

# Wyandotte Creek GSA Board Meeting Long Term Funding Project Presentation

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# Wyandotte Creek GSA – 2023 Long Term Fee Options

## Special Meeting Agenda

- 1. Recap from 4.27.23 Board Meeting**
- 2. Updated Fee Options – For Review and Discussion**
- 3. Board decision on preferred fee option(s)**
- 4. Next Steps**

# Wyandotte Creek GSA – Long Term Fee Project Schedule

WC GSA 2023 Long Term Funding Project - Primary Milestones								
Project Tasks	Jan	Feb	Mar	Apr	May	June	July	August
WC GSA Project Outreach		>>>>>>>>	>>>>>>>>	Public Workshop	>>>>>>>>	>>>>>>>>	>>>>>>>>	>>>>>>>>
WC GSA Board Meetings		B	B	B	B 		B	
WC GSA Public Meetings				Workshop				
Project Development								
Update Revenue Projections	Develop	Draft	Final					
Evaluation Fee Options	Develop	Draft	Final					
Prepare Options TM				Final				
Prepare/Approve Fee Report					Final			
Approve Proposed Fees								
Tax Roll Data To Assessor								8/10/2023

B = WC GSA Board Meeting



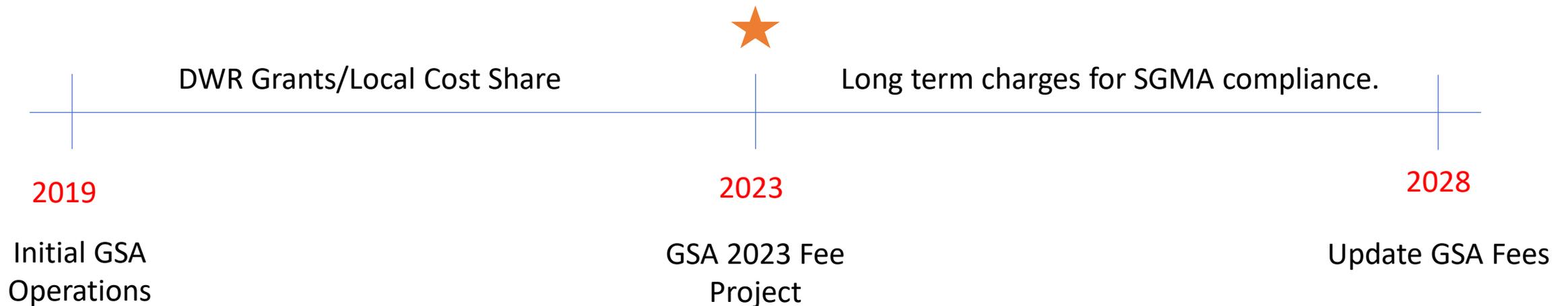
# Wyandotte Creek GSA – 2023 Long Term Fee Options

## Special Meeting Agenda

- 1. Recap from 4.27.23 Board Meeting**
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- 4. Next Steps**

# WDC GSA Long Term Funding Policy Actions Recap

- Initial costs during 2019-2022 period were covered by DWR grants and local cost share.
- Local contributions not available to fund GSP implementation and SGMA compliance costs.
  - Updated revenue projections require a long-term funding source to achieve SGMA compliance for all landowners.
- Developing long term charges through the 2023 Long Term Funding Project.
- WDC GSA's goal is to have charges in place in 2023 to cover increased GSA operational costs.



# Long Term GSA Fee – Development Process

Establish Revenue Needs  
(Operational and Implementation Costs)

- Revenue needs – GSA operations
- Revenue needs – SGMA Compliance
- Five-year Revenue Projections – planning horizon
- Adequate for GSA to comply with SGMA
- Meet GSA financial assurance/sustainability goal

Cost Allocation

- By type – operations vs. implementation
- By Subbasin GSA – weighted by effort
- By use – weight by groundwater use
- Proportional relative to user costs and service/benefit received

YOU ARE HERE

Proposed Fees/Charges

- Public notification
- Stakeholder outreach
- Public hearing and majority protest

# Wyandotte Creek GSA Board – Long Term Fee Options To Evaluate

## FEE OPTIONS TO EVALUATE (MARCH 2023 BOARD MEETING)

- Parcel (Uniform) Charge - \$/acre
- Irrigated/Non-Irrigated Charge – different \$/acre charge for irrigated vs. non-irrigated parcels (urban areas considered irrigated)
- Land Use Hybrids – additional parcel level analysis required (if feasible)

# Wyandotte Creek GSA – Basis For Long Term Fee Options

## BASED ON AVAILABLE PARCEL LEVEL DATA

- Parcel exemptions – Federal/State/Tribal
- Parcel location, size and boundaries (boundary conditions)
- Consider Land IQ 2022 parcel information
- Land use designations
- Water source (sometimes known)
- Water use (typically GSA accounts have been unmetered with no water use records available)

# Wyandotte Creek GSA – Options Evaluation Criteria

## CHARGE OPTION EVALUATION CRITERIA

- Revenue Sufficiency – Meets revenue projection targets
- Revenue Stability – over fee implementation period
- All Beneficiaries Pay – important for SGMA compliance benefit
- Equity – cost allocation
- Affordability – economic impacts
- Simplicity – easy to understand
- Administrative ease – low implementation costs
- Enforceability – potential costs for more complex fee structures
- Legality – defensible, challenge risk, potential long term legal fees

# Wyandotte Creek GSA – Long Term Fee Options

## FEE OPTIONS CONSIDERED FEASIBLE – UNIFORM CHARGE

- Total annual revenue needs/net assessable acreage
- Total annual revenue needs – includes inflation and contingency
- Net Assessable Acreage – Federal/State/Tribal lands excluded
- Net Assessable Acreage – minus roads/highways, etc.
- Lowest implementation costs – easy to understand and implement
- Common GSA charge method

# Wyandotte Creek GSA – 2023 Long Term Fee Options

## FEE OPTIONS CONSIDERED FEASIBLE – UNIFORM CHARGE (NO DWR GRANTS)

WC GSA Uniform Charge Option Charge Basis	Fiscal Year 2023-24	Fiscal Year 2024-25	Fiscal Year 2025-26	Fiscal Year 2026-27	Fiscal Year 2027-28
Total GSA Revenue Needs (\$)	\$224,275	\$224,772	\$231,319	\$242,230	\$242,179
Total GSA Net Assessable Acres	51,409	51,409	51,409	51,409	51,409
<b>Proposed Total Charge (\$/ac)</b>	<b>\$4.36</b>	<b>\$4.37</b>	<b>\$4.50</b>	<b>\$4.71</b>	<b>\$4.71</b>
<b>Annualized Total Charge (\$/ac)</b>	<b>\$4.53</b>	<b>\$4.53</b>	<b>\$4.53</b>	<b>\$4.53</b>	<b>\$4.53</b>

