

SFK Advisory Committee January 9, 2025

Amer Hussain, PE

Geosyntec[®]
consultants



- Initial Draft Groundwater Allocations





Allocations

Sustainable Yield
Recharge credits
Overdraft Allocation



Pumping Cap

Limit total pumping per aquifer

- Eligibility – Land in production between 2015-2020 (LandIQ data)
- Credits/Debits
 - Precipitation (can not trade)
 - Surface water credits (can not trade)
 - Sustainable Yield (trade)
 - Recharge credits (can not trade)
 - Overdraft Tier 1 Allocation (can not trade)
 - Overdraft Tier 2 (penalty only)



- Allocation Timeframe – annually by April 1
 - Apply to next water year (oct-sept)
- Measurement – use LandIQ data until Board authorizes use of meters



- Sustainable Yield
 - All eligible parcels 5 acres or larger (?)
 - Combine all your parcels into one account
 - Update every 5 years
 - Carryover each year and Transferable
 - Only trade within SFK
 - SY for WY 26-30 = 0.45 Af/ac



- **Recharge credits – In accordance with Recharge Policy**
 - Not tradeable
- **Overdraft Tier 1**
 - Yearly cap = Max Cap – SY
 - 5-year cap = table section 5.5.4
 - Penalty pumping fee - \$125/AF
- **Overdraft Tier 2**
 - Exceedance with Penalty
 - Penalty pumping fee - \$500/AF
 - Reduction in future year allocations



- Determined annually
- Max cap for WY 26
 - A-zone – 4 AF/ac
 - B-zone – 3 AF/ac
 - C-Zone – 2 AF/ac
- These are in place regardless of allocation
- Exceedance, Tier 3 penalty fees + reduction in future pumping caps



- Landowner A
 - Pumps from both the A- and B-zones
 - Allocation WY 26: SY + Tier 1 = 0.45 + portion of 7.5
 - Max Cap apply for A & B zones
- Landowner B
 - Pumps from both the B- and C-zones
 - Allocation WY 26: SY + Tier 1 = 0.45 + portion of 7.5
 - Max Cap apply for B & C zones

- **Landowner 1**

- Allocation: $0.45 + 1.5 = 1.95$ af/ac
- Pump 1 af/ac – A-zone
- Pump 0.95 af/ac – B-zone
- Fees
- $0.45 \times \$10 = \4.5
- $1.5 \times \$125 = 187.50$

- **Landowner 2**

- Allocation: $0.45 + 1.5 = 1.95$ af/ac
- Pump 0 af/ac – B-zone
- Pump 2.95 af/ac – B-zone
- Fees
- $0.45 \times \$10 = \4.5
- $1.5 \times \$125 = 187.50$
- $1 \times 500 = \$500$
- Reduction of 1 Af/ac next year

Allocations and Management Plans

