



DRAFT WORK PRODUCT

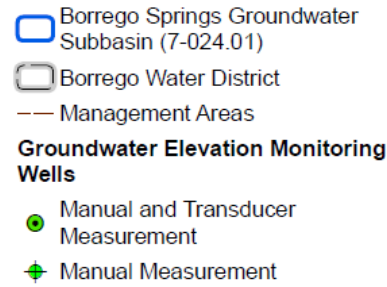


Borrego Valley Groundwater Basin Borrego Springs Subbasin Draft Fall 2017 Groundwater Monitoring Results

Borrego Valley Groundwater Basin Sustainability Plan

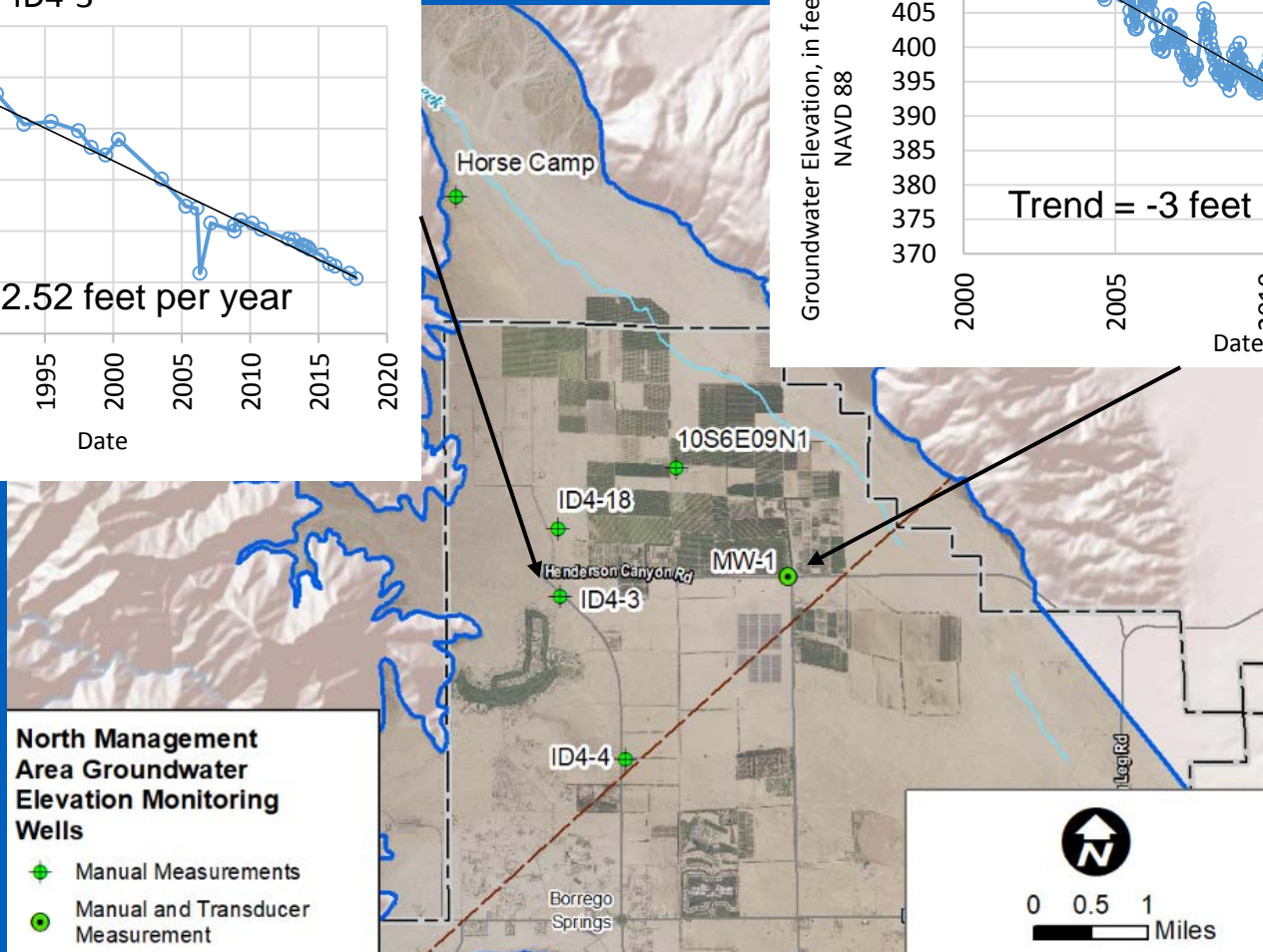
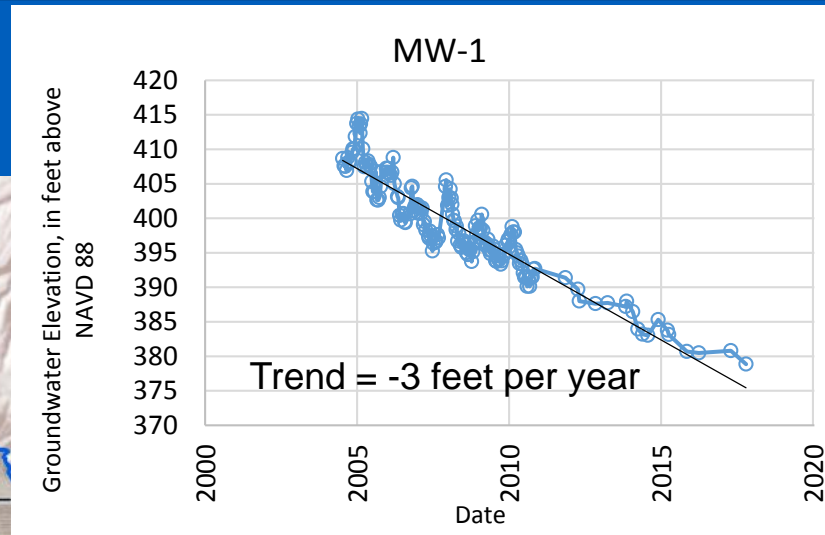
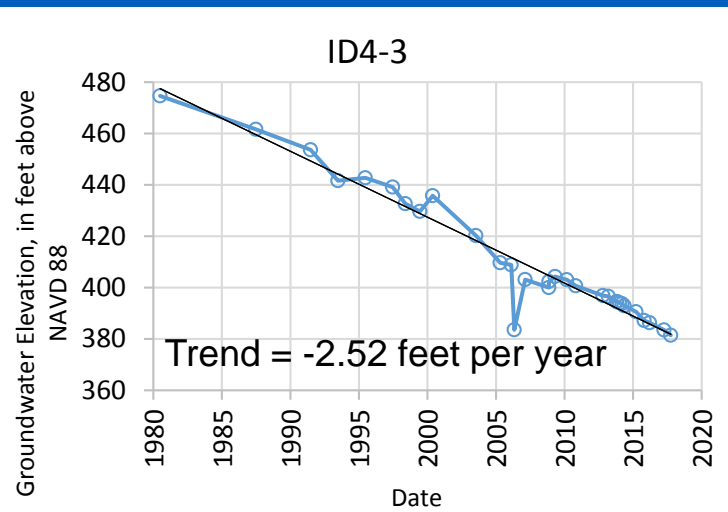
Advisory Committee Meeting