WC GSA Uniform Charge Option Annual Charge Impact	0.5 Acre Parcel	1.0 Acre Parcel	5 Acre Parcel	10 Acre Parcel	50 Acre Parcel
<b>Proposed Total Charge (\$/ac)</b>	<b>\$2.18</b>	<b>\$4.36</b>	<b>\$21.81</b>	<b>\$43.63</b>	<b>\$218.13</b>
<b>Annualized Total Charge (\$/ac)</b>	<b>\$2.27</b>	<b>\$4.53</b>	<b>\$22.66</b>	<b>\$45.31</b>	<b>\$226.57</b>

FY23-24

# Wyandotte Creek GSA – 2023 Long Term Fee Options

## FEE OPTIONS CONSIDERED FEASIBLE – IRRIGATED/NON-IRRIGATED CHARGE

- Irrigated Charge = net revenues/net irrigable acreage
- Non-irrigated Charge = net revenues/net non-irrigable acreage
- Recognizes groundwater users should pay higher % SGMA compliance costs
- Groundwater users – will determine if water balance and sustainability metrics are achieved in the Subbasin
- Higher implementation costs, more complex to implement

# Wyandotte Creek GSA – 2023 Long Term Fee Options

## FEE OPTIONS CONSIDERED FEASIBLE – IRRIGATED/NON-IRRIGATED CHARGE (NO DWR GRANTS)

WC GSA Irrigated/Non-Irrigated Charge Option	Irrigated	Non-Irrigated
Cost Allocation Summary	Parcels	Parcels
GSA Administration Costs	50.95%	49.05%
SGMA Compliance Costs	87.50%	12.50%

The Irrigated/Non-irrigated charge option shifts a higher cost allocation burden to irrigated parcels subject to the long-term charge who use the groundwater resource and directly influence the ability of the GSA to meet long term Subbasin water balance and sustainability metrics.

# Wyandotte Creek GSA – 2023 Long Term Fee Options

## FEE OPTIONS CONSIDERED FEASIBLE – IRRIGATED/NON-IRRIGATED CHARGE (NO DWR GRANTS)

WC GSA Irrigated/Non-irrigated Charge Option Irrigated Annual Charge	Fiscal Year 2023-24	Fiscal Year 2024-25	Fiscal Year 2025-26	Fiscal Year 2026-27	Fiscal Year 2027-28
Irrigated Total Revenue Allocation	\$154,390	\$159,666	\$166,541	\$178,859	\$188,220
Irrigated Total Net Assessable Acreage	26,192	26,192	26,192	26,192	26,192
Proposed Total Charge (\$/ac)	<b>\$5.89</b>	<b>\$6.10</b>	<b>\$6.36</b>	<b>\$6.83</b>	<b>\$7.19</b>
Annualized Total Charge (\$/ac)	<b>\$6.47</b>	<b>\$6.47</b>	<b>\$6.47</b>	<b>\$6.47</b>	<b>\$6.47</b>

WC GSA Irrigated/Non-irrigated Charge Option Non-Irrigated Annual Charge	Fiscal Year 2023-24	Fiscal Year 2024-25	Fiscal Year 2025-26	Fiscal Year 2026-27	Fiscal Year 2027-28
Non-Irrigated Total Revenue Allocation	\$69,885	\$71,338	\$74,330	\$80,146	\$85,244
Non-Irrigated Total Net Assessable Acreage	25,216	25,216	25,216	25,216	25,216
Proposed Total Charge (\$/ac)	<b>\$2.77</b>	<b>\$2.83</b>	<b>\$2.95</b>	<b>\$3.18</b>	<b>\$3.38</b>
Annualized Total Charge (\$/ac)	<b>\$3.02</b>	<b>\$3.02</b>	<b>\$3.02</b>	<b>\$3.02</b>	<b>\$3.02</b>

# Wyandotte Creek GSA – 2023 Long Term Fee Options

## FEE OPTIONS COMPARISON – UNIFORM vs. IRRIGATED/NON-IRRIGATED CHARGE (NO DWR GRANTS)

<u>Parcel Type</u>	<u>Uniform Charge</u>	<u>Irrigated/Non-irrigated Charge</u>
Irrigated	\$4.53/year	\$6.47/year
Non-irrigated	\$4.53/year	\$3.02/year

Irrigated/Non-irrigated shifts more of the cost burden to those that use the groundwater resource with higher implementation costs than the Uniform charge.

DWR grant award scenario reduces charges by approximately \$1.15/acre.

# Wyandotte Creek GSA – 2023 Long Term Fee Options

## APRIL 27 BOARD MEETING – PRIMARY CONCERNS

- Irrigated/Non-Irrigated Charge Option
  - Impact too high on Non-Irrigated large parcels
  - Consider Different Irrigated Charges For SW and GW sources
  - Desire to see updated Irrigated/Non-Irrigated Option That Addresses Concerns
- Discussed Other Charge Remedies
  - Shift cost allocation to smaller parcels
  - Cap (max. charge) on larger parcels
  - Charge based on parcel valuation
- Schedule special meeting to further discuss preferred charge option(s)

# Wyandotte Creek GSA – 2023 Long Term Fee Options

## Special Meeting Agenda

1. Recap from 4.27.23 Board Meeting
2. **Updated Fee Options – For Review and Discussion**
3. Board decision on preferred fee option(s)
4. Next Steps

# Wyandotte Creek GSA – 2023 Long Term Fee Options

## FEE OPTIONS CONSIDERED FEASIBLE – UPDATED IRRIGATED/NON-IRRIGATED CHARGE (NO DWR GRANTS)

WC GSA Irrigated/Non-Irrigated Charge Option	4/27 Irrigated	4/27 Non-Irrig.	5/11 Irrigated	5/11 Non-Irrig.
Cost Allocation Summary	Parcels	Parcels	Parcels	Parcels
GSA Administration Costs	50.95%	49.05%	90.00%	10.00%
SGMA Compliance Costs	87.50%	12.50%	90.00%	10.00%

The Irrigated/Non-irrigated charge option shifts a higher cost allocation burden to irrigated parcels subject to the long-term charge who use the groundwater resource and directly influence the ability of the GSA to meet long term Subbasin water balance and sustainability metrics.

