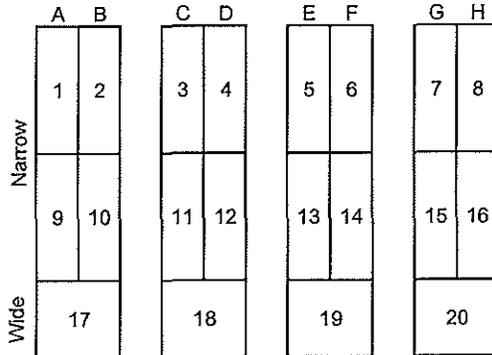


Table \_\_

### Raceway Volumes and Identifiers Rangen Fish Hatchery

Raceway Type	Volume (ft <sup>3</sup> )	Identifier
Hatch House Trough	17	(1-12)
Small Raceway (narrow)	580	(1-16)
Small Raceway (wide)	934	(17-20)
Large Raceway	1640	(1-10; T,C,B)
CTR Raceway	8244	(A,B,D; T,C,B)

**Small Raceways**



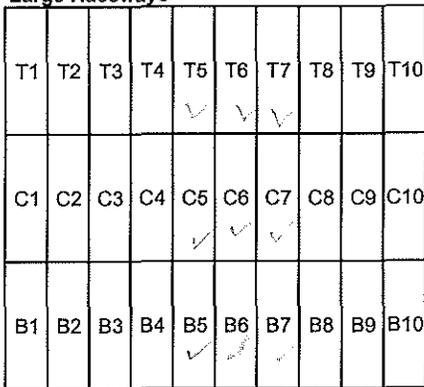
Based on average flows (2007-2012)

Avg Sm. Raceway (wide) flow = 2.3 cfs  
 ~Capacity Flow (avg flow x 4) = 9.3 cfs

Based on maximum flows (2007-2012)

Max Sm. Raceway (wide) flow = 2.6 cfs  
 ~Capacity Flow (avg flow x 4) = 10.3 cfs

**Large Raceways**



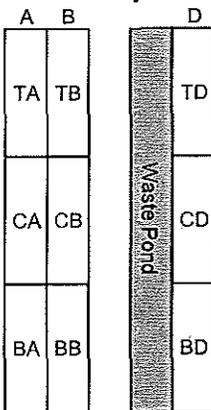
Based on average flows (2007-2012)

Avg Lg. Raceway flow = 4.3 cfs  
 ~Capacity Flow (avg flow x 10) = 42.9 cfs

Based on maximum flows (2007-2012)

Max Lg. Raceway flow = 5.6 cfs  
 ~Capacity Flow (max flow x 10) = 55.6 cfs

**CTR Raceways**



Based on average flows (2007-2012)

Avg CTR flow = 12.1 cfs  
 ~Capacity Flow (avg flows x3) = 36.2 cfs  
 ~Capacity Flow w/o WP (avg flows x4) = 48.2 cfs

Based on maximum flows (2007-2012)

Avg CTR flow = 13.2 cfs  
 ~Capacity Flow (max flows x3) = 39.5 cfs  
 ~Capacity Flow w/o WP (avg flows x4) = 52.7 cfs

**Notes**

- (1) Volumes from IPC Fish Production Reports
- (2) Raceway identifiers provided by \_\_\_\_\_ during his deposition on \_\_\_\_\_.