Platform Hidalgo	Jun 14 (Topsmelt)				Sep 14 (Topsmelt)				Dec 14 (Topsmelt)				Mar 15 (Topsmelt)			
	Survival		Growth		Survival		Growth		Survival		Growth		Survival		Growth	
	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC
Mean	0.92	0.96	1.346	1.376	1	1	1.568	1.894	0.96	1	1.27	1.278	1	1	1.004	0.9288
Transformed**	1.25	1.298	1.346	1.376	1.345	1.345	1.568	1.894	1.298	1.345	1.27	1.278	1.345	1.345	1.004	0.9288
Test Result	Pass		Pass		Pass		Pass		Pass		Pass		Pass		Pass	
% effect at IWC	-3.84		-2.228826152		0		-20.79081633		-3.620955316		-0.62992126		0		7.490039841	
RP?	No		No		No		No		No		No		No		No	

*Instream Waste Concentration
**When Appropriate

Platform Harvest	Oct 09 (Topsmelt)				Oct 14 (Topsmelt)				Jan 16 (Topsmelt)				Apr 15 (Topsmelt)			
	Survival		Growth		Survival		Growth		Survival		Growth		Survival		Growth	
	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC
Mean	0.96	0.92	1.704	1.964	1	1	1.477	1.414	1	1	1.046	1.043	1	0.96	0.9265	0.7304
Transformed**	1.298	1.25	1.704	1.964	1.345	1.345	1.477	1.414	1.345	1.345	1.046	1.043	1.345	1.345	0.9265	0.7304
Test Result	Pass		Pass		Pass		Pass		Pass		Pass		Pass		Pass	
% effect at IWC	3.697997		-15.25821596		0		4.265402844		0		0.286806883		0		21.16567728	
RP?	No		No		No		No		No		No		No		RP Yes	

*Instream Waste Concentration
**When Appropriate

Platform Hermosa	Aug 14 (Topsmelt)				Nov 14 (Topsmelt)				Feb 15 (Topsmelt)				
	Survival		Growth		Survival		Growth		Survival		Growth		Survival
	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC	Control
Mean	1	0.96	1.06	1.11	1	1	1.11	1.351	1	1	1.288	1.511	1
Transformed**	1.345	1.298	1.06	1.11	1.345	1.345	1.11	1.351	1.345	1.345	1.288	1.511	1.345
Test Result	Pass		Pass		Pass		Pass		Pass		Pass		
% effect at IWC	3.494424		-4.716981132		0		-21.71171171		0		-17.3136646		
RP?	No		No		No		No		No		No		

*Instream Waste Concentration
**When Appropriate

May 15 (Topsmelt)

	Growth	
IWC*	Control	IWC
0.96	0.9776	0.9548
1.298	0.9776	0.9548
Pass		Pass
3.494423792		2.332242226
No		No

Platform Harmony	Sep 14 (Topsmelt)				Dec 14 (Topsmelt)				Mar 15 (Topsmelt)				Oct 16 (Topsmelt)			
	Survival		Growth		Survival		Growth		Survival		Growth		Survival		Growth	
	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC
Mean	1	1	1.11	1.151	1	1	1.288	1.268	0.96	1	1.028	1.027	0.96	1	0.9268	0.8648
Transformed**	1.345	1.345	1.11	1.151	1.345	1.345	1.288	1.268	1.298	1.345	1.028	1.027	1.298	1.345	0.9268	0.8648
Test Result	Pass		Pass		Pass		Pass		Pass		Pass		Pass		Pass	
% effect at IWC	0		-3.693693694		0		1.552795031		-3.620955316		0.097276265		-3.620955316		6.689684937	
RP?	No		No		No		No		No		No		No		No	

*Instream Waste Concentration
**When Appropriate

Platform A	Jan 15 (Topsmelt)				April 15 (Topsmelt)				April 16 (Topsmelt)				July 17 (Topsmelt)			
	Survival		Growth		Survival		Growth		Survival		Growth		Survival		Growth	
	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC
Mean	1	0.96	1.269	1.298	1	1	0.968	1.224	1	1	1.06	1.55	1	1	1.652	2.129
Transformed**	1.345	1.298	1.269	1.298	1.345	1.345	0.968	1.224	1.345	1.345	1.06	1.55	1.345	1.345	1.652	2.129
Test Result	Pass		Pass		Pass		Pass		Pass		Pass		Pass		Pass	
% effect at IWC	3.494424		-2.285263987		0		-26.44628099		0		-46.22641509		0		-28.87409201	
RP?	No		No		No		No		No		No		No		No	

