

MATANUSKA-SUSITNA BOROUGH WATER & WASTEWATER ADVISORY BOARD

Bob Walden, Chair
Terry Gorlick
Dan Tucker

Danny Noland, Vice Chair
Gina Jorgensen

Amanda Fleming
Matthew Midgett

AGENDA

REGULAR MEETING

December 11, 2024

MSB Assembly Chambers
350 E. Dahlia Ave
Palmer, AK 99645

2:30 p.m.

-
- I. CALL TO ORDER
 - II. ROLL CALL AND DETERMINATION OF A QUORUM
 - III. APPROVAL OF AGENDA
 - IV. PLEDGE OF ALLEGIANCE
 - V. APPROVAL OF MINUTES OF PRECEDING MEETING
 - A. June 12, 2024 (regular meeting)
 - VI. AGENCY AND STAFF REPORTS
 - VII. PRESENTATION
 - A. Presenter: Robert L Walden
Topic: Palmer/Wasilla Water Connection Study
 - VIII. AUDIENCE PARTICIPATION (*Three minutes per person*)
 - IX. UNFINISHED BUSINESS
 - A. Update on water quality monitoring
 - B. Update on COP new booster station construction
 - C. Update on Talkeetna Sewer and Water additional improvements
 - D. Update on COW expansion of their WWTP facilities
 - X. NEW BUSINESS
 - XI. COMMENTS FROM THE BOARD
 - XII. NEXT MEETING
 - A. March 19, 2025, 2:30 p.m., MSB Assembly Chambers
 - XIII. ADJOURNMENT

MATANUSKA-SUSITNA BOROUGH WATER & WASTEWATER ADVISORY BOARD

Bob Walden, Chair
Terry Gorlick
Dan Tucker

Danny Noland, Vice Chair
Gina Jorgensen

Amanda Fleming
Matthew Midgett

MINUTES

REGULAR MEETING

June 12, 2024

MSB Assembly Chambers
350 E. Dahlia Ave
Palmer, AK 99645

2:30 p.m.

I. CALL TO ORDER

This regular meeting of the Matanuska-Susitna Borough (MSB) Water and Wastewater Advisory Board was held on Wednesday, June 12, 2024 at the DSJ Building at 350 East Dahlia Avenue in Palmer, Alaska. The meeting was called to order at 2: 32 p.m. by Mr. Bob Walden, P.E.

II. ROLL CALL AND DETERMINATION OF A QUORUM

Water and Wastewater Advisory Board members present and establishing a quorum were:

Mr. Bob Walden - present

Mr. Danny Noland – not present

Ms. Amanda Fleming - present

Mr. Terry Gorlick - present

Ms. Gina Jorgensen - present

Mr. Matthew Midgett - present

Mr. Dan Tucker - present

III. APPROVAL OF AGENDA

Motion to adopt the agenda as presented, by Mr. Tucker. No vote was taken for this motion.

Motion to amend the agenda by adding “Water Quality Monitoring” as an item under “New Business”, by Mr. Gorlick. No objections; the agenda was approved as amended.

IV. PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was led by Mr. Walden.

VI. APPROVAL OF MINUTES OF PRECEDING MEETING

A. March 6, 2024 (regular meeting)

Motion to approve the minutes as presented, by Mr. Tucker. No objections; minutes approved as presented.

VII. AGENCY AND STAFF REPORTS

A. City of Wasilla – Mr. Bob Walden, P.E., Public Works Deputy Director

The City of Wasilla will be using Stantec to design the expansion of their facility.

B. Matanuska-Susitna Borough – Ms. Amanda Fleming

Ms. Fleming reported that Talkeetna Sewer and Water started discharging wastewater in early May. A full cleaning of the sewer system has just been completed; it was the first one since the system was installed in 1988. Some additional work is being advertised regarding additional improvements to the system.

C. City of Palmer – Mr. Matthew Midgett

The City of Palmer has been running as normal. They just broke ground on the new booster station; it should be done in August.

VIII. PRESENTATION

A. Mr. Matthew Midgett provided a presentation, “Update on City of Palmer’s New Facilities”. Please see attached presentation slides for additional information.

IX. AUDIENCE PARTICIPATION (*Three minutes per person*)

None.

X. UNFINISHED BUSINESS

A. Update on Board’s Title Change

The Assembly passed Ordinance 24-045 on May 21, 2024 with no amendments, changing the Board’s title to Water and Wastewater Advisory Board. No other changes were made to the portion of Borough Code that governs the Board.

