

# Trap Transfer Application Scenario Worksheet

## Overview:

1. Identify desired allocation after transaction.
2. Determine the amount of traps needed from transfer to achieve desired allocation
  - a. Remember starting allocation is AFTER scheduled area reductions (available online or from permit holder letter)
  - b. To calculate 2017 reductions, subtract 5% from 2016 Area 2 and Area 3 allocations
3. Calculate the amount of traps to purchase from seller to receive the desired allocation
  - a. Account for 10% Conservation Tax
  - b. Round to a multiple of 10 for transfer requirements and select the best deal
4. Calculate actual number you will receive from transaction accounting for 10% conservation tax:  $\# \text{ bought}(0.9) = \# \text{ received}$ 
  - a. Add to your existing allocation to determine final total allocation

## Scenario #1:

1. Wants to achieve 1945 Area 3 trap allocation.
2. Existing allocation: 1148,  $1945 - 1148 = \mathbf{797}$
3. Need to receive 797 from transaction, need to purchase...
  - a. Account for 10% tax:  $797 = 0.9x$ ,  $x = 886$  (need to buy 886)
  - b. Round 886 to 890 for transaction
4. Amount received:  $890(0.9) = \mathbf{801}$ 
  - a. Final allocation:  $1148 + 801 = \mathbf{1949}$  (capped at 1945, loss of 4 extra traps)
5. **Alternative:** Round down to 880,  $880(0.9) = \mathbf{792}$ 
  - a. Final allocation:  $1148 + 792 = \mathbf{1940}$

## Scenario #2:

### Permit 1 → Permit 2

1. Wants to achieve 1945 Area 3 trap allocation.
2. Existing allocation: 1188,  $1945 - 1188 = \mathbf{757}$
3. Need to receive 757 from transaction, need to purchase...
  - a. Account for 10% tax:  $757 = 0.9x$ ,  $x = 841$  (need to buy 841)
  - b. Round 841 to 840 for transaction
4. Amount received:  $840(0.9) = \mathbf{756}$ 
  - a. Final allocation:  $1188 + 756 = \mathbf{1944}$

## Permit 2 → Permit 1

1. Wants to achieve 1945 Area 3 trap allocation.
2. Existing allocation: 1317,  $1945-1317=628$
3. Need to receive 628 from transaction, need to purchase...
  - a. Account for 10% tax:  $628=0.9x$ ,  $x=698$  (need to buy 698)
  - b. Round 698 up to 700 for transaction
4. Amount received:  $700(0.9)=630$ 
  - a. Final allocation:  $1317+630=1947$  (capped at 1945, loss of 2 extra traps)

## Scenario #3:

### Transaction 1

1. Wants to achieve 800 Area 2 trap allocation.
2. Existing allocation: 570,  $800-570=230$
3. Need to receive 230 from transaction, need to purchase...
  - a. Account for 10% tax:  $230=0.9x$ ,  $x=255.5$  (need to buy 256)
  - b. Round 256 up to 260 for transaction
4. Amount received:  $260(0.9)=234$ 
  - a. Final allocation:  $570+234=804$  (capped at 800, loss of 4 extra traps)
5. **Alternative:** Round down to 250,  $250(0.9)=225$ 
  - a. Final allocation:  $570+225=795$

### Transaction 2

1. Wants to achieve 800 State trap allocation.
2. Existing State allocation: 570,  $800-570=230$
3. Need to receive 230 from transaction, need to purchase...
  - a. Account for 10% tax:  $230=0.9x$ ,  $x=255.5$  (need to buy 256)
  - b. Round 256 up to 260 for transaction
4. Amount received:  $260(0.9)=234$ 
  - a. Final allocation:  $570+234=804$  (capped at 800, loss of 4 extra traps)
5. **Alternative:** Round down to 250,  $250(0.9)=225$ 
  - a. Final allocation:  $570+225=795$