January 25, 2018

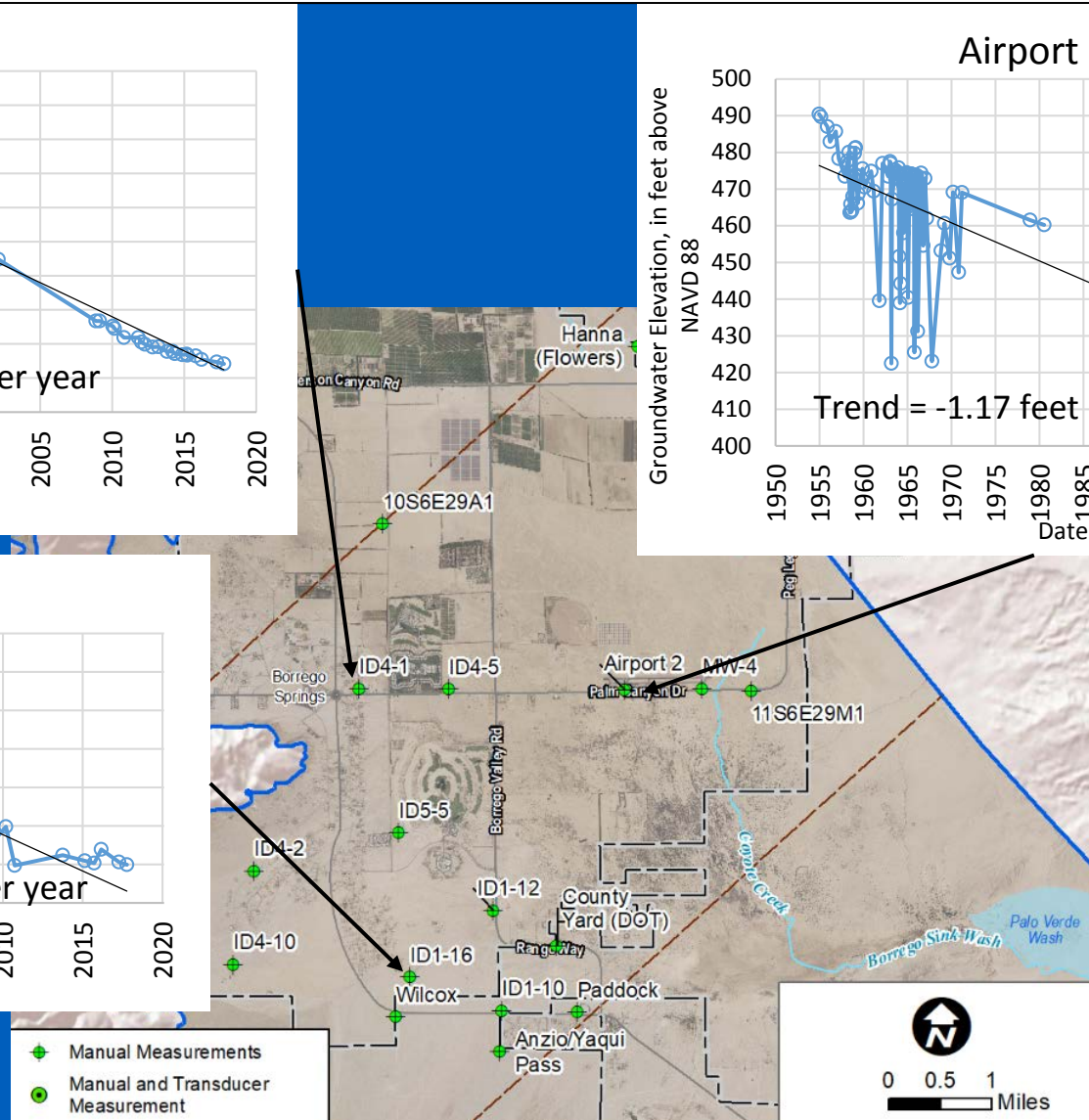
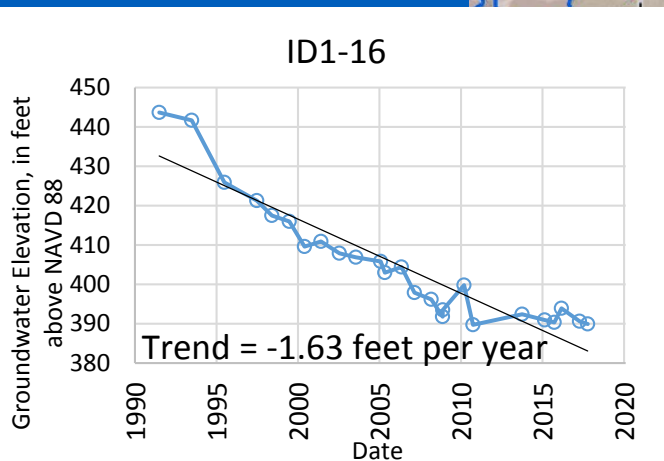
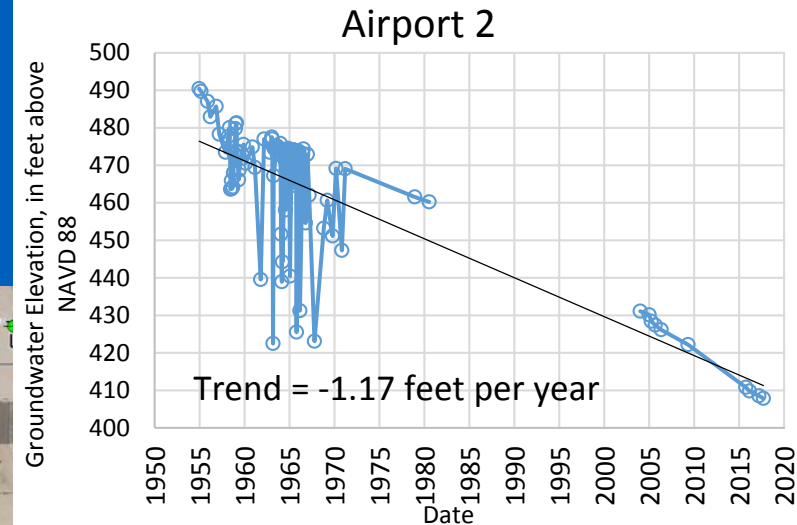
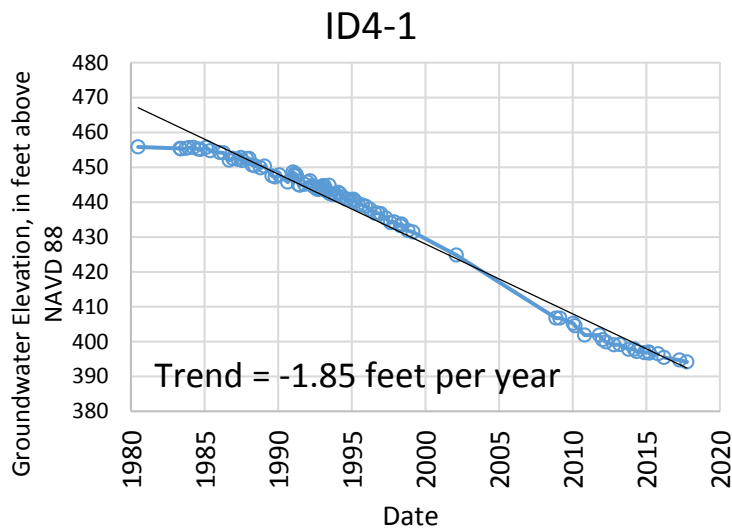


South Management Area:
14 wells

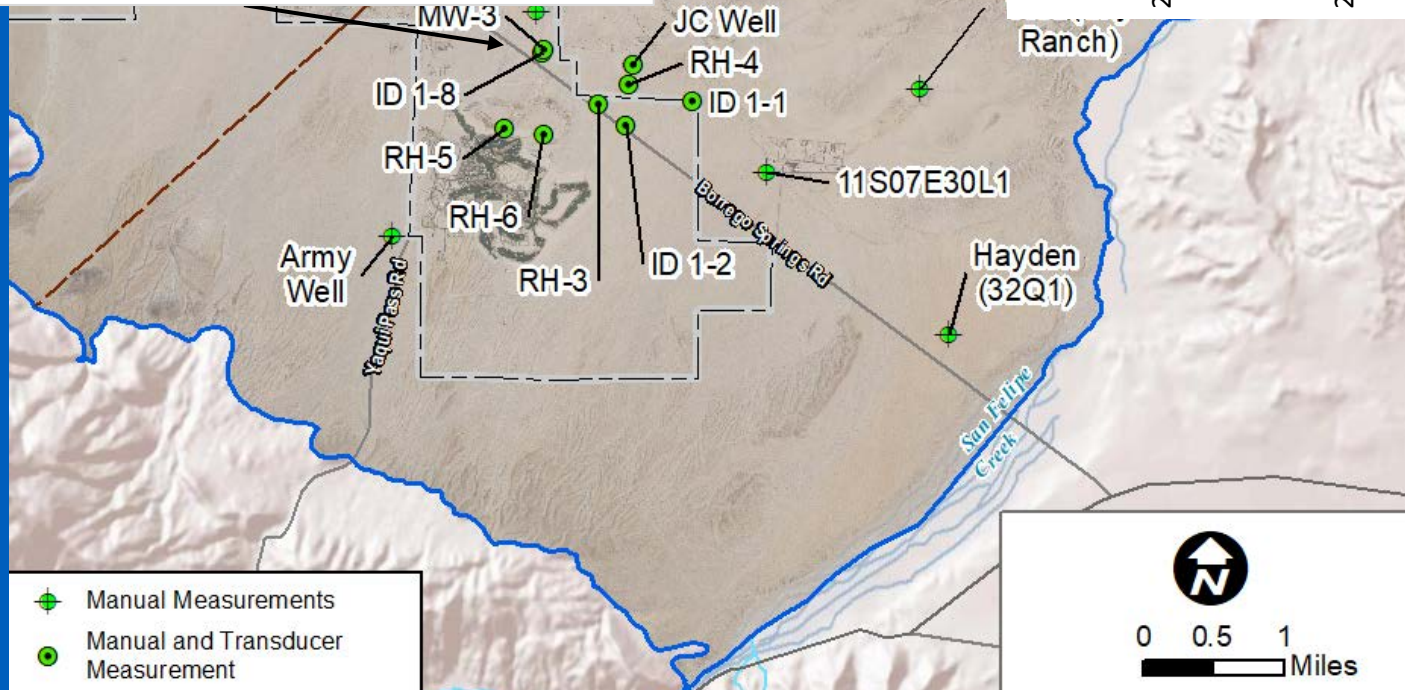
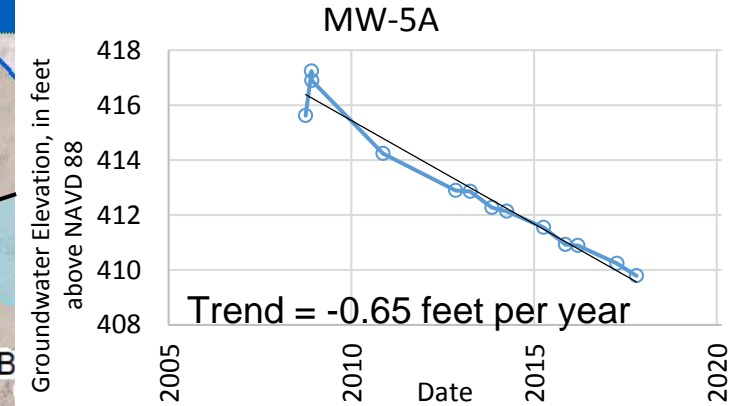
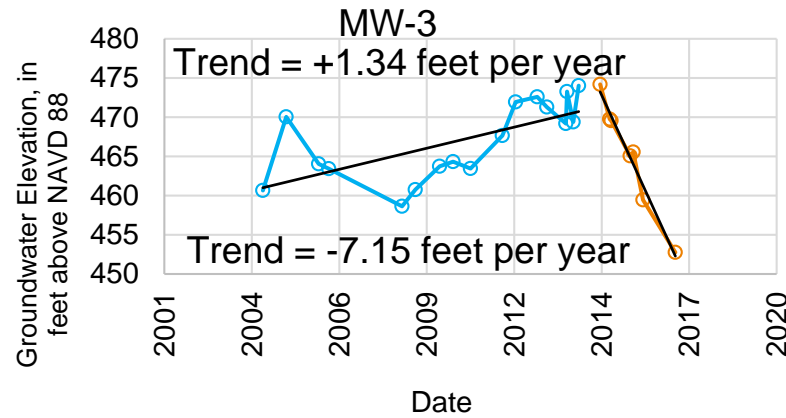
North Management Area: Groundwater Elevation

