

Auburn City Council Meeting, September 7, 2023

**Auburn City Council
Regular Meeting
Thursday, September 7, 2023 5:00 P.M.
City Council Chambers
Memorial City Hall
24 South St.
Auburn, NY 13021**

Minutes

The meeting of the Auburn City Council was called to order at 5:00 p.m. from the City Council Chambers, 24 South St. Auburn, NY by Mayor Quill.

ROLL CALL – The City Clerk called the roll. Mayor Quill and Councilor Ginny Kent, Councilor Jimmy Giannettino, Councilor Terry Cuddy and Councilor Tim Locastro were present.

The following City Staff was present for the meeting:

- City Manager, Jeff Dygert
- Deputy City Clerk, Coleen LaMay
- Corporation Counsel, Nate Garland
- Police Chief, Jim Slayton
- Director of Municipal Utilities, Seth Jensen
- Water Filtration Plant Chief Operator, John West

Pledge of Allegiance to the Flag – Mayor Quill led the Pledge of Allegiance.

Moment of Silent Prayer or Reflection – Mayor Quill asked for a moment of silent prayer.

Public Announcements – summer event calendar events were read.

Ceremonial Presentations – none

Public to be heard: The City Clerk read the rules for Public To Be Heard and the following individuals spoke:

Arlene Ryan, 26 Orchard Street, representing Orchard Street Neighborhood Association, full copy of comments were submitted and are attached.

Approval of Meeting Minutes –

August 24, 2023 Council Meeting Minutes

Motion to approve the August 24, 2023 minutes by Councilor Kent, seconded by Councilor Giannettino. Motion to approve carried 5-0.

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Reports of City Officials

City Manager's Report –

- The City of Auburn would like to remind the public that the downtown parking program, including on-street, parking lot, and parking garage programs will be changing October 1st. The Downtown BID is helping us spread the word to downtown businesses and our parking enforcement officers will also be distributing educational materials. Staff will make present City Council with an update at the Sept. 28 Council meeting.
- City staff will also be providing Council with a brief history and update on our Code Enforcement program, Nuisance Abatement Committee, and neighborhood initiatives at the Sept. 28 Council meeting.
- Last week city staff participated in the monthly meeting hosted by Cayuga County to address upcoming challenges and opportunities related to Micron and general business and residential development.
- Discussion of room occupancy tax.

Reports from members of Council – none

Matters to Come Before Council

A. State Environmental Quality Review Act Resolutions (SEQR) – none

B. Ordinances – none

C. Local Laws – none

D. Resolutions – none

E. Staff or Vendor Presentations –

- Microcystin Treatment Study Results Update - Seth Jensen, Municipal Utilities Director and John West, Water Filtration Plant Chief Operator, with GHD Consulting Services Inc, represented by Stephen Waldvogel, PE –Project Director. Dan Hamlin, PE –Project Engineer was not able to attend. (see attached presentation slides). Members of Council thanked the presenters and discussed the presentation. Members of Council discussed that it will be important to move ahead with the additional raw water testing plan that was presented. Councilor Giannettino asked the City Council to consider again asking the Governor and State officials to implement a Total Maximum Daily Load (TMDL) comprehensive clean-up plan as the State is required by federal law to do implement such a plan, he said the 2023 request should be expanded to include the funding for full implementation of a TMDL. He also suggested the resolution include asking for the State of New York to pay for the additional testing as it was presented by GHD. The Mayor asked staff to prepare a resolution for the next City Council meeting as requested.

TABLED ITEMS – none

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Second Public to be Heard:

Dr. Phillip Gioia, 330 N. Seward Avenue discussed matters pertaining to Owasco Lake.

Tim Lattimore, 63 South Street discussed matters pertaining to Owasco Lake.

Joe Lattimore, resident of the Town of Owasco discussed matters pertaining to Owasco Lake.

OTHER BUSINESS –

Executive Session: Councilor Giannettino made a motion to enter Executive Session, seconded by Councilor Kent. Council voted to enter an executive session regarding the following matters:

- One matter made confidential under attorney client privilege due to potential litigation.
- Two matters pertaining to the sale or lease of real property.

The motion to enter executive session carried 5-0. The Council entered Executive Session at 6:06 p.m.

Executive session adjourned at 7:30 p.m.

ADJOURNMENT: By unanimous vote the Council adjourned the meeting. The meeting was adjourned at 7:31 p.m..