XI. NEW BUSINESS

A. Water Quality Monitoring

The Board would like to compile and review lake data, perhaps with the involvement of Borough staff and State agencies. This could allow the Board to establish a baseline and advise the Assembly on any recommendations. There was some discussion on confirming authority and funding for work of this nature. These items need to be clarified before expenditures and/or action can be taken.

Motion to create a water and wastewater quality monitoring committee to pursue obtaining baseline data on water quality around lakes in the Mat-Su Borough, by Mr. Gorlick. No objections; the Board approves creation of a water and wastewater quality monitoring committee.

Mr. Gorlick will do some initial groundwork regarding this effort and give the Board a report at the next meeting.

XII. INFORMATIONAL HANDOUTS AND COMMUNICATIONS

- A. Presentation Slides: City of Palmer -- A Quick Overview of Water and Wastewater
- B. Handout provided by Mr. Gorlick: Preliminary Water Table Map and Water Quality Data for part of the Matanuska-Susitna Valley, 2005.

XIII. COMMENTS FROM THE BOARD

Mr. Bob Walden: Reminder for the MSB Training on Parliamentary Procedure and Open Meetings Act on 06/13/24.

Mr. Danny Noland: Not present

Ms. Amanda Fleming: No comment

Mr. Terry Gorlick: No comment

Ms. Gina Jorgensen: No comment

Mr. Matthew Midgett: No comment

Mr. Dan Tucker: Mr. Gorlick's proposal seems to be a good step for the Board.

XIV. NEXT MEETING

Wednesday, September 11, 2024, 2:30 p.m., MSB Assembly Chambers

XV. ADJOURNMENT

Motion to adjourn by Mr. Tucker. No objections; the meeting adjourned at 3:13 p.m.

Mr. Robert Walden, Chair

ATTESTED:

