

Disturbance

Size of Disturbed Area during Construction

Pad: 5.58 acres

Access Road: $3,460' \text{ (length)} * 40' \text{ (ROW)} = 138,400 \text{ ft}^2$

$$138,400 \text{ ft}^2 / 43,560 \text{ ft}^2 = 3.18 \text{ acres}$$

Pipeline: $2,938' \text{ (length)} * 50' \text{ (ROW)} = 146,900 \text{ ft}^2$

$$146,900 \text{ ft}^2 / 43,560 \text{ ft}^2 = 3.37 \text{ acres}$$

$5.58 + 3.18 + 3.37 = \mathbf{12.13 \text{ acres of disturbance}}$

Size of Location after Interim Reclamation

Pad: $180' * 200' = 36,000 \text{ ft}^2$

$$180' * 180' = 32,400 \text{ ft}^2$$

$$195' * 200' = 39,000 \text{ ft}^2$$

$$((120' + 180')/2) * 195 = 29,250 \text{ ft}^2$$

$$36,000 \text{ ft}^2 + 32,400 \text{ ft}^2 + 39,000 \text{ ft}^2 + 29,250 \text{ ft}^2 = 136,650 \text{ ft}^2$$

$$136,650 \text{ ft}^2 / 43,560 \text{ ft}^2 = 3.14 \text{ acres}$$

*Access road will be reduced to a driving surface of 19' and the pipeline ROW will be reclaimed.

$$3,460' * 19' = 65,740 \text{ ft}^2$$

$$65,740 \text{ ft}^2 / 43,560 \text{ ft}^2 = 1.51 \text{ acres}$$

$3.14 + 1.51 = \mathbf{4.65 \text{ acres of disturbance}}$