community already inundated with repair costs and existing loan on the property itself

Water System Stats

MHI: \$48,413 (76% response rate)

Current User Rates: \$386 (PEU) + \$793 (loss/repair) = \$1,178.85 annually

Projected Rate: \$986.57

Current AI: 2.43

Projected AI: 2.04

Connections: 44

Population Served: 75

SPECIAL PROJECT ASSISTANCE APPLICATION

Jewel Estates Mobile Home Park

Project Scope

- Replace entire distribution system
- Add curb stops at each service
- Add booster pump to increase pressure throughout the MHP
- Add flushing hydrants and fire hydrant
- Concurrent road rebuild project



Aerial image of the MHP



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Looking Back at 2023- Target Allocations

Trust Fund balance was \$108,880,701 on 12/31/2022

20% total allocation- \$21,776,141

50%- Drinking Water Construction Grants

40%- Drinking Water Construction Loans

10%- Other Grants (Source Water Protection and NHDES Initiatives)

Program	Loan	Grant
Drinking Water Construction Project Assistance: <i>Annual Round and Special Project Assistance</i>	\$8,710,456	\$10,888,070
Source Water Protection Program	\$0	\$2,000,000
NHDES Initiatives in Accordance with RSA 485-F:3,I	n/a	\$177,614
TOTAL		\$21,776,141

2023 Awarded Funds

20% allocation- \$21,776,141

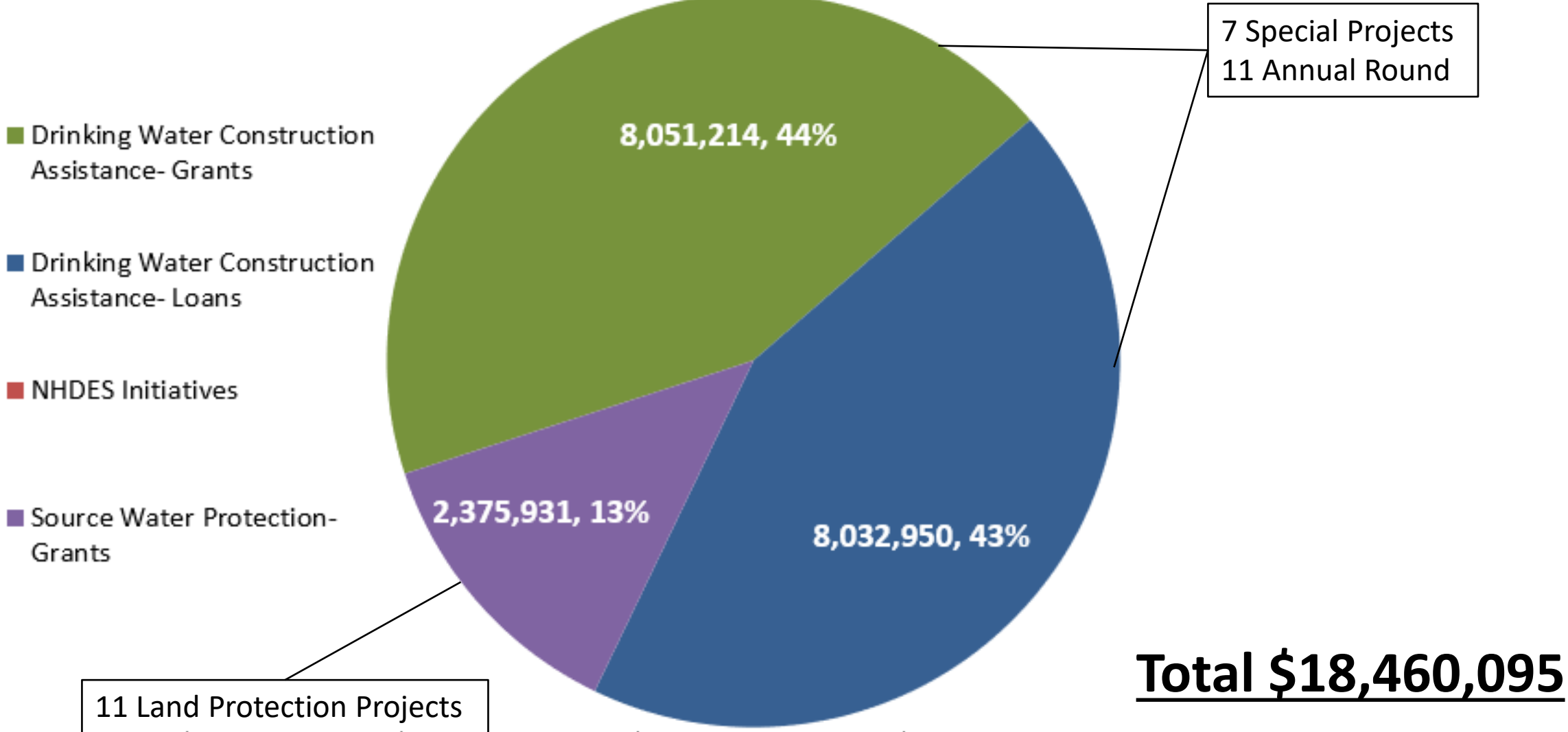
Awards approved by the Advisory Commission