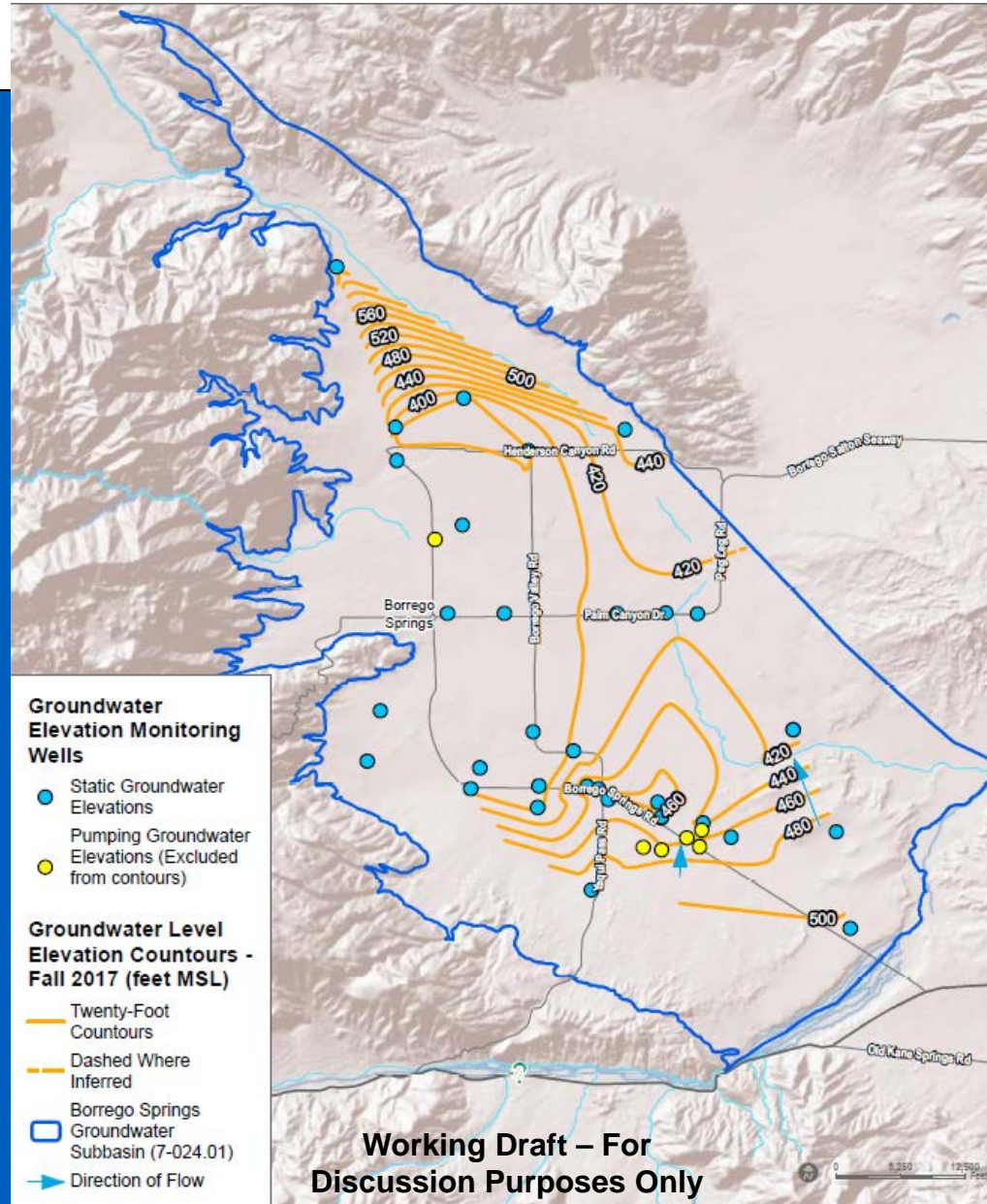


Central Management Area: Groundwater Elevation

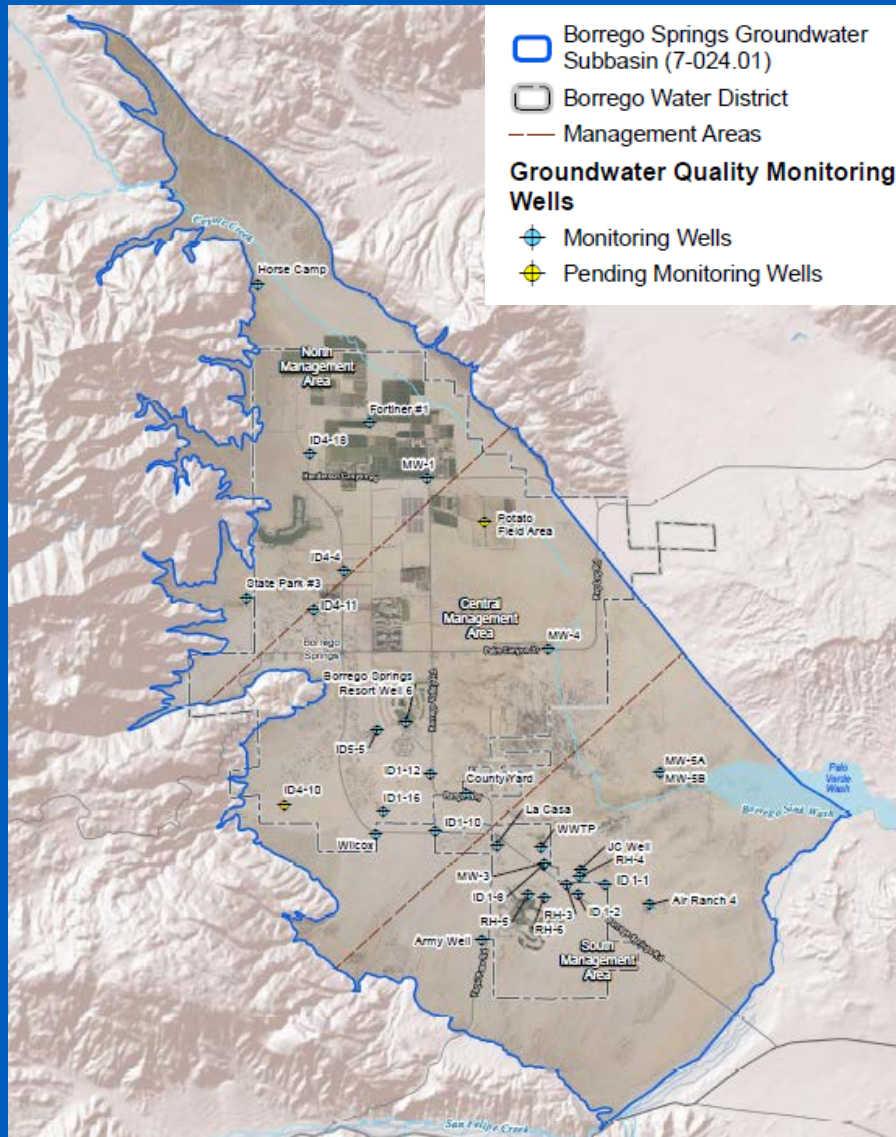


South Management Area: Groundwater Elevation





Groundwater Elevation Monitoring Network



Number of wells monitored: 30

North Management Area: 6 wells

Central Management Area: 9 wells

South Management Area: 15 wells

Monitored For:

- Arsenic
- Fluoride
- Radionuclides (gross alpha particle activity)
- Nitrate (as Nitrogen)
- Sulfate
- Total dissolved solids (TDS)