# Wyandotte Creek GSA – 2023 Long Term Fee Options

## FEE OPTIONS COST ALLOCATION – UPDATED IRRIGATED/NON-IRRIGATED CHARGE (NO DWR GRANTS) – 90/10% cost allocation

Cost Category-SGMA Compliance (Non-Irrigators)	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28
Annual Reporting (with continued DWR monitoring)	\$0	\$0	\$0	\$0	\$0
Five Year GSP Update w/Modeling Calibrations	\$0	\$0	\$0	\$0	\$0
Surface-GW Interaction Modeling	\$0	\$0	\$0	\$0	\$0
GSA Coordination & Outreach (w/in and between GSAs)	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Data Management System Maintenance	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Long Term Financial Planning/Fees	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Grant Procurement	\$0	\$0	\$0	\$0	\$0
GSP Project Implementation and Monitoring	\$0	\$0	\$0	\$0	\$0
Contingency (8%)	\$0	\$0	\$0	\$0	\$0
<b>SGMA Compliance Sub-Total Non-Irrigators</b>	<b>\$12,500</b>	<b>\$12,500</b>	<b>\$12,500</b>	<b>\$12,500</b>	<b>\$12,500</b>
Non-Irrigated GSA SGMA Cost Share (10%)	10.0%	10.0%	10.0%	10.0%	10.8%
<b>GSA Admin Total Annual Costs</b>	<b>\$98,725</b>	<b>\$101,687</b>	<b>\$107,788</b>	<b>\$119,645</b>	<b>\$138,788</b>
<b>Non-Irrigated GSA Admin. Cost Share (10%)</b>	<b>\$9,873</b>	<b>\$10,169</b>	<b>\$10,779</b>	<b>\$11,964</b>	<b>\$13,879</b>
<b>Total Non-Irrigated GSA and SGMA Cost Share (10%)</b>	<b>\$22,428</b>	<b>\$23,100</b>	<b>\$24,087</b>	<b>\$25,901</b>	<b>\$27,346</b>

Non-irrigated parcels pay 10% of the total GSA costs as summarized above.

# Wyandotte Creek GSA – 2023 Long Term Fee Options

## FEE OPTIONS CONSIDERED FEASIBLE – IRRIGATED/NON-IRRIGATED CHARGE (NO DWR GRANTS) – assumes 90/10% Irrig./Non-Irrig. cost allocation

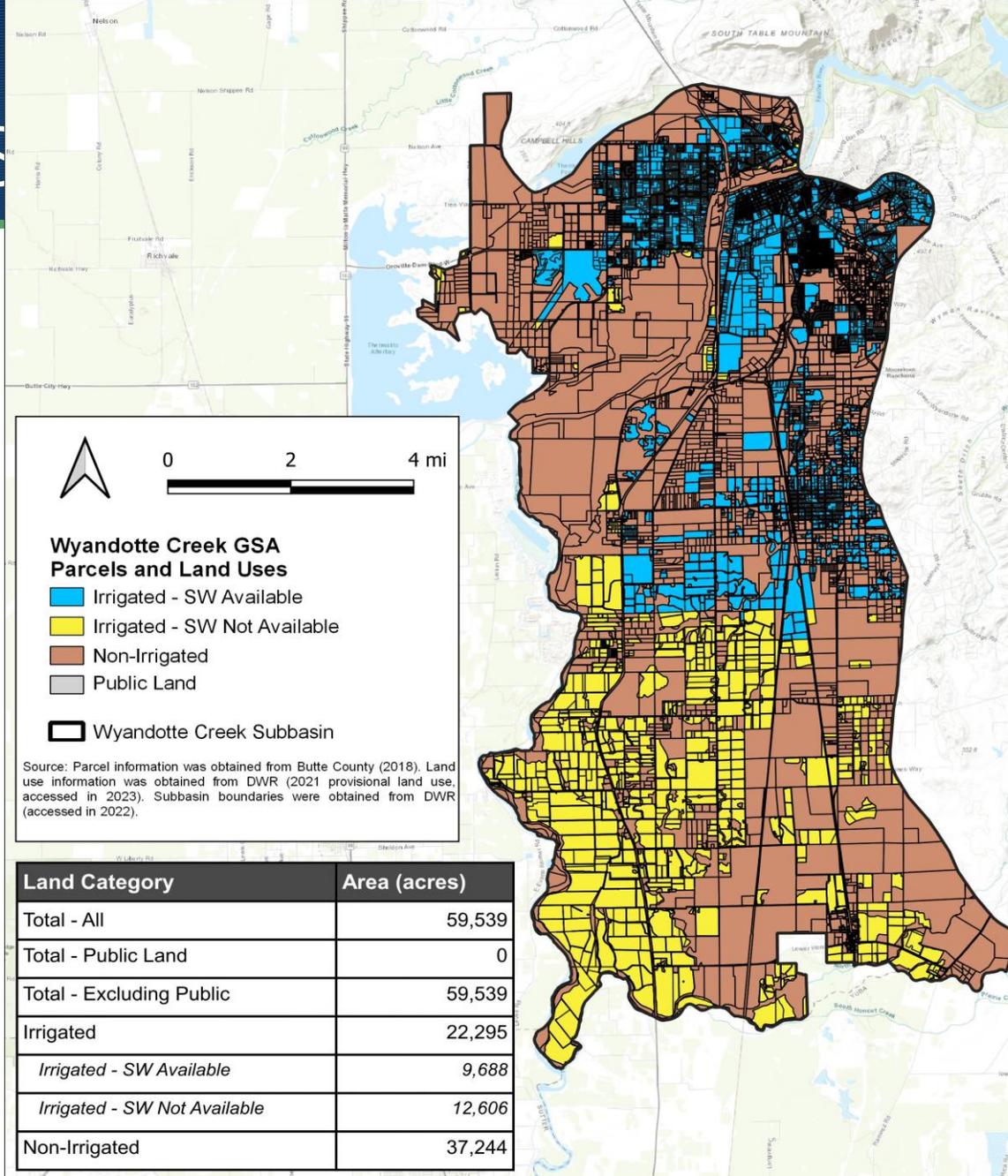
WC GSA Irrig/Non-Irrig Charge Option Irrigated Charge Basis	Fiscal Year 2023-24	Fiscal Year 2024-25	Fiscal Year 2025-26	Fiscal Year 2026-27	Fiscal Year 2027-28
Total Irrigated GSA Revenue Needs (\$)	\$201,848	\$207,903	\$216,784	\$233,105	\$246,117
Total Irrigated GSA Net Assessable Acres	26,192	26,192	26,192	26,192	26,192
<b>Proposed Total Irrig Charge (\$/ac)</b>	<b>\$7.71</b>	<b>\$7.94</b>	<b>\$8.28</b>	<b>\$8.90</b>	<b>\$9.40</b>
<b>Annualized Total Irrig Charge (\$/ac)</b>	<b>\$8.44</b>	<b>\$8.44</b>	<b>\$8.44</b>	<b>\$8.44</b>	<b>\$8.44</b>