Program	Loan	Grant
Drinking Water Construction Project Assistance	\$8.03 (-.68)*	\$8.10 (-2.84)
<i>Annual Round</i>	\$9.31	\$2.66
<i>Special Project Assistance</i>	\$0	\$5.39
Source Water Protection Program	\$0	\$2.38 (+.38)
NHDES Initiatives in Accordance with RSA 485-F:3	n/a	\$0 (-0.)
<i>Subtotals</i>	\$8,032,950* (44%)	\$10,427,145 (56%)
TOTAL AWARDS IN 2023	\$18,460,095(-3.32)	

*Commission approved \$11,307,950 in loans; City of Rochester declined \$3,275,000 loan 2-2-24

Values presented in millions of dollars.

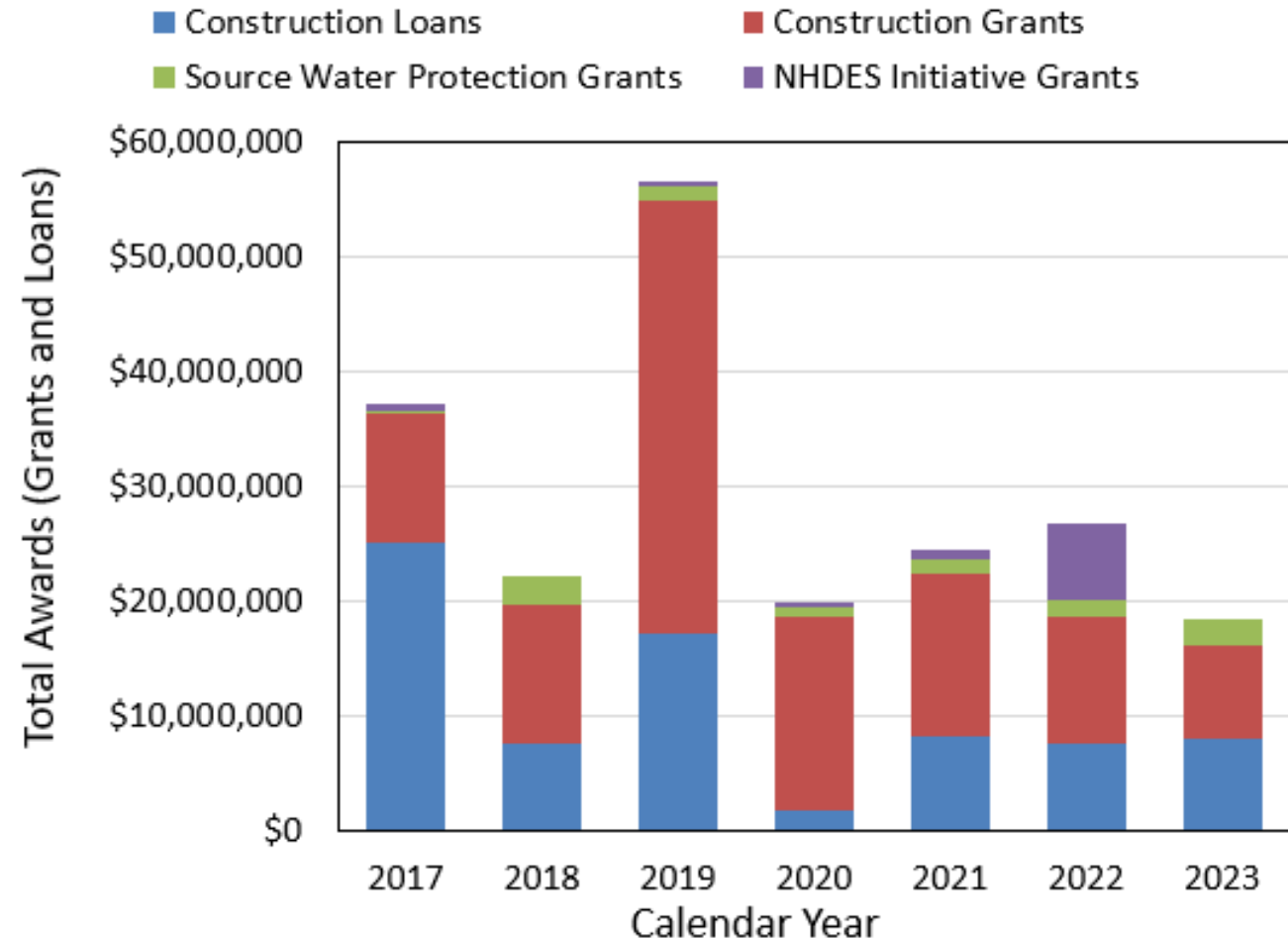
Summary of 2023 Awards



Summary of Awards Since 2017

- 56% grant and 44% loan
- Lowest grant amount awarded to date
- There were no DES Initiatives proposed and funded
- Awarded \$2.4 in grants for the Source Water Protection Program
 - Second highest since 2017
- Other DES programs have provided significant funding for water infrastructure in past three years from additional Federal funding

Total \$18,460,095



Summary of Awards Since 2017

Other DES programs have provided significant funding for water infrastructure in past three years from additional Federal funding

DWGB Water Infrastructure Funding			
	2021	2022	2023
ARPA Construction	\$30,961,832	\$8,690,366	\$0
ARPA Sustainability	\$5,719,275	\$5,993,336	\$0
BIL	\$0	\$53,897,000	\$59,590,000
DWSRF Base	\$11,100,000	\$7,008,000	\$4,938,000
WIIN	\$1,307,000	\$593,000	\$19,795,000
Total DWGB Programs	<i>\$49,088,107</i>	<i>\$76,181,702</i>	<i>\$84,323,000</i>
DWGTF	\$24,327,035	\$26,612,380	\$18,460,095
Water System Investment	\$73,415,142	\$102,794,082	\$102,783,095



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CONCLUDE



Lead in Drinking Water at New Hampshire Schools and Child Care Facilities



[Learn more about lead in drinking water](#)

