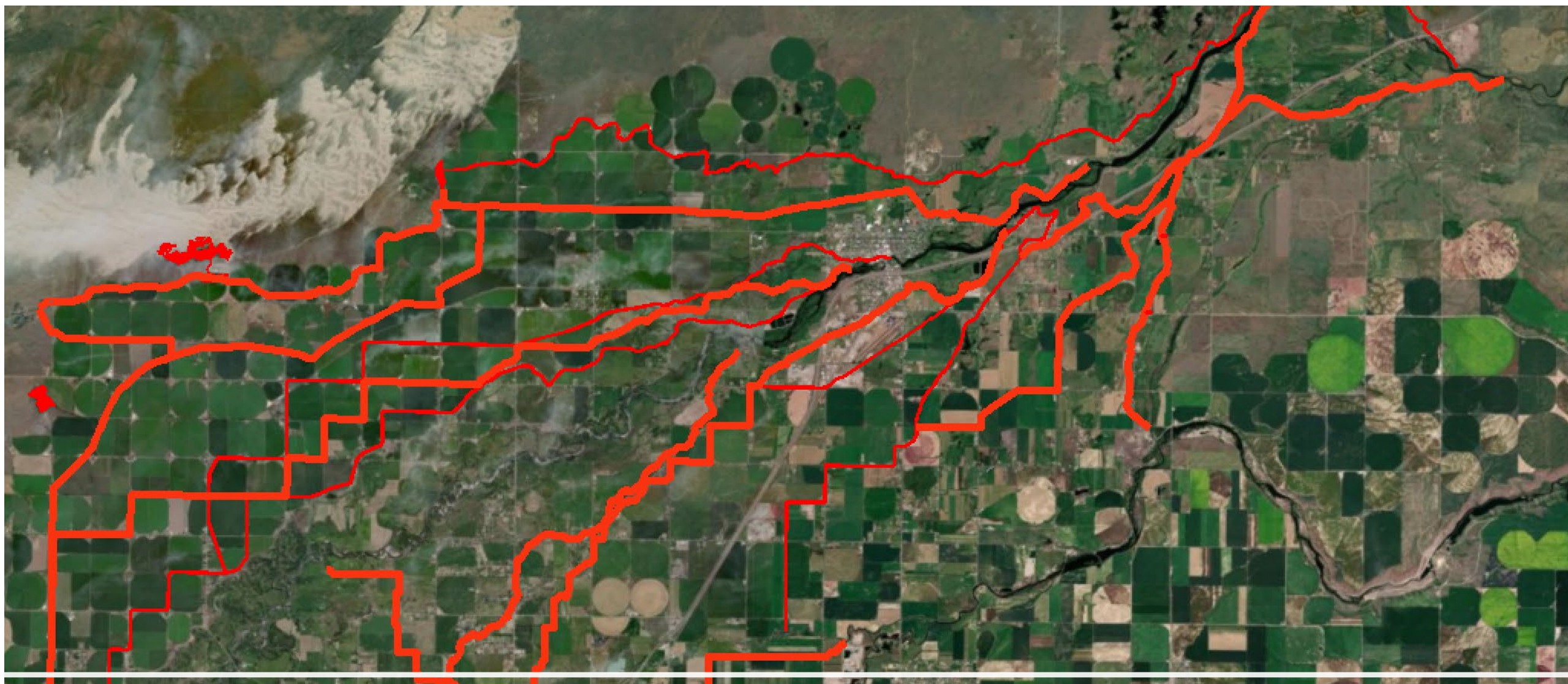


# Aaron Dalling

## Fremont-Madison Irrigation District

### Stakeholder Perspectives on Aquifer Recharge

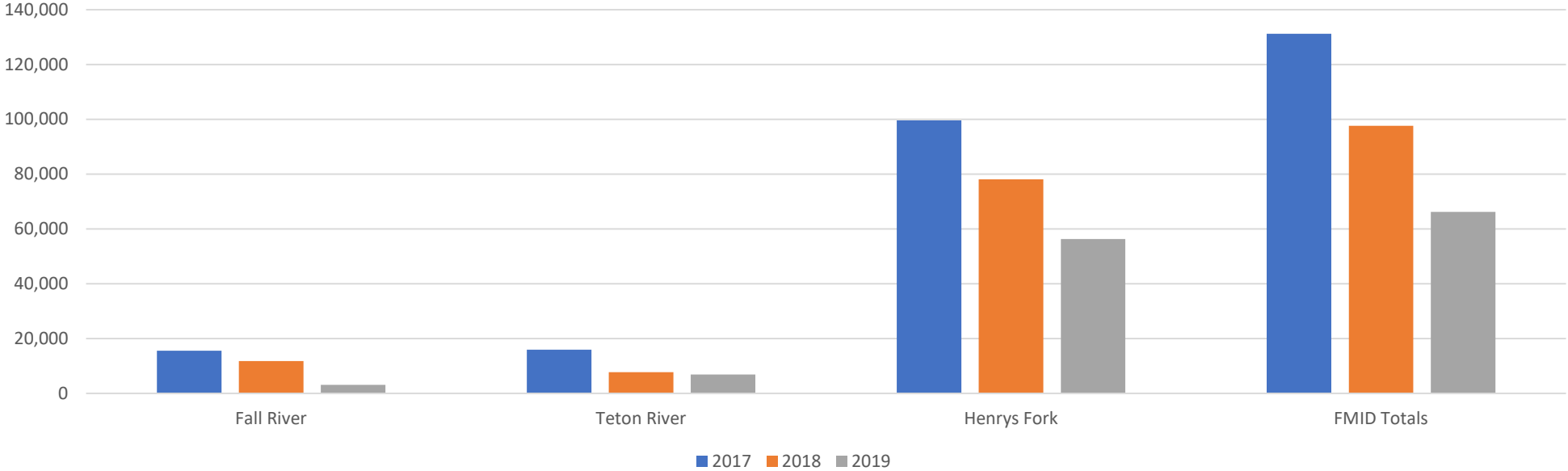




