

# KEOUGH + SWEENEY, LTD.

ATTORNEYS AND COUNSELORS AT LAW  
41 MENDON AVENUE  
PAWTUCKET, RHODE ISLAND 02861  
**TELEPHONE** (401) 724-3600  
**FACSIMILE** (401) 724-9909  
www.keoughsweeney.com

RAYNHAM OFFICE:  
90 NEW STATE HIGHWAY  
RAYNHAM, MA 02109  
TEL. (508) 822-2813  
FAX (508) 822-2832

**JOSEPH A. KEOUGH JR.\***  
**JEROME V. SWEENEY III\***

**SEAN P. KEOUGH\***

**JEROME V. SWEENEY II**  
**OF COUNSEL**

\*ADMITTED TO PRACTICE IN  
RHODE ISLAND & MASSACHUSETTS

BOSTON OFFICE:  
171 MILK STREET  
SUITE 30  
BOSTON, MA 02109  
TEL. (617) 574-0054  
FAX (617) 451-1914

April 10, 2023

Ms. Luly Massaro, Clerk  
Rhode Island Public Utilities Commission  
89 Jefferson Boulevard  
Warwick, RI 02888

**Re: *Docket No. 22-47-WW- The Narragansett Bay Commission  
General Rate Filing***

Dear Ms. Massaro:

Enclosed please find an original and nine copies of the following:

1. The Narragansett Bay Commission's Response to the Rhode Island Division of Public Utilities and Carrier's Data Requests (Set Five).

Also, please note that an electronic copy of this document has been provided to the service list.

Thank you for your attention to this matter.

Sincerely,



Joseph A. Keough, Jr.

JAK/kf

cc: Docket 22-47-WW Service List (*via electronic mail*)

- DIV 5-1. Will the new nearly 4-million-square-foot Amazon.com distribution center in Johnston, Rhode Island that is scheduled to open in 2023 be a customer of NBC? If so, please provide the following information:
- a. The anticipated annual water consumption and treatment volume.
  - b. The anticipated demand on NBC’s system from the new customer.
  - c. The anticipated monthly and annual revenue to NBC from the new customer.
  - d. The costs NBC has incurred relative to serving the new customer.
  - e. The expected annual costs that NBC expects to occur associated with providing sewage treatment service to the new customer.
  - f. A copy of any agreement or special contract NBC has, or is expected to have, with the new customer.
  - g. How were the revenues and costs associated with serving this new large customer reflected in NBC’s proposed revenues and costs for the FY 2024 Rate Year? Explain fully and identify amounts.

Response:

- a. The anticipated water consumption and treatment volume is approximately 32,040 gallons per day (GPD) or 42.83 HCF. NBC calculates the wastewater flow in accordance with the Guidelines for Estimating Flow for Certain Uses. The new Amazon facility is classified as a Retail Distribution Center. The estimated flow for this type of building is 15 gallons per day per employee. Below is the calculation for the total gallons of flow per day for the new customer.

<b>Amazon Sewer Connection</b>	<b>Number of Employees</b>	<b>Wastewater Flow (gallons/person/day)</b>	<b>Total GPD</b>
2120 Hartford Avenue - Primary Guard Building	2	15	30
2120 Hartford Avenue - Secondary Guard Building	2	15	30
2120 Hartford Avenue - Northern Pump Building	2	15	30
2120 Hartford Avenue - South Pump Building	0	0	0
2120 Hartford Avenue - Main Building	2,130	15	31,950
2120 Hartford Avenue	0	0	0
<b>TOTAL</b>	<b>2,136</b>	<b>60</b>	<b>32,040</b>

- b. NBC then converts the gallons per day into a hundred cubic feet by dividing the gallons per

DOCKET NO. 22-47-WW  
 The Narragansett Bay Commission’s Response  
 To the Division of Public Utilities and Carriers  
 Data Requests  
 Set 5

day by 748.1. The anticipated demand for NBC’s system from the new customer is approximately 42.83 HCF of flow processed per day.