WC GSA Irrig/Non-Irrig Charge Option Non-Irrigated Charge Basis	Fiscal Year 2023-24	Fiscal Year 2024-25	Fiscal Year 2025-26	Fiscal Year 2026-27	Fiscal Year 2027-28
Total Non-Irrigated GSA Revenue Needs (\$)	\$22,428	\$23,100	\$24,087	\$25,901	\$27,346
Total Non-Irrigated GSA Net Assessable Acres	25,216	25,216	25,216	25,216	25,216
<b>Proposed Total Non-Irrig Charge (\$/ac)</b>	<b>\$0.89</b>	<b>\$0.92</b>	<b>\$0.96</b>	<b>\$1.03</b>	<b>\$1.08</b>
<b>Annualized Total Non-Irrig Charge (\$/ac)</b>	<b>\$0.97</b>	<b>\$0.97</b>	<b>\$0.97</b>	<b>\$0.97</b>	<b>\$0.97</b>

# Wyandotte Long Term S

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Irrigated/Non-Irrigated  
(2) option with  
separate Irrig-SW and  
Irrig-GW user classes.



# Wyandotte Creek GSA – 2023 Long Term Fee Options

## **FEE OPTIONS CONSIDERED FEASIBLE – IRRIGATED/NON-IRRIGATED CHARGE (NO DWR GRANTS) – with 90/10% cost allocation for Irrig/Non-Irrigated User Classes**

<b>WCGSA Irrigated/Non-Irrigated Charge Option</b>	<b>Irrigated</b>	<b>Non-Irrigated</b>
<b>Cost Allocation Summary</b>	<b>Parcels</b>	<b>Parcels</b>
GSA Administration Costs	90.00%	10.00%
SGMA Compliance Costs	90.00%	10.00%

# Wyandotte Creek GSA – 2023 Long Term Fee Options

## FEE OPTIONS CONSIDERED FEASIBLE – IRRIGATED/NON-IRRIGATED CHARGE (NO DWR GRANTS) – with 90/10% Cost Allocation For Irrig/Non-Irrigated User Classes

WC GSA Irrig/Non-Irrig Charge Option Irrigated Charge Basis	Fiscal Year 2023-24	Fiscal Year 2024-25	Fiscal Year 2025-26	Fiscal Year 2026-27	Fiscal Year 2027-28
Total Irrigated GSA Revenue Needs (\$)	\$201,848	\$207,903	\$216,784	\$233,105	\$246,117
Total Irrigated GSA Net Assessable Acres	26,192	26,192	26,192	26,192	26,192
<b>Proposed Total Irrig Charge (\$/ac)</b>	<b>\$7.71</b>	<b>\$7.94</b>	<b>\$8.28</b>	<b>\$8.90</b>	<b>\$9.40</b>
<b>Annualized Total Irrig Charge (\$/ac)</b>	<b>\$8.44</b>	<b>\$8.44</b>	<b>\$8.44</b>	<b>\$8.44</b>	<b>\$8.44</b>

WC GSA Irrig/Non-Irrig Charge Option Non-Irrigated Charge Basis	Fiscal Year 2023-24	Fiscal Year 2024-25	Fiscal Year 2025-26	Fiscal Year 2026-27	Fiscal Year 2027-28
Total Non-Irrigated GSA Revenue Needs (\$)	\$22,428	\$23,100	\$24,087	\$25,901	\$27,346
Total Non-Irrigated GSA Net Assessable Acres	25,216	25,216	25,216	25,216	25,216
<b>Proposed Total Non-Irrig Charge (\$/ac)</b>	<b>\$0.89</b>	<b>\$0.92</b>	<b>\$0.96</b>	<b>\$1.03</b>	<b>\$1.08</b>
<b>Annualized Total Non-Irrig Charge (\$/ac)</b>	<b>\$0.97</b>	<b>\$0.97</b>	<b>\$0.97</b>	<b>\$0.97</b>	<b>\$0.97</b>

# Wyandotte Creek GSA – 2023 Long Term Fee Options

## **FEE OPTIONS CONSIDERED FEASIBLE – IRRIGATED/NON-IRRIGATED CHARGE (NO DWR GRANTS) – with Irrigated-SW and Irrigated-GW User Classes**

<b>WCGSA Irrigated/Non-Irrigated Charge Option</b>	<b>Irrigated</b>	<b>Non-Irrigated</b>	<b>Irrigated-SW</b>	<b>Irrigated-GW</b>
<b>Cost Allocation Summary</b>	<b>Parcels</b>	<b>Parcels</b>	<b>Parcels</b>	<b>Parcels</b>
<b>GSA Administration Costs</b>	<b>90.00%</b>	<b>10.00%</b>	<b>35.00%</b>	<b>65.00%</b>
<b>SGMA Compliance Costs</b>	<b>90.00%</b>	<b>10.00%</b>	<b>35.00%</b>	<b>65.00%</b>

Irrigated-SW parcels pay less than Irrigated-GW parcels due to net recharge benefit provided by surface water users.