Elaine M. Flagg, Board Administrative Support

City of Palmer

A quick overview of water and wastewater

Water by the numbers

2450+ service connections
approximately 900,000 gpd

453 hydrants

4 reservoirs totaling 2.5 million
gallons

3 wells capable of producing
over 3000 gpm

2 booster stations

Wastewater by the numbers



2200 service
connections

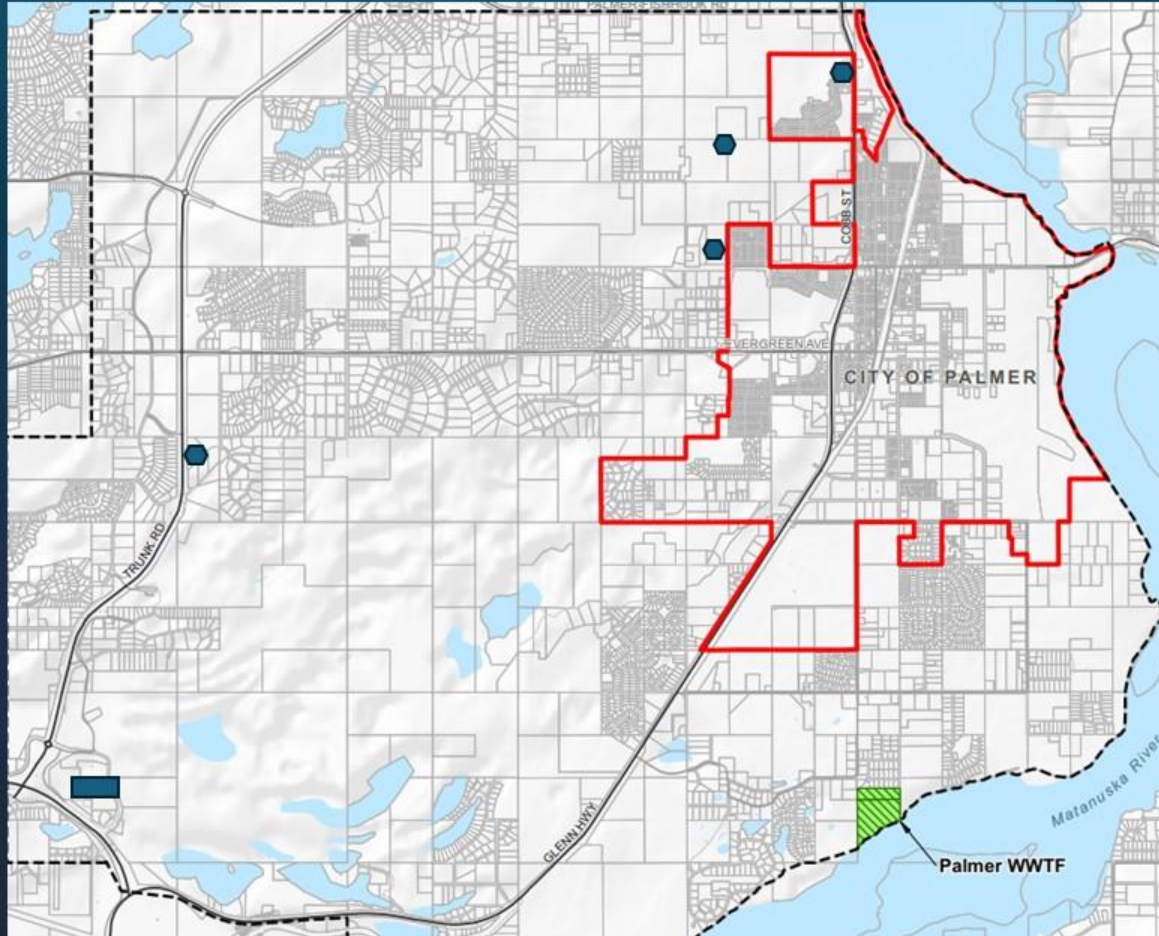


6 lift stations



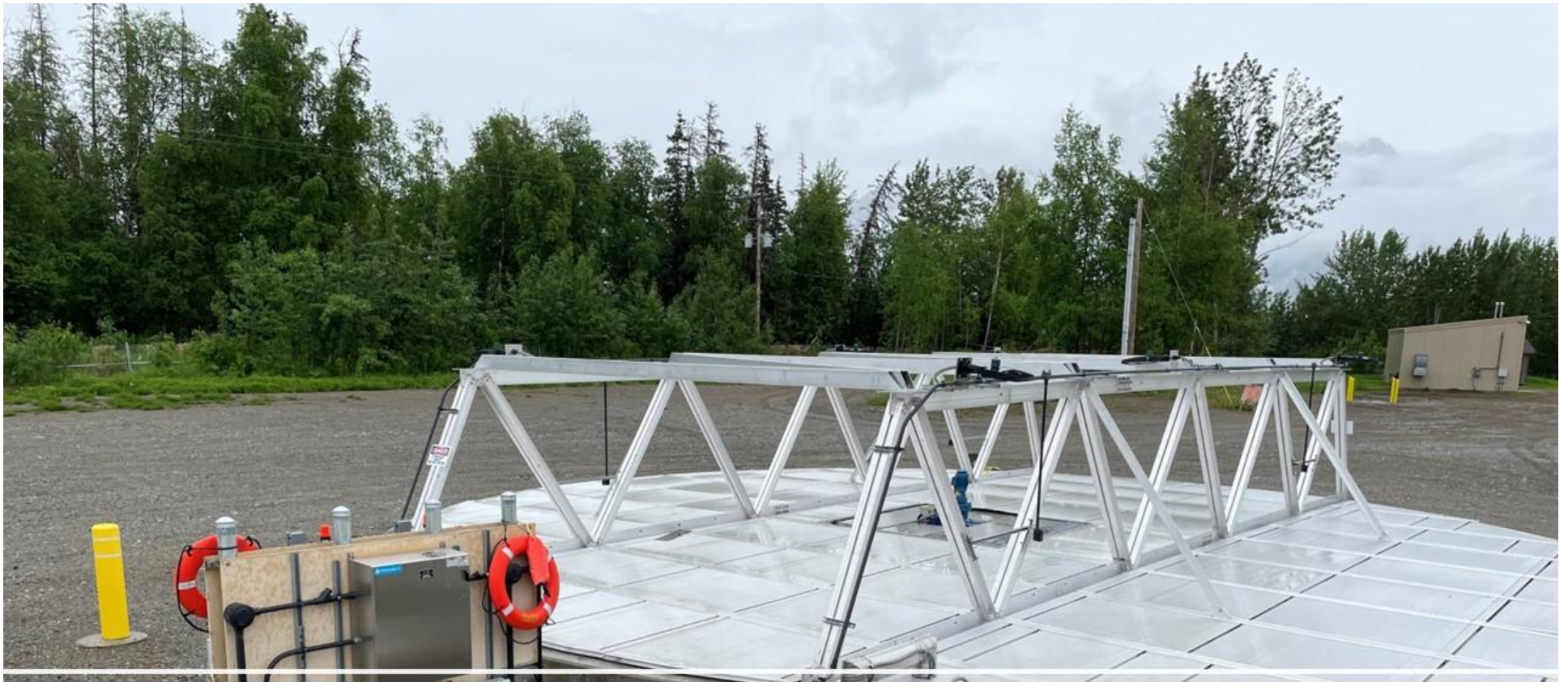
550,000 gallons per
day treatment average







MBBR- Moving Bed Biological Reactor (2018)