c. The anticipated monthly and annual revenue to NBC from this new customer is as follows:

<b>Amazon Warehouse, Johnston, RI</b>					
				Monthly	Annual
Consumption	GPD	HCF/Day	\$	7,496	\$ 89,949
Average Daily Flow	32,040	42.83			
Current Rate	5.754 /HCF				
Flat - 6" meter			\$	2,359	\$ 28,308
			\$	9,855	\$ 118,257

- d. NBC is not currently serving the new customer.
- e. NBC does not have information readily available for costs related to this specific customer. NBC is not currently serving this customer, and NBC does not typically track costs related to specific customers.
- f. NBC does not have a special contract with the new customer.
- g. The revenues and costs associated with serving this new customer are not reflected in NBC’s proposed revenues and costs for the FY 2024 Rate Year. The anticipated annual revenue from this customer reflects approximately 0.1% of NBC’s total user fee revenue.

Prepared by: Leah Foster

DOCKET NO. 22-47-WW  
The Narragansett Bay Commission’s Response  
To the Division of Public Utilities and Carriers  
Data Requests  
Set 5

DIV 5-2. Accounts 53630 and 53645. Refer to the response to DIV 3-17(g).

- a. Explain why the FY 2023 budget amount of \$1,076,922 is so much lower than the FY 2022 test year amount of \$1,544,828.
- b. Provide an itemization and explanation of the costs that are included in the FY 2023 budget amount of \$1,076,922.
- c. Was the FY 2023 budget amount of \$1,076,922 for these accounts approved by NBC’s board? If not, explain fully why not, and identify the amount of this account that was approved by the NBC board for the FY2023 budget.

Response:

- a. The Governmental Accounting Standard Board GASB 96 - Subscription-Based Information Technical Arrangement was issued in May 2020. The new GASB 96 is effective for the fiscal year ending 2023. As a result of the new GASB, NBC was required to implement a clear distinguishment between software maintenance expense (G/L 53646) and software subscription expense (G/L 53645).

Due to this GASB issue, NBC split account 53645 software subscription into two separate accounts 53645 software subscriptions and 53646 software maintenance (new account in FY 2023 Budget). Also, NBC made some additional minor reclassifications to and from 53630. Therefore, for comparison purposes the three accounts (53630, 53645, and 53646) need to be looked at in total. The chart below shows the comparison of the three accounts by year for actual and budget.

Account	Description	FY 20	FY 21	FY 22	FY 23	FY 24	Jan-23 Revised
		Audited	Audited	Test Year	Projected	Rate Year	FY 23 Budget
53630	MAINTENANCE CONTRACTS	\$ 1,290,609	\$ 1,433,464	\$ 655,157	\$ 720,673	\$ 792,740	\$ 699,825
53645	SOFTWARE SUBSCRIPTION - New account created in FY 2022	-	-	889,671	978,638	1,076,502	377,097
53646	SOFTWARE MAINTENANCE - New account created in FY 2023	-	-	-	-	-	846,288
	Total	<u>\$ 1,290,609</u>	<u>\$ 1,433,464</u>	<u>\$ 1,544,828</u>	<u>\$ 1,699,311</u>	<u>\$ 1,869,242</u>	<u>\$ 1,923,210</u>

- b. See attachment DIV 5-2B for the details of costs for Service Agreements, Maintenance Contracts Software Subscriptions. Also included are the details of costs for account 53646 Software Maintenance.
- c. Yes, NBC’s annual budget was presented to and approved by the Board.