# Wyandotte Creek GSA – 2023 Long Term Fee Options

## FEE OPTIONS CONSIDERED FEASIBLE – IRRIGATED/NON-IRRIGATED CHARGE (NO DWR GRANTS) – with 90/10% Cost Allocation For Irrig-SW/Irrig-GW User Classes

WC GSA Irrig/Non-Irrig Charge Option Irrigated-SW Charge Basis	Fiscal Year 2023-24	Fiscal Year 2024-25	Fiscal Year 2025-26	Fiscal Year 2026-27	Fiscal Year 2027-28
Total Irrigated GSA Revenue Needs (\$)	\$70,647	\$72,766	\$75,874	\$81,587	\$86,141
Total Irrigated GSA Net Assessable Acres	9,688	9,688	9,688	9,688	9,688
<b>Proposed Total Irrig Charge (\$/ac)</b>	<b>\$7.29</b>	<b>\$7.51</b>	<b>\$7.83</b>	<b>\$8.42</b>	<b>\$8.89</b>
<b>Annualized Total Irrig Charge (\$/ac)</b>	<b>\$7.99</b>	<b>\$7.99</b>	<b>\$7.99</b>	<b>\$7.99</b>	<b>\$7.99</b>

WC GSA Irrig/Non-Irrig Charge Option Irrigated-GW Charge Basis	Fiscal Year 2023-24	Fiscal Year 2024-25	Fiscal Year 2025-26	Fiscal Year 2026-27	Fiscal Year 2027-28
Total Non-Irrigated GSA Revenue Needs (\$)	\$131,201	\$124,742	\$130,070	\$139,863	\$147,670
Total Non-Irrigated GSA Net Assessable Acres	12,606	12,606	12,606	12,606	12,606
<b>Proposed Total Non-Irrig Charge (\$/ac)</b>	<b>\$10.41</b>	<b>\$9.90</b>	<b>\$10.32</b>	<b>\$11.09</b>	<b>\$11.71</b>
<b>Annualized Total Non-Irrig Charge (\$/ac)</b>	<b>\$10.69</b>	<b>\$10.69</b>	<b>\$10.69</b>	<b>\$10.69</b>	<b>\$10.69</b>

# Wyandotte Creek GSA – 2023 Long Term Fee Options

## FEE OPTIONS CONSIDERED FEASIBLE – IRRIGATED/NON-IRRIGATED CHARGE (NO DWR GRANTS) – with 90/10% Cost Allocation For Irrig-SW/Irrig-GW User Classes Two-Tier Charge Option – GW users pay for SGMA Compliance Costs

WC GSA Two-Tier Option Irrigated-GW	Fiscal Year 2023-24	Fiscal Year 2024-25	Fiscal Year 2025-26	Fiscal Year 2026-27	Fiscal Year 2027-28
GSA Admin. Charge (\$/ac)	\$1.92	\$1.98	\$2.10	\$2.33	\$2.70
SGMA Compliance Charge (\$/ac)	\$9.96	\$10.26	\$10.56	\$11.06	\$10.68
<b>Proposed Total Charge (\$/ac)</b>	<b>\$11.88</b>	<b>\$12.24</b>	<b>\$12.65</b>	<b>\$13.38</b>	<b>\$13.38</b>
<b>Annualized Total Charge (\$/ac)</b>	<b>\$12.71</b>	<b>\$12.71</b>	<b>\$12.71</b>	<b>\$12.71</b>	<b>\$12.71</b>

WC GSA Two-Tier Option Non-Irrig & Irrigated-SW	Fiscal Year 2023-24	Fiscal Year 2024-25	Fiscal Year 2025-26	Fiscal Year 2026-27	Fiscal Year 2027-28
GSA Admin. Charge (\$/ac)	\$1.92	\$1.98	\$2.10	\$2.33	\$2.70
SGMA Compliance Charge (\$/ac)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
<b>Proposed Total Charge (\$/ac)</b>	<b>\$1.92</b>	<b>\$1.98</b>	<b>\$2.10</b>	<b>\$2.33</b>	<b>\$2.70</b>
<b>Annualized Total Charge (\$/ac)</b>	<b>\$2.20</b>	<b>\$2.20</b>	<b>\$2.20</b>	<b>\$2.20</b>	<b>\$2.20</b>

Cost of GSA Admin is distributed evenly to all acreage within the subbasin. SGMA Compliance costs borne by Irrigated-GW acreage only



# Wyandotte Creek GSA – 2023 Long Term Fee Options

## FEE OPTIONS COMPARISON – UNIFORM vs. IRRIG./NON-IRRIG. CHARGE COMPARISON (NO DWR GRANTS) - \$/ac/yr.

WC GSA 4/27/23 Board Meeting

WC GSA 5/11/23 Board Meeting

<u>Parcel Type</u>	<u>Uniform</u>	<u>Irr/Non-Irr</u>	<u>Irr/Non-Irr (1)</u>	<u>Irr/Non-Irr (2)</u>
Irrigated-SW	\$4.53	\$6.47	\$ 8.44	\$ 7.99
Irrigated-GW	\$4.53	\$6.47	\$ 8.44	\$10.69
Non-irrigated	\$4.53	\$3.02	\$ 0.97	\$ 0.97

Irrigated/Non-irrigated shifts more of the cost burden to those that use the groundwater resource with higher implementation costs than the Uniform charge.

Assumes 90/10% Irrigated/Non-Irrigated cost allocation assumption. And 35/65% Irrigated-SW/Irrigated-GW cost allocation.

# Wyandotte Creek GSA – 2023 Long Term Fee Options

## FEE OPTIONS COMPARISON – FOR SELECTING PREFERRED CHARGE OPTION (NO DWR GRANTS)

GSA Charge Options Comparison	Ease of Understanding	Ease of Implementation	Customer Equity	Additional GSA Administration	Revenue Sufficiency
Uniform Charge	1	1	2/3	1	1
Irrigated/Non-Irrig (1)	2	2	2	2	1
Irrigated/Non-Irrig (2)	2	2	1	2	1
Two-Tier Charge	2	2	1	2	1
Land Use Hybrid	3	3	1	3	2

Option Ranking:  
1= best, 3 = lowest

# Wyandotte Creek GSA – 2023 Long Term Fee Options

## FEE OPTIONS COMPARISON – UNIFORM vs. IRRIGATED/NON-IRRIGATED CHARGE (NO DWR GRANTS)

**The Board can decide at this meeting to select a preferred charge option or can include two options in the Fee Report and make a final decision on the preferred charge methodology at the May 2023 Board meeting when approving the Fee Report.**