Fremont-Madison Aquifer Recharge



FMID Recharge by River (Acre Feet)



FMID Recharge by River 2017 to 2019

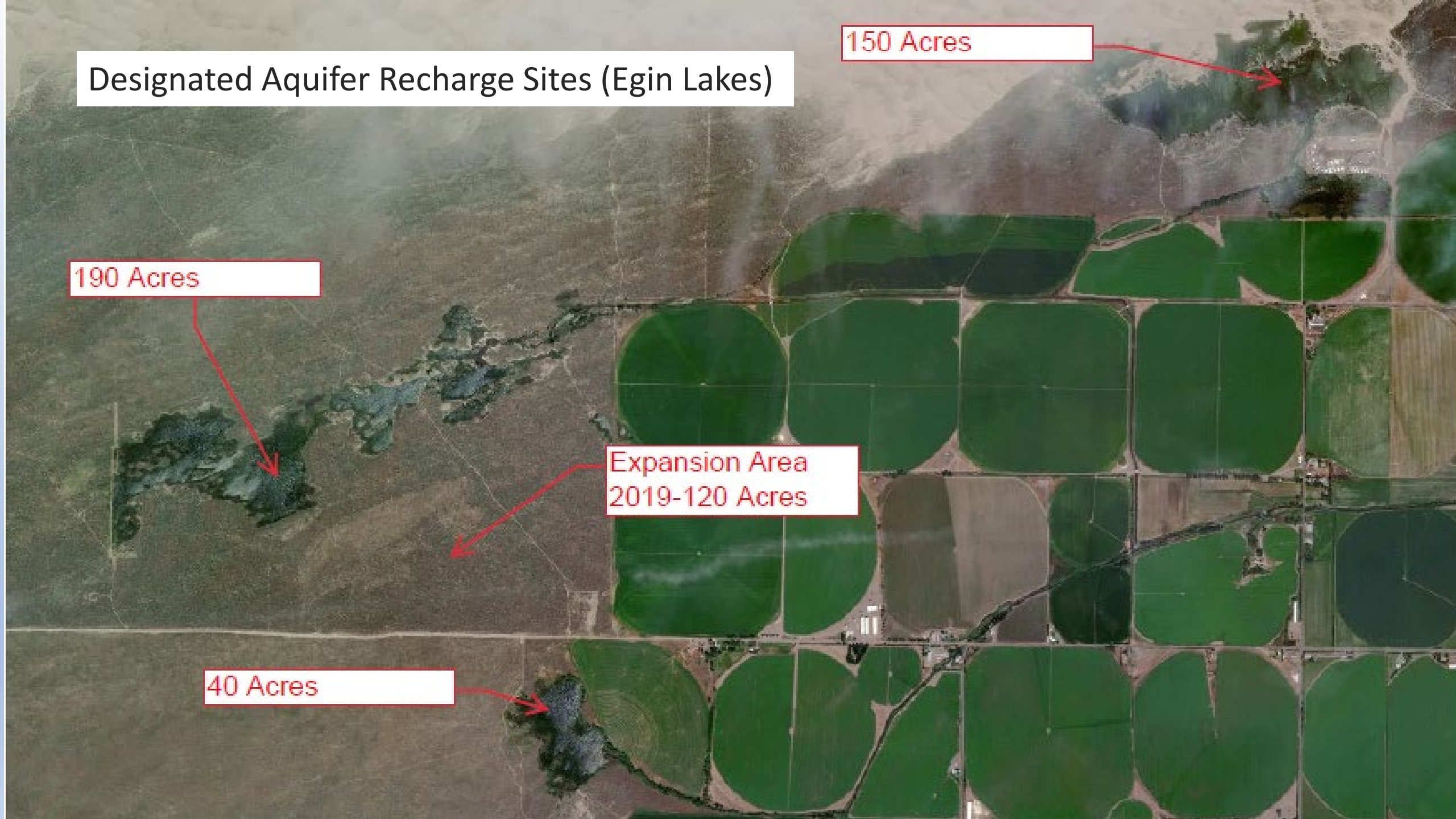
Designated Aquifer Recharge Sites (Egin Lakes)