Prepared by: Leah Foster

Account #	Vendor	FY 23	
		Budget	Description of Service
53630	ParkPlace	\$ 7,750	Printers & Server
53630	ParkPlace	19,925	Servers
53630	ParkPlace	14,550	Storage (3 Par)
53630	GovConnection	10,300	Fortinet
53630	Eplus (Cisco)	27,000	Cisco Maintenance (Multi-Year)
53630	Gruber Power Services	1,525	APC UPS Symmetra Lx
53630	Gruber Power Services	2,600	Schneider Electric Symmetra PX UPS
53630	Oracle (ODA Maintenance)	9,836	ODA Maintenance
53630	APA LLC/Ventstock	2,400	PM Contract for Phoenix System at WQSB - Sole Source
53630	Automatic Temperature Control Inc.	6,362	PM Liebert Units in IT - OEM
53630	Azure Water Services	900	Water treatment services
53630	EnergyOne	1,906	Boiler systems preventative maintenance
53630	Johnson Controls	19,659	PM of WQSB Mechanical Systems
53630	Map Cross Connections	577	Backflow valve inspections
53630	MarCor	2,749	Clean Room Testing and Certification of hoods
53630	Nanoclean --NEW	6,860	Monthly testing
53630	NEXGEN	7,671	HVAC systems PM
53630	ABB	75,607	Plant computer maintenance
53630	CDW-G	7,096	FP-Schneider Electric Critical Power & Cooling Svcs 'WADVULTRA-G3-22 & 23"
53630	Park Place Technologies (prev. Curvature)	696	Plant Computer Servers
53630	Gruber Power Services	1,502	UPS Maintenance
53630	Siemens SCADA PM	40,295	For PM Only (No Programming)
53630	Siemens Building Tech	12,444	Siemens HVAC 600 Alan Systems
53630	Computer Plus Sales and Service (prev.Curvature)	298	Plant Computer Servers - Dell workstation maintenance
53630	MapCross	960	Payment for bi-annual backflow valve inspections
53630	Overhead Door Co	4,700	PM on garage doors at IM, Omega PS & Wash Hwy PS
53630	APG Neuros	32,826	Blowers maintenance service plan
53630	ASNE	992	Generator Maintenance
53630	Atlas Copco	40,000	PM maintenance for blowers
53630	Azure (Previously Nalco)	1,700	Water Treatment Service
53630	Citiworks	2,670	Tri Annually (FP/ESPS)
53630	Hach IFAS Instrumentation	37,156	IFAS Analyzers, transmitters, meters, etc.
53630	Howden	29,327	Maintenance for 4 new blowers (3 Yr)
53630	Kraft Power	2,000	Kraft Generator Maintenance WP, Res Ave and WQSB
53630	Mapcross	1,360	Annual backflow valve inspections
53630	Mass Crane	12,830	Hoist Inspections
53630	Southworth Milton	27,092	Milton Cat Generator Maintenance at FP
53630	Frank Rounds Company	2,440	Admin building annual maintenance
53630	Kuenz Crane	12,700	TPS Crane
53630	Overhead doors	3,500	Overhead Doors Maintenance/Service (FP/ESPS)
53630	ASNE	995	Saylesville Generator
53630	APG Neuros	32,825	Blower Maintenance
53630	Atlas Copco - Multi year thru 6/30/2026	8,043	Compressor in GBT Bldg
53630	Azure (Previously Nalco)	3,000	Water treatment services
53630	Hach	15,500	Field Service Contract (sensors, probes, controller , etc.)
53630	Howden	19,900	Semi-Annual aeration and Blower system Inspection
53630	James Law	650	Calibration/Certification of flow meters
53630	Kraft Power	700	George Washington Hwy PS
53630	Mapcross	1,600	Backflow Prevention Testing
53630	Mass Crane	11,450	Hoists Inspections (BP Facility and remote PS)(Load Test)
53630	Milton Cat	5,372	BP and Omega Generators
53630	New England Environmental	2,400	Calibration/Certification of flow meters
53630	Northland Willette	4,800	Annual PM Service on Dry Weather UV Building
53630	Overhead Door	2,400	Maintenance of doors
53630	Eastern Industrial Automation	900	Vibration test
53630	Caley Whitmore (Fume Hoods)	2,200	PM Maintenance and Calibration 17 Fume Hoods
53630	Caley Whitmore (Calibrations)	5,180	PM Maintenance and Calibration 40 Instruments
53630	DESCO	9,600	(2) Autoclave Systems
53630	EMD Millipore/Wilkem	10,592	Millipore DI Purification Systems (3 to 16 systems)
53630	HACH (Lachat)	27,565	(3) Lachat Nutrient Analyzers (QV8500)
53630	Biotage ( formerly Horizon Technology)	4,778	Oil and Grease Extractor
53630	Miele	8,856	(6) Lab Glass wash systems
53630	Xylem (OI Analytical)	7,128	Total Organic Carbon (TOC) Analyzer
53630	Shimadzu (GC-MS)	11,785	PM of GC-MS Organics Analyzer
53630	Thermo Fisher (ICP-MS)	8,845	ICAP-Qc-ICP-MS
<b>Total 53630</b>		<b>\$ 699,825</b>	

