After					
	w	1	2	n	e

Before		After				
	w	w -> w	w -> 1	w -> 2	w -> n	w -> e
	1	1 -> w	1 -> 1	1 -> 2	1 -> n	1 -> e
	2	2 -> w	2 -> 1	2 -> 2	2 -> n	2 -> e
	n	n -> w	n -> 1	n -> 2	n -> n	n -> e
	e	e -> w	e -> 1	e -> 2	e -> n	e -> e

w   wilderness zone more than 5 kms from encroachment
1   wilderness zone 3 -> 5 kms from encroachment
2   wilderness zone 1 -> 3 kms from encroachment
n   near encroachment 0 -> 1 kms
e   encroachment

Wilderness	Wilderness zone 1	Wilderness zone 2
w -> 1 w -> 2 w -> n w -> e	1 -> 2 1 -> n 1 -> e	2 -> n 2 -> e

After					
	w	1	2	n	e

Before		After				
	w	w -> w	w -> 1	w -> 2	w -> n	w -> e
	1	1 -> w	1 -> 1	1 -> 2	1 -> n	1 -> e
	2	2 -> w	2 -> 1	2 -> 2	2 -> n	2 -> e
	n	n -> w	n -> 1	n -> 2	n -> n	n -> e
	e	e -> w	e -> 1	e -> 2	e -> n	e -> e