

| | | | | | | | |
|--|---|---|---|---|------------------------------------|---|---|
| Germination Survey | Date: <u>9-10-2018</u> | | | | Inspected By: <u>Catherine Roy</u> | | |
| | Location/Operator: <u>067-08089/ WPX Energy</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 | 197 degrees southwestward 37.072727, -107.852259 | | | | | | |
| End transect | 37.072577, -107.852560 | | | | | | |
| Aspect/Slope | 10 percent southward | | | | | | |
| Quadrat Number | Seedling Germination per 1/2 Square meter | | | | | | |
| 1 | Desirable: 13 Undesirable: 0 | | | | | | |
| 2 | Desirable: 12 Undesirable: 1 | | | | | | |
| 3 | Desirable: 1 Undesirable: 0 | | | | | | |
| 4 | Desirable: 4 Undesirable: 1 | | | | | | |
| 5 | Desirable: 2 Undesirable: 0 | | | | | | |
| 6 | Desirable: 9 Undesirable: 2 | | | | | | |
| 7 | Desirable: 9 Undesirable: 3 | | | | | | |
| 8 | Desirable: 15 Undesirable: 0 | | | | | | |
| 9 | Desirable: 6 Undesirable: 1 | | | | | | |
| 10 | Desirable: 3 Undesirable: 0 | | | | | | |
| Average Desirable: | 7.4 | | | | | | |
| Method: Survey is conducted along a 100 foot transect along recently seeded areas in he location. A 1/2 meter squared quadrat is placed at the first 10 foot mark, counting s germination on the northern side of the transect. This measurement is conducted every 10 feet to the end of the transect line, totalling 10 quadrat measurements. | | | | | | | |