General Minerals

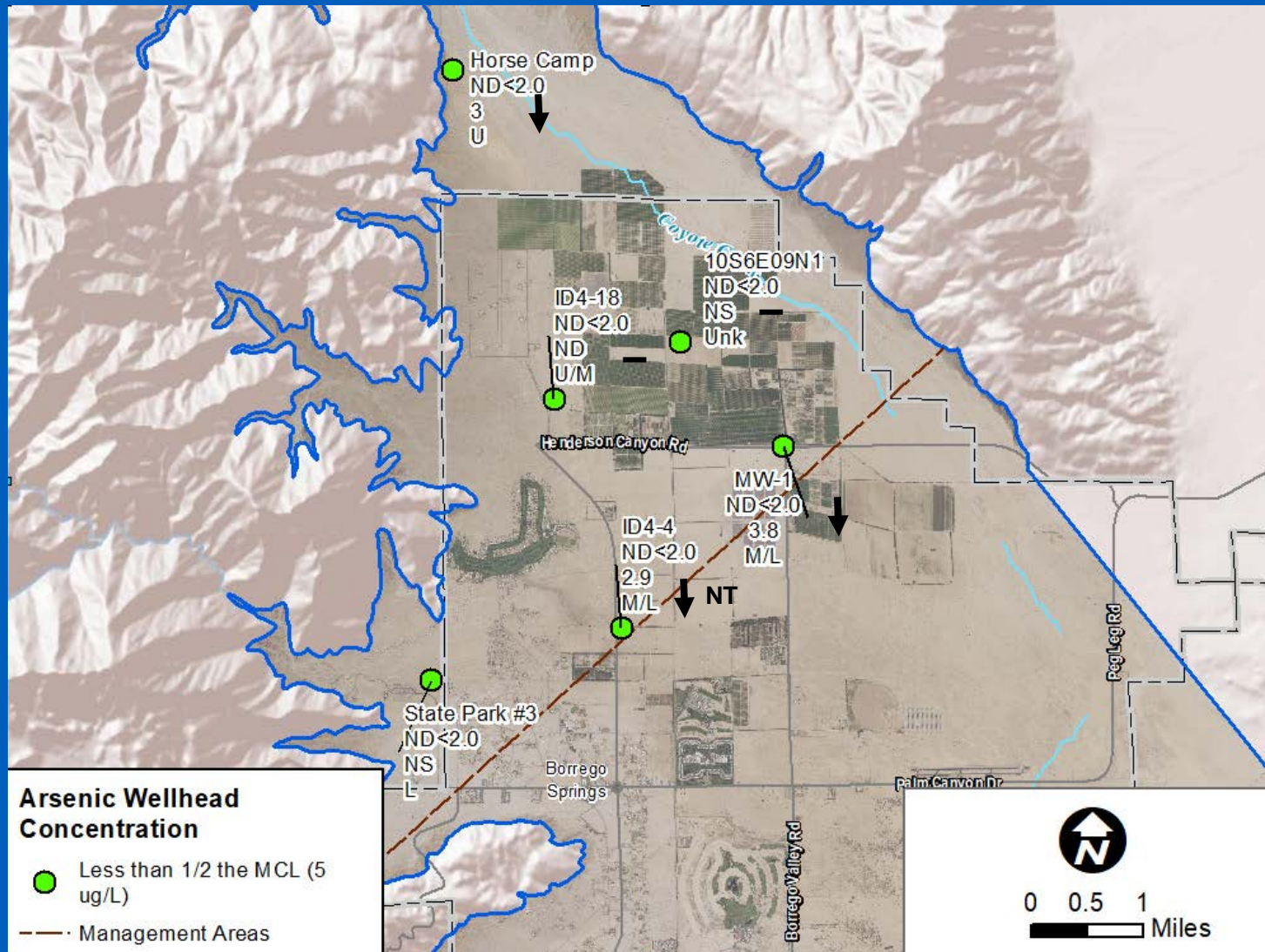
Cations

- Calcium
- Magnesium
- Potassium
- Sodium
- Total hardness

Anions

- Bicarbonate
- Carbonate
- Chloride
- Hydroxide
- Total alkalinity

North Management Area: Arsenic



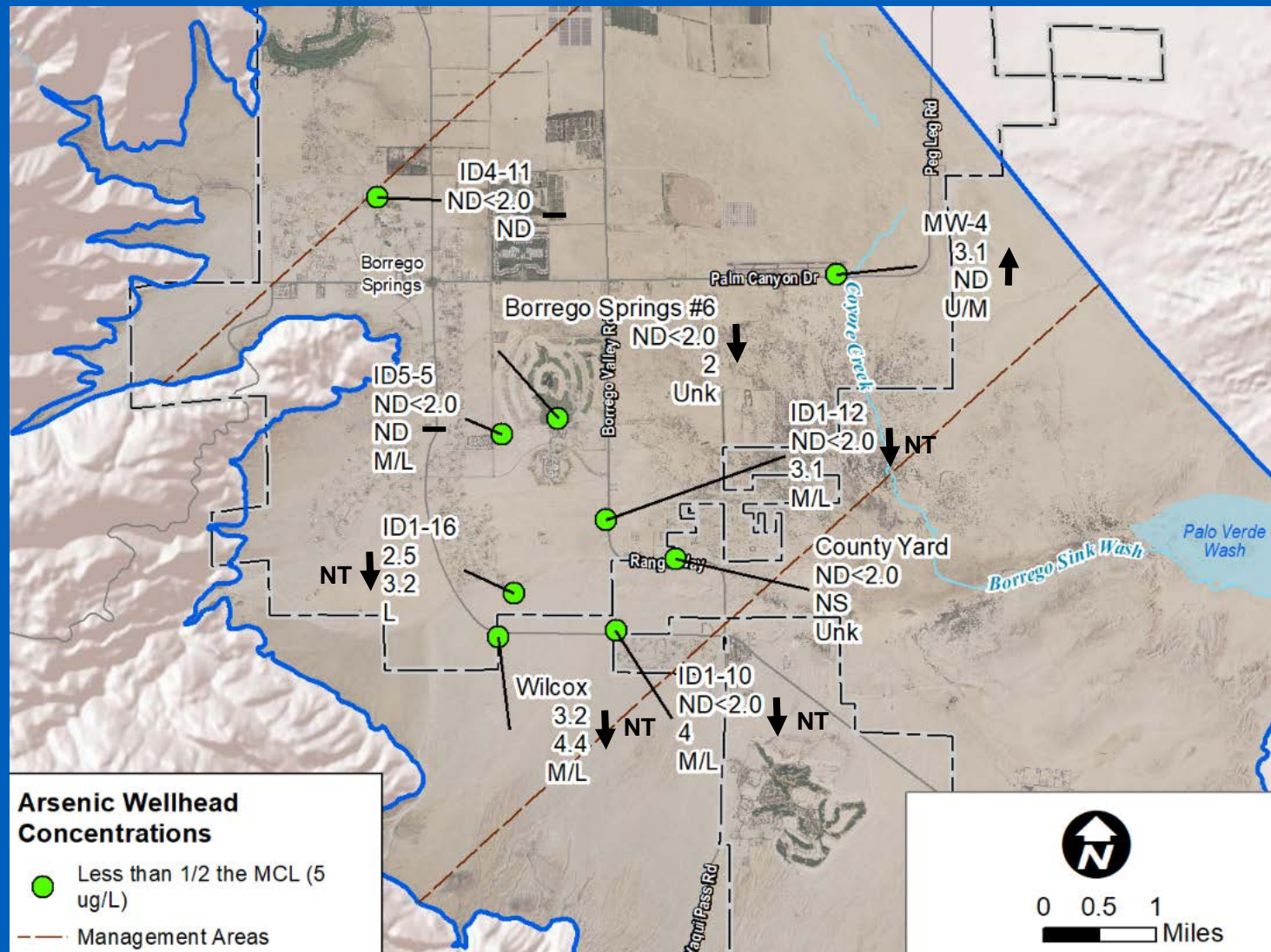
- ↓ Decrease from last sample
- ↑ Increase from last sample
- No change from last sample
- ↘ Decreasing trend
- ↗ Increasing trend
- NT No trend

