MEMORANDUM

TO: NWABSD Board of Education Members

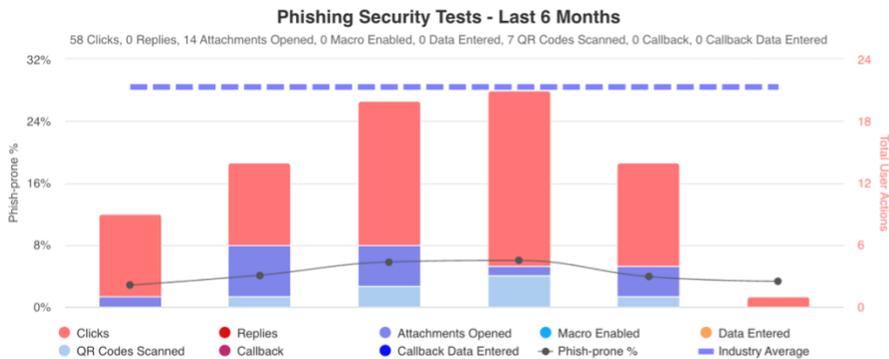**DATE:** February 24, 2026

FR: Office of the Superintendent

SUBJECT: Technology Report

Amy Eakin, Director of Technology, reports on the following:

Track 1: Operational Improvements
Initiative: Optimize Business Practices
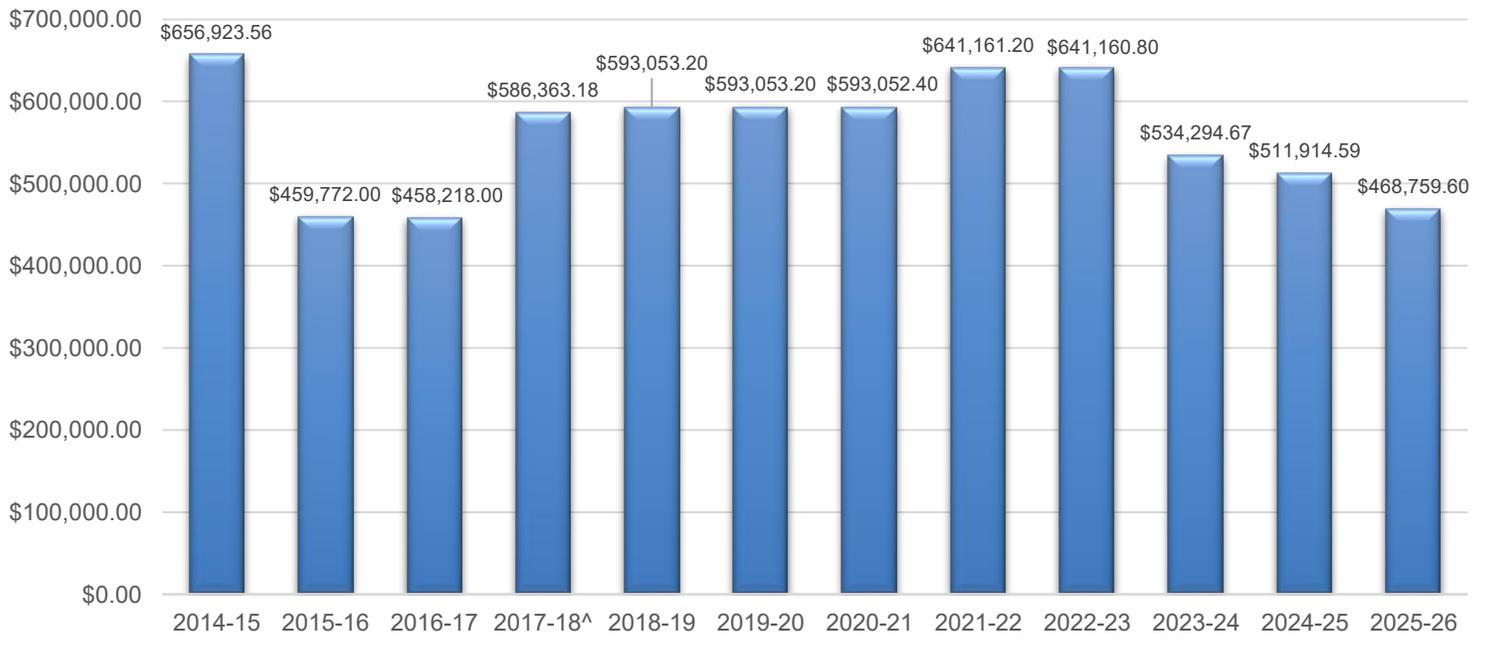
1. Agenda Items:
   a. E-Rate Central FY27 MOA