150 Acres

190 Acres

Expansion Area  
2019-120 Acres

40 Acres



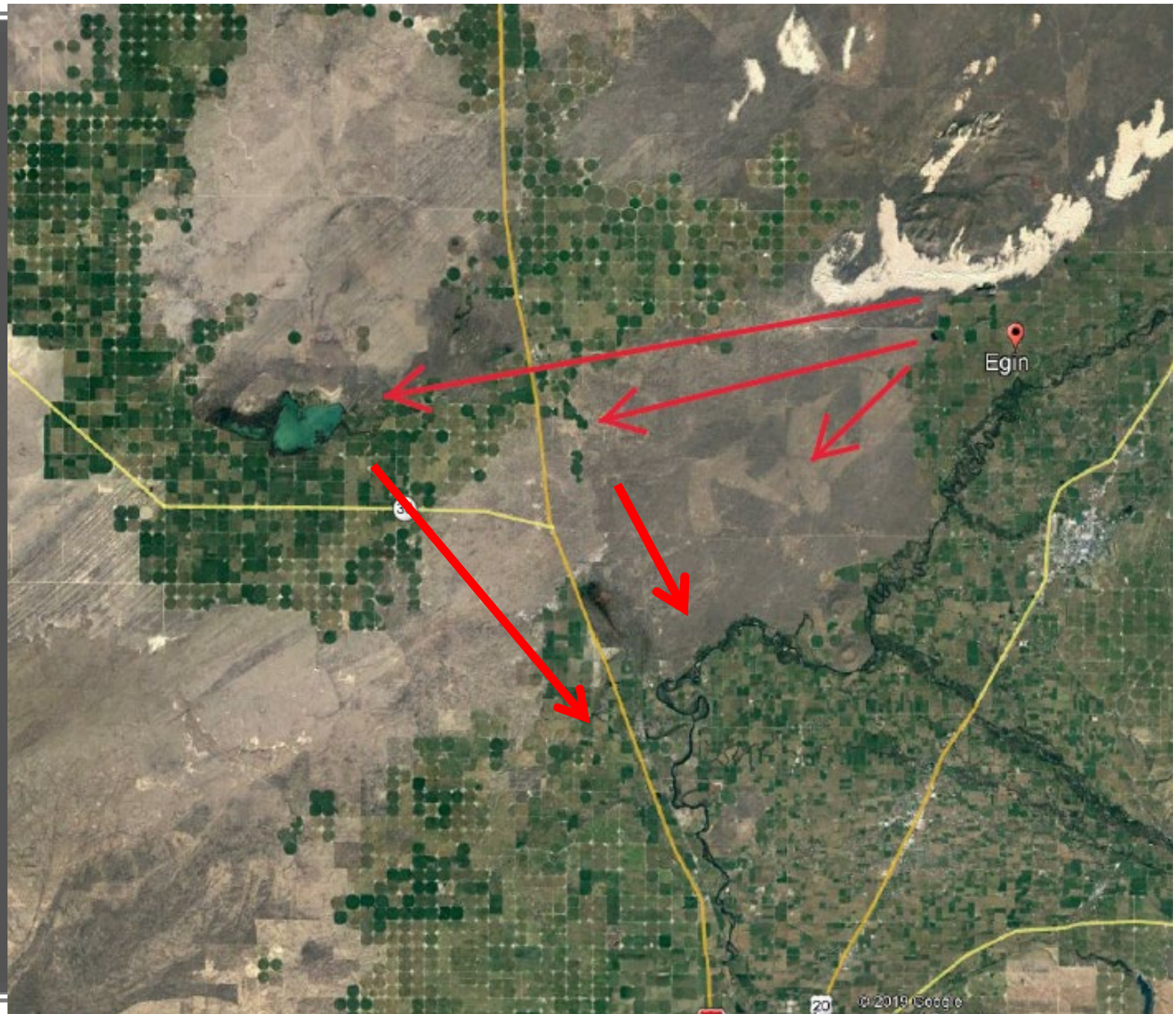


Egin Lakes Recharge Area Expansion (Phase II)



# Retention

---





In-Canal Aquifer Recharge