ND – Non-detect
NS – No Sample

Well Screen
U – Upper Aquifer
M – Middle Aquifer
L – Lower Aquifer

DUDEK

Central Management Area: Arsenic



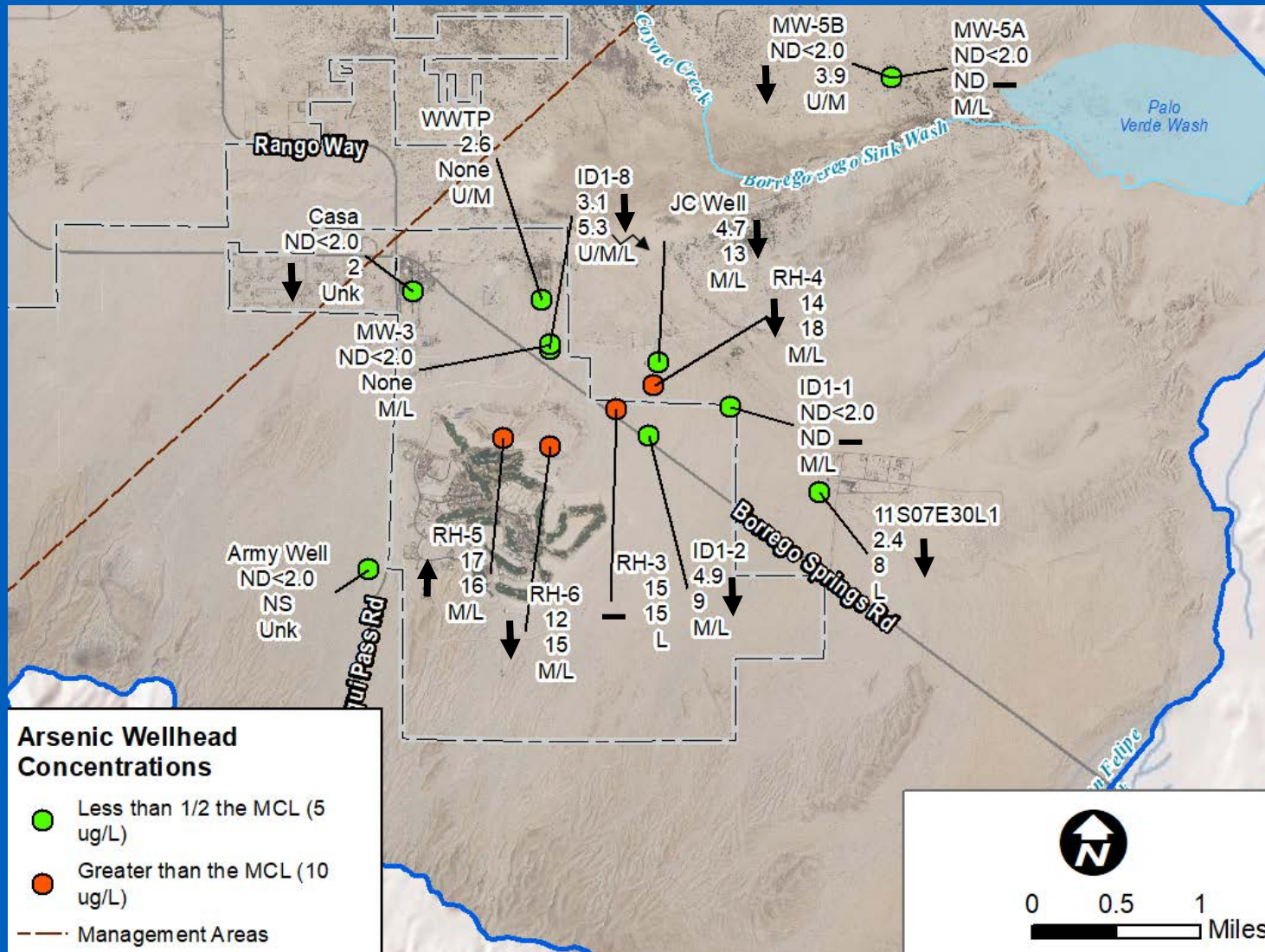
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DUDEK

South Management Area: Arsenic

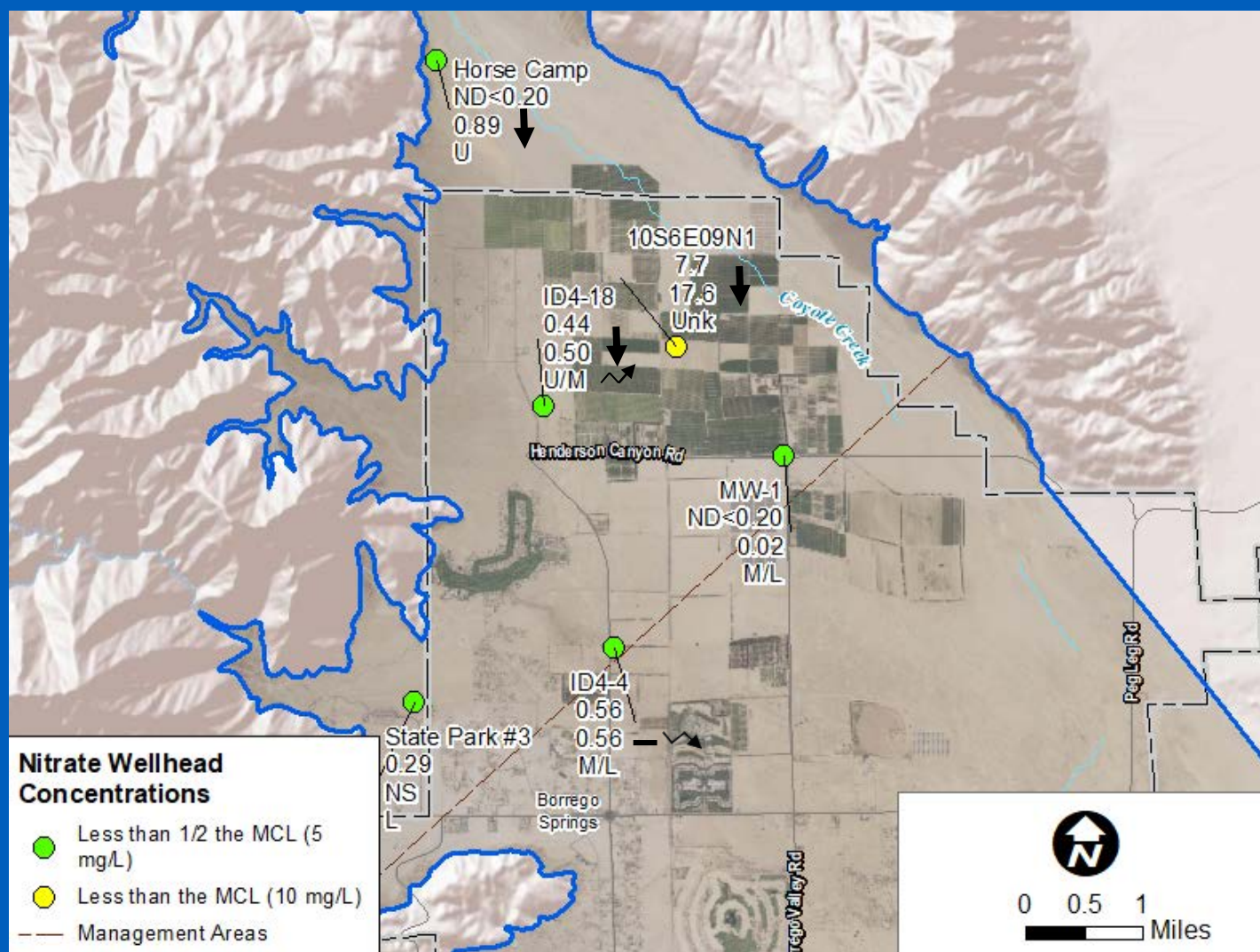


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DUDEK

North Management Area: Nitrate



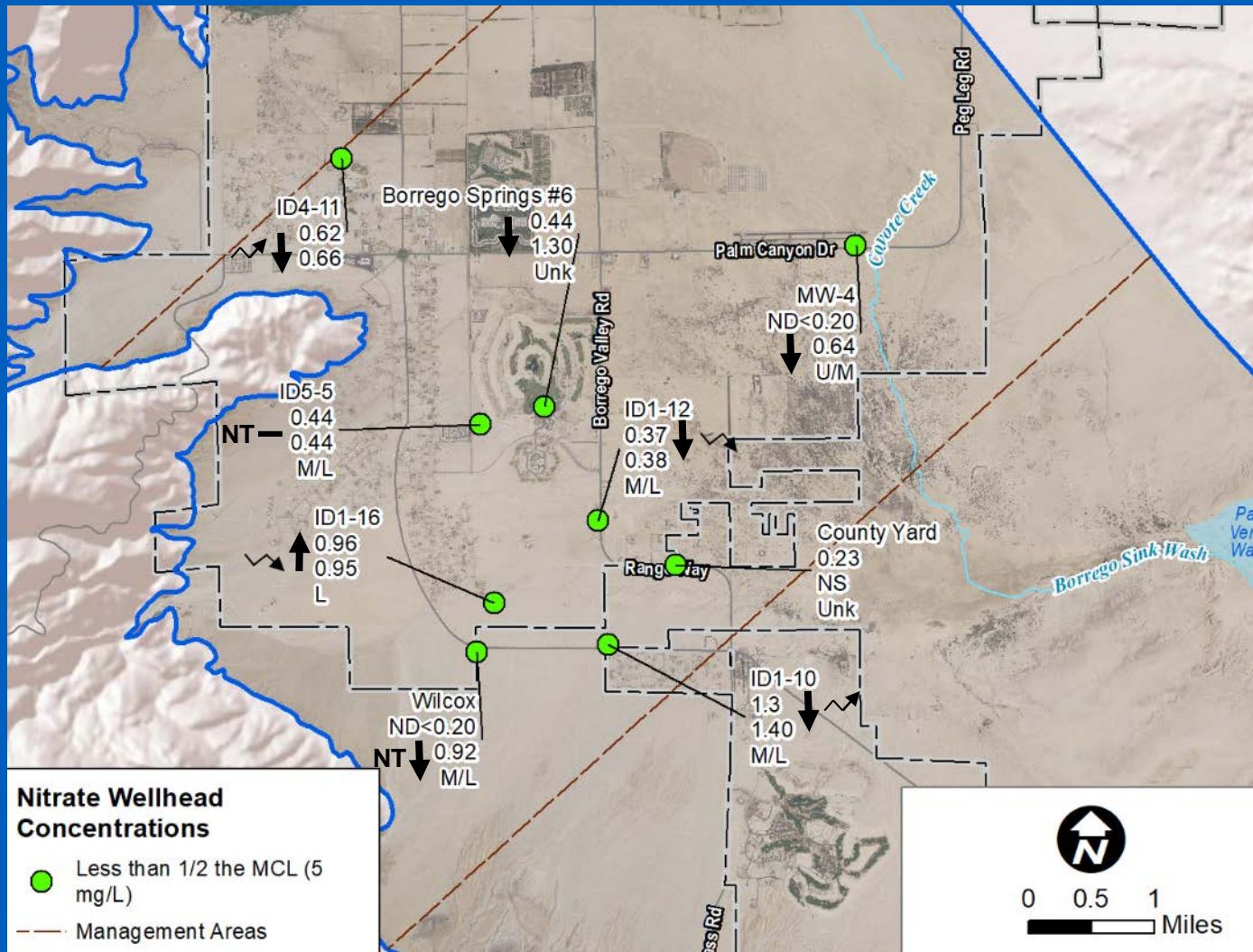
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Central Management Area: Nitrate