*Instream Waste Concentration
**When Appropriate

Platform B	Jan 15 (Topsmelt)				April 15 (Topsmelt)				April 16 (Topsmelt)				July 17 (Topsmelt)			
	Survival		Growth		Survival		Growth		Survival		Growth		Survival		Growth	
	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC
Mean	1	0.96	1.033	1.044	1	1	0.9684	1.222	0.96	0.92	0.8572	0.8588	1	0.98	1.652	1.746
Transformed**	1.345	1.298	1.033	1.044	1.345	1.345	0.9684	1.222	1.298	1.25	0.8572	0.8588	1.345	1.321	1.652	1.746
Test Result	Pass		Pass		Pass		Pass		Pass		Pass		Pass		Pass	
% effect at IWC	3.494424		-1.064859632		0		-26.18752582		3.697996918		-0.186654223		1.784386617		-5.690072639	
RP?	No		No		No		No		No		No		No		No	

*Instream Waste Concentration
**When Appropriate

Platform Gina	Dec 14 (Topsmelt)				Mar 15 (Topsmelt)				Mar 16 (Topsmelt)				Mar 17 (Topsmelt)			
	Survival		Growth		Survival		Growth		Survival		Growth		Survival		Growth	
	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC
Mean	1	1	0.9628	1.121	0.92	1	1.268	1.523	1	0.96	1.126	1.253	0.96	0.88	0.8812	0.9704
Transformed**	1.345	1.345	0.9628	1.121	1.253	1.345	1.268	1.523	1.345	1.298	1.126	1.253	1.298	1.202	0.8812	0.9704
Test Result	Pass		Pass		Pass		Pass		Pass		Pass		Pass		Pass	
% effect at IWC	0		-16.43124221		-7.342378292		-20.11041009		3.494423792		-11.27886323		7.395993837		-10.12256015	
RP?	No		No		No		No		No		No		No		No	

*Instream Waste Concentration
**When Appropriate

Platform Gilda	Dec 14 (Topsmelt)				Mar 15 (Topsmelt)				Mar 16 (Topsmelt)				Mar 17 (Topsmelt)			
	Survival		Growth		Survival		Growth		Survival		Growth		Survival		Growth	
	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC
Mean	1	1	0.9628	0.892	0.96	1	1.017	1.164	1	0.92	1.266	1.238	0.96	0.96	0.8572	0.9052
Transformed**	1.345	1.345	0.9628	0.892	1.298	1.345	1.017	1.164	1.345	1.25	1.266	1.238	1.298	1.298	0.8572	0.9052
Test Result	Pass		Pass		Pass		Pass		Pass		Pass		Pass		Pass	
% effect at IWC	0		7.35355214		-3.620955316		-14.45427729		7.063197026		2.211690363		0		-5.599626692	
RP?	No		No		No		No		No		No		No		No	

*Instream Waste Concentration
**When Appropriate

Platform Edith	Dec 14 (Topsmelt)				Mar 15 (Topsmelt)				Mar 16 (Topsmelt)				Mar 17 (Topsmelt)			
	Survival		Growth		Survival		Growth		Survival		Growth		Survival		Growth	
	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC
Mean	0.96	1	1.27	1.32	1	1	1.313	1.568	0.92	1	1.234	1.223	1	1	1.18	1.416
Transformed**	1.298	1.345	1.27	1.32	1.345	1.345	1.313	1.568	1.25	1.345	1.234	1.223	1.345	1.345	1.18	1.416
Test Result	Pass		Pass		Pass		Pass		Pass		Pass		Pass		Pass	
% effect at IWC	-3.62096		-3.937007874		0		-19.42117289		-7.6		0.891410049		0		-20	
RP?	No		No		No		No		No		No		No		No	

*Instream Waste Concentration
**When Appropriate

Platform Hillhouse	Feb 15 (Topsmelt)				May 15 (Topsmelt)				Feb 16 (Topsmelt)				May 17 (Topsmelt)			
	Survival		Growth		Survival		Growth		Survival		Growth		Survival		Growth	
	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC
Mean	0.92	1	0.9744	1.333	1	0.92	0.9776	0.9676	1	0.92	1.126	1.095	1	0.98	1.652	1.59
Transformed**	1.25	1.345	0.9744	1.333	1.345	1.25	0.9776	0.9676	1.345	1.25	1.126	1.095	1.345	1.321	1.652	1.59
Test Result	Pass		Pass		Pass		Pass		Pass		Pass		Pass		Pass	
% effect at IWC	-7.6		-36.80213465		7.063197026		1.022913257		7.063197026		2.753108348		1.784386617		3.753026634	
RP?	No		No		No		No		No		No		No		No	