Minutes submitted by: Coleen LaMay, Deputy City Clerk

**ORCHARD STREET AREA ASSOCIATION
REPORT TO AUBURN CITY COUNCIL
Thursday, September 7, 2023**

I am Arlene P. Ryan 36 Orchard Street

I represent the Orchard Street Area Association that I started in August of 1995. Thanks for the opportunity to be here to update you on the status of our neighborhood and the success of the August 19th picnic held at Benton Street Playground that brought together our city related departments and neighbors. We had several donations from different businesses and city and county representatives as well. Our values and virtues were seen in the conversations I heard and the good weather combined to make a group of HAPPY PEOPLE. The Orchard Street neighborhood once represented a few ethnic backgrounds and now we have more diversity while still holding on to our common denominator of sharing values and virtues with a goal of recapturing the times of caring for each other and showing kindness and respect.

It is the hope of everyone that our community will show leadership in carrying this idea to fruition in a timely manner. I'm 85 years old and can't wait forever! However, I can share with you a couple of things. One is: on all of our currency we can find the words: "IN GOD WE TRUST" Let's show how trusting we are! And also, one of my own favorite sayings is: "JUSTICE IS LIKE A SUPPOSITORY, IT WINS IN THE END!"

Thank you!



→ Stephen Waldvogel, PE
Technical Director

City of Auburn Powdered Activated Carbon (PAC) Study Phase 1 - Summary of Results

Welcome

Background & Introduction

GHD Consulting Services Inc,

- Stephen Waldvogel, PE – Project Director
- Dan Hamlin, PE – Project Engineer

Harmful Algal Blooms and Microcystin Concentrations

- 2016 – first observed Microcystin in finished water – below HAL
- 2017 – Implemented PAC system during HAB season
- No recorded Microcystin detections in the finished water since PAC use
- Some escalation in Microcystin concentrations in raw water
- City is proactively evaluating the PAC system
 - a. Confirm the type of PAC in use
 - b. Identify upper limit of microcystin treatment for existing system