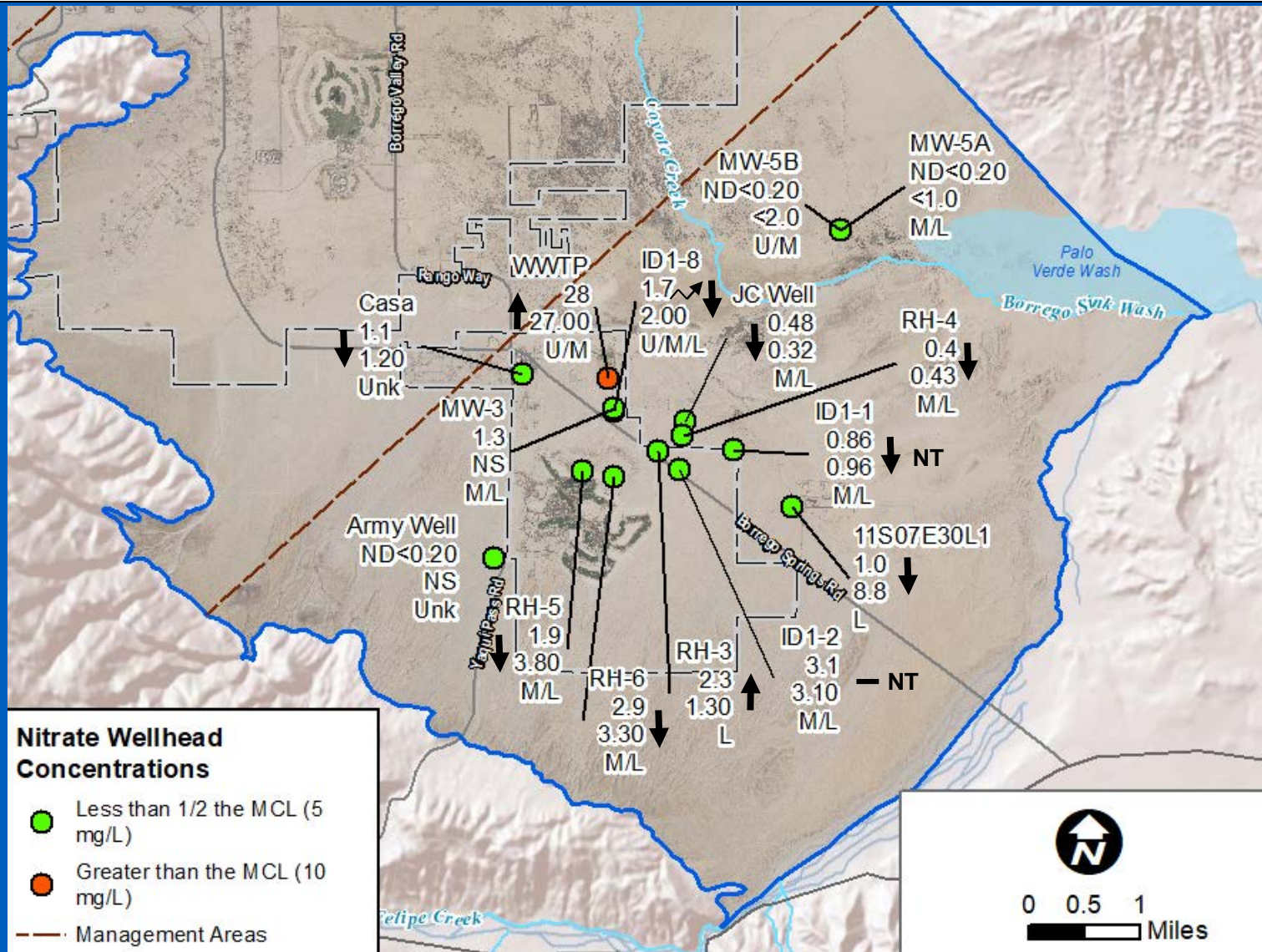


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South Management Area: Nitrate



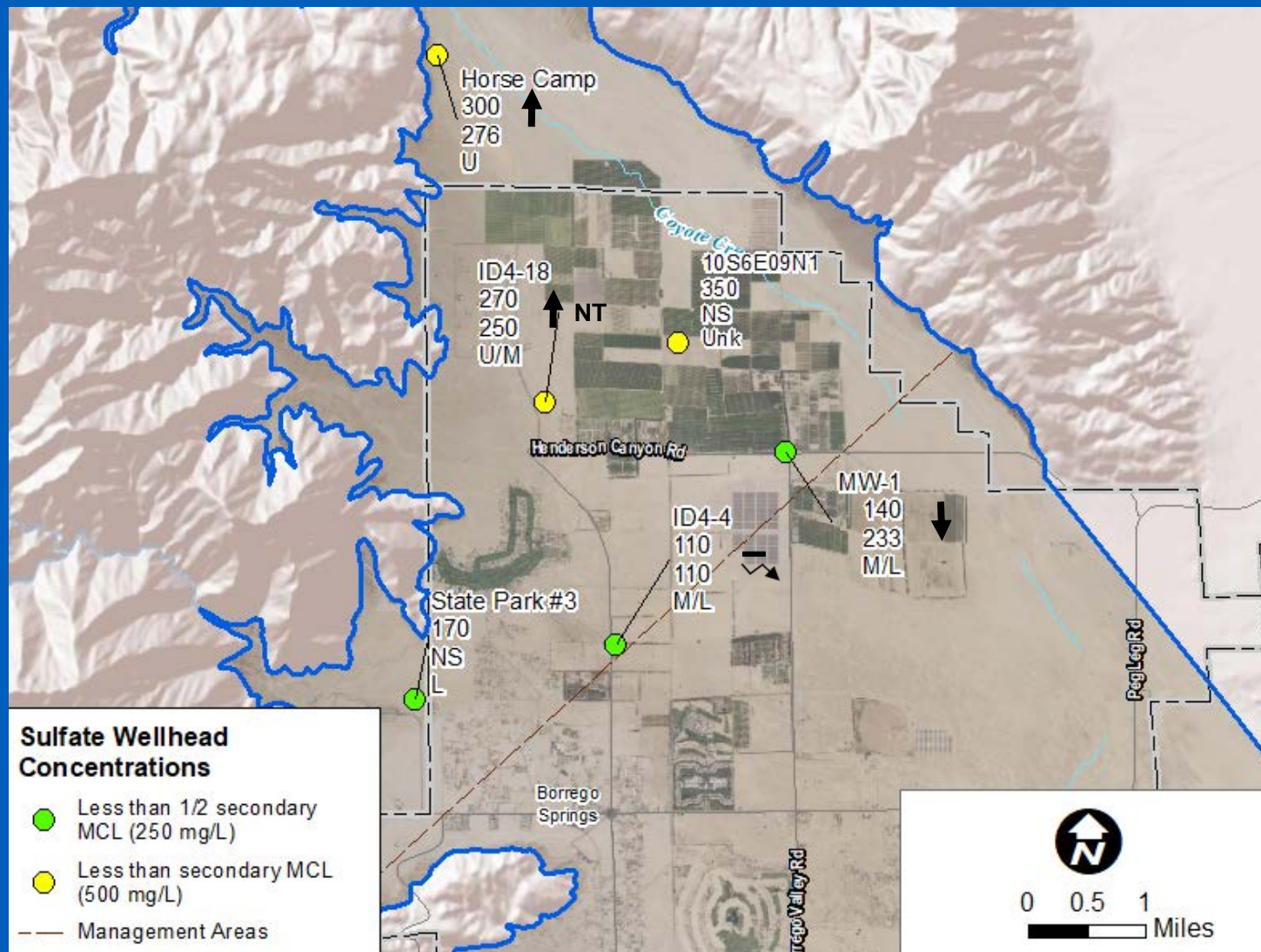
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North Management Area: Sulfate