Sample Round

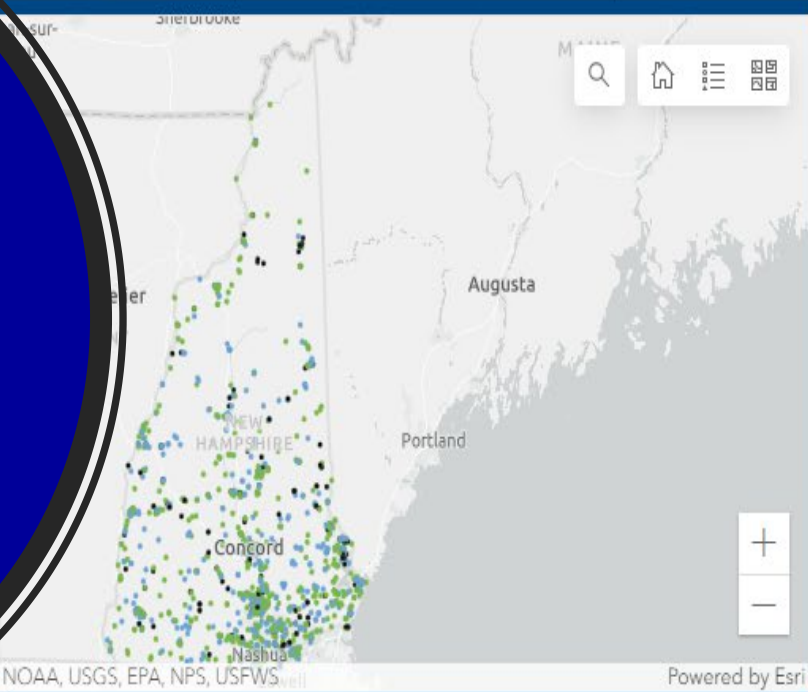
- 1
- 2
- 3

Select a Municipality
No Selection

Select by SAU Name
No Selection

Select by SAU Number
No Selection

Filter by Facility Status
No Selection



Get the Lead Out of Drinking Water Results

Facility List

Search...

• 1-2-3 Follow Me

Facility Outlets

Selection required from the Facility List (located above)

Sample Results for Outlets

Selection required from the Facility Outlets list (located above)

Facility Location by Status

- Reported
- Not Reported

Percentage of All Facilities Sampled

59.8%

704 of 1,178 Facilities

Filtered by selected sample round and current map extent

All Facilities

Outlet Statistics

Selection required from the Facility List



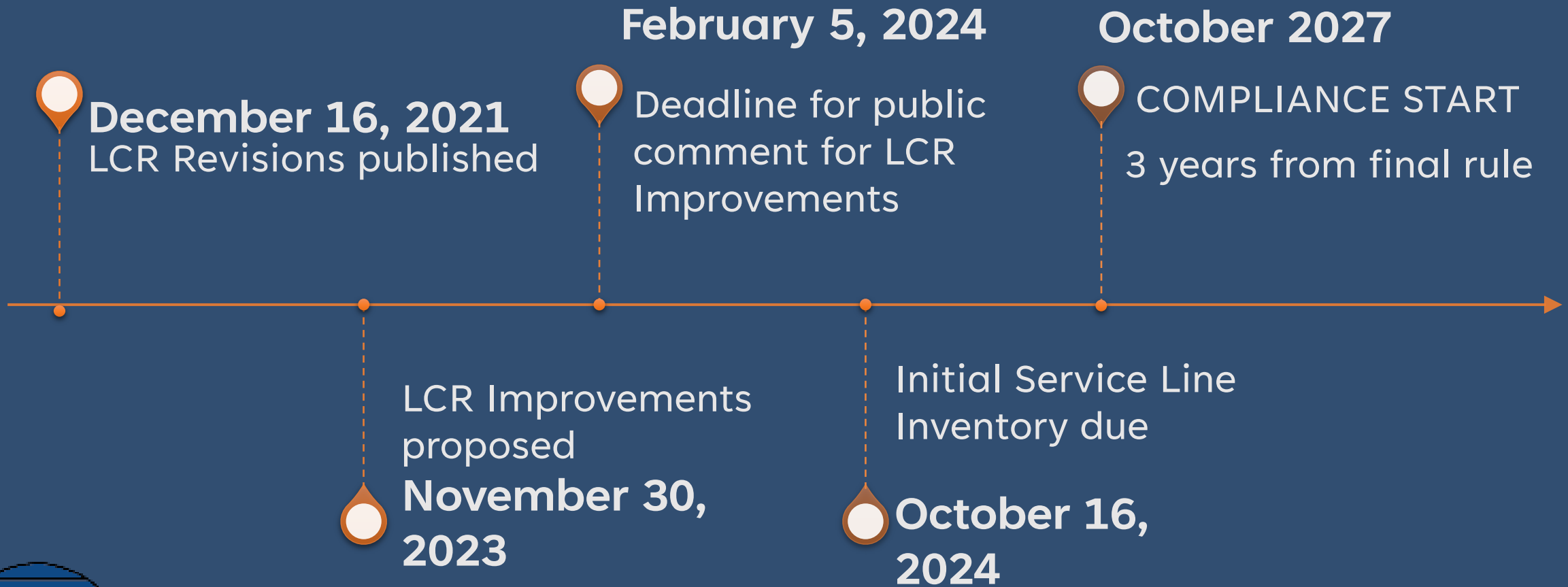
Federal Lead and Copper Rule Revisions

and

NH Get The Lead Out of Schools and Child Cares

When the dashboard initially opens, the metrics presented show data for the ENTIRE state. To see statistics for an individual SAU, municipality, or facility, use the selectors located at the left of the dashboard and