Scope / Methodology

1. Evaluated 5 Different PAC Products from 3 different manufacturers

A. Norit

1. Hydrodarco DXE (City's current PAC product)
2. Hydrodarco B
3. PAC 20BF

B. Calgon

1. WPH 1000

C. Reco

1. VPAC

2. Two Concentrations of synthetic Microcystin-LR

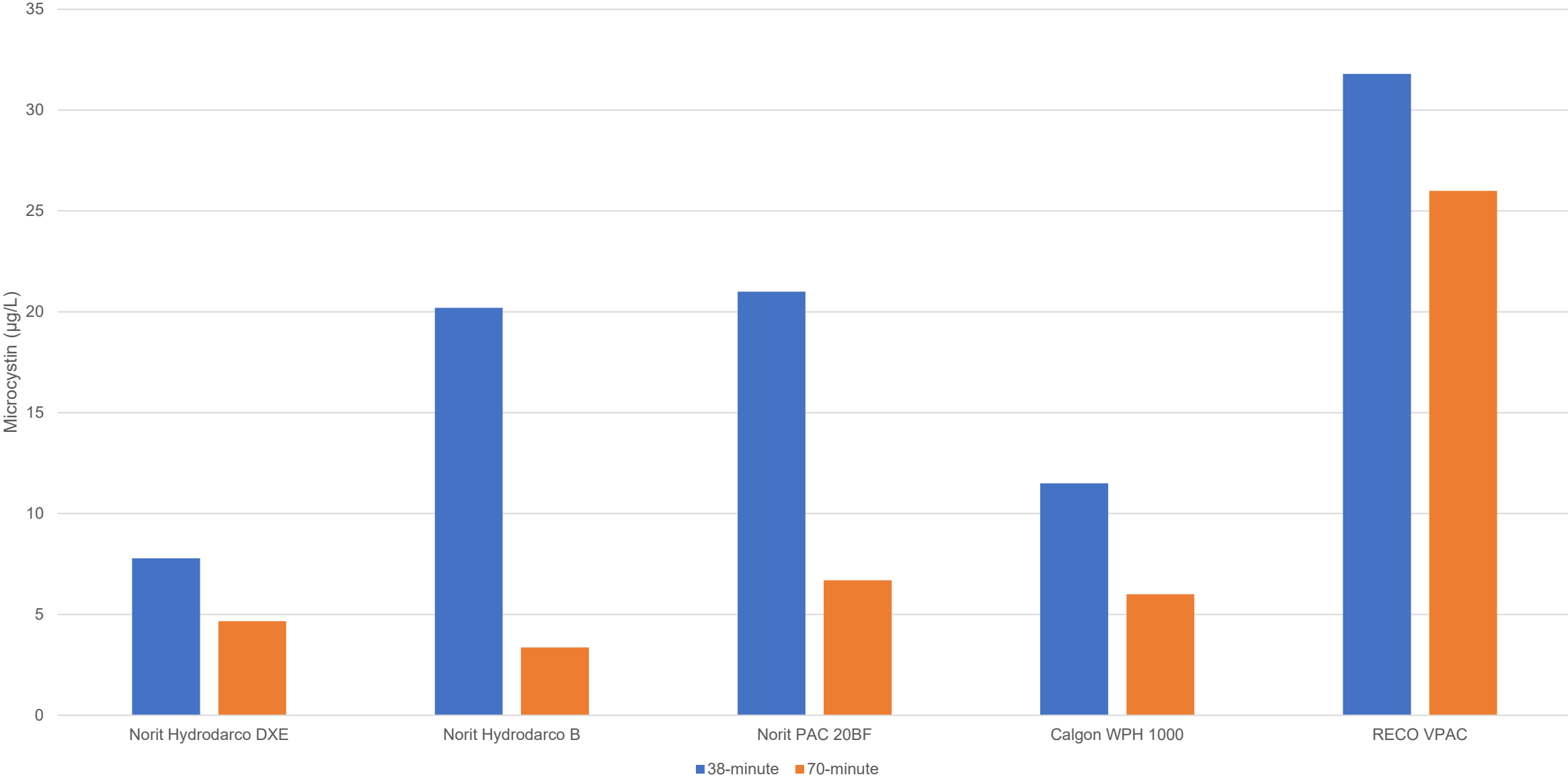
- A. 35 µg/L
- B. 100 µg/L

3. Two Contact Times

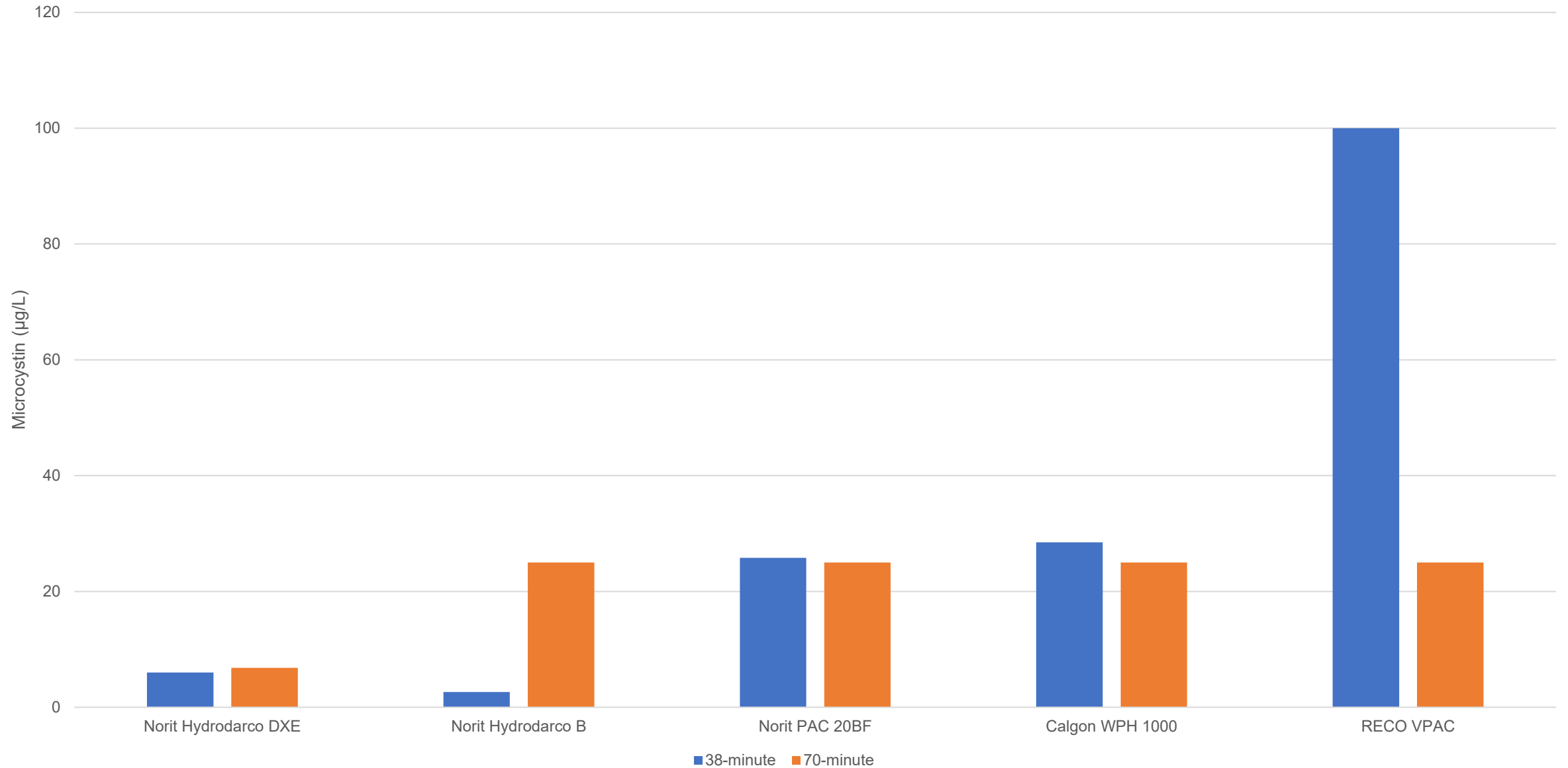
1. 38 minutes – peak flow
2. 70 minutes – avg day flow



