

RECEIVED

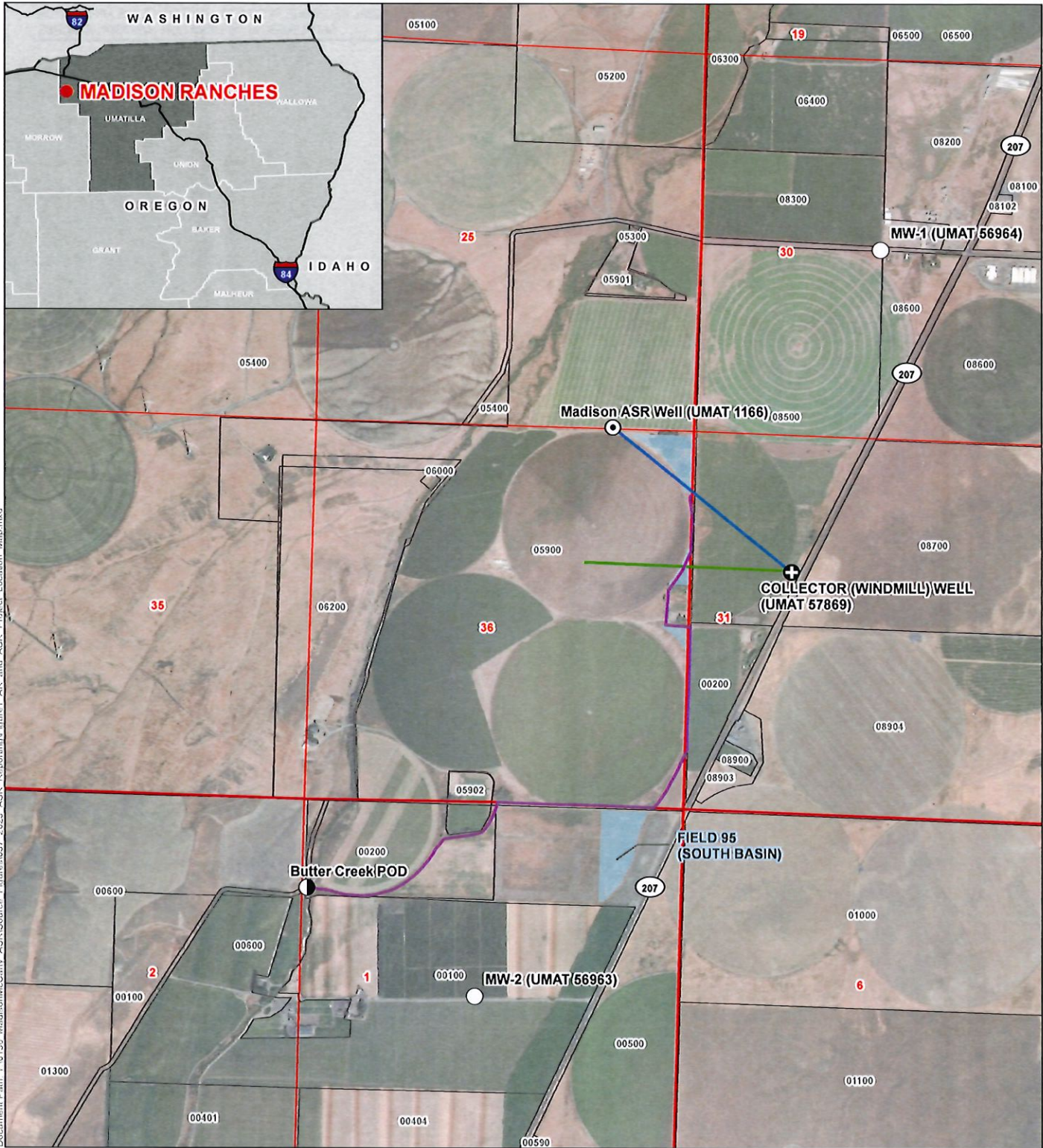
SEP 22 2023

OWRD

Figures

FIGURE 1
AR Recharge Project
Location Map
Madison Ranches

LL-1963



Document Path: Y:\0136_MadisonMcCarly_AR\ASR_Sources\Figures\037_2023_AR_Reporting\Figure1_AR_and_ASR_Project_Location_Map.mxd