# Wyandotte Creek GSA Board Action – Approve Fee Options TM For Use in 2023 Fee Report

## WYANDOTTE CREEK GSA BOARD ACTION

- Approve the preferred long term charge option to finalize the Fee Options Evaluation TM (including data updates) for inclusion in the WC GSA Fee Report
  - Uniform Charge – lowest possible charge with lowest implementation costs
  - Irrigated/Non-irrigated Charge – higher implementation costs with more detailed parcel analysis and higher cost allocation to irrigated parcels
- Continue with GSA outreach efforts and address questions and concerns of those subject to the WC GSA long term charges

# Wyandotte Creek GSA – 2023 Long Term Fee Options

## FEE OPTIONS COMPARISON – PRESENTATION 5.11.23

**BACK-UP SLIDES FOLLOW**

# 2023 Wyandotte Creek Board Meeting Milestone Actions

Wyandotte Creek Board Meeting	Board Action Item	Project Deliverables
<del>February 2023</del>	<del>Approve Five Year Revenue Projections</del>	<del>Updated Five Year Revenue Projections for GSP Implementation</del>
<del>March 23 Board Meeting</del>	<del>Approve Fee Options To Evaluate</del>	<del>Provide Fee Options and Trade-offs</del>
<del>April 27 Board Meeting</del>	<del>Approve Fee Options TM</del>	<del>Fee Option TM</del>
May 11 Board Meeting 	Approve Fee Options TM	Additional Option Review
May 25 Board Meeting	Approve Fee Report	Fee Report
July 27 Board Meeting	Approve Proposed Fees	Fee Approval Support
August Assessor's Office Schedule		Provide Tax Roll Data To Assessor

- LSCE work will be coordinated with legal counsel review throughout the project duration.
- WDC GSA website and outreach updates to be provided.

# Charge Report – Example Principles

**Revenue needs based on reasonable assessment of GSP implementation and SGMA compliance costs.**

Estimated in GSP

Reviewed based on other GSA costs state-wide

Can be updated in the future

**Cost allocation primarily based on total groundwater use by GSA service area.**

Considered to be an equitable approach

Based on measured and modeled groundwater use

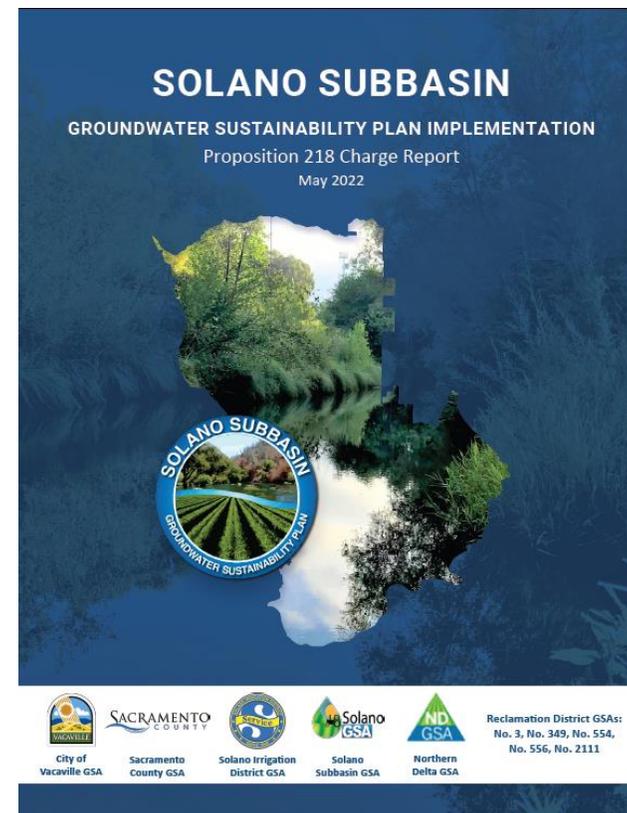
Can be updated as needed in the future

**Establishes maximum charges that may be levied during the allowed five-year (FY2023-24 through FY2027-28) charge period.**

Provides flat annual charge through five-year period

Including inflation factor

**Prop. 218 or 26 Fees or Charges are the most common GSA implementation funding mechanism to date being used in California to comply with SGMA preserving local control.**



# Wyandotte Creek GSA – 2023 Long Term Fee Options

## FEE OPTIONS COMPARISON – Metered GW Use vs. Well Registration CHARGE (NO DWR GRANTS)

WC GSA GW Metering Option Charge Basis	Fiscal Year 2023-24	Fiscal Year 2024-25	Fiscal Year 2025-26	Fiscal Year 2026-27	Fiscal Year 2027-28
Total GSA Revenue Needs (\$)	\$224,275	\$224,772	\$231,319	\$242,230	\$242,179
Total GSA Metered GW Use (af)	45,700	45,700	45,700	45,700	45,700
<b>Proposed Total Charge (\$/af)</b>	<b>\$4.91</b>	<b>\$4.92</b>	<b>\$5.06</b>	<b>\$5.30</b>	<b>\$5.30</b>
<b>Annualized Total Charge (\$/af)</b>	<b>\$5.10</b>	<b>\$5.10</b>	<b>\$5.10</b>	<b>\$5.10</b>	<b>\$5.10</b>

WC GSA Well Registration Option Charge Basis	Fiscal Year 2023-24	Fiscal Year 2024-25	Fiscal Year 2025-26	Fiscal Year 2026-27	Fiscal Year 2027-28
Total GSA Revenue Needs (\$)	\$224,275	\$224,772	\$231,319	\$242,230	\$242,179
Total GSA Wells	1,532	1,532	1,532	1,532	1,532
<b>Proposed Total Charge (\$/well)</b>	<b>\$146.39</b>	<b>\$146.72</b>	<b>\$150.99</b>	<b>\$158.11</b>	<b>\$158.08</b>
<b>Annualized Total Charge (\$/well)</b>	<b>\$152.06</b>	<b>\$152.06</b>	<b>\$152.06</b>	<b>\$152.06</b>	<b>\$152.06</b>

# Wyandotte Creek GSA – Updated Revenue Projections For GSP Implementation and SGMA Compliance

Assuming no  
DWR SGMA  
Implementation  
grant funding in  
2023.