Clarifiers (2022)

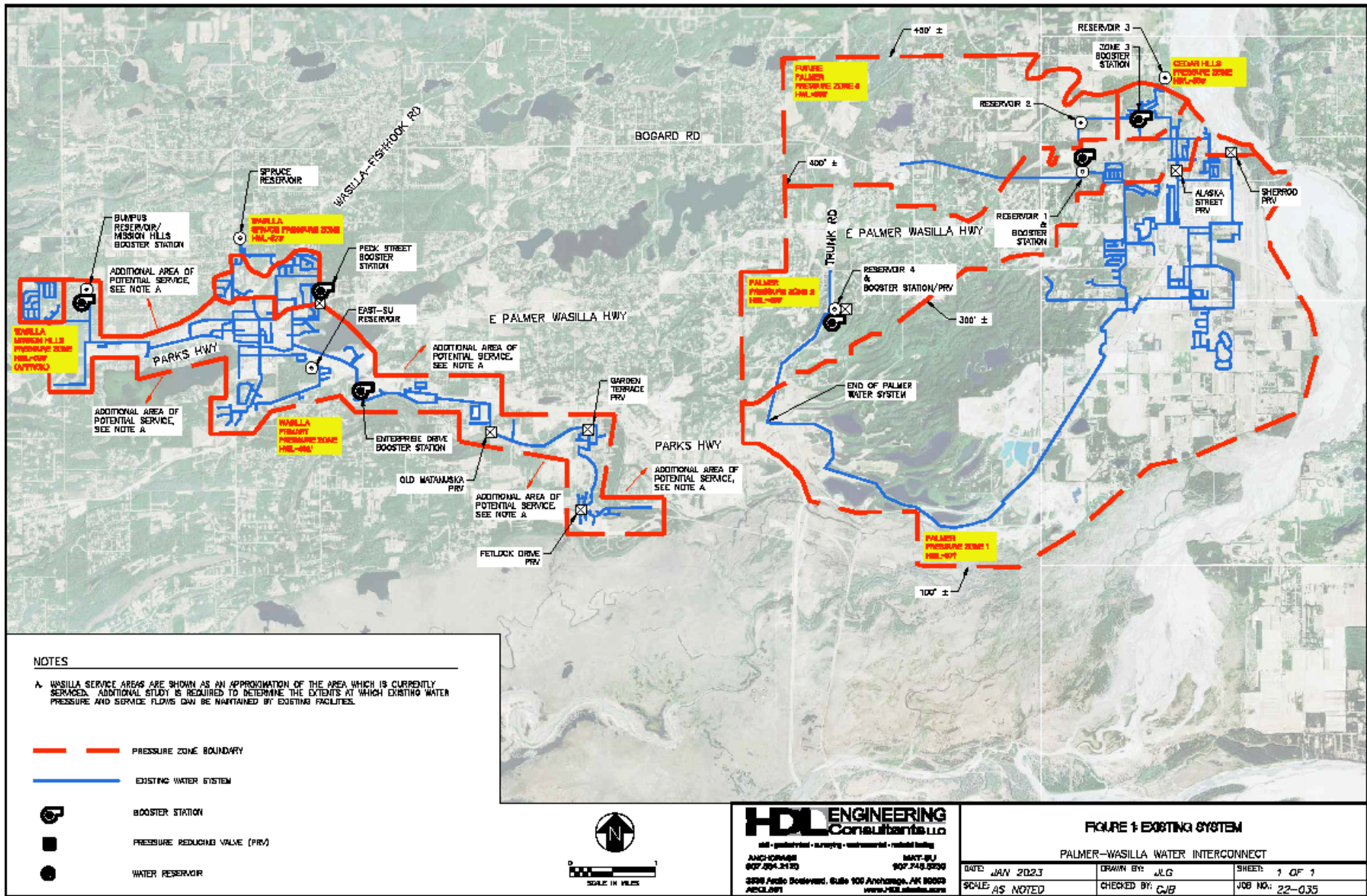
Presentation for December 11, 2024 Meeting

Palmer-Wasilla Water System Interconnect

Palmer-Wasilla Water System Interconnect

Initiated in January-February 2023 by MSB

- Grant funds through the MSB from the American Rescue Plan past Assembly 3-7-23. \$1,924,468 design & construction \$2,142,045.
- City of Wasilla accepted and appropriated the monies and a RFP was issued in July and reviewed in August and awarded to HDL/Tutka LLC through council early September to continue the design connection & construct the Old Matanuska Road Booster Station.
- Meetings and evaluations in October and November has led us toward instead of the booster station leaning towards another water tower construction that would benefit the lower connection option.
- Continuing to model through the winter.
- Design/build water tower 2025 summer.



