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Amer Hussain, PE

Geosyntec consultants







More Groundwater Allocation

Geosyntec Consultants









Agenda



- Version 4 Draft Groundwater Allocations
 - Quick recap
 - Focus on changes





- Version 1
 - NY (0.44 AF/ac) + Transitional (5 yr blocks)
- Version 2
 - NY (1.23 AF/ac) with no transitional pumping
- Version 3
 - NY City allocation (1.22 AF/ac) + transitional pumping







Native Yield

- Parcels 5 acres or larger
- Parcels 5 acres or less receive de-minimis 2 AF/ac annually
- Transitional Tier 1 Allocation
 - Land in production between 2015-2024 (LandIQ data)
- No NY for parcels within City of Lemoore
 - 5,430 ac will receive allotment of 6,890 Af (1.26 AF/ac)



Categories of Water



Credits/Debits

- City Lemoore Allotment (can not trade)
- Canal Losses
- Native Yield (trade)
- Landowner Developed Credits (trade w/ limits)
- Transitional Tier 1 Allocation (can not trade)
- Overdraft Tier 2 (penalty only)





Allocation Methodology



- Allocation Timeframe
 - 2026 through 2030
- Measurement
 - use LandIQ data until Board authorizes use of meters







Sustainable Yield for B & C Zones

- All eligible parcels 5 acres or larger
- Combine all your parcels into one account
- Update every 5 years
- Carryover each year for 5 years and Transferable
- -NY = 0.66 AF/ac





- A-Zone no NY or transitional
- B-Zone: up to 2.34 AF/ac annual
- C-Zone: up to 1.34 AF/ac annual
- Pumping Fee





- Max cap for WY 26
 - A-zone 3.0 AF/ac not transferable or roll over
 - B-zone: 3.0 AF/ac
 - C-zone: 2.0 AF/ac
 - Maximum pumping combined 4.0 AF/ac
- Exceedance Tier 2 penalty fees + reduction in future pumping caps



Landowner Developed Credits



Recharge credits

- In accordance with Recharge Policy
- Can trade but with limits
 - Less than 4 miles leave behind of 15%
 - 4-8 leave behind of 30%
 - Not allowed more than 8 miles



Order of Use



- 1. Sustainable yield
- 2. SY carryover
- 3. Landowner developed credits (swap with 4)
- 4. Tier 1 Transitional
- 5. Tier 2





Overdraft Tier 2

- Exceedance native + transitional
- Penalty pumping fee \$500/AF
- Reduction in future year allocations