Timeline LCRR / LCRI Rules



Federal LCR Revisions / Improvements

- **Service Line Materials Inventory** both public and private side by Oct 2024
- New Action Level **10 ppb** (down from 15)
- Acute - **24 hr Notice** Lead Exceedances
- Consumer Notice by **3 days** all samples
- New Sampling Locations (Site Tiers)
- New Sampling Protocols
- Reset to semi-annual sampling for most
- Distribution Assessment all sites >10 ppb
- Sampling Elementary Schools and Licensed Childcare Facilities



Lead Remediation Grant Update

- 100% Reimbursement program as of 2023
- Application at [GetTheLeadOutNH.org](https://gettheleadoutnh.org) “[Available Funding](#)” page of our website
- \$1,000,000 for all Schools K-12 administered by NHDES
- \$400,000 for Licensed Childcares administered by NH DHHS
- All faucets testing at 5 ppb or greater
- Currently, most facilities on Round 2 of 3 of testing. Lab costs paid by federal WIIN-Lead

NH Get the Lead Out of Drinking Water | gettheleadoutnh.org

The screenshot shows the website for the New Hampshire Department of Environmental Services. At the top, there is a navigation bar with links for "Advisories", "Events", "OneStop", "About", and "Contact", along with social media icons for Facebook, Twitter, Instagram, and YouTube. Below this is a secondary navigation bar with links for "Home and Recreation", "Business and Community", "Climate and Sustainability", "Permits, Rules and Regulatory", and "Resource Center". The main content area features a large image of a person in a blue glove pouring water from a white jug into a metal sink. Below the image is a breadcrumb trail: "Home > Water > Drinking Water > Lead in Drinking Water > Resources for Schools and Child Care Programs". The main heading is "Resources for Schools and Child Care Programs" with the subtext "Helping facilities achieve compliance with lead sampling requirements." To the right is the "NH Get the Lead Out of Drinking Water" logo. Below the heading is a paragraph of text explaining the law (RSA 485:17-a) and the testing requirements. To the right of this text is a "Quick Links" section with a link for "Program Chain of Custody - Excel Version". At the bottom, there is a grid of six icons with corresponding text: "Find a Lab >", "Collect Samples >", "View Results >", "Communicate and Take Action >", "Report Remediation >", and "Available Funding >". The "Available Funding >" link is highlighted with a red border.

Facility Testing Status and Results

GetTheLeadOutNH.org



Results Data Table

Step 1

[Click Here to Check the Status of a Facility](#)

Step 2

Schools	Child Care Programs	Combined Data Briefs
Round 1	Round 1	Round 1
Round 2	Round 2	
Round 3	Round 3	

GIS Map View

[Map Dashboard – Lead in Drinking Water](#)

Lead in Drinking Water at New Hampshire Schools and Child Care Facilities

Sample Round: 1 2 3

Select a Municipality: No Selection

Select by SAU Name: No Selection

Select by SAU Number: No Selection

Filter by Facility Status: No Selection

Facility Location by Status

- Reported
- Not Reported
- Closed/Inactive

Percentage of All Facilities Sampled

95.6%

1,035 of 1,083 Facilities

Filtered by selected sample round and current map extent

4 All Facilities

Facility List

Search...

- 1-2-3 Follow Me
- 2nd Nature Academy/Nature of Things
- 4 Kids Child Care
- A Brighter Future Learning Center-Manchester
- A Place To Grow

Facility Outlets

Selection required from the Facility List (located above)

Sample Results for Outlets

Outlet Statistics

For either data table or GIS map option visit GetTheLeadOutNH.org and click “View Results”

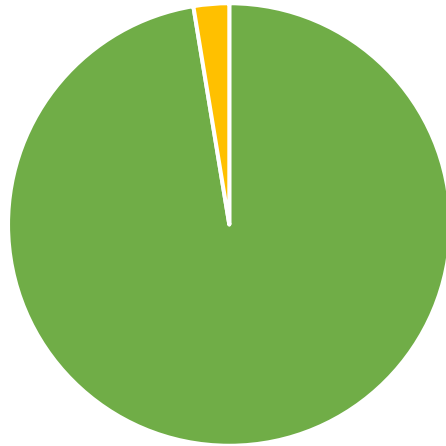
Testing Progress All Facilities

*Lab costs paid for Rounds 2 and 3 all Childcares and Public Schools.