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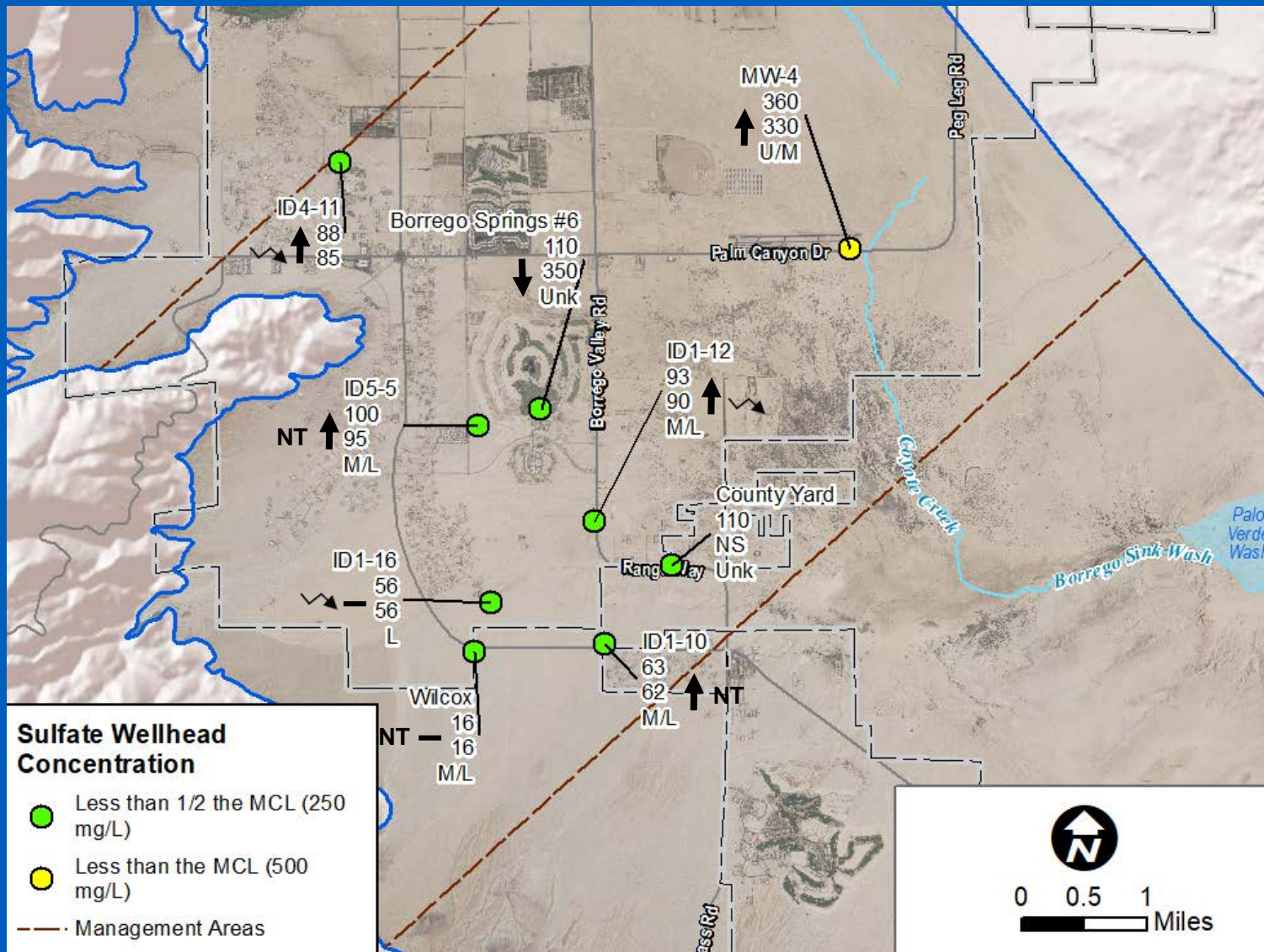
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DUDEK

Sulfate MCL is the upper limit of the secondary MCL

Central Management Area: Sulfate

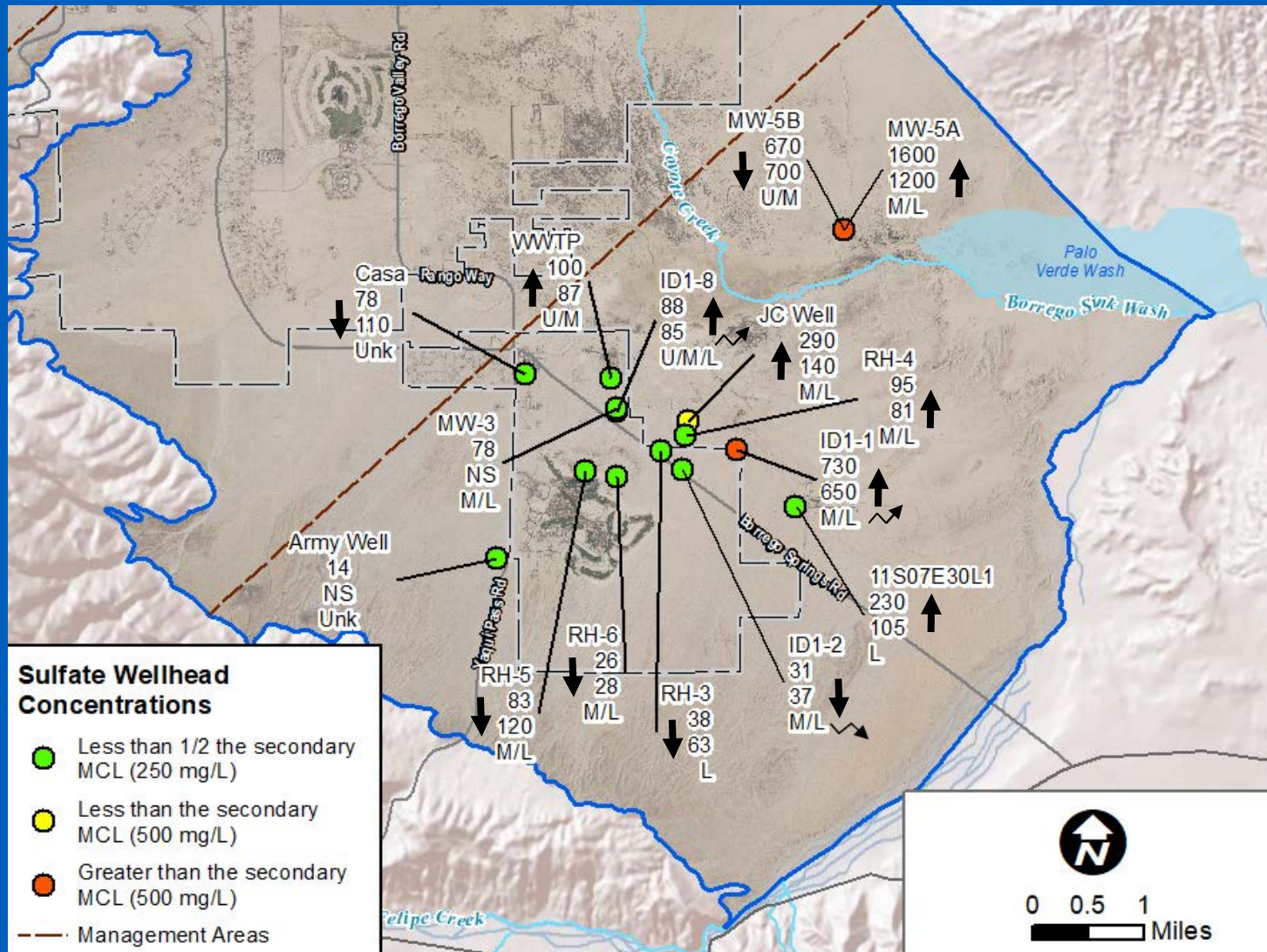


Sulfate MCL is the upper limit of the secondary MCL

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DUDEK

South Management Area: Sulfate



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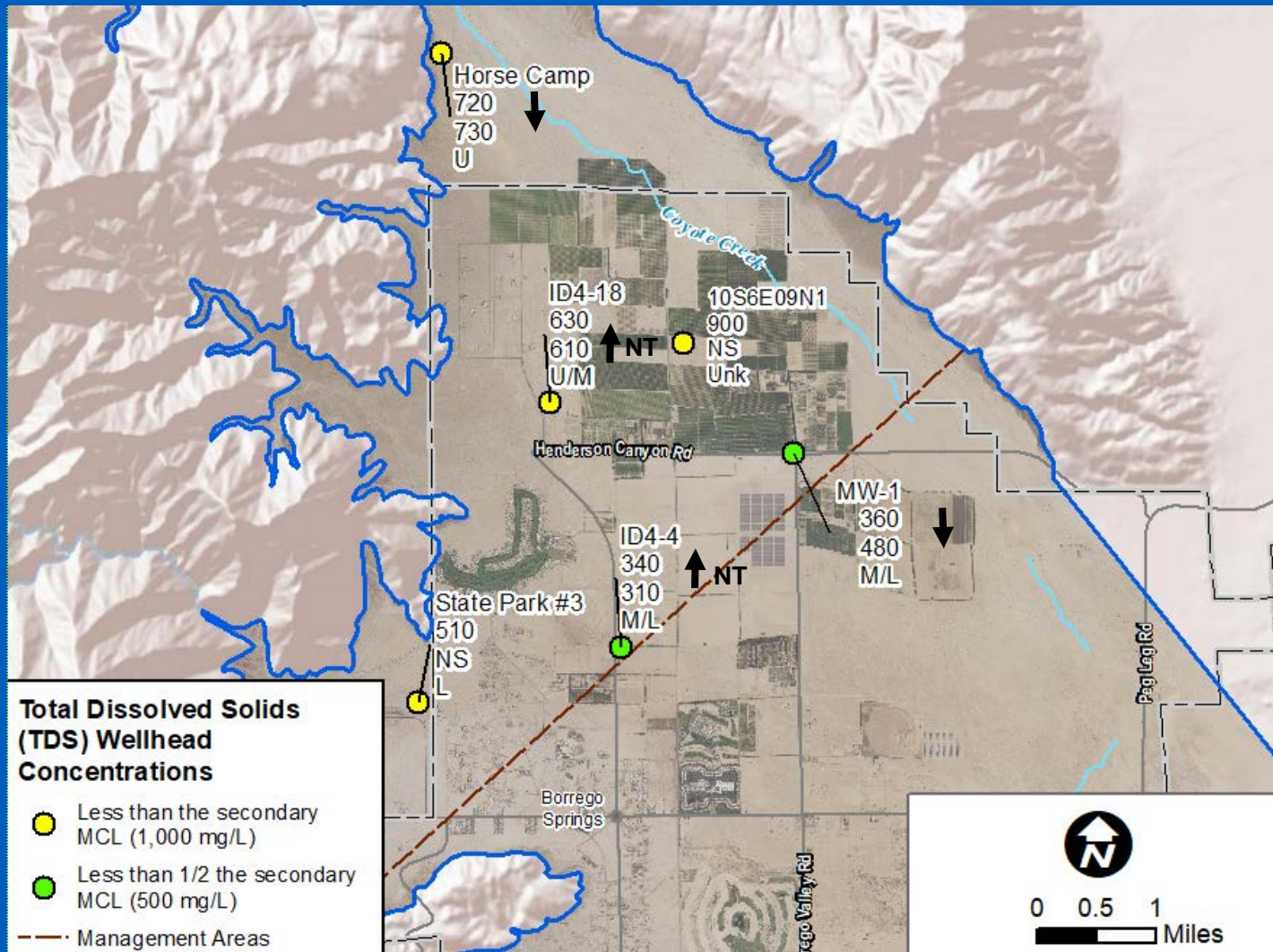
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DUDEK

