

Interim Reclamation Inspection



Photo 1. Photo taken from northern location, facing South. The northern region saturates the crop because contouring was not properly completed, crop growth is stunted and even killing the crop, and crop density is diminished or not growing which is not reflective of reference areas.

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Photo 2. Photo taken from northern location, facing East. The northern region saturates the crop because contouring was not properly completed, crop growth is stunted and even killing the crop, and crop density is diminished or not growing which is not reflective of reference areas.

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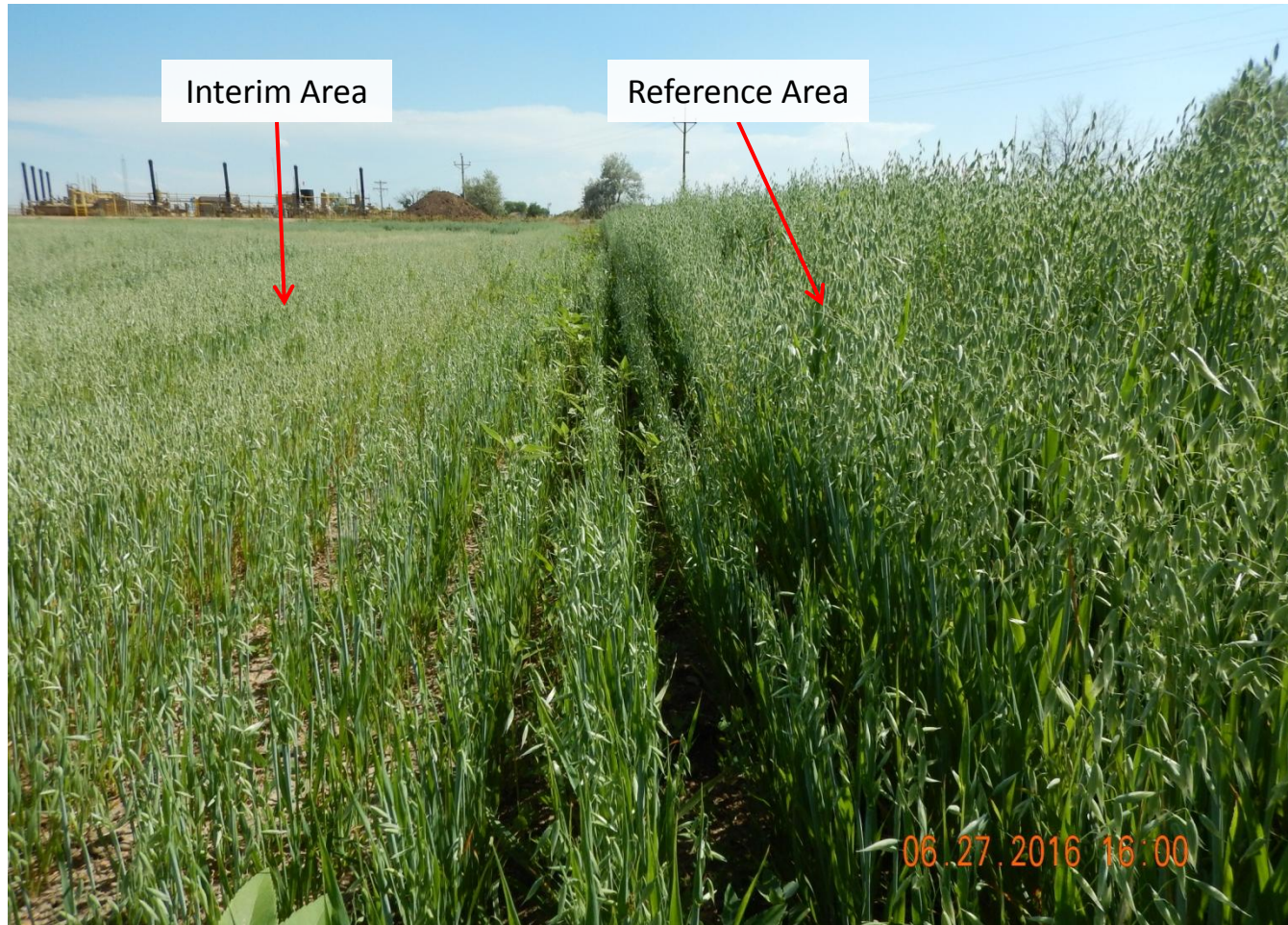


Photo 3. Photo taken from western location, facing South, illustrating discrepancy between reference and interim areas. Interim area density and height not representative of reference area.

