BOQUET VALLEY
CENTRAL SCHOOL DISTRICT

Regular BOE Meeting

June 13th
2023-24

Superintendent Report

- Grants Update
- Facilities Committee
- Roof
- Reserve Plan Reviews
- 2023-24 District Goals
- 2024-25 District Goals
- Reorganization Meeting Discussion

Grants Update

- Section 611 & 619 Grants are used to offset the costs of the education of students with disabilities:

2024-2025 Awards:

- 611 Funds (used for ages 3-21)
611: $134,412

- 619 Funds (used for ages 3-5)
619: $8,379

- UPK amendment submitted to modify expenditures and adjusted amounts based on enrollment.

Grants Update (ESD)

1.) Engage 200 students in 15 hours of ESD activities in grades 3-12 to make successful transitions in school and to careers or higher education. Implemented through partnerships with ACAP, CCE, CFES and BRIEF.

2.) Year 5 budget submitted 2024-2025, grant ends 2026

ESD ‘23- ‘24 Highlights

- 6th Grade Boston Trip in Collaboration with The Social Center.

Facilities Committee 2.0

- Committee Members
  - Dave Whitford
  - Tom Bisselle
  - Sheera Broderick
  - Jim Jackson
  - Sam Sherman
  - Micah Stewart
  - Kathryn Cramer
  - Schelling McKinley
  - Josh Kingzack
  - 1 MVC Teacher
  - 1 LVC Teacher
  - 1 Student
  - 2 BOE members
- Consultant
  - Capital Region BOCES Engagement and Development Services

Roof Update

- Process continues to move forward
- Expecting completion during summer of 2024

Facilities Update

- DoL-Asbestos tile removal
- ATL Testing

This presentation and full report will be posted on the BVCS website

Bouquet Valley CSD Air Quality Review

Review & Summary of the Air Quality Sampling and Analysis of the Mountain View and Lake View Campuses of BVCS

-Summary conducted by Tom Smith, CVES HSRM

Air Sampling

- Air sampling was conducted at the Mountain View and Lake View campuses in April 2024 by Atlantic Testing Laboratories (ATL).
- Samples were collected within approximate breathing zone (4-6 feet above floor level).
- Buildings were occupied at the time of sample collection.
- 19 Samples were collected at a duration of 5 minutes each.
- Samples collected tested for:
  - Indoor Air Quality (IAQ)
  - Mold
- Instruments Used:
  - TSI Q-Trak 7575 - IAQ monitor
  - Fluke 985 Particle Counter - airborne particles
  - RAE 3000+ Portable Photoionization Detector (PID) - Volatile Organic Compounds (VOC’s)

Direct Quotes from ATL (on 5/29)

“I am barely concerned at all”

“No remediation is needed”

“There are no pressing needs at this time”

“Overall, mold is not an issue on either campus”

“HVAC upgrade should solve all of these problems”

“HVAC upgrade is not emergent and can wait until another capital project is planned”

Indoor Air Quality (IAQ Testing)

IAQ refers to the air quality within and around buildings and structures, especially as it relates to the health and comfort of building occupants. Understanding and controlling common pollutants can help reduce the risk of indoor health concerns. - U.S. EPA.

Good IAQ is typically characterized by comfortable temperature and humidity, adequate supply of fresh outdoor air, and control of pollutants from inside and outside of the building.

The air samples taken tested the following:

- Temperature
- Relative humidity
- Carbon Dioxide
- Carbon Monoxide
- Airborne Particles
  - 0.3 micrometers (um) to 10 um
- Volatile Organic Compounds (VOC)

IAQ Findings: Relative Humidity

BVCS:

- **Avg. Relative Humidity: 14%-38%**
  - **Outdoor Relative Humidity: 10%-22%**

***sample level may not be indicative of normal building conditions.**

Suggested Standard:

- **Recommended Relative Humidity: 40%-60%**

Take away:
Lower indoor relative humidity is beneficial as it relates to mold since moisture is required for mold growth. A moderate relative humidity level is more beneficial as it relates to airborne-transmitted illnesses. Higher relative humidity levels do not necessarily equate to a negative impact on indoor air quality.