LEGEND

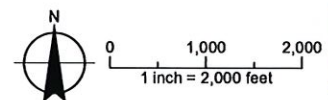
- Monitoring Well
- ⊕ Collector Well Sump
- ⊙ ASR Well
- Butter Creek POD
- Recharge Basin Cells
- Collector Well Perforated Pipeline
- Madison AR Conveyance
- ASR Source Water Conveyance
- Tax Lot

FIGURE 1
AR Recharge Project
Location Map
 Madison Ranches

RECEIVED

SEP 22 2023

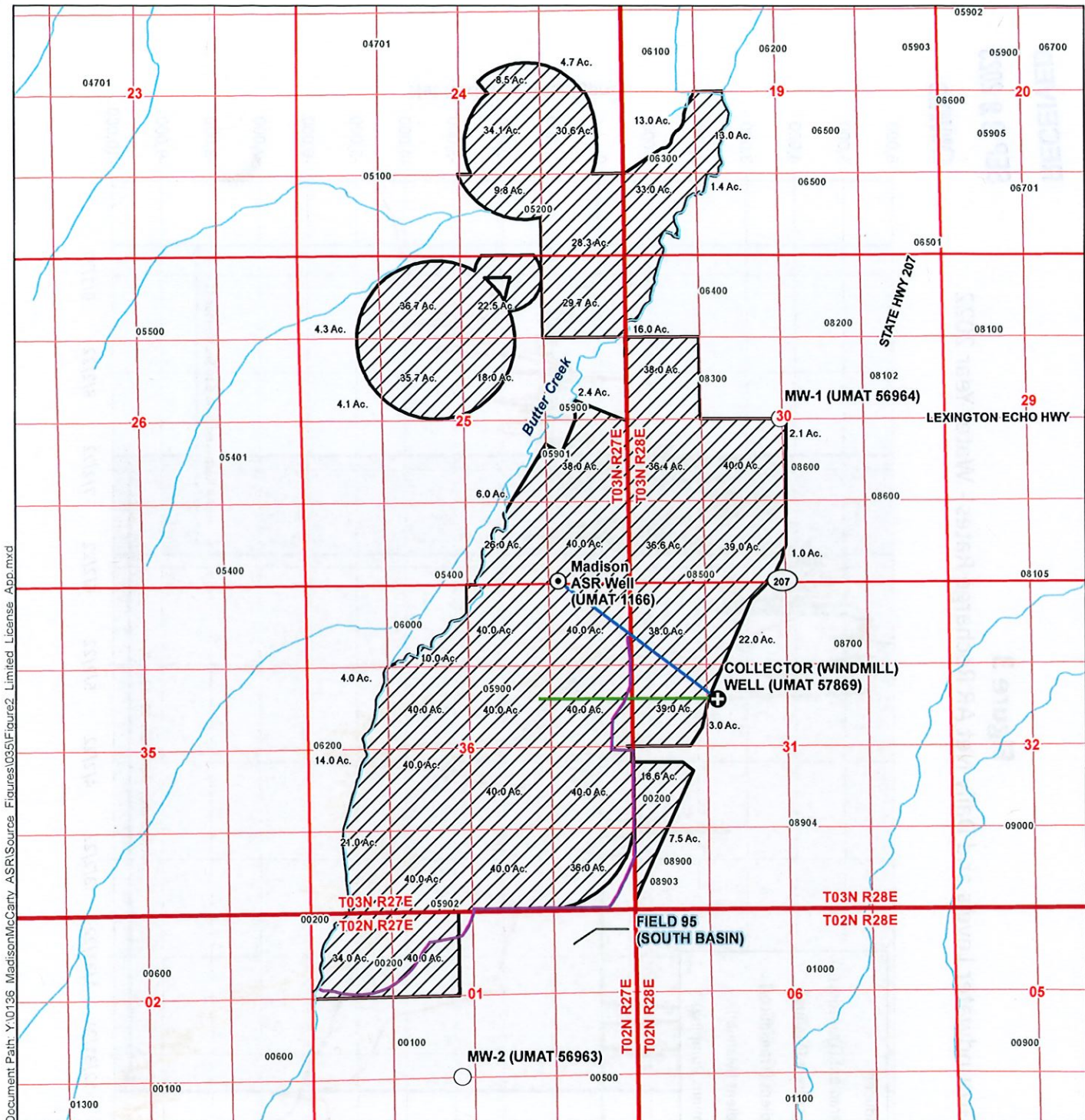
OWRD



Date: April 6, 2023
 Data Sources: BLM, ESRI, OWRD, USGS, Umatilla Co.,
 Maxar Imagery (2020)

LL-1963

039122



Document Path: Y:\0136 MadisonMcCarty_ASR\Source_Figures\035\Figure2_Limited_License_App.mxd

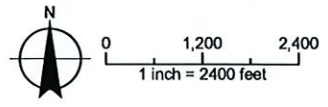
LEGEND

- Monitoring Well
- ⊕ Collector Well Sump
- Point of Appropriation (POA)
- ⊙ ASR Well
- ↔ ASR Source Water Conveyance
- ↔ Madison AR Conveyance
- ↔ Collector Well Perforated Pipeline
- ▨ Supplemental Place of Use (POU)
- ⬢ Recharge Basin Cells
- ▨ Property Owned by Applicant
- ⬢ Watercourses
- ⬢ Tax Lot

FIGURE 2
Artificial Recharge Recovery
Limited License Application Map
 Umatilla County
 Township 2 & 3 North, Range 27 & 28 East (W.M.)

DISCLAIMER
 This map was prepared for the purpose of identifying the location of a water right only and it is not intended to provide legal dimensions or location of property ownership lines.

Date: June 26, 2023
 Data Sources: BLM, ESRI, OWRD, USGS, Umatilla Co.