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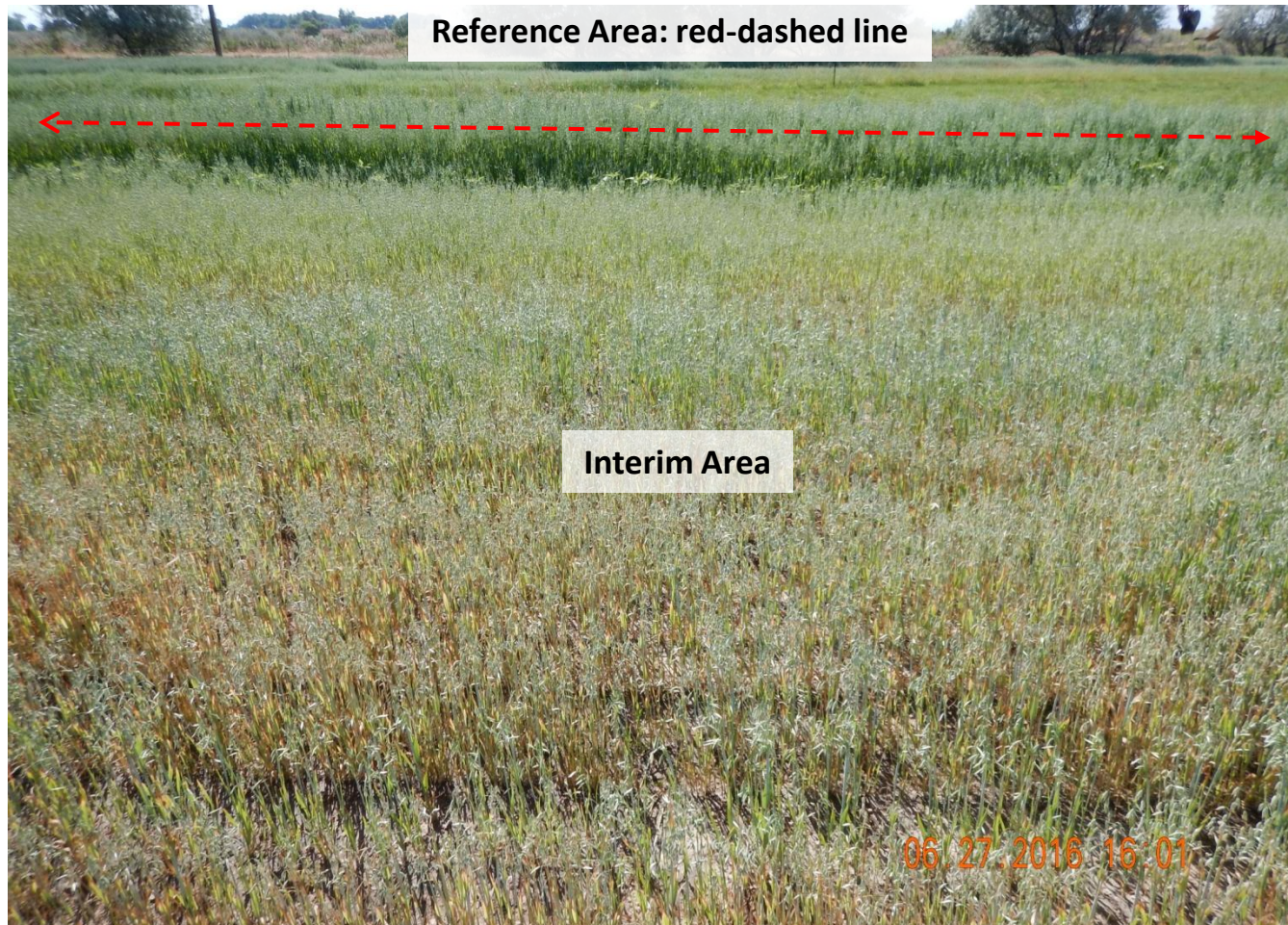


Photo 4. Photo taken from western location, facing West, illustrating discrepancy between reference and interim areas. Interim area density and height not representative of reference area.

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Photo 5. Photo taken from the previous Photo 4 western location, facing South, illustrating discrepancy between reference and interim areas. Interim area density and height not representative of reference area. Bare soil and inconsistent crop growth are apparent throughout interim areas.

