

# MLIRD-Status (8/29)



**MOSES LAKE IRRIGATION AND  
REHABILITATION DISTRICT**

PO Box 98 | 932 E Wheeler Rd |  
Moses Lake, Washington 98837 |  
509-765-8716

<https://www.mlird.org/>



**Neal  
Welbourne**

Welbourne Geographic  
Services

Mr. Welbourne has 24 years of experience and leadership across: GIS, Geospatial Data, Targeting, Aerial Imagery, Photogrammetry, Advanced Automation, Media, Marketing, Technology Integration, and Advanced Analytics.

Mr. Welbourne is an expert in GIS, data intelligence, behavioral microtargeting, forensic geospatial intelligence, epidemiology and digital marketing technology. Since 2001, Mr. Welbourne has implemented and advised the production of advanced geospatial technology and software, digital marketing tools and analytics, specializing in ESRI, Alteryx, Adobe Marketing Cloud Services, Google Analytics, Site Selection, advertising, mobile marketing and more.

Advanced experience includes developing automation and analytics strategies, measurement frameworks, Data Quality and Assurance, geospatial systems, and roadmaps.

Mr. Welbourne's experience enables government agencies and private corporations to be more affective and delivery oriented, aligning to the strategic plans, measurement strategies, and the latest and greatest technology, as well as historic proven methods.

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**How did we get here:**  
Assessment Analysis

**What references did we use:**  
20+ irrigation and rehabilitation districts

**Types of examples of assessments and irrigation & rehabilitation districts:**  
All over the USA



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MLIRD operates under:

- RCW 87.03 irrigation
- RCW 87.84 rehab

Acreage Confidence: 99%

Residential/Commercial Confidence: 95%

331 Parcels Exempt

Disclaimer: This data should not be construed as legal advice or legal opinion on any specific facts or circumstances. The contents are intended for general information purposes only, and you are urged to consult your own lawyer concerning your own situation and any specific questions you may have. Infrastructure records, drawings, and other documents have been gathered over many decades, using differing standards for quality control, documentation and verification. All of the data provided represents current information in a readily available format. While the data is generally believed to be accurate, occasionally it proves to be incorrect; thus its accuracy is not warranted. Prior to making any property purchases or investments based in full or in part upon the material provided, it is specifically advised that you independently field verify the information contained in county records.

## Agenda

- Review of Information
- Review Model
- Review Model Results



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## Version 11 Assessment (26<sup>th</sup> Iteration)

### Waterfront In district

Waterfront Parcels	1,275
Waterfront Total Acres	3,357
Parcels in District	12,246
Parcels in District Acres	12,998
Parcels in District Not Waterfront	9,971
Waterfront Not in District Parcels	345

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## RCW 87.84 Rehabilitation

### • Model Description

Real Example: 13 Points\*

$$\left( \frac{13}{45,479} \right) \times \left( \$1,500,000 \right) = \$ 428.74 \text{ annual}$$

$$\left( \frac{\text{Parcel Benefits/Score/Sum}}{\text{Sum Of All Parcel Benefit Factors}} \right) \times \left( \text{Rehabilitation Budget} \right)$$

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## RCW 87.84 Rehabilitation

Each Parcel Receives  
the Aggregate of Points

- **All Lots/Parcels in District & Waterfront**

- In District All
- Waterfront Residential
- Waterfront Commercial
- Parks

1 Point  
5 Points  
20 Points  
10 Points

- Residential & Commercial Acreage

- 0-1 Add+
- 1.1-2 Add+
- 2.1-3 Add+
- 3.1-5 Add+
- 5.1-10 Add+
- 10+ Add+

1 Point  
2 Points  
3 Points  
4 Points  
5 Points  
6 Points

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## RCW 87.84 Rehabilitation

- **All Lots/Parcels in District & Not Waterfront**

- In District 1 Point
- **All Commercial Zone** 10 Points

### Residential & Commercial Acreage

- |          |      |          |
|----------|------|----------|
| • 0-1    | Add+ | 1 Point  |
| • 1.1-2  | Add+ | 2 Points |
| • 2.1-3  | Add+ | 3 Points |
| • 3.1-5  | Add+ | 4 Points |
| • 5.1-10 | Add+ | 5 Points |
| • 10+    | Add+ | 6 Points |

- **Farmland\*** 20 Points

\*if farmland=no additional acreage point(s)

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**99% confidence of parcels irrigable acres on lake and in district**

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## RCW 87.03 Irrigation

- Lakefront & Known Water Users

- Size of parcels:

- Acreage

- 0-1 (\$200)
    - 1.1-2 (\$300)
    - 2.1-3 (\$400)
    - 3.1-5 (\$500)
    - 5.1-10 (\$600)
    - 10+ (\$700)

- Using Water: Farmland, Developed - \$30 per acre
- Golf Course - \$40.00 per acre
- Undeveloped Acreage – N/C