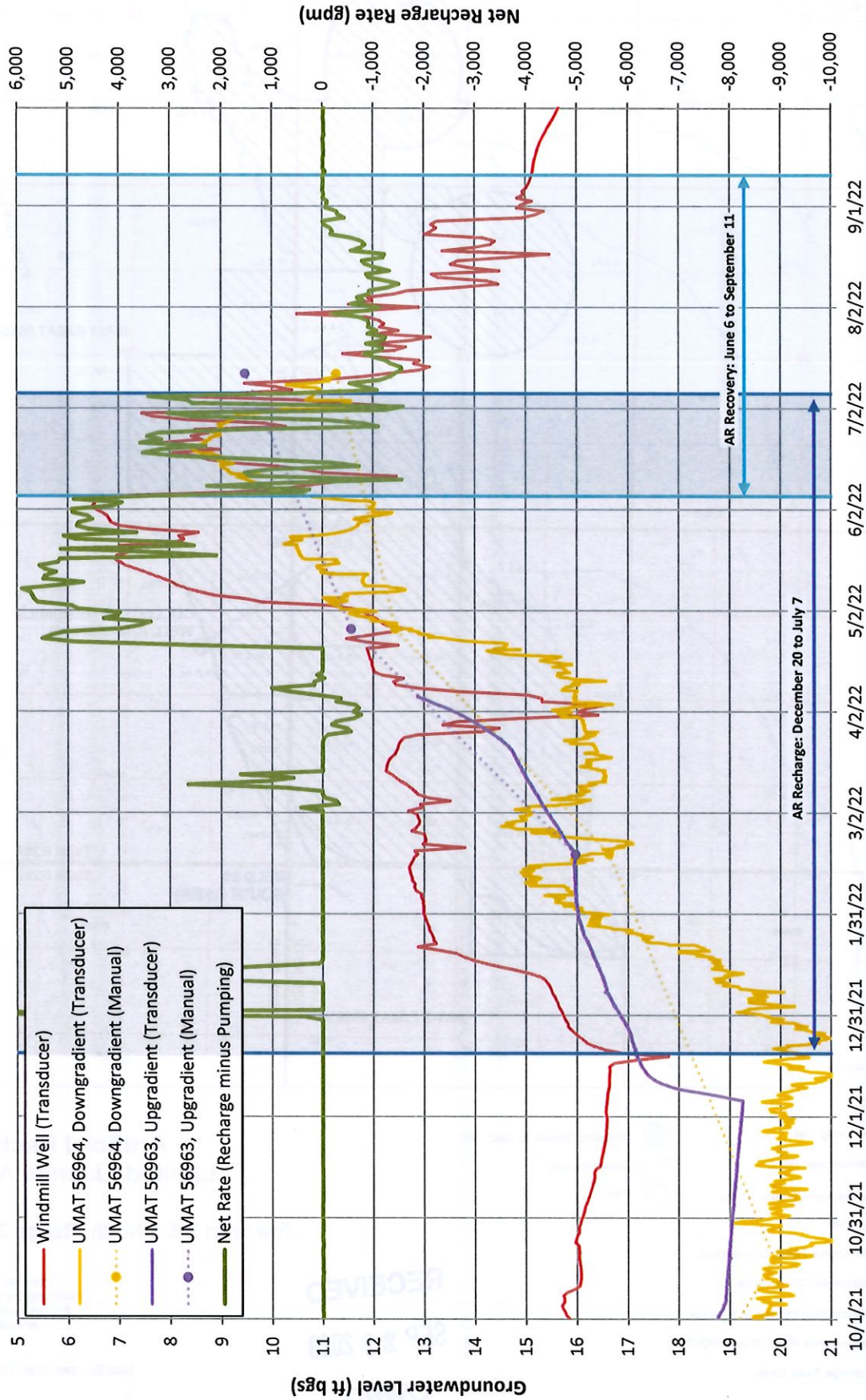
RECEIVED
 SEP 22 2023
 OWRD

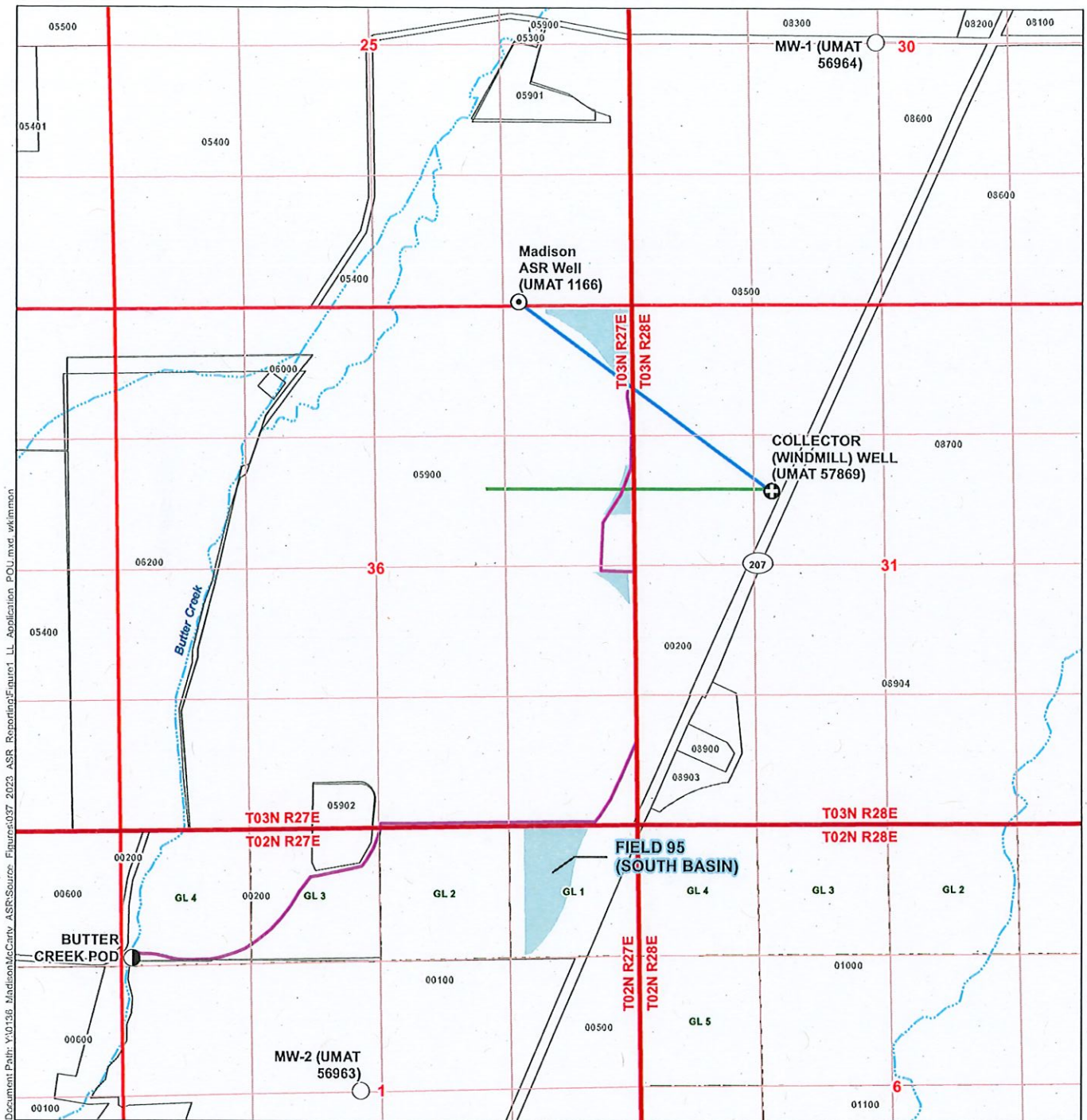
LL-1963

22-1963

RECEIVED
SEP 22 2023
OWRD

Figure 3
Groundwater Levels and Daily Net AR Recharge Rates - Water Year 2022





Document Path: Y:\0136_MadisonMcCartv ASR\Source- Figures\037_2023 ASR Reporting\Figure1_LL_Application_POU.mxd_wkmmen

LEGEND

- Existing Point of Diversion (POD)
- Monitoring Well
- Collector Well Sump
- ASR Well
- Place of Use (POU) - Existing Recharge Basin
- Collector Well Perforated Pipeline
- Madison AR Conveyance
- ASR Source Water Conveyance
- Watercourses
- Tax Lot

FIGURE 1
Limited License Application
for Artificial Recharge
 Umatilla County
 Township 2 & 3 North, Range 27 & 28 East (W.M.)

DISCLAIMER
 This map was prepared for the purpose of identifying the location of a water right only and it is not intended to provide legal dimensions or location of property ownership lines.

LOCATION DESCRIPTION
Butter Creek POD
 Located 80 feet North and 100 feet West from the NW corner of the SW NW, Section 1, Township 2 North, Range 27 East (W.M.)
Collector (Windmill) Well
 Located 1620 feet South and 1060 feet West from the North 1/4 corner of Section 31, Township 3 North, Range 28 East (W.M.)

RECEIVED
SEP 27 2023
OWRD

Date: June 22, 2023
 Data Sources: BLM, ESRI, OWRD, USGS, Umatilla Co.

0 750 1,500
 1 inch = 1,500 feet

LL-1963