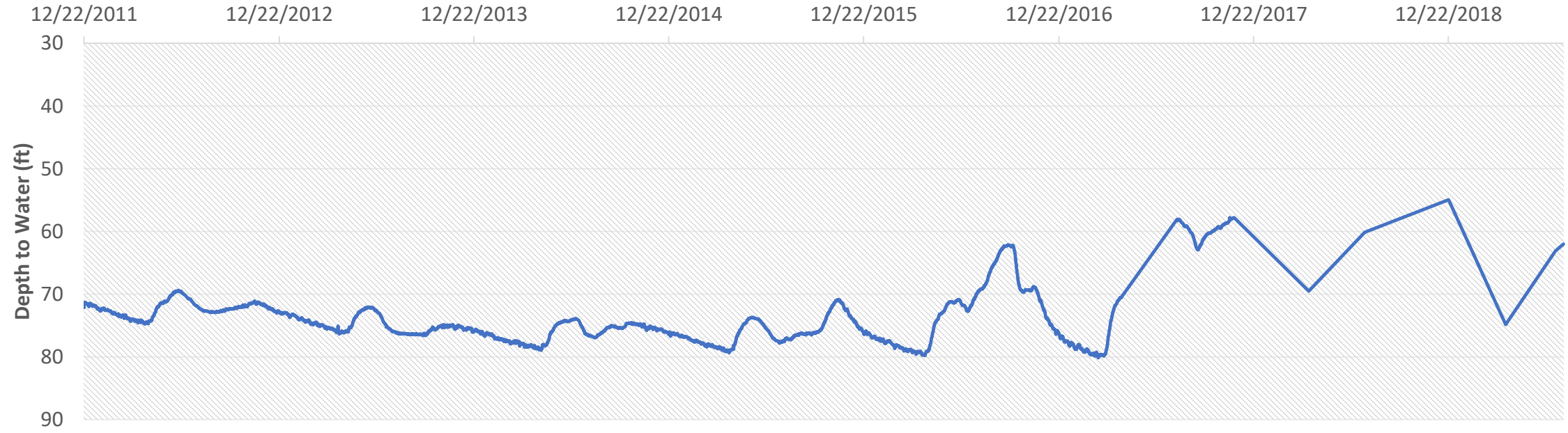
## In-Canal Aquifer Recharge

# 3 Benefits of Aquifer Recharge we Have Noticed

- Improving Groundwater levels
- Improving Groundwater Return Flows to the River
- Improving Water Quality