Effluent Microcystin (Initial Concentration 35 µg/L)



Effluent Microcystin (Initial Concentration 100 µg/L)



Summary - % Microcystin Removal



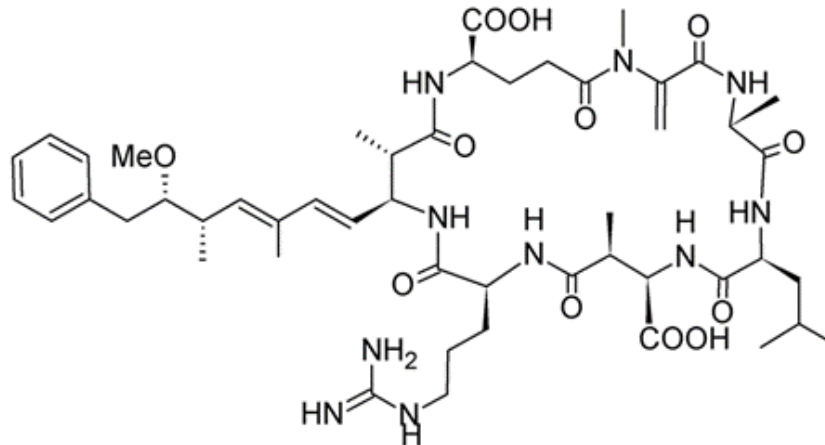
Sample	Hydrodarco DXE (M-2491)	Hydrodarco B (P-1001)	Norit PAC 20BF (P-1017)	Calgon WPH 1000	RECO VPAC
35 µg/L 38-min CT % Removal	78%	42%	40%	67%	9%
35 µg/L 70-min CT % Removal	87%	90%	81%	83%	26%
100 µg/L 38-min CT % Removal	94%	97%	74%	72%	0%
100 µg/L 70-min CT % Removal	93%	75%	75%	75%	75%

Conclusions and Limitations

1. Hydroarco DXE best overall performing PAC product in Phase 1
2. Did not effectively identify upper limit of existing system

