

**2021 Annual Report - Part A. Groundwater Extraction Methods for WY 2020, Kern County Subbasin**

Basin Number	Water Year	Meters Volume (AF)	Meters Description	Meters Type	Meters Accuracy (%)	Meters Accuracy Description
5-022.14	2020 (Oct. 2019 - Sept. 2020)	602324	Meters and comparable measuring devices operated by local water agencies, water purveyors and city water departments in compliance with	Direct	0-5 %	These data were collected from well meters by experienced water agency staff following monitoring protocols for urban and agricultural

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Electrical Records Volume (AF)	Electrical Records Description	Electrical Records Type	Electrical Records Accuracy (%)	Electrical Records Accuracy Description	Land Use Volume (AF)
0					1232731

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Land Use Description	Land Use Type	Land Use Accuracy (%)	Land Use Accuracy Description	Groundwater Model Volume (AF)	Groundwater Model Description
IWFM Demand Calculator (IDC) in C2VSimFG-Kern	Estimate	10-20 %	Estimated groundwater extractions is based on simulation results of the IDC tool within C2VSimFG-Kern model. The water balance accuracy of the	0	

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Groundwater Model Type	Groundwater Model Accuracy (%)	Groundwater Model Accuracy Description	Other Method(s) Volume (AF)	Other Method(s) Description	Other Method(s) Type	Other Method(s) Accuracy (%)
			0			

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Other Method(s) Accuracy Description

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Field Name	Description	Required Field?
<b>Basin Number</b>	The basin number of the basin covered by the Annual Report. Select the basin number from the dropdown list.	Yes
<b>Water Year</b>	The water year (October 1 to September 30) covered in the Annual Report. Select the water year from the dropdown list.	Yes
<b>Meters Volume (AF)</b>	The volume of groundwater extractions calculated using the meters measurement method for the selected water year in acre-feet (AF).	Yes
<b>Meters Description</b>	Provide a description of the meters measurement method used to calculate the volume of groundwater extractions for the selected water year.	Conditional: Yes, if a volume other than 0 AF is entered into the "Meters Volume (AF)" column.
<b>Meters Type</b>	Identify whether the meters measurement method was direct or estimate for the selected water year.	Conditional: Yes, if a volume other than 0 AF is entered into the "Meters Volume (AF)" column.
<b>Meters Accuracy (%)</b>	The accuracy, defined as a percent (%), of the volume of groundwater extractions calculated using the meters measurement method for the selected water year. If accuracy was not calculated as a percent, select "Other".	Conditional: Yes, if a volume other than 0 AF is entered into the "Meters Volume (AF)" column.
<b>Meters Accuracy Description</b>	Provide a description of how percent accuracy was calculated or if "Other" was selected, provide the calculated accuracy value and provide a description of how the "Other" accuracy value was calculated.	Conditional: Yes, if a volume other than 0 AF is entered into the "Meters Volume (AF)" column.
<b>Electrical Records Volume (AF)</b>	The volume of groundwater extractions calculated using the electrical records measurement method for the selected water year in acre-feet (AF).	Yes
<b>Electrical Records Description</b>	Provide a description of the electrical records measurement method used to calculate the volume of groundwater extractions for the selected water year.	Conditional: Yes, if a volume other than 0 AF is entered into the "Electrical Records Volume (AF)" column.
<b>Electrical Records Type</b>	Identify whether the electrical records measurement method was direct or estimate for the selected water year.	Conditional: Yes, if a volume other than 0 AF is entered into the "Electrical Records Volume (AF)" column.
<b>Electrical Records Accuracy (%)</b>	The accuracy, defined as a percent (%), of the volume of groundwater extractions calculated using the electrical records measurement method for the selected water year. If accuracy was not calculated as a percent, select "Other".	Conditional: Yes, if a volume other than 0 AF is entered into the "Electrical Records Volume (AF)" column.
<b>Electrical Records Accuracy Description</b>	Provide a description of how percent accuracy was calculated or if "Other" was selected, provide the calculated accuracy value and provide a description of how the "Other" accuracy value was calculated.	Conditional: Yes, if a volume other than 0 AF is entered into the "Electrical Records Volume (AF)" column.
<b>Land Use Volume (AF)</b>	The volume of groundwater extractions calculated using the land use measurement method for the selected water year in acre-feet (AF).	Yes

