ERRATA

Camas Creek Subbasin Total Maximum Daily Load: 2016 Temperature Addendum

The temperature wasteload allocation (WLA) for the City of Fairfield WWTP discharge to Soldier Creek was partially reprinted from the 2005 approved TMDL (DEQ 2005a) into the 2016 temperature addendum. The addendum should have provided the conversion from discharge temperatures to daily heat loads consistent with current TMDL requirements. Below we provide the original "Table 73" from the 2005 approved TMDL and its conversion to daily heat loads in kWh/day. The daily heat load table below should be considered a part of the WLA in the 2016 temperature addendum.

Table 73. City of Fairfield allowable effluent temperatures.

Soldier Creek flow (cfs)	Fairfield Effluent Discharge (cfs)				
	0.05	0.1	0.15	0.2	0.225
5	16.8	13.1	11.8	11.2	11.0
10	24.3	16.8	14.3	13.1	12.6
20	39.3	24.3	19.3	16.8	16.0
30	54.3	31.8	24.3	20.6	19.3
40	69.3	39.3	29.3	24.3	22.6
50	84.3	46.8	34.3	28.1	26.0
60	99.3	54.3	39.3	31.8	29.3
70	114.3	61.8	44.3	35.6	32.6

*The calculation used to determine the effluent temperatures (degrees Celsius) is {[(effluent flow + (0.25 x creek flow)) x (9 +0.3)] – [(0.25 x creek flow) x 9]} / effluent flow.

New Table addition.

Incremental heat load (kWh/day) added by effluent, based on effluent and receiving water T in table above.					
Soldier Creek flow (cfs)	**Fairfield WWTP Effluent Heat Loads (kWh/day) for range of effluent flows (cfs, first row)**				
	0.05	**0.1**	**0.15**	**0.2**	**0.225**
5	1,109	1,152	1,195	1,237	1,259
10	2,176	2,218	2,261	2,304	2,325
20	4,309	4,351	4,394	4,437	4,458
30	6,442	6,485	6,527	6,570	6,591
40	8,575	8,618	8,660	8,703	8,724
50	10,708	10,751	10,793	10,836	10,857
60	12,841	12,884	12,926	12,969	12,990
70	14,974	15,017	15,059	15,102	15,123

DEQ (Idaho Department of Environmental Quality). 2005a. *Camas Creek Subbasin Assessment and Total Maximum Daily Load.* Twin Falls, ID: DEQ. Available at: www.deq.idaho.gov/water-quality/surface-water/tmdls/table-of-sbas-tmdls/camas-creek-subbasin.