

Interim Reclamation Inspection

April 12, 2017

Operator: CRESTONE PEAK RESOURCES OPERATING LLC- # 10633

Location ID: 336360

Boulder County, CO

SESW Section 12 T1N R69W

Chris Binschus
Reclamation Specialist, COGCC



COLORADO
Oil & Gas Conservation
Commission

Department of Natural Resources

Inspection Photos
Location Name: ALLAN H UNIT
Location ID: 336360



Photo 1. Photo taken from the eastern location, facing North. Little, to no, germination of grass species observed along the eastern interim area. Appears weed management is being conducted to control a Rumex species, likely Curly dock.



Photo 2. Photo taken from the eastern location, facing South. Little, to no, germination of grass species observed along the eastern interim area.

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Photo 3. Photo taken from the southeast location, facing West. Little, to no, germination of grass species observed along the southeastern interim area.



Photo 4. Photo taken from the southeastern location, facing West. A patch of germinating grass species observed but confined to a relatively small area.

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Photo 5. Photo taken from the northern location, facing West. Germination of grass species evident along the northern perimeter but still sparse growth that is not uniform.



Photo 6. Photo taken from the northern location, facing Southwest. Germination of grass species evident along the northern perimeter but a notable difference in germination of grass species where field bindweed was previously growing and sprayed with a herbicide.

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Photo 7. Photo taken from the northern location, facing South. Little, to no, germination of grass species observed along this interim area.



Photo 8. Photo taken from the southern location just south of the wells, facing South. A patch of germinating grass species observed.

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Photo 9. Photo taken from the southern location just south of the battery, facing South. Little, to no, germination of grass species observed along this interim area.



Photo 10. Photo taken from the southern location just south of the battery, facing North. Little, to no, germination of grass species observed along this interim area.

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Photo 11. Photo taken from the southern location, facing West. Little, to no, germination of grass species observed along this interim area.



Photo 12. Photo taken from the western location, facing West. Little, to sparse, germination of grass species observed along this interim area.

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Photo 13. Photo taken from the western location, facing North. Germination of grass species evident along the western perimeter but still sparse growth that is not uniform.



Photo 14. Photo taken from the western location, facing East. Little, to no, germination of grass species observed along this interim area.

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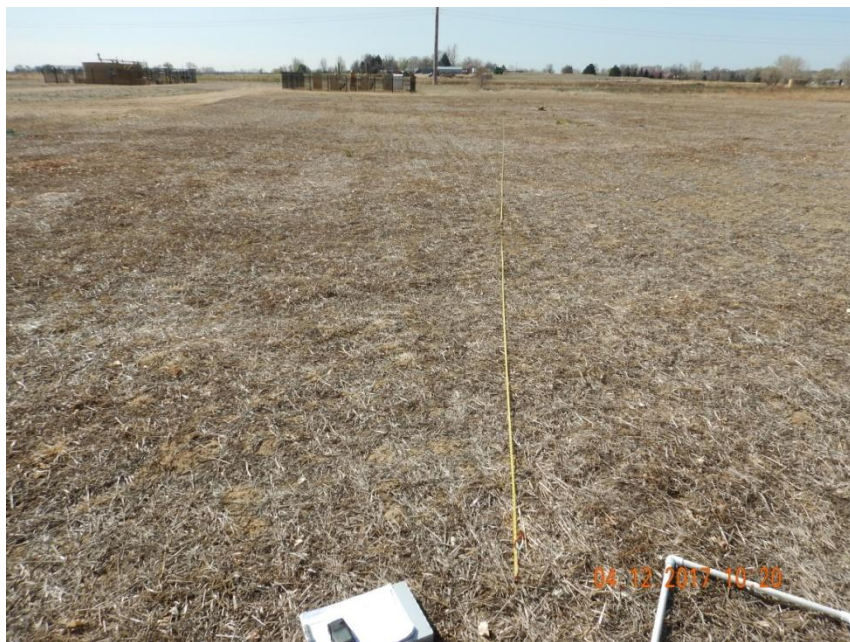


Photo 15. Photo taken from the start of transect Location #1: 40.06024, -105.06689 @180° from the north, facing South. A total of zero (0) grass species were detected during the assessment along this transect.



Photo 16. Photo taken from the end of transect Location #1 from the south, facing North. Again, a total of zero (0) grass species were detected during the assessment along this transect.

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Photo 17. Photo taken from the start of transect Location #2: 40.06031, -105.06626 @250° from the east, facing West. A total of three (3) grass species were detected during the assessment along this transect.



Photo 18. Photo taken from the end of transect Location #2 from the west, facing East. Again, a total of three (3) grass species were detected during the assessment along this transect.

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Photo 19. Photo taken from the start of transect Location #3: 40.06023, -105.06581 @145° from the north, facing South. A total of nine (9) grass species were detected during the assessment along this transect. A small patch of field bindweed was observed at the start of the transect.



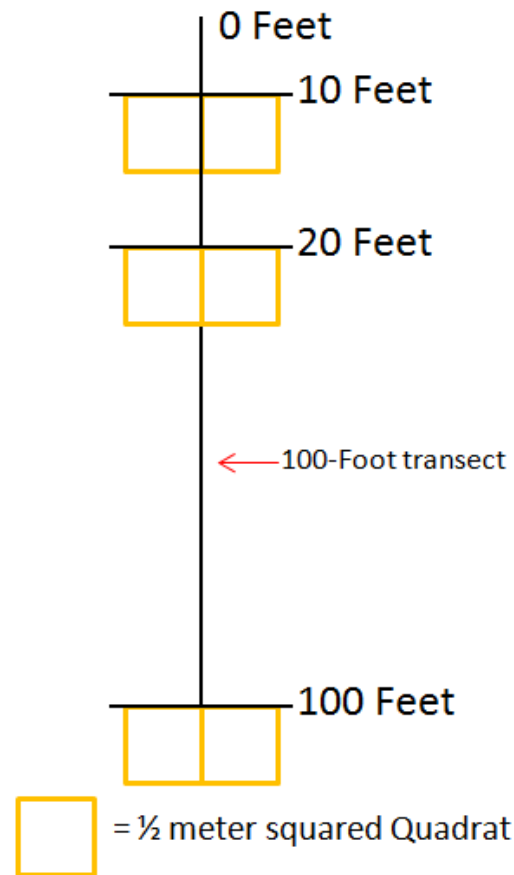
Photo 20. Photo taken from the end of transect Location #3 from the south, facing North. Again, a total of nine (9) grass species were detected during the assessment along this transect.

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Note the transect lines (green lines) are not to scale but an approximate direction indicating where the transect was performed. These same three locations and bearings were used in the 2016 germination assessment. In 2016, a total of 67 seedlings were counted. During this inspection, a total of 12 individuals were counted.

Diagram- Seedling Germination Sampling Methodology



Note- this is not to scale. Below is the methodology that was used in 2016 and during this inspection. Stretch 100-foot transect to the desired compass bearing. Lay 1/2 meter squared quadrat at the first 10-foot mark, either on the left or right side of the transect line (need to count seedling germination on both sides of the transect line). Conduct this measurement every 10 feet to the end of the 100-foot transect line, totaling 20 quadrat measurements.