

Germination Survey	Date: <u>9-7-2017</u>				Inspected By: <u>Catherine Roy</u>		
	Location/Operator: <u>067-09614/ Chevron Midcontinent</u>						
	Goal: 3-5 seedlings/sq.ft (~16-27 per 1/2 sq. meter)						
Transect Number	1	2	3	4	5	6	7
Transect Orientation and first photo, degrees	273 degrees westward 37.24322, -107.83205	268 degrees westward 37.24343, -107.53164					
End transect	37.243238, -107.83215	37.24343, -107.83174					
Aspect/Slope	35 percent eastward	33 percent southward					
Quadrat Number	Seedling Germination per 1/2 Square meter						
1	Desirable: 5 Undesirable: 12	Desirable: 0 Undesirable: 7					
2	Desirable: 3 Undesirable: 16	Desirable: 0 Undesirable: 7					
3	Desirable: 5 Undesirable: 12	Desirable: 0 Undesirable: 6					
4	Desirable: 0 Undesirable: 14	Desirable: 0 Undesirable: 5					
5	Desirable: 3 Undesirable: 40	Desirable: 0 Undesirable: 4					
6	Desirable: 6 Undesirable: 16	Desirable: 0 Undesirable: 0					
7	Desirable: 0 Undesirable: 20	Desirable: 0 Undesirable: 3					
8	Desirable: 3 Undesirable: 15	Desirable: 0 Undesirable: 5					
9	Desirable: 0 Undesirable: 7	Desirable: 0 Undesirable: 16					
10	Desirable: 0 Undesirable: 0	Desirable: 1 Undesirable: 7					
Average Desirable:	2.5	0.1					
Total Average:	1.3						
Method: Survey is conducted along a 30 foot transect along recently seeded areas in he location. A 1/2 meter squared quadrat is placed at the first 3 foot mark, counting see germination on the northern side of the transect. This measurement is conducted every 3 feet to the end of the transect line, totalling 10 quadrat measurements.							