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<b>Land Use Description</b>	Provide a description of the land use measurement method used to calculate the volume of groundwater extractions for the selected water year.	Conditional: Yes, if a volume other than 0 AF is entered into the "Land Use Volume (AF)" column.
<b>Land Use Type</b>	Identify whether the land use measurement method was direct or estimate for the selected water year.	Conditional: Yes, if a volume other than 0 AF is entered into the "Land Use Volume (AF)" column.
<b>Land Use Accuracy (%)</b>	The accuracy, defined as a percent (%), of the volume of groundwater extractions calculated using the land use measurement method for the selected water year. If accuracy was not calculated as a percent, select "Other".	Conditional: Yes, if a volume other than 0 AF is entered into the "Land Use Volume (AF)" column.
<b>Land Use Accuracy Description</b>	Provide a description of how percent accuracy was calculated or if "Other" was selected, provide the calculated accuracy value and provide a description of how the "Other" accuracy value was calculated.	Conditional: Yes, if a volume other than 0 AF is entered into the "Land Use Volume (AF)" column.
<b>Groundwater Model Volume (AF)</b>	The volume of groundwater extractions calculated using the groundwater model measurement method for the selected water year in acre-feet (AF).	Yes
<b>Groundwater Model Description</b>	Provide a description of the groundwater model measurement method used to calculate the volume of groundwater extractions for the selected water year.	Conditional: Yes, if a volume other than 0 AF is entered into the "Groundwater Model Volume (AF)" column.
<b>Groundwater Model Type</b>	Identify whether the groundwater model measurement method was direct or estimate for the selected water year.	Conditional: Yes, if a volume other than 0 AF is entered into the "Groundwater Model Volume (AF)" column.
<b>Groundwater Model Accuracy (%)</b>	The accuracy, defined as a percent (%), of the volume of groundwater extractions calculated using the groundwater model measurement method for the selected water year. If accuracy was not calculated as a percent, select "Other".	Conditional: Yes, if a volume other than 0 AF is entered into the "Groundwater Model Volume (AF)" column.
<b>Groundwater Model Accuracy Description</b>	Provide a description of how percent accuracy was calculated or if "Other" was selected, provide the calculated accuracy value and provide a description of how the "Other" accuracy value was calculated.	Conditional: Yes, if a volume other than 0 AF is entered into the "Groundwater Model Volume (AF)" column.
<b>Other Method(s) Volume (AF)</b>	The volume of groundwater extractions calculated using other measurement method(s) for the selected water year in acre-feet (AF).	Yes
<b>Other Method(s) Description</b>	Provide a description of the other measurement method(s) used to calculate the volume of groundwater extractions for the selected water year.	Conditional: Yes, if a volume other than 0 AF is entered into the "Other Method Volume (AF)" column.
<b>Other Method(s) Type</b>	Identify whether the other measurement method(s) was direct or estimate for the selected water year.	Conditional: Yes, if a volume other than 0 AF is entered into the "Other Method Volume (AF)" column.
<b>Other Method(s) Accuracy (%)</b>	The accuracy, defined as a percent (%), of the volume of groundwater extractions calculated using the other measurement method(s) for the selected water year. If accuracy was not calculated as a percent, select "Other".	Conditional: Yes, if a volume other than 0 AF is entered into the "Other Method Volume (AF)" column.
<b>Other Method(s) Accuracy Description</b>	Provide a description of how percent accuracy was calculated or if "Other" was selected, provide the calculated accuracy value and provide a description of how the "Other" accuracy value was calculated.	Conditional: Yes, if a volume other than 0 AF is entered into the "Other Method Volume (AF)" column.