

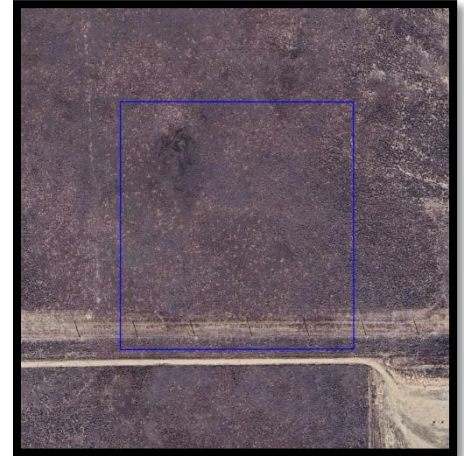


# ECMC Form 2A Vegetation Assessment

Reference Transect Monitoring Report  
Y12-15 Pad (OGDP455) – Reference Transect 1

## Monitoring Details

**Pad Name:** Y12-15 Pad  
**OGDP/Project:** OGDG DP455  
**Monitoring Date:** 8/17/2023  
**Observer:** Colton Ingalls, Chase Westbrook  
**Protocol:** Line-Point Intercept  
**Transect Type:** Reference  
**Transect Length:** 100 feet  
**Transect Bearing:** 180  
**Latitude:** 40.14860064022  
**Longitude:** -104.498579843047



## Monitoring Site Description and Environmental Setting

<b>Current Land Use:</b>	Rangeland	<b>Aspect (°):</b>	180
		<b>Slope (%):</b>	1
<b>Plant Community Description:</b>	Native grassland	<b>Soil Texture:</b>	Sand
		<b>Soil Condition Comments:</b>	-
<b>Cover Class:</b>	Upland grassland		
<b>Topographic Position:</b>	Rolling plain		

## Documented Species Overview

<b>Native Species:</b>	ANGE, BOGR2, CALO, HEAN3, PHHI8
<b>Non-Native Species:</b>	AMARA, SIAL2
<b>Noxious Weed Species:</b>	BRTE
<b>Other Species Observed<sup>†</sup>:</b>	ARFI2, ARPO2, GRSQ, OPPO, PESI, SALSO, TRADE

<sup>†</sup> - Species observed along monitoring transect, but not recorded as a "hit" during line-point intercept

**Table 1. Y12-15 Pad (OGDP DP455) – Vegetation Attributes**



Common Name	Scientific Name	Top Canopy Foliar Cover (%)	Basal Cover (%)
<b>Grasses</b>			
Big bluestem	<i>Andropogon gerardii</i>	30	-
Blue grama	<i>Bouteloua gracilis</i>	3	1
Cheatgrass <sup>‡</sup>	<i>Bromus tectorum</i>	44	-
Prairie sandreed	<i>Calamovilfa longifolia</i>	10	1
<b>Forbs</b>			
Pigweed*	<i>Amaranthus sp.</i>	2	-
Common sunflower	<i>Helianthus annuus</i>	6	-
Prairie groundcherry	<i>Physalis hispida</i>	1	-
Tall tumbled mustard*	<i>Sisymbrium altissimum</i>	2	-

\* - Species is a non-native plant species

‡ - Species is a state-listed noxious weed species

**Y12-15 PAD  
REFERENCE AREA PHOTOS**



	<u>OGDP/Project:</u> OGDP DP455	<u>Pad Name:</u> Y12-15 Pad	<u>Survey Date:</u> 8/17/2023	<b>REFERENCE PHOTO POINT</b>	Prepared For: 
		<u>Surface Location:</u> SW ¼ SE ¼, Section 12, T2N, R64W, 6 <sup>th</sup> P.M.	<u>Observer(s):</u> Colton Ingalls, Chase Westbrook		