IAQ Findings: Carbon Monoxide

BVCS:

- **1.4ppm @ front entrance - Mtn. View campus**
- **No other Carbon Monoxide detected at either location.**

Suggested Standard:

- **OSHA recognized Permissible Exposure Limit (PEL): 50ppm**

Take away:
Carbon Monoxide is not currently a concern at either location.

IAQ Findings: Carbon Dioxide

BVCS:

- **CO_2 samples ranged from 400 ppm - 1700 ppm.**
- **Mtn. View Campus - 7/16 samples above 800 ppm and 3/16 above 1,000 ppm.**
- **Lake View Campus - 7/37 samples above 800 ppm and 5/37 above 1,000 ppm.**

Suggested Standard:

- **NIOSH indicates levels greater than 800 ppm may represent ventilation system inadequacy.**
- **ASHRAE recommends adjusting building ventilation system once CO_2 levels exceed 1000 ppm.**

Take away:
Based on the NIOSH and ASHRAE standards, the current ventilation system should be assessed for adequacy of air exchange.

IAQ Findings: VOCs

BVCS:

- **No detectable levels of VOCs were encountered during sampling.**

Suggested Standard:

- **Not applicable at this time.**

Take away:
As no VOC's were detected during sampling, Indoor VOCs are not currently a concern with regard to indoor air quality.

IAQ Findings: Particle Counts

BVCS:

- **Indoor particle count measurements were significantly higher than outdoor tested locations at each micrometer tested (0.3, 0.5, 1.0, 2.0, 5.0, 10.0 um). Only a few locations at each micrometer tested under the outdoor value.**

Suggested Standard:

- **Typical indoor particle counts should range 30-80% that of the outdoor counts.**

Take away:

- Further assessment of the ventilation system may be necessary to verify adequacy of air exchange and filtration.
- Areas with visible dust may require more frequent cleaning to reduce airborne particulate matter.

Mold

- Molds can be found almost anywhere. This includes indoors and outdoors.
- It is impossible to eliminate all molds and mold spores
- Molds are simple, microscopic organisms that can grow on any organic surface.
- Mold needs 3 criteria to grow
  - Organic substance
  - Oxygen
  - Moisture
- Warmer temperatures can also contribute to mold growth.
- There are 13 classifications of mold for air sampling that include Alternaria, Aspergillus/Penicillium-like, Mycelial Fragments, Pollen, Rusts/Smuts, and more.
- Controlling building moisture can reduce potential mold growth.

Mold Findings:

Take Away:

- **Information from air sampling and analysis in not indicative of an adverse impact to indoor air quality as it relates to mold spores.**
- **Exceedances for indoor air samples further supports the recommendation for assessment of the ventilation system for both campuses.**
- **Frequent/more frequent cleaning of areas that may be dusty would promote reduction of higher particle counts, including mold spores.**

Recommended Next Steps

The following are recommendations for next steps to attempt to alleviate IAQ concerns:

- Increase frequency of cleaning schedule in locations where increased dust and airborne particulate has been identified.
- Consult with HVAC Filter company to ensure correct filters are being utilized to get maximum air filtration while also achieving maximum air turn over.
- Consult with HVAC technician to assess HVAC system and recommend upgrades if necessary.
- Continue to work with CVES HSRM to assess air quality and determine if concerns are diminishing.
- Re-test air quality in conjunction with accredited lab (ATL) if concerns continue after remediation attempts have been made
- Confer with IAQ specialists at NYSDOH if necessary.

Direct Quotes from ATL (on 5/29)

“I am barely concerned at all”

“No remediation is needed”

“There are no pressing needs at this time”

“Overall, mold is not an issue on either campus”

“HVAC upgrade should solve all of these problems”

“HVAC upgrade is not emergent and can wait until another capital project is planned”