Wyandotte Creek GSA - Long Term Funding Strategy					
Five-Year GSA Operational Budget - GSP Implementation and SGMA Compliance Costs					
5-Year GSP Implementation Inflation Adjustment	0%	3%	3%	5%	5%
Proposed	Year 1	Year 2	Year 3	Year 4	Year 5
Cost Category-GSA Admin.	FY23-24	FY24-25	FY25-26	FY26-27	FY27-28
<b>Professional Services - Admin.</b>					
Auditor	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Financial Services	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Legal Services	\$10,000	\$5,000	\$5,000	\$5,000	\$5,000
Program Manager (w/County management)	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
<b>Professional Services - Admin. Sub-total</b>	<b>\$67,500</b>	<b>\$62,500</b>	<b>\$62,500</b>	<b>\$62,500</b>	<b>\$62,500</b>
<b>Office Expense</b>					
Bank Fees	\$250	\$250	\$250	\$250	\$250
Insurance	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000
Outreach (education and outreach)	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Website	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500
Supplies	\$1,000	\$500	\$500	\$500	\$500
<b>Office Expense Sub-total</b>	<b>\$7,250</b>	<b>\$6,750</b>	<b>\$6,750</b>	<b>\$6,750</b>	<b>\$6,750</b>
Professional Services - GSP Implementation	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Legal Defense Reserve (build \$150,000/yr. balance)	\$0	\$0	\$0	\$0	\$0
County Tax Roll Fee Support	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Contingency (10%)	\$8,975	\$8,425	\$8,425	\$8,425	\$8,425
<b>GSA Admin. Sub-total</b>	<b>\$98,725</b>	<b>\$92,675</b>	<b>\$92,675</b>	<b>\$92,675</b>	<b>\$92,675</b>
5-Year GSP Implementation Inflation Adjustment	0%	3%	3%	5%	5%
<b>Cost Category-SGMA Compliance</b>	<b>FY23-24</b>	<b>FY24-25</b>	<b>FY25-26</b>	<b>FY26-27</b>	<b>FY27-28</b>
Annual Reporting (assumes DWR monitoring continues)	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000
Five Year GSP Update w/Modeling Calibrations	\$43,750	\$43,750	\$43,750	\$43,750	\$35,000
Surface-GW Interaction Modeling	\$7,500	\$7,500	\$7,500	\$7,500	\$7,500
GSA Coordination & Outreach (w/in and between GSAs)	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Data Management System Maintenance	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
Long Term Financial Planning/Fees	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Grant Procurement	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Contingency (8%)	\$9,300	\$9,300	\$9,300	\$9,300	\$8,600
<b>SGMA Compliance Sub-Total</b>	<b>\$125,550</b>	<b>\$125,550</b>	<b>\$125,550</b>	<b>\$125,550</b>	<b>\$116,100</b>
TOTAL WDCGSA Administration (w/inflation adjustment)	\$98,725	\$95,455	\$98,236	\$102,869	\$107,503
TOTAL WDCGSA SGMA Compliance (w/inflation adjustment)	\$125,550	\$129,317	\$133,083	\$139,361	\$134,676
<b>TOTAL WDCGSA Operational Budget</b>	<b>\$224,275</b>	<b>\$224,772</b>	<b>\$231,319</b>	<b>\$242,230</b>	<b>\$242,179</b>



# Wyandotte Creek Subbasin – Long Term SGMA Compliance = Local Control

## Wyandotte Creek GSA On-GOING SGMA COMPLIANCE REQUIREMENTS (Includes Other Sub-Tasks Not Listed Below)

Maintain a Functioning GSA  
(Budget and Staffing)

Conduct Annual GW Monitoring and  
reporting (each April)

SGMA  
COMPLIANCE

Ongoing GSA Coordination/Outreach

Prepare/Approve 5-Year GSP Updates

Other compliance tasks may include Surface-Groundwater Interaction Modeling, Data Management System Updates and Maintenance, DWR GSP updates, Long Term Financial Planning to maintain sustainable fees, and other tasks that may be required based on SGMA policy updates and GSP implementation efforts.

# Wyandotte Creek GSA – Updated Revenue Projections Future Potential Project Costs (DWR Grant Application)

Adding project funding to long-term GSA revenue projections will increase required fees.

The GSA would benefit if Component 2 was DWR funded which would cover some SGMA compliance costs and lower fees in years 1-3.

Table 2 – Ranking of Proposed Components

Rank	Name	SJV Funds Component Requirement	Readiness	Partnerships with Non-Profits, Non-Governmental Organizations (NROs), and/or Colleges/Universities	Benefactors	Cost
<i>Rank in order of importance with 1 being most important. Do not use rank # more than once each.</i>	<i>Provide a name for each proposed component.</i>	<i>Please check box if the component is eligible for SJV-funds</i>	<i>Please check if the component will be under construction by the end of 2023</i>	<i>Please list all partnering agencies that are collaborating on a component with the estimate amount of funding being provided to the nonprofit(s), NGO(s), and/or college(s)/ university (-ies)</i>	<i>Does this component benefit any of the following communities ? (Check all that apply)</i>	<i>Provide a cost estimate for the total component cost. Round to nearest hundred.</i>
1	Grant Administration	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/> Tribe(s) <input checked="" type="checkbox"/> URC(s) <input checked="" type="checkbox"/> SDAC(s)	\$200,000
2	GSP Implementation, Outreach, and Inter-basin Coordination Activities	<input type="checkbox"/>	<input type="checkbox"/>	GSAs in neighboring subbasins, Butte County	<input checked="" type="checkbox"/> Tribe(s) <input checked="" type="checkbox"/> URC(s) <input type="checkbox"/> SDAC(s)	\$1,175,000
3	Regional Conjunctive Use Project	<input type="checkbox"/>	<input type="checkbox"/>	South Feather Water and Power Agency, Thermalito Water and Sewer District	<input type="checkbox"/> Tribe(s) <input checked="" type="checkbox"/> URC(s) <input checked="" type="checkbox"/> SDAC(s)	\$400,000
4	Monitoring Network Enhancements	<input type="checkbox"/>	<input type="checkbox"/>	CSU Chico - \$ 50,000	<input checked="" type="checkbox"/> Tribe(s) <input checked="" type="checkbox"/> URC(s) <input checked="" type="checkbox"/> SDAC(s)	\$1,433,800
5	Thermalito Water Treatment Plant Capacity Upgrade	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Thermalito Water and Sewer District	<input type="checkbox"/> Tribe(s) <input checked="" type="checkbox"/> URC(s) <input checked="" type="checkbox"/> SDAC(s)	\$2,318,500
6	Groundwater Recharge Feasibility Analysis, Design, and Construction	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/> Tribe(s) <input checked="" type="checkbox"/> URC(s) <input checked="" type="checkbox"/> SDAC(s)	\$1,840,000
					<b>Total Cost:</b>	<b>\$7,367,300</b>