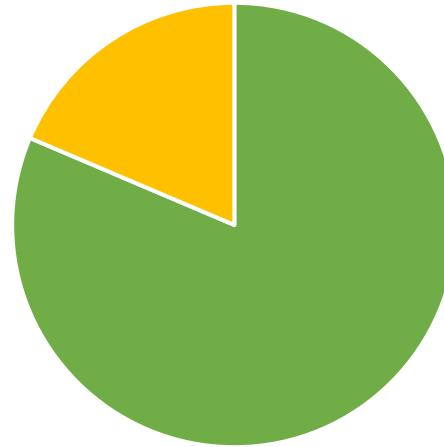


Schools
651

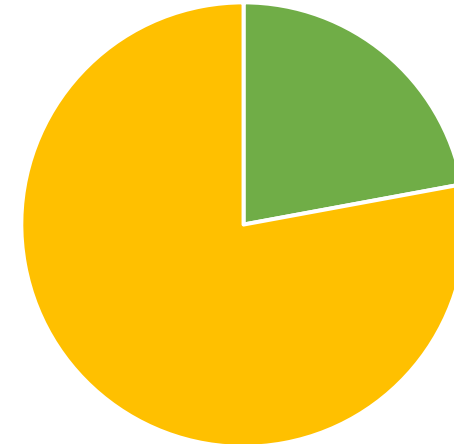
Round 1



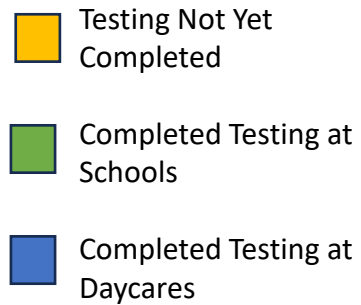
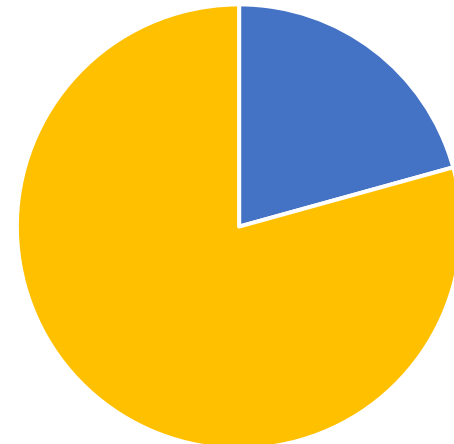
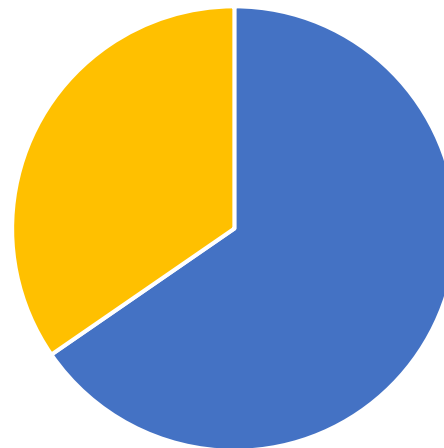
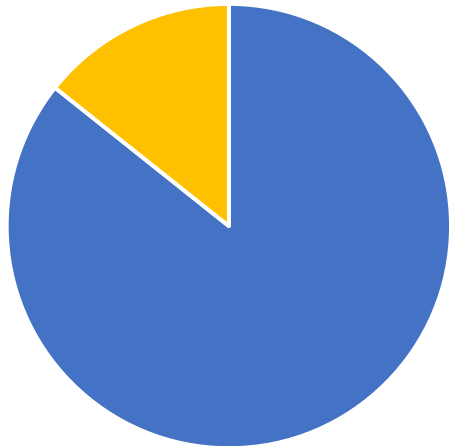
Round 2



Round 3



Childcares
739





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Thank You

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