COW and COP services

- CITY OF WASILLA

Water connection 1,750; 600,000 GPD

Wells 6ea for total production 2,200GPM

4 Reservoirs totaling 4 million gallons

487 Hydrants

2 booster stations

With 3 other wells needing treatment could bring online an additional 1,000GPM.

- CITY OF PALMER

Water connections 2,450; 900,000 GPD

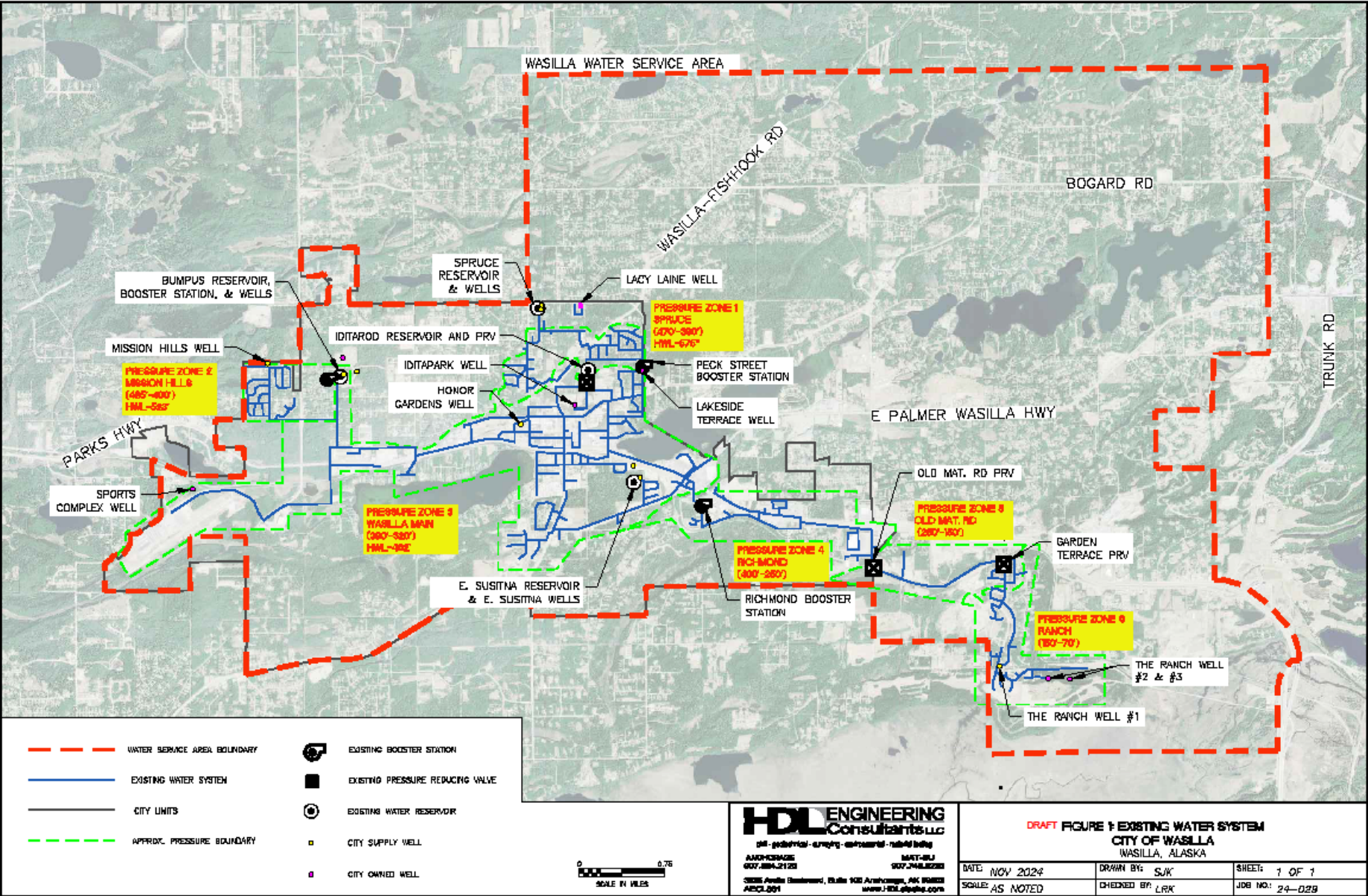
Wells 3ea total production of over 3,000GPM

4 Reservoirs totaling 2.5 million gallons

453 Hydrants

2 booster stations

COW Existing system w/ concept water service



Existing system in node diagram with Elevation