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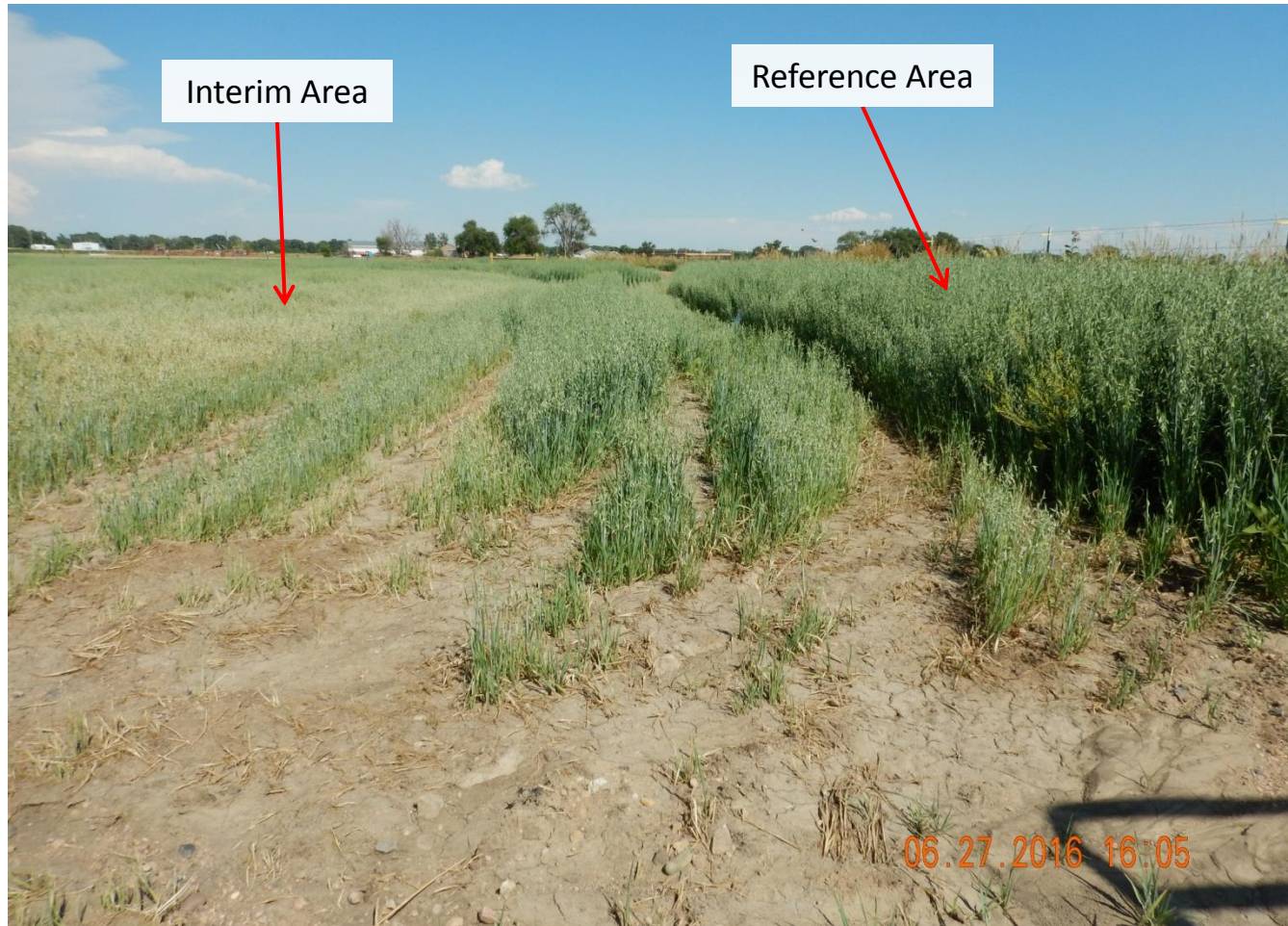


Photo 6. Photo taken from southeast location, facing East, illustrating discrepancy between reference and interim areas. Interim area density and height not representative of reference area.

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Photo 7. Photo taken 6/27/16 from Disturbance #1 cropland quadrat. Refer to datasheet for total vegetative composition.

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Photo 8. Photo taken 6/27/16 from Disturbance #2 cropland quadrat. Refer to datasheet for total vegetative composition.

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Photo 9. Photo taken 6/27/16 from Disturbance #3 cropland quadrat. Refer to datasheet for total vegetative composition.

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Photo 10. Photo taken 6/27/16 from Reference #1 cropland quadrat. Refer to datasheet for total vegetative composition.

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Photo 11. Photo taken 6/27/16 from Reference #2 cropland quadrat. Refer to datasheet for total vegetative composition.

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| Cropland Vegetation Report | | | | |
|---------------------------------------|--------------------------------|-------------------------------------|---|---|
| Date: <u>6/27/16</u> | | Inspected By: <u>Chris Binschus</u> | | Location/Operator: <u>Gee - West / 123.39171</u> |
| Crop Type <u>Sideoats</u> | | | | |
| Quadrat Size <u>1/2 m²</u> | | | | |
| Quadrats Within Disturbance | | | | |
| Quadrat number | Species/ Bare soil/Litter/Rock | Height and Density or Percent Cover | Total Density or Percent of Desirable Species | Comments |
| 1 | Sideoats | 15" | 164 | |
| | | 57+50+57=164 | | |
| | | | | |
| 2 | | 11" | 122 | |
| | | 52+54+36=122 | | |
| | | | | |
| 3 | | 19" | 118 | |
| | | 19+33+66=118 | | |
| | | | | |
| Average | | | 134.6 = Density | 15" = Height |
| Quadrats Outside of Disturbance | | | | |
| 4 | | 34" | 189 | |
| | | 60+87+42=189 | | |
| | | | | |
| 5 | | 38" | 244 | |
| | | 131+113=244 | | |
| | | | | |
| Average | | | 216.5 = Density | 36" = Height |
| 80 percent of reference? | | | 62% | 134.6/216.5 = 62% density 15"/36" = 42% height |

Photo 12. Photo taken of cropland datasheet used to evaluate the western Gee interim reclamation area.