Account #	Vendor	FY 23	
		Budget	Description of Service
53640	Cognizant Technology (KBACE)	\$ 2,500	OnDemand Support Services
53640	Avanceon LLP	30,000	Wonderware Software Service - as needed
53640	Optimation	9,000	Wonderware SCADA On-site Support - as needed
53640	R.E. Erickson	2,600	TPS Instrumentation/Controls, Emergency on-site Main/Srv
53640	Siemens	1,500	Extended support services not included in the Maintenance agreement
53640	Environmental Sampling Technology	25,000	Payment for flow meter maintenance
53640	SeaScape (formerly Tru Green)	1,400	Weed Control at various sites
53640	Inland Waters	11,000	Sewer Backup Services (resulting from NBC)
53640	CE Power Engineered Services, LLC (3C)	136,843	Asset Condition Assessment/FP Turbine Transformer Inspections
53640	Hach	2,000	IFAS Analyzers, Transmitters, Meters, etc.
53640	Howden	5,000	Remote service at blower building as needed
53640	NexGen-ATC	5,000	Tunnel Dehumidification Support
53640	Siemens	22,000	VFD Preventative Maintenance
53640	National Water Main	20,000	Jet/Inspect lines
53640	CE Power	111,546	Electrical Testing
<b>Total 53640</b>		<b>\$ 385,389</b>	
53645	Skillssoft Licensing	\$ 3,100	Subtotal Licensing Fee
53645	Skillssoft Learning Mgmt System	27,300	Learning Management System Licensing Fees
53645	JazzHR	3,000	Candidate recruiting software application
53645	Avepoint	14,250	Office 365 Backup
53645	Dell	140,100	Microsoft 365 Exchange and Office Annual Subscription
53645	Gov Connection	27,475	(Endpoint-Apex 1 & Trend Micro HES Bundle)
53645	GovConnection (Adobe)	20,800	Adobe Licensing
53645	GovConnection (Cyber Security Know B4)	8,850	Cyber Security Training and Prevention Services, Know B4
53645	Gov Connection	40,000	Software Licensing Updates
53645	SKM Power Tools	1,263	Maintenance Fee for License (Arc Flash Study)
53645	LastPass	500	Password Manager
53645	Insight Software	40,000	Financial Reporting Software Solution
53645	Zix	17,600	Encryption software
53645	Wonderware	15,000	Servers and Control Room
53645	Bahr Sales	700	Granite Software support to manage and view asset inspection data
53645	Telog	13,360	Annual software maintenance
53645	Sigma Plot	2,499	SDS sheet management system
<b>Total 53645</b>		<b>\$ 375,797</b>	
53646	Advance/N Harris	\$ 147,675	Licensing and AUS CIS Mobile
53646	Asure	21,250	ADI Time
53646	Avepoint	7,700	SharePoint Backup
53646	Bluebeam	3,825	Bluebeam software maintenance
53646	Cognizant	18,800	KBX HR/Payroll Support Data Management
53646	DLT Solutions	7,000	AutoDesk - Prepaid-3 Year contract 2020-23
53646	ESRI	31,500	ArcGIS Software
53646	GovConnection (Manage Engine)	20,725	Service/Help Desk
53646	Hach	13,400	LIMS Support
53646	Infor Public Sector	116,000	Hansen Maintenance
53646	Oracle (EPS)	134,850	Database & ERP Suite
53646	Oracle (Linux)	9,000	Oracle Linux Support
53646	Devart	1,250	Dbforge SQ1 & Studio
53646	Redgate	125	Redgate SQL Source Control (3 years)
53646	Thermo LabSystems, Inc.	41,500	User Licenses
53646	Vertex	6,850	Payroll Tax Table
53646	GOV Connection	50,000	VM WARE
53646	ePlus	52,275	Managed Services
53646	Emphasys Software	12,000	Debt Mangement Software
53646	A&F Engineering	40,000	On-site software programming services
53646	GOV Connection	3,276	Trend Micro Annual Support (BP/FP)
53646	Walker Industrial	523	Control room Software Support
53646	DLL Solutions/Engement Services	5,450	Qrtly Maintenance of PI System
53646	OSIsoft	40,566	SRP Maintenance of the PI System BP,FP
53646	Sonepar Distribution NE Inc.	2,940	TPS Pump RTU Unit tech support (3 Year)
53646	Wonderware	57,408	Q-Mation maintenance and support (FP/BP)
53646	Wonderware	8,800	Q-Mation Thin Manager Support (BP/FP)
<b>Total 53646</b>		<b>\$ 854,688</b>	