2. Cybersecurity and Data Protection Implementation
   a. Phishing tests run monthly with follow up lessons from KnowBe4 for folks that click or respond.
      i. Clickers Enrolled in Additional Training
         1. May 2025 - 17
         2. June 2025 - 8
         3. July 2025 - 11
         4. August 2025 – 13
         5. September - 5
         6. October – 11
         7. November – 15
         8. December – 10
         9. January - 8

3. E-Rate Revenue
   a. Category 2 – Hardware
      i. $333,433.75 budgeted by E-Rate Program (RFPs & 15% match required)
      ii. New Funding window FY26-FY30 (NWABSD has five years to use funds)
   b. Category 1 – Internet
      i. 2025-2026 funding awarded in Wave 1
      ii. $11,609,460.00 requested and funded
      iii. District pays a 10% match that is buffered by the State Broadband Assistance Grant ($821,180.40 funded for FY26)
      iv. Total out-of-pocket for 2025-2026 is 3.6% of actual internet costs
      v. Costs for 2026-2027 are projected to be the same

District Cost from 2014 to Present

Year	Cost
2014-15	$656,923.56
2015-16	$459,772.00
2016-17	$458,218.00
2017-18^	$586,363.18
2018-19	$593,053.20
2019-20	$593,053.20
2020-21	$593,052.40
2021-22	$641,161.20
2022-23	$641,160.80
2023-24	$534,294.67
2024-25	$511,914.59
2025-26	$468,759.60

HISTORICAL

NWABSD

BROADBAND

Location	2014-15	2015-16	2016-17	2017-18^	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	DIFFERENCE FROM FY25 to FY26
Ambler	7/3* → 10/4	15/4	15/4	15/4	15/4	15/4	25/4	25/4	25/4	25/10	50/10	100/40	Increase Upload/Download Speed
Buckland	7/3 → 10/4	15/5	15/5	20	20	20	25	25	25	25	100	100	Increase Quality of Service
Deering	7/3 → 10/4	15/5	15/5	15/4	10/4	10/4	25/4	25/4	25/4	25/10	50/10	100	Increase Upload/Download Speed
Kiana	7/3 → 10/4	15/5	15/5	15	15	15	25	25	25	25	100	100	Increase Quality of Service
Kivalina	7/3 → 10/4	15/5	15/5	15/4	15/4	15/4	25/4	25/4	25/4	25/10	100	100	Increase Quality of Service
Kobuk	7/3 → 10/4	15/5	15/5	15/4	10/4	10/4	25/4	25/4	25/4	25/10	50/10	100/40	Increase Upload/Download Speed
Noatak	7/3 → 10/4	15/5	15/5	20	20	20	25	25	25	25	100	100	Increase Quality of Service
Noorvik	7/3 → 10/4	15/5	15/5	20	20	20	25	25	25	25	100	100	Increase Quality of Service
Selawik	7/3 → 10/4	15/5	15/5	25	25	25	25	25	25	25	100	100	Increase Quality of Service
Shungnak	7/3 → 10/4	15/5	15/5	15/4	15/4	15/4	25/4	25/4	25/4	25/10	50/10	100/40	Increase Quality of Service and Increase Upload/Download Speed
District Office	5	15/5	15/5	20	60	60	60	100	100	100	100	100	Increase Quality of Service
KMHS	5 → 10	15/5	15/5	10	10	10	25	25	25	25	100	100	Increase Quality of Service
JNES	NA	NA	NA	10	10	10	25	25	25	25	100	100	Increase Quality of Service
ATC	3	15/5	15/5	5	5	10	10	10	5	5	50	100	Increase Quality of Service and Increase Upload/Download Speed
STAR Dorm	NA	NA	NA	NA	5	5	5	5	5	5	5	5	Increase Quality of Service
Total Cost	$5,099,210.05	$5,166,180.00	$5,163,480.00	$6,303,870.00	$5,930,532.00	$5,930,532.00	$7,623,192.00	$8,104,272.00	$8,285,448.00	$9,005,800.00	$21,614,383.55	$12,899,400.00	($8,714,983.55)
Total E-Rate Eligible Cost	$5,089,210.05	$5,166,180.00	$5,163,480.00	$6,303,870.00	$5,930,532.00	$5,930,532.00	$7,623,192.00	$8,104,272.00	$8,285,448.00	$9,005,800.00	$21,614,383.55	$12,899,400.00	($8,714,983.55)
E-Rate Revenue	$4,034,271.60	$4,649,562.00	$4,647,132.00	$5,673,482.82	$5,337,478.80	$5,337,478.80	$6,860,872.80	$7,293,844.80	$7,456,903.20	$7,205,220.00	$19,452,945.20	$11,609,460.00	($7,843,485.20)
BAG Revenue	$408,014.89	$56,846.00	$58,130.00	$44,024.00	NA	NA	$169,266.80	$169,266.00	$187,384.00	$206,285.33	$1,649,523.76	$821,180.40	($828,343.36)
District General Funds Cost	$656,923.56	$459,772.00	$458,218.00	$586,363.18	$593,053.20	$593,053.20	$593,052.40	$641,161.20	$641,160.80	$534,294.67	$511,914.59	$468,759.60	($43,154.99)

