



# Galena GroundWater – 2022

# Fallow:

01

Due: 200 acres

02

Actual: 18 acres

~ Officially communicated

03

Estimated

~ 100 additional acres related to Flying Hat property sale (5 separate entities).

~ Property pieces sold off through 2022, reduced production.

# Water Purchase:

Very Dry = \$129,000.31

## 01

Due: 1,500 acre feet

Purchase volume based on IDWR designated level of dryness

## 02

Actual: 1,755 acre feet

\* Prices varied significantly [\$60 - \$1,000], finalized at \$75/acr ft

\* Plus wheeling (15% / 255 ac ft)

\* Plus ADRD2 admin (\$8/ac ft)

\* Plus WD1 admin (10% of sale \$ & 1.30/ac ft)

\* Gross cost = \$161,351

\* Admin fees = 22.4% of 1500 ac ft purchase.

\* \$107.57 / ac ft (add'l wheeling, fees)

## 03

Unused & Resold: 248 acre feet

\* \$20,782 in resold water, offset initial costs

\* \$2,705 credit: water not actually wheeled

\* \$8,863 credit via 50/50 split WD1

# Water Reduction:

IDWR reporting states 13% use reduction

01

Due: 15% water use reduction

IDWR Baseline = 6,145 ac ft.

Based on 5 yr average of historical reporting numbers for specific years: 2015, 2016, 2018, 2019 & 2020

02

Estimated Actual:  
5,299 ac ft or 13%  
reduction

\* Lack of owner reporting data makes this an abbreviated number.

03

Data:

- ~ Non-reporting by multiple users
- ~ Meters missing
- ~ Pursuit of clarity on alleged agreements
- ~ Property transfer

# Water Reduction:

If average historical use is incorporated = 1.5%

01

Due: 15% water use  
consumption

6,145 ac ft.

Based on 5 yr average of historical  
reporting numbers for specific years:  
2015, 2016, 2018, 2019 & 2020

02

Estimates Actual:

6,030 ac ft /

2% reduction

\* Reported historical use used to define  
averages in order to hone in on a more  
likely report.

03

Data:

- Non-reporting by multiple users
- Meters missing
- More new reporting than entities which  
have ceased reporting
- Property transfer
- Issues of municipal, etc.

# Year 1: Additional Measures

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- Seasonal Limits.
  - General mailing / notice sent to all members;
  - Website communications;
  - Newspaper communications;
  - Direct calls, conversations
- CIEF funding:
  - Not applied to GGWD in Year 1
- Reporting.
  - Ongoing reconciliation to tie WMIS, Water Right and Property ID information together to explore goal of 5 year average oversight
- Water Conservation, local environmental
  - Ongoing

# In Prospect: Year 2

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- **Fiscal**
  - Establish prudent reserves: previous experience / IWRB members suggestion to District in Year 1
  - Multiple entities seeking water purchase / uncertain costs
  - Member financial issues
- **Consistency**
  - Critically important to maintain consistent message
- **Data Integrity**
  - Meters, data gathering, multiple entities encouraging reporting
- **Community**
  - Invitation

# Actions: Year 2

- **Fallow**

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- Several fallow inquiries, closer to meeting 200 acres for Yr 2
- Fallow Credit Policy (akin to water bank math)

- **Water Purchase**

- March snowfall may continue to improve surface water levels, reduce groundwater demands.
- Mild Spring may reduce costs, as overall availability is improved

- **Consistency**

- IDWR Discussion (Whitehead, municipal included, irrigation dates, functioning meter installation / adjudication parameter...add?)
- Perception: homestead law; golf courses; county vs. city; etc.

- **Data Integrity**

- **Community**

- Invitation