



# Iowa Department of Natural Resources – Disadvantaged Unsewered Community Matrix

Unsewered Community Name: \_\_\_\_\_ NPDES # (if applicable): \_\_\_\_\_

### Step 1: Calculate the Ratio of the Total Annual Project Costs (TAPC) per household to the median household income (MHI) of the community, using the information submitted in the Disadvantaged Unsewered Community Analysis

TAPC (submitted by the unsewered community): \$ \_\_\_\_\_

Number of Households in the community (submitted by the unsewered community): \_\_\_\_\_

Community MHI (from recent survey or census data or submitted by the unsewered community): \$ \_\_\_\_\_

Unsewered Community MHI Source: \_\_\_\_\_

Formula: TAPC divided by the number of households in the community equals the project costs per household, and the project costs per household divided by the community MHI equals the Ratio.

$$\text{Ratio} = \frac{\text{Total Annual Project Costs : } \$ \quad / \text{ \# of households:}}{\text{Community MHI: } \$} = \quad \%$$

### Step 2: Determine Disadvantaged Unsewered Community Status and the allowed points based on the ratio of the TAPC per household to the unsewered community MHI

Calculate the allowable points using the ratio from step 1. Ratio \_\_\_\_\_ %

#### Ratio Points:

Criteria	Points
>2.0%	12
<2.0% and >1.8%	10
<1.8% and >1.6%	8
<1.6% and >1.4%	6
<1.4% and >1.2%	4
<1.2% and >1.0%	2

Points for unsewered community based on the Ratio: \_\_\_\_\_

### Step 3: Determine the allowed points based on the Community MHI as a percentile of all Iowa community MHIs

Community MHI (from recent survey or census data or as submitted by the unsewered community): \$ \_\_\_\_\_

#### Community MHI Points:

Criteria	Points
Less than or equal to 10 <sup>th</sup> percentile	5
Greater than 10 <sup>th</sup> percentile and less than or equal to 20 <sup>th</sup> percentile	4
Greater than 20 <sup>th</sup> percentile and less than or equal to 30 <sup>th</sup> percentile	3
Greater than 30 <sup>th</sup> percentile and less than or equal to 40 <sup>th</sup> percentile	2
Greater than 40 <sup>th</sup> percentile and less than or equal to 50 <sup>th</sup> percentile	1
Greater than 50 <sup>th</sup> percentile	0

Points for unsewered community based on the Community MHI: \_\_\_\_\_

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**Step 4: Determine the allowed points based on the County Unemployment Rate**

County where the community is located: \_\_\_\_\_

County Unemployment Rate, 3 mo. avg (IWIN): \_\_\_\_\_ State Unemployment Rate, 3 mo. avg (IWIN): \_\_\_\_\_

**County Unemployment Rate Points**

Criteria (County rate is...)	Greater than or Less than State rate	Points
Greater than or Equal to 20% more than State rate	County Rate > (State rate + 20%)	4
Less than 20% more than the State rate, and Greater than or Equal to 10% more than State rate	(State Rate + 19.9%) > County rate > (State rate + 10%)	3
Less than 10% more than the State rate, or Equal to the State rate	(State Rate + 9.9%) > County rate > or = State rate	2
Less than the State rate, and Greater than 10% less than the State rate	State rate > County rate > (State rate - 9.9%)	1
Greater than or equal to 10% less than State rate	County rate > (State rate - 10%)	0

Points for unsewered community based on the County Unemployment Rate: \_\_\_\_\_

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**Step 5: Add up the total points**

Ratio points (Step 2): \_\_\_\_\_

Community MHI points (Step 3): \_\_\_\_\_

County Unemployment Rate points (Step 4): \_\_\_\_\_

**DUCM Point Total:** \_\_\_\_\_

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**Step 6: Disadvantaged Unsewered Community Determination****Ratio from Step 1:** \_\_\_\_\_ %If the ratio is  $\geq 2\%$ , the unsewered community will be considered disadvantaged.If the ratio is  $< 1\%$ , the unsewered community will not be considered disadvantaged.**DUCM Point Total from Step 5:** \_\_\_\_\_If the DCM Point Total is 12 or greater (12-20), the unsewered community will be considered disadvantaged.If the DCM Point Total is 11 or less (2-11), the unsewered community will not be considered disadvantaged.**Unsewered Community Name:** \_\_\_\_\_ **NPDES # (if applicable):** \_\_\_\_\_**Is Disadvantaged**  **Is Not Disadvantaged** 

DNR Staff performing DUCM: \_\_\_\_\_ Date of DUCM: \_\_\_\_\_