Legend:
- GEO Satellite w/no Resiliency
- LEO Satellite
- Fiber w/no Resiliency
- Microwave/Terra Fiber w/no Resiliency
- Microwave/Terra Fiber with Partial Priority

	Aug–Dec 2023	Jan-Jul 2024	Aug–Dec 2024	Jan-Jul 2025	Aug–Dec 2025	Jan-Jul 2026	Aug–Dec 2026	Jan-Jul 2027	Aug–Dec 2027
5-12 Laptops	6-12 Refresh 2020 (Intel); 5-8 Refresh 2023 (M1)		5-8 & 6-12 Fleets Merged					Refresh 5-12 Fleet/Cases 2027	Deploy 5-12 Fleet
SMARTBoards	Purchased 2014/2015; Warranty expired 6/30/20		10 Annually		5 Annually			5 Annually	
Principal Laptop, Secretary/DO iMacs	Secretary and DO iMac Refresh 2023	Principal Refresh/Deploy Pro/Screen 2024							Refresh Fleet 2030
PK-4 iPads	Refresh Fleet 2021	Prepare for App Refresh	Refresh Apps			Refresh Fleet			
Staff iPads	Fleet Purchased 8/2020					Refresh PK-4 Teacher Fleet			
Staff Laptops	Refresh Fleet 2021 (M1/Intel)							Refresh Fleet 2027	Deploy Refreshed Fleet 2027
Computer Labs	ATC – partial update (5yr.)			ATC Full Update					
Network Infrastructure (Switches, Wireless)	402 Rack Replacement; Split OTZ Circuits Switches		C2 Install Wifi-6 APs in schools IAN, ORV, BKC, DRG; KVL Switch	C2 Install Wifi-6 APs in WLK, SHG, ABL, WTK; ATC, OTZ Switches	C2 Install Wifi-6 OBU, ATC Dorm, ORV; Apple Upgrade Caching Servers – IAN, ABL, SHG, DRG, OTZ, ORV, OBU, ATC, KVL, WLK	C2 Install Wifi-6 KMHS, BKC, IAN; Apple Upgrade Caching Servers – BKC, WTK	BKC L3 Switch		
Meraki Refresh	3yr. License Renewal 2023						License Renewal 9/29/2026		
Phone System	Partial Phone Refresh 2023			Research Phone Refresh/Migration		Upgrade Phone System			
VTC	RUS Award 2020; Complete install of RUS awarded Infrastructure		Update Polycom Camera Software						Deploy Refreshed Teams MPBs
Servers	Refresh SHG	Refresh WLK	Research Village Virtualization Servers	Purchase Pilot Servers; Plan Refresh	MS-A2 Servers – KVL, ATC, OBU, IAN (pilot)			DO Server Refresh 2027	
Windows Infrastructure	Windows 2019 Server Upgrade 2023								Windows Server Upgrade 2030