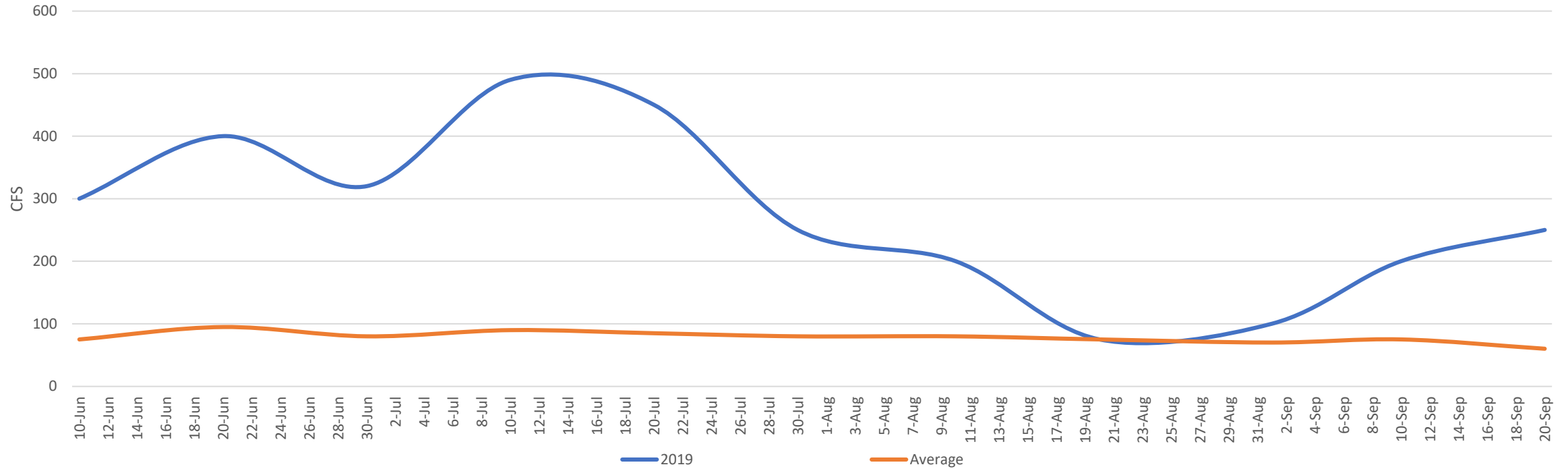


# Well # 07N 39E 07BDA4



Well Located Near Egin Lakes Recharge Site

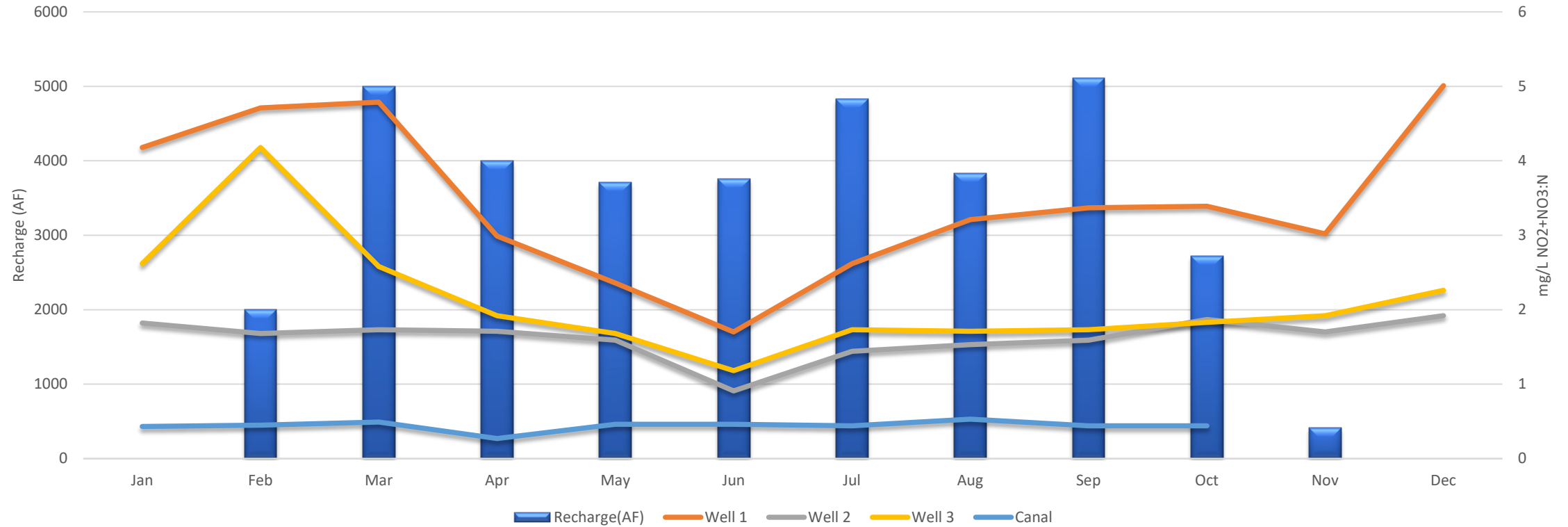
### 2019 Henry's Fork Reach Gains



2019 Reach Gains as Compared With Average

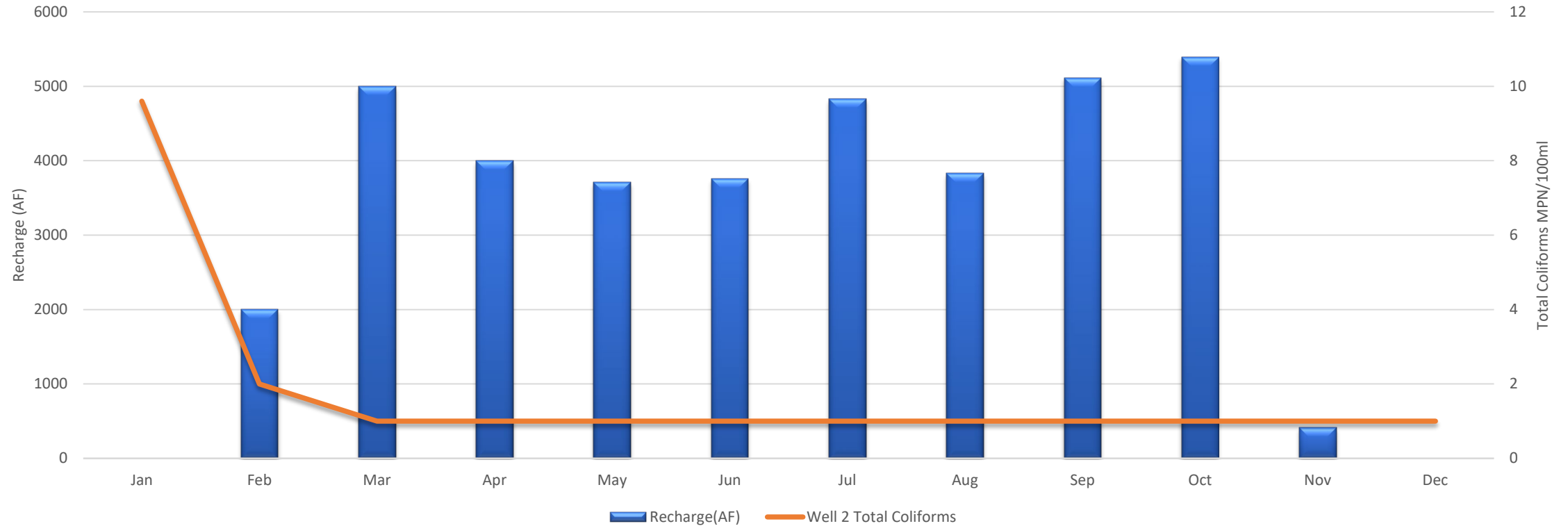
# Water Quality

## Nitrate/Nitrite Levels Comparison to Recharge Volume (AF)



# Water Quality Continued

## Well 2 Total Coliforms Comparison with Monthly Recharge Volumes



**Fremont-Madison Irrigation District**





Summary

Questions?