Reserve Plan Review

Boquet Valley CSD Reserves										
2023-24										
G/L Account	Name	Balance 6/30/2023	Use as of March 31, 2024	Interest thru March 31, 2024	Balance 3/31/2024	Estimated Interest 3 months	Proposition Approved by Voters May 21, 2024	Board Resolution to fund/close the Reserves	Estimated Use prior to June 30, 2024	Estimated Balance June 30, 2024
815.01	BV-Unemployment Insurance Reserve	63,524.49		2,544.92	66,069.41	848.31				66,917.00
828.00	BV-Retirement Contribution Reserve (ERS)	199,508.47	-	7,992.84	207,501.31	2,664.28				210,165.00
827.00	BV-Sub-fund of Retirement Contribution Reserve (TRS) ($5,055,119.43 X 2%)	103,688.41	-	4,154.05	107,842.46	1,384.68		101,102.00	-	210,329.00
863.00	WP-Insurance Reserve	27,409.70	-	1,098.11	28,507.81	366.04			-	28,873.00
864.00	BV-Tax Certiorari Reserve	195,679.41	-	7,839.53	203,518.94	2,613.18		26,685.41	-	232,817.00
864.01	WP-Reserve for Tax Cert	8,602.81		344.70	8,947.51	114.90		(9,062.00)	-	-
864.02	EL-Tax Certiorari Reserve	53,028.42		2,124.45	55,152.87	708.15		(55,861.00)		-
867.02	BV-Employee Benefits Accrued Liability Reserve (Compensated Absences $554,778)	718,531.95	11,020.00	3,255.13	710,767.08	1,085.04			73,755.80	638,096.00
878.00	EL-Transportation & Maintenance Equipment Reserve	783,187.60	200,391.96	29,793.20	612,588.84	4,557.07	(617,145.08)			-
878.01	WP-Capital Improvements Reserve	882,708.10	-	35,363.66	918,071.76	6,828.89	(924,900.06)		-	-
	Scholarships **(Restricted Fund Balance, Not a Reserve)**	60,255.54	500.00	256.95	60,012.49	85.65				60,098.00
878.03	EL-Capital Improvements Reserve	4,142,205.14		161,393.26	4,303,598.40	32,008.75	(4,335,607.11)		-	-
878.08	2024-Reserve-Capital Project	-				26,748.00	5,260,507.17	400,000.00		5,687,255.00
878.09	2024-Reserve-Transportation & Maintenance Equipment	-			-	5,373.99	617,145.08	200,000.00	-	822,519.00
		7,238,330.04	**211,911.96**	**256,160.80**	**7,282,578.88**	**85,386.93**	**-**	**662,864.41**	**73,755.80**	**7,957,069.00**
	FB-Nonspendable	-								
915.00	FB-Assign Unapp Encumbrance	3,081.00			**Budget**					
917.00	FB-Unassigned June 30, 2023	1,401,710.00	8.96%		15,635,634	625,425	4% of 2023-24 Budget			
914.00	FB-Assigned Appropriated	-								
	Total Fund Balance June 30, 2023	**8,643,121.04**								
	Carryover to Fund Balance (Actual Revenue - Expenditures)	589,251.00	Estimate as of April 30, 2024 Board approved $750,000 for Roof							
	Annual Interest on Restricted Reserves	341,547.73								
	Unbudgeted Use of Reserves/Closed Reserves	(589,108.61)								
	Total Fund Balance June 30, 2024	**8,984,811.16**								
	FB-Nonspendable	-								
915.00	FB-Assign Unapp Encumbrance	-			**Budget**					
917.00	FB-Unassigned June 30, 2024	1,027,742.16	6.57%		15,651,006	626,040	4% of 2024-25 Budget			
914.00	FB-Assigned Appropriated	-								
	Estimated Reserved Fund Balance June 30, 2024	7,957,069.00								
	Total Fund Balance June 30, 2024	**8,984,811.16**								