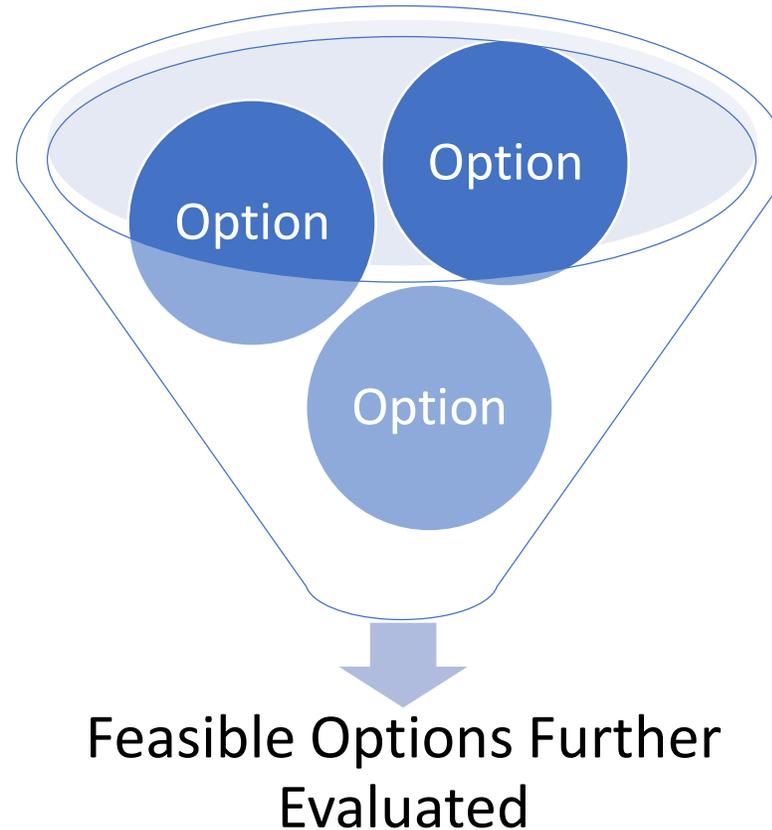


# Wyandotte Creek GSA – Long Term Fee Option Screening Process

## FEE OPTIONS CONSIDERED INFEASIBLE – BASED ON CHARGE EVALUATION CRITERIA

### Eliminated Options Due to High Costs

Metering groundwater extractions  
Well registration program and charges  
Land Use Hybrids – real time ET  
Local cost sharing – no funds available



# Wyandotte Creek GSA – Long Term Fee Option Screening Process

## FEE OPTIONS CONSIDERED INFEASIBLE – BASED ON CHARGE EVALUATION CRITERIA

### Options Requiring 1-2+ Years of Policy Development

Metering groundwater extractions

Well registration program and charges

### Options Requiring GSA To Become Billing Collector

Metering groundwater extractions

Well registration program and charges (for some variations)

Land Use Hybrids – real time ET

Most GSAs do not wish to become billing agencies. Property tax assessments are efficiently collected through Assessor Offices.

# Wyandotte Creek GSA – Long Term Fee Option Screening Process

## **FEE OPTIONS CONSIDERED INFEASIBLE – BASED ON CHARGE IMPLEMENTATION COSTS**

<b>WC GSA Charge Option Estimated Implementation Costs (\$/ac)</b>	<b>Fiscal Year 2023-24</b>	<b>Fiscal Year 2024-25</b>	<b>Fiscal Year 2025-26</b>	<b>Fiscal Year 2026-27</b>	<b>Fiscal Year 2027-28</b>
Irrigated/Non-Irrigated	\$0.39	\$0.40	\$0.41	\$0.42	\$0.44
Land Use Hybrid Crop Type	\$1.10	\$1.13	\$1.16	\$1.20	\$1.23
Land Use Hybrid Crop ET	\$1.95	\$2.01	\$2.06	\$2.12	\$2.18
Well Registration/Permit System	\$4.28	\$4.41	\$4.54	\$4.75	\$4.96
Metered Groundwater Extraction	\$11.59	\$12.13	\$12.68	\$13.23	\$13.77

Added implementation costs for each Option.

# Wyandotte Creek GSA – Long Term Fee Options

## FEE OPTIONS CONSIDERED INFEASIBLE

- Groundwater Extraction Charge - \$/ac-foot pumped (if metered)
- Well Registration Program and Charge - \$/well plus extraction charge
- Other Land Use Based Hybrids – real-time ET, estimated land use
- Local cost sharing – existing budgets cannot sustain GSA operations
- No Project – State Intervention (typically higher than local fees)

# Wyandotte Creek GSA – 2023 Long Term Fee Options

## FEE OPTIONS CONSIDERED FEASIBLE – UNIFORM CHARGE (WITH DWR GRANTS)

WC GSA Uniform Charge Option Charge Basis With DWR Grants	Fiscal Year 2023-24	Fiscal Year 2024-25	Fiscal Year 2025-26	Fiscal Year 2026-27	Fiscal Year 2027-28
Total GSA Revenue Needs (\$)	\$120,325	\$117,703	\$121,132	\$254,218	\$254,707
Total GSA Net Assessable Acres	51,409	51,409	51,409	51,409	51,409
<b>Proposed Total Charge (\$/ac)</b>	<b>\$2.34</b>	<b>\$2.29</b>	<b>\$2.36</b>	<b>\$4.95</b>	<b>\$4.95</b>
<b>Annualized Total Charge (\$/ac)</b>	<b>\$3.38</b>	<b>\$3.38</b>	<b>\$3.38</b>	<b>\$3.38</b>	<b>\$3.38</b>

WC GSA Uniform Charge Option Annual Charge Impact w/DWR Grant	0.5 Acre Parcel	1.0 Acre Parcel	5 Acre Parcel	10 Acre Parcel	50 Acre Parcel
<b>Proposed Total Charge (\$/ac)</b>	<b>\$1.17</b>	<b>\$2.34</b>	<b>\$11.70</b>	<b>\$23.41</b>	<b>\$117.03</b>
<b>Annualized Total Charge (\$/ac)</b>	<b>\$1.69</b>	<b>\$3.38</b>	<b>\$16.89</b>	<b>\$33.77</b>	<b>\$168.86</b>

FY23-24