Limitations and Considerations

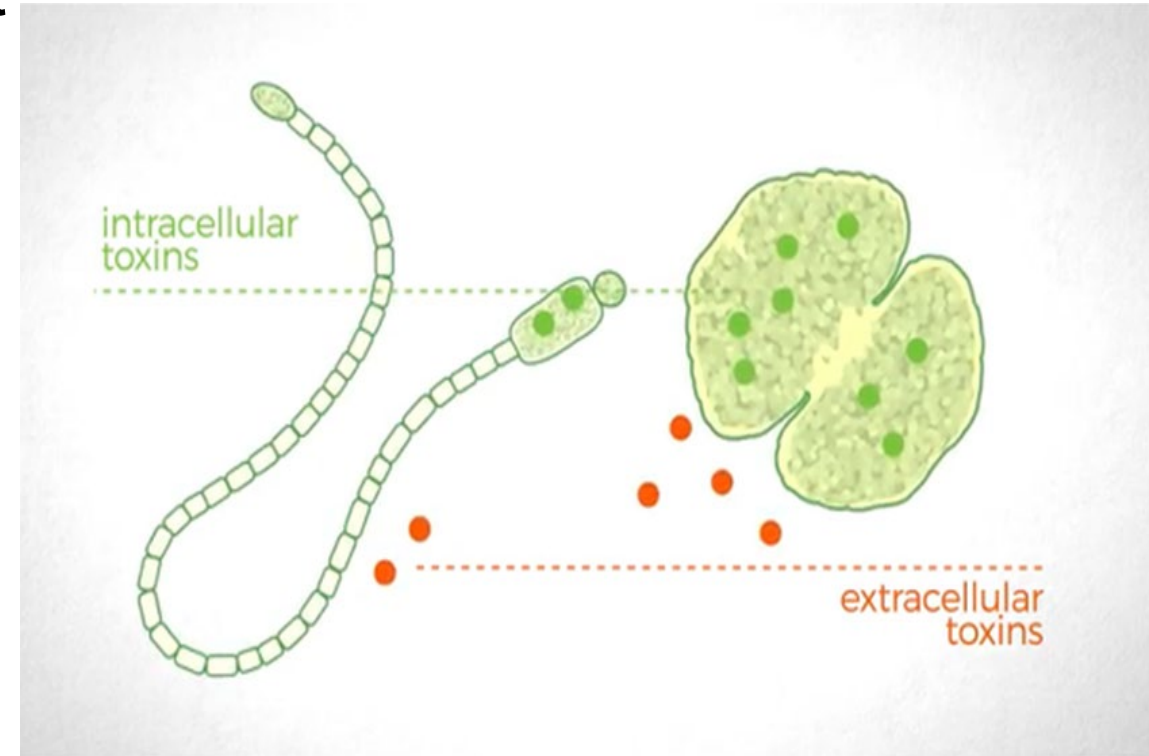
1. Analytical standard for microcystin-LR has limitations
 - There are over 300 different congeners for microcystin but analytical standard only includes the one congener



Conclusions and Limitations

Limitations and Considerations (continued)

2. **Phase 1 examined only soluble microcystin, not representative of water supply**
 - Microcystin is released when a cyanobacterial cell is lysed. Live cells are generally removed through filtration while soluble microcystin is removed by PAC
 - The City's current testing (Elisa method) only determines Total Microcystin. This does not accurately characterize what the PAC system is actually treating for.
3. **Consider a second phase of sampling to overcome these limitations, improve operational guidance and identify PAC system's upper limit**



Potential Next Steps/Options

1. Do Nothing

2. Conduct second round of jar testing - with raw water from Owasco Lake (up to 40 samples)

- Capture naturally occurring microcystin from an HAB bloom
- Determine the intra and extra-cellular microcystin ratio concentrations
- Evaluate only Hydrodarco DXE
- Develop a representative dosing curve that operators can use
- Identify upper limits of current system

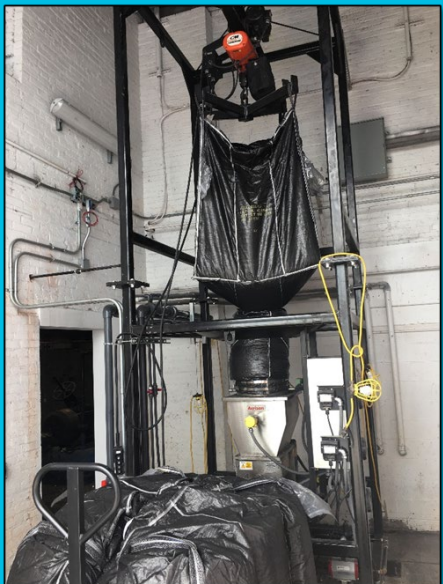
Sampling Parameters

- Examine microcystin at 5, 10, 15, 20, 25, 50, 75 and 100 µg/L
- Examine PAC dosing at 10,15, 20, 25, 30, and 50 lbs/hr
- Examine contact time based on typical flow of 4.5mgd





* Thank You



Effluent DOC (Initial 3.6 mg/L)