Sulfate MCL is the upper limit of the secondary MCL

North Management Area: TDS

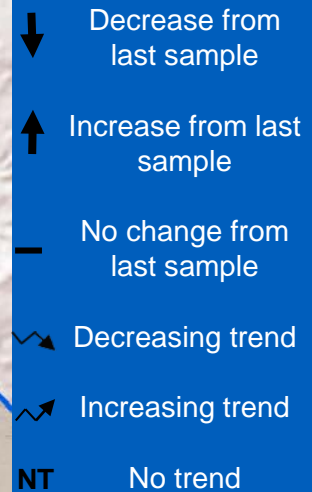


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DUDEK



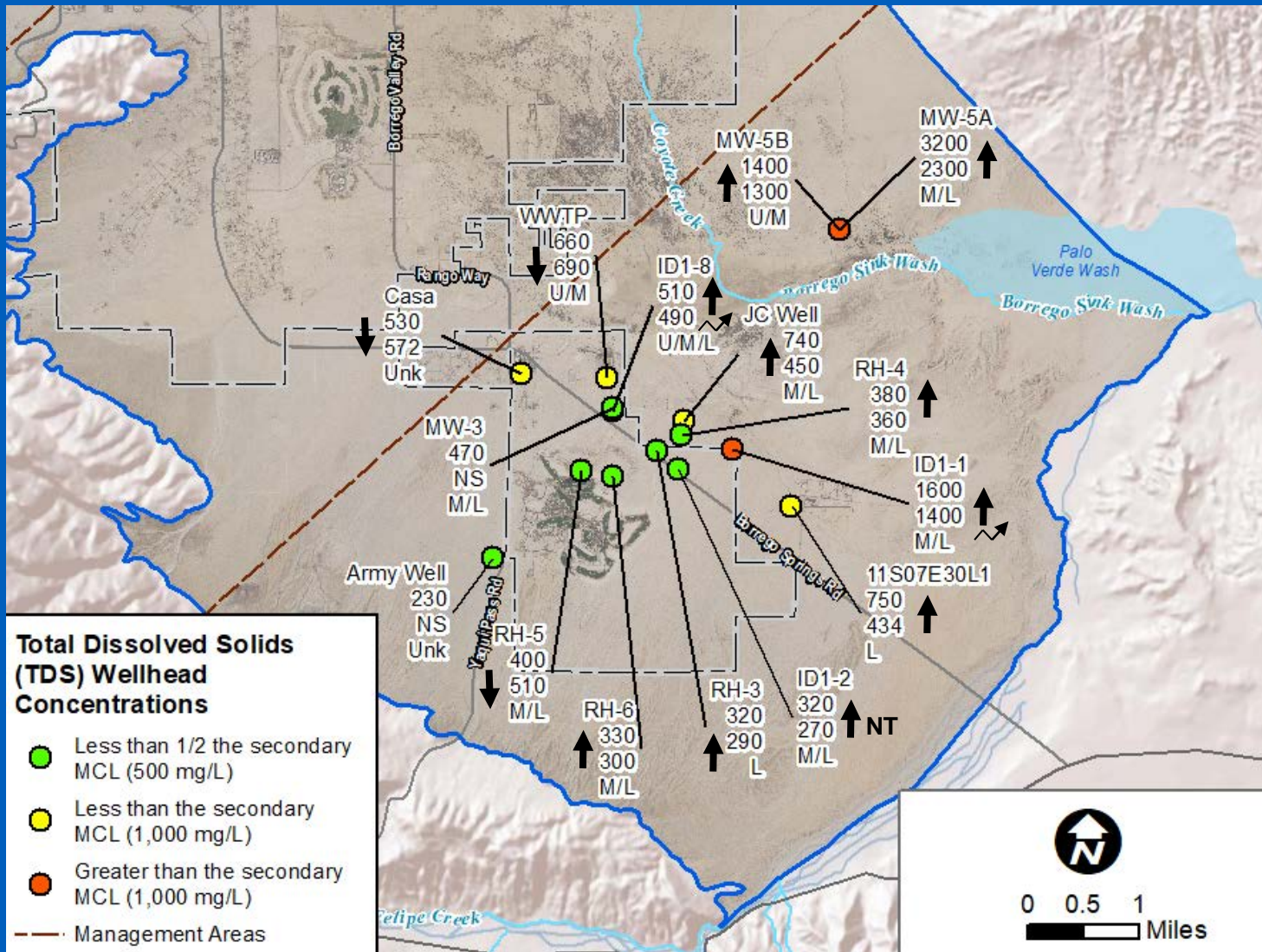
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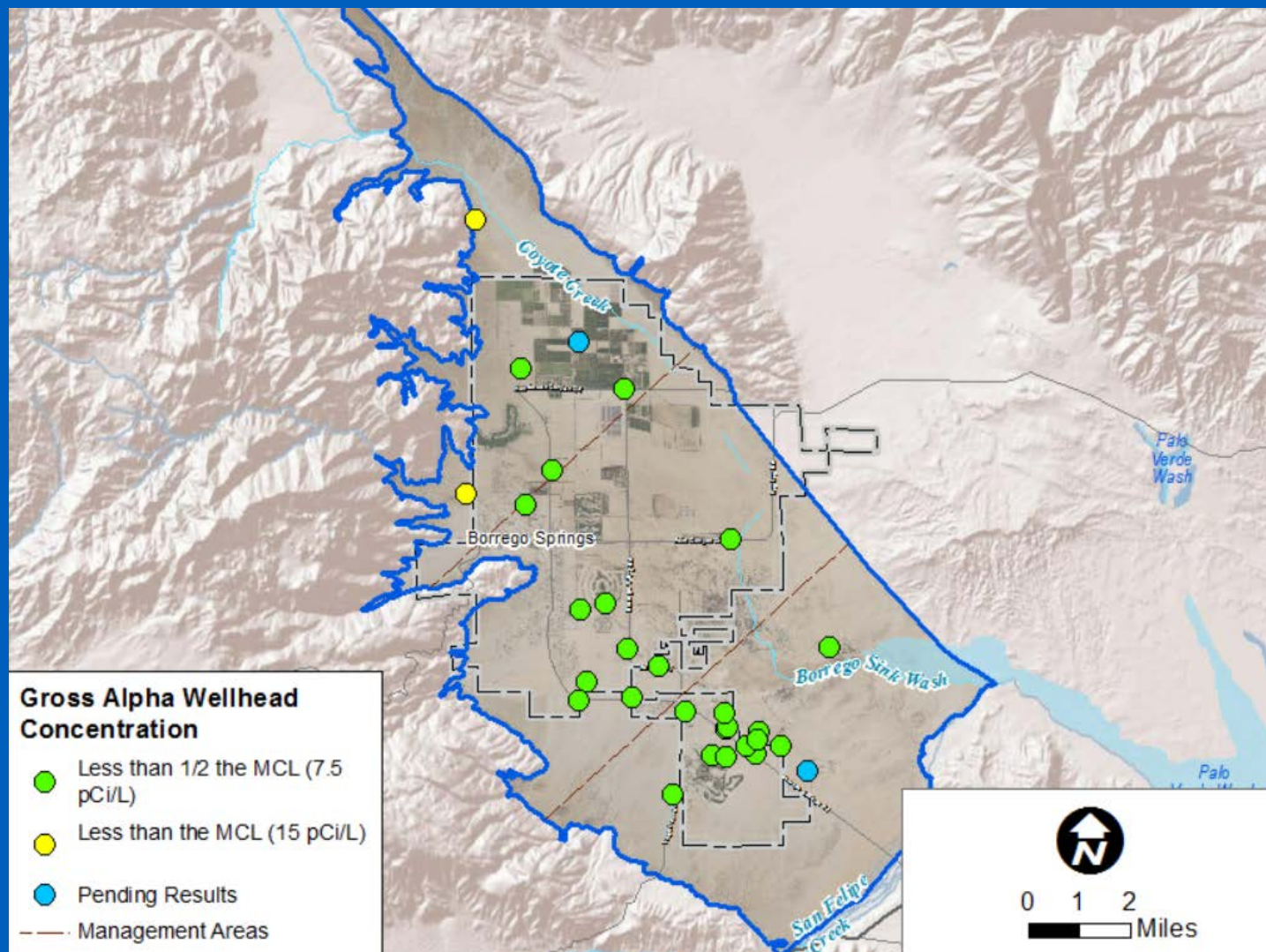
TDS MCL is the upper limit of the secondary MCL

South Management Area: TDS



TDS MCL is the upper limit of the secondary MCL

Radionuclides (Gross Alpha)



Questions and Discussion