DOCKET NO. 22-47-WW  
The Narragansett Bay Commission’s Response  
To the Division of Public Utilities and Carriers  
Data Requests  
Set 5

DIV 5-3. Account 54540.

- a. Explain why the FY 2023 budget amount of \$330,557 is so much lower than the FY 2022 test year amount of \$458,017.
- b. Provide an itemization and explanation of the costs that are included in the FY 2023 budget amount of \$330,557.
- c. Was the FY 2023 budget amount of \$330,557 approved by NBC’s board? If not, explain fully why not, and identify the amount of this account that was approved by the NBC board for the FY2023 budget.

Response: This response refers to Account 54340 as provided in the response to DIV 3-17, not Account 54540.

- a. In the development of the FY 2023 budget, any expense related to lab chemicals and gases was moved from 54340 to a “new” account 54345 Lab Chemicals and Gases to distinguish lab supplies from lab chemicals and gases. In FY 2022 test year, the total expense for these two accounts (54340 and 54345) was included in account number 54340. The chart below shows the comparison of the two accounts by year for actual and budget.

Account	Description	FY 20 Audited	FY 21 Audited	FY 22 Test Year	FY 23 Projected	FY 24 Rate Year	Jan-23 Revised FY 23 Budget
54340	LAB, MEDICAL SUPPLIES	\$ 347,808	\$ 398,564	\$ 458,017	\$ 586,262	\$ 750,415	\$ 330,557
54345	LAB CHEMICALS AND GASES	-	-	-			229,724
	Total	<u>\$ 347,808</u>	<u>\$ 398,564</u>	<u>\$ 458,017</u>	<u>\$ 586,262</u>	<u>\$ 750,415</u>	<u>\$ 560,281</u>

- b. See attachment DIV 5-3.
- c. Yes, NBC’s annual budget was presented to and approved by the Board.

Prepared by: Leah Foster

<b>Fiscal Year</b>	<b>Account Number</b>	<b>Cost Center Name</b>	<b>FY 23 Budget</b>	<b>Description</b>
FY 2023	54340	Laboratory 53	\$ 217,557	General lab BOD dissolved oxygen probes, supplies for PFAS analyzer and testing
FY 2023	54340	Environmental Monitoring 55	79,000	Sampling supplies for plants, manholes, companies, bay and river sampling, DI filters and related parts, etc.
FY 2023	54340	Bucklin Point 47	7,000	Small instrumentation equipment for sampling in the plant
FY 2023	54340	Field's Point 46	5,000	Small instrumentation equipment for sampling in the plant
FY 2023	54340	Pretreatment 52	2,000	Pretreatment equipment such as 4-gas meters
FY 2023	54340	Technical Analysis & Compliance 51	1,000	Lab supplies for special studies, when needed
<b>TOTAL FY 2023 BUDGET</b>			<b><u>\$ 311,557</u></b>	



**CERTIFICATION**

I hereby certify that on April 10, 2023, I sent a copy of the within to all parties set forth on the attached Service List by electronic mail and copies to Luly Massaro, Commission Clerk, by electronic mail and regular mail.