Reserve Plan Review

Boquet Valley CSD Reserves
2023-24

G/L Account	Name	Balance 6/30/2023	Use as of March 31, 2024	Interest thru March 31, 2024	Balance 3/31/2024	Estimated Interest 3 months	Proposition Approved by Voters May 21, 2024	Board Resolution to fund/close the Reserves	Estimated Use prior to June 30, 2024	Estimated Balance June 30, 2024
815.01	BV-Unemployment Insurance Reserve	63,524.49		2,544.92	66,069.41	848.31				66,917.00
828.00	BV-Retirement Contribution Reserve (ERS)	199,508.47	-	7,992.84	207,501.31	2,664.28				210,165.00
827.00	BV-Sub-fund of Retirement Contribution Reserve (TRS) ($5,055,119.43 X 2%)	103,688.41	-	4,154.05	107,842.46	1,384.68		101,102.00	-	210,329.00
863.00	WP-Insurance Reserve	27,409.70	-	1,098.11	28,507.81	366.04			-	28,873.00
864.00	BV-Tax Certiorari Reserve	195,679.41	-	7,839.53	203,518.94	2,613.18		26,685.41	-	232,817.00
864.01	WP-Reserve for Tax Cert	8,602.81		344.70	8,947.51	114.90		(9,062.00)	-	-
864.02	EL-Tax Certiorari Reserve	53,028.42		2,124.45	55,152.87	708.15		(55,861.00)		-
867.02	BV-Employee Benefits Accrued Liability Reserve (Compensated Absences $554,778)	718,531.95	11,020.00	3,255.13	710,767.08	1,085.04			73,755.80	638,096.00
878.00	EL-Transportation & Maintenance Equipment Reserve	783,187.60	200,391.96	29,793.20	612,588.84	4,557.07	(617,145.08)			-
878.01	WP-Capital Improvements Reserve	882,708.10	-	35,363.66	918,071.76	6,828.89	(924,900.06)		-	-
	Scholarships **(Restricted Fund Balance, Not a Reserve)**	60,255.54	500.00	256.95	60,012.49	85.65				60,098.00
878.03	EL-Capital Improvements Reserve	4,142,205.14		161,393.26	4,303,598.40	32,008.75	(4,335,607.11)		-	-
878.08	2024-Reserve-Capital Project	-				26,748.00	5,260,507.17	400,000.00		5,687,255.00
878.09	2024-Reserve-Transportation & Maintenance Equipment	-			-	5,373.99	617,145.08	200,000.00	-	822,519.00
		7,238,330.04	**211,911.96**	**256,160.80**	**7,282,578.88**	**85,386.93**	**-**	**662,864.41**	**73,755.80**	**7,957,069.00**
	FB-Nonspendable	-								
915.00	FB-Assign Unapp Encumbrance	3,081.00			**Budget**					
917.00	FB-Unassigned June 30, 2023	1,401,710.00	8.96%		15,635,634	625,425	4% of 2023-24 Budget			
914.00	FB-Assigned Appropriated	-								
	Total Fund Balance June 30, 2023	**8,643,121.04**								
	Carryover to Fund Balance (Actual Revenue - Expenditures)	589,251.00	Estimate as of April 30, 2024 Board approved $750,000 for Roof							
	Annual Interest on Restricted Reserves	341,547.73								
	Unbudgeted Use of Reserves/Closed Reserves	(589,108.61)								
	Total Fund Balance June 30, 2024	**8,984,811.16**								
	FB-Nonspendable	-								
915.00	FB-Assign Unapp Encumbrance	-			**Budget**					
917.00	FB-Unassigned June 30, 2024	1,027,742.16	6.57%		15,651,006	626,040	4% of 2024-25 Budget			
914.00	FB-Assigned Appropriated	-								
	Estimated Reserved Fund Balance June 30, 2024	7,957,069.00								
	Total Fund Balance June 30, 2024	**8,984,811.16**								