Additional work completed:
November 7, 2025 – February 9, 2026

Time Frame: Nov 9, 2025 To Feb 9, 2026 | Time Scope: Created Time | Group By: Site | Stack By: State | Limit: 16

FILTERED BY Site: KMHS +13 more
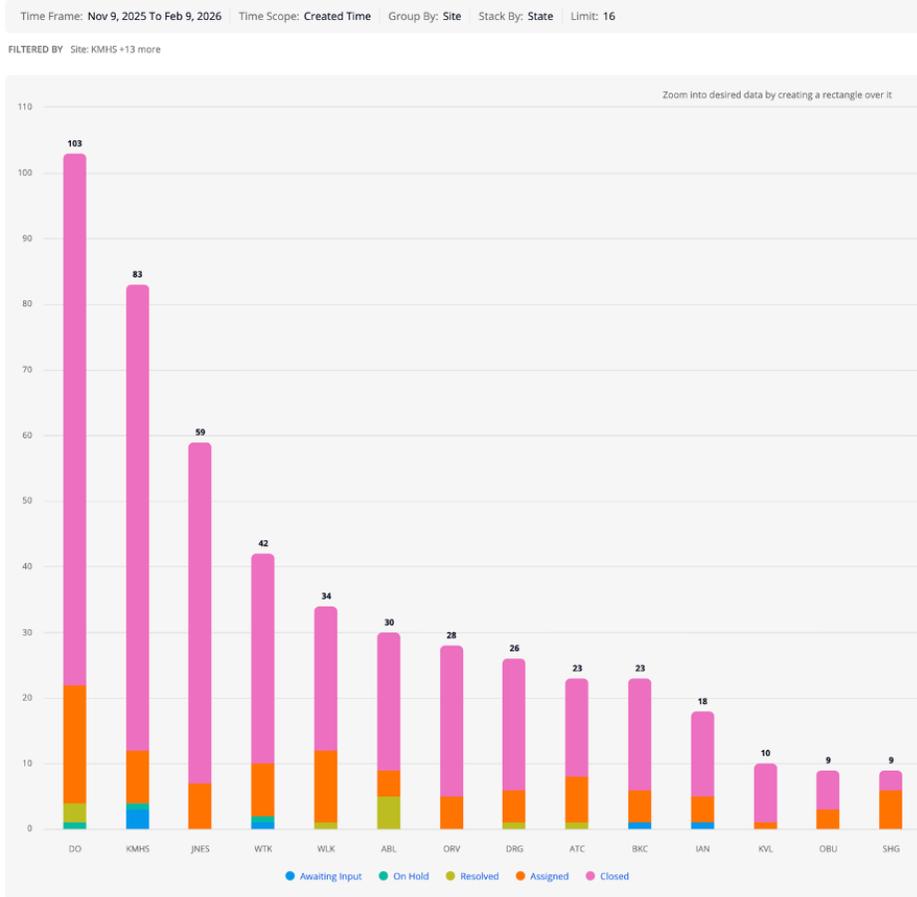
Report on IT Initiatives and Updates

- **Staff Onboarding & Transition Support**
  This time of year, involves significant ticket categorization and list organization to support districtwide operations. A primary focus has been facilitating staff transitions, including onboarding new hires and processing internal transfers:
  - Creating and configuring Active Directory (AD) accounts and group memberships
  - Provisioning appropriate Microsoft 365 licenses
  - Preparing and assigning devices based on staff roles
  - Enforcing Multifactor Authentication (MFA)

  These actions help ensure a secure and seamless start for staff while maintaining compliance with district IT standards and enhancing overall operational efficiency.

- **Districtwide Multi-Factor Authentication (MFA) Deployment**
  - Completed at Buckland and Kivalina

- **DRC (Data Recognition Corporation – aka testing software) Central Office Caching Server**
  - Updated DRC Caching assessment, caching servers districtwide for testing.

- **DRC Insight application deployment**
  - Deploy DRC Insight client to all district devices.