

# **Appendix E:**

## **Table 17 from 2001 Western Hood Subbasin TMDL**

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**Table 17. Point Source Waste Load Allocations for NPDES Discharges and Load Allocations for Powerdale Project and Laurance Lake Reservoir**  
(table from 2001 WHS TMDL)

<b>Subtable A: NPDES Point Source Waste Load Allocations</b>				
<b>Source Name</b>	<b>Permitted Flow gal per day (gpd)</b>	<b>Receiving Stream</b>	<b>Stream Flow cfs</b>	<b>Waste Load Allocation Allowable Point Source Heat Load kcal/day</b>
Pacificorp - Cooling Water	50000	Hood River	250	19.31x10 <sup>6</sup>
Lage Orchards	50000	Neal Creek	10*	0.78 x10 <sup>6</sup>
Diamond Fruit - Van Horn	120000	Neal Creek	10*	0.79 x10 <sup>6</sup>
Duckwall Pooley - Van Horn	500000	Neal Creek	10*	0.78 x10 <sup>6</sup>
Diamond Fruit – Central	90000	Lenz Creek	1*	0.11 x10 <sup>6</sup>
Duckwall Pooley – Odell	250000	Lenz Creek	1*	0.08 x10 <sup>6</sup>
Stadelman – Whitney	3000	Lenz Creek	1*	0.08 x10 <sup>6</sup>
Stadelman – Lenz	1500	Lenz Creek	1*	0.14 x10 <sup>6</sup>
Odell Sanitary District	500000	Odell Creek	10*	0.78 x10 <sup>6</sup>
Diamond Fruit – Odell	30000	McGuire Ck	4*	0.32 x10 <sup>6</sup>
Parkdale Sanitary District	100000	Trout Creek	1*	0.10 x10 <sup>6</sup>
Diamond Fruit – Parkdale	220000	Wishart Ck	1*	0.08 x10 <sup>6</sup>
Mt. Hood Meadows	18700	East Fork Hood River	5*	0.45 x10 <sup>6</sup>
Total				23.78 x10 <sup>6</sup>
<b>Subtable B: Powerdale Hydroelectric Project Load Allocations</b>				
<b>River Temperatures at Powerhouse &lt;55°F</b>	<b>September 15-February 15 (Critical Period for Spawning) River Temperatures at Powerhouse &gt;55°F</b>		<b>February 16-September 14 (Critical Period for Rearing)</b>	
	<b>Load Allocation (kcal/day)</b>	<b>River Flow Below Diversion Dam (cfs)</b>	<b>Load Allocation (kcal/day)</b>	<b>Load Allocation (kcal/day)</b>
190 X 10 <sup>6</sup>	250-300	77.2 x 10 <sup>6</sup>	190 X 10 <sup>6</sup>	
	300-400	92.6 x 10 <sup>6</sup>		
	400-500	123 x 10 <sup>6</sup>		
	500-1000	154 x 10 <sup>6</sup>		
<b>Subtable C: Laurance Reservoir Load Allocations</b>				
<b>Flow in Clear Branch above Reservoir cfs</b>		<b>Load Allocation kcal/day</b>		
0-10		0.31 x 10 <sup>6</sup>		
10-20		3.09 x 10 <sup>6</sup>		
20-30		6.18 x 10 <sup>6</sup>		
30-40		9.26 x 10 <sup>6</sup>		
40-50		12.4 x 10 <sup>6</sup>		
50-60		15.4 x 10 <sup>6</sup>		
60-70		18.5 x 10 <sup>6</sup>		
70-80		21.6 x 10 <sup>6</sup>		
80-90		24.7 x 10 <sup>6</sup>		
90-100		27.8 x 10 <sup>6</sup>		

\* Stream flow estimated from data collected by ODEQ during August 3-7, 1998.