Reserve Plan Review

Boquet Valley CSD Reserves										
2023-24										
G/L Account	Name	Balance 6/30/2023	Use as of March 31, 2024	Interest thru March 31, 2024	Balance 3/31/2024	Estimated Interest 3 months	Proposition Approved by Voters May 21, 2024	Board Resolution to fund/close the Reserves	Estimated Use prior to June 30, 2024	Estimated Balance June 30, 2024
815.01	BV-Unemployment Insurance Reserve	63,524.49		2,544.92	66,069.41	848.31				66,917.00
828.00	BV-Retirement Contribution Reserve (ERS)	199,508.47	-	7,992.84	207,501.31	2,664.28				210,165.00
827.00	BV-Sub-fund of Retirement Contribution Reserve (TRS) ($5,055,119.43 X 2%)	103,688.41	-	4,154.05	107,842.46	1,384.68		101,102.00	-	210,329.00
863.00	WP-Insurance Reserve	27,409.70	-	1,098.11	28,507.81	366.04			-	28,873.00
864.00	BV-Tax Certiorari Reserve	195,679.41	-	7,839.53	203,518.94	2,613.18		26,685.41	-	232,817.00
864.01	WP-Reserve for Tax Cert	8,602.81		344.70	8,947.51	114.90		(9,062.00)	-	-
864.02	EL-Tax Certiorari Reserve	53,028.42		2,124.45	55,152.87	708.15		(55,861.00)		-
867.02	BV-Employee Benefits Accrued Liability Reserve (Compensated Absences $554,778)	718,531.95	11,020.00	3,255.13	710,767.08	1,085.04			73,755.80	638,096.00
878.00	EL-Transportation & Maintenance Equipment Reserve	783,187.60	200,391.96	29,793.20	612,588.84	4,557.07	(617,145.08)			-
878.01	WP-Capital Improvements Reserve	882,708.10	-	35,363.66	918,071.76	6,828.89	(924,900.06)		-	-
	Scholarships **(Restricted Fund Balance, Not a Reserve)**	60,255.54	500.00	256.95	60,012.49	85.65				60,098.00
878.03	EL-Capital Improvements Reserve	4,142,205.14		161,393.26	4,303,598.40	32,008.75	(4,335,607.11)		-	-
878.08	2024-Reserve-Capital Project	-				26,748.00	5,260,507.17	400,000.00		5,687,255.00
878.09	2024-Reserve-Transportation & Maintenance Equipment	-			-	5,373.99	617,145.08	200,000.00	-	822,519.00
		7,238,330.04	**211,911.96**	**256,160.80**	**7,282,578.88**	**85,386.93**	**-**	**662,864.41**	**73,755.80**	**7,957,069.00**
	FB-Nonspendable									
915.00	FB-Assign Unapp Encumbrance	3,081.00			**Budget**					
917.00	FB-Unassigned June 30, 2023	1,401,710.00	8.96%		15,635,634	625,425	4% of 2023-24 Budget			
914.00	FB-Assigned Appropriated	-								
	Total Fund Balance June 30, 2023	**8,643,121.04**								
	Carryover to Fund Balance (Actual Revenue - Expenditures)	589,251.00	Estimate as of April 30, 2024 Board approved $750,000 for Roof							
	Annual Interest on Restricted Reserves	341,547.73								
	Unbudgeted Use of Reserves/Closed Reserves	(589,108.61)								
	Total Fund Balance June 30, 2024	**8,984,811.16**								
	FB-Nonspendable	-								
915.00	FB-Assign Unapp Encumbrance	-			**Budget**					
917.00	FB-Unassigned June 30, 2024	1,027,742.16	6.57%		15,651,006	626,040	4% of 2024-25 Budget			
914.00	FB-Assigned Appropriated	-								
	Estimated Reserved Fund Balance June 30, 2024	7,957,069.00								
	Total Fund Balance June 30, 2024	**8,984,811.16**								

Progress Towards District Goals 2023-24

- **Goal 1: Uphold and Improve Previous Initiatives**
  - On track for completion
- **Goal 2: Increase Student Academic Achievement**
  - On track for completion
  - Plan to continue this work in 2024-25
- **Goal 3: Recruitment Initiatives**
  - Have expanded our outreach efforts
  - Hiring season has been productive so far
- **Goal 4: Long-term Future of Facilities**
  - Will not complete by June 30th
  - We have a plan for continued discussion

Progress Towards District Goals 2023-24

- **Goal 1: Uphold and Improve Previous Initiatives**
- **Goal 2: Increase Student Academic Achievement**
- **Goal 3: Long-term Future of Facilities**
- **Goal 4: Seek District-wide Feedback**

Reorganization Meeting Discussion

- **July 1**
- **July 2**
- **July 3**
- **July 8**
- **July 11-AM only**
- **July 15**

Board Retreat Date Discussion

- **Typically 3-4 hours**
- **After Reorg Meeting**
- **School Attorney or NYSSBA**
- **July 15, 18, 23, 24, 29, 30**

Thank you

- Sharlene Petro-Durgan
- Micah Stewart
- Evan George