<b>Parties/Address</b>	<b>E-mail Distribution</b>	<b>Phone</b>
<b>Narragansett Bay Commission</b> Joseph A. Keough, Jr., Esq. Keough & Sweeney 41 Mendon Ave. Pawtucket, RI 02861	<a href="mailto:jkeoughjr@keoughsweeney.com">jkeoughjr@keoughsweeney.com</a> ;	401-724-3600
Karen L. Giebink, Director of A&F Narragansett Bay Commission One Service Road Providence, RI 02905	<a href="mailto:Kgiebink@narrabay.com">Kgiebink@narrabay.com</a> ;	401-461-8848
	<a href="mailto:gdegnan@narrabay.com">gdegnan@narrabay.com</a> ;	
David Fox, Raftelis Financial Consultants	<a href="mailto:DFox@raftelis.com">DFox@raftelis.com</a> ;	
<b>Division of Public Utilities and Carriers</b> Mark Simpkins, Esq. Division of Public Utilities and Carriers 89 Jefferson Blvd. Warwick, RI 028888	<a href="mailto:Mark.A.Simpkins@dpuc.ri.gov">Mark.A.Simpkins@dpuc.ri.gov</a> ;	401-222-2424
	<a href="mailto:Margaret.L.Hogan@dpuc.ri.gov">Margaret.L.Hogan@dpuc.ri.gov</a> ;	
	<a href="mailto:John.bell@dpuc.ri.gov">John.bell@dpuc.ri.gov</a> ;	
	<a href="mailto:Joel.munoz@dpuc.ri.gov">Joel.munoz@dpuc.ri.gov</a> ;	
	<a href="mailto:Egolde@riag.ri.gov">Egolde@riag.ri.gov</a> ;	
	<a href="mailto:Christy.Hetherington@riag.ri.gov">Christy.Hetherington@riag.ri.gov</a> ;	
Ralph Smith Larkin & Associates, PLLC 15728 Farmington Road Livonia, Michigan 48154	<a href="mailto:rsmithla@aol.com">rsmithla@aol.com</a> ;	734-522-3420
	<a href="mailto:dawn.bisdorf@gmail.com">dawn.bisdorf@gmail.com</a> ;	
	<a href="mailto:msdady@gmail.com">msdady@gmail.com</a> ;	
	<a href="mailto:mcranston29@gmail.com">mcranston29@gmail.com</a> ;	
<b>Original and nine (9) copies w/:</b> Luly E. Massaro, Commission Clerk Public Utilities Commission 89 Jefferson Blvd. Warwick, RI 02888	<a href="mailto:Luly.massaro@puc.ri.gov">Luly.massaro@puc.ri.gov</a> ;	401-780-2107
	<a href="mailto:Alan.nault@puc.ri.gov">Alan.nault@puc.ri.gov</a> ;	
	<a href="mailto:John.Harrington@puc.ri.gov">John.Harrington@puc.ri.gov</a> ;	
	<a href="mailto:Todd.bianco@puc.ri.gov">Todd.bianco@puc.ri.gov</a> ;	
	<a href="mailto:Christopher.Caramello@puc.ri.gov">Christopher.Caramello@puc.ri.gov</a> ;	

DOCKET NO. 22-47-WW  
The Narragansett Bay Commission's Response  
To the Division of Public Utilities and Carriers  
Data Requests  
Set 5



---

Joseph A. Keough, Jr., Esquire # 4925  
KEOUGH & SWEENEY, LTD.  
41 Mendon Avenue  
Pawtucket, RI 02861  
(401) 724-3600 (phone)  
(401) 724-9909 (fax)  
[jkeoughjr@keoughsweeney.com](mailto:jkeoughjr@keoughsweeney.com)