*Instream Waste Concentration
**When Appropriate

Platform Elly	Oct 10 (Topsmelt)				Jan 15 (Topsmelt)				Oct 15 (Topsmelt)				Jan 17 (Topsmelt)			
	Survival		Growth		Survival		Growth		Survival		Growth		Survival		Growth	
	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC
Mean	0.96	0.96	1.89	1.72	1	0.96	0.8848	0.8664	1	1	1.688	1.928	1	0.96	1.274	1.5
Transformed**	1.298	1.298	1.89	1.72	1.345	1.298	0.8848	0.8664	1.345	1.345	1.688	1.928	1.345	1.298	1.274	1.5
Test Result	Pass		Pass		Pass		Pass		Pass		Pass		Pass		Pass	
% effect at IWC	0		8.994708995		3.494423792		2.079566004		0		-14.21800948		3.494423792		-17.73940345	
RP?	No		No		No		No		No		No		No		No	

*Instream Waste Concentration
**When Appropriate

Platform Hogan	Dec 14 (Topsmelt)				Mar 15 (Topsmelt)				Jun 16 (Topsmelt)				Dec 17 (Topsmelt)			
	Survival		Growth		Survival		Growth		Survival		Growth		Survival		Growth	
	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC
Mean	1	1	1.39	2.028	1	1	1.1	1.333	0.96	1	0.8176	0.85	0.96	1	1.108	1.222
Transformed**	1.345	1.345	1.39	2.028	1.345	1.345	1.1	1.333	1.298	1.345	0.8176	0.85	1.298	1.345	1.108	1.222
Test Result	Pass		Pass		Pass		Pass		Pass		Pass		Pass		Pass	
% effect at IWC	0		-45.89928058		0		-21.18181818		-3.620955316		-3.962818004		-3.620955316		-10.28880866	
RP?	No		No		No		No		No		No		No		No	

*Instream Waste Concentration
**When Appropriate

Platform Habitat	Nov 05 (Topsmelt)				May 08 (Topsmelt)				Aug 09 (Topsmelt)			
	Survival		Growth		Survival		Growth		Survival		Growth	
	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC	Control	IWC*	Control	IWC
Mean	1	0.88	2.3012	2.2756	0.96	1	1.8668	2.0204	1	0.96	1.7384	1.6272
Transformed**	1.345	1.2024	2.3012	2.2756	1.298	1.345	1.8668	2.0204	1.345	1.298	1.7384	1.6272
Test Result	Pass		Pass		Pass		Pass		Pass		Pass	
% effect at IWC	10.60223		1.112463063		-3.620955316		-8.227983715		3.494423792		6.396686608	
RP?	RP Yes		No		No		No		No		No	

*Instream Waste Concentration
**When Appropriate

4
4
4
3
4
4
3
2
2
2
2
3
3
3

df\p	0.4	0.25	0.1	0.05	0.025	0.01	0.005	0.0005
1	0.32492	1	3.07768	6.31375	12.706	31.8205	63.6567	636.619
2	0.28868	0.8165	1.88562	2.91999	4.3027	6.96456	9.92484	31.5991
3	0.27667	0.76489	1.63774	2.35336	3.1825	4.5407	5.84091	12.924
4	0.27072	0.7407	1.53321	2.13185	2.7765	3.74695	4.60409	8.6103
5	0.26718	0.72669	1.47588	2.01505	2.5706	3.36493	4.03214	6.8688
6	0.26484	0.71756	1.43976	1.94318	2.4469	3.14267	3.70743	5.9588
7	0.26317	0.71114	1.41492	1.89458	2.3646	2.99795	3.49948	5.4079
8	0.26192	0.70639	1.39682	1.85955	2.306	2.89646	3.35539	5.0413
9	0.26096	0.70272	1.38303	1.83311	2.2622	2.82144	3.24984	4.7809
10	0.26019	0.69981	1.37218	1.81246	2.2281	2.76377	3.16927	4.5869
11	0.25956	0.69745	1.36343	1.79589	2.201	2.71808	3.10581	4.437
12	0.25903	0.69548	1.35622	1.78229	2.1788	2.681	3.05454	4.3178
13	0.25859	0.69383	1.35017	1.77093	2.1604	2.65031	3.01228	4.2208
14	0.25821	0.69242	1.34503	1.76131	2.1448	2.62449	2.97684	4.1405
15	0.25789	0.6912	1.34061	1.75305	2.1315	2.60248	2.94671	4.0728
16	0.2576	0.69013	1.33676	1.74588	2.1199	2.58349	2.92078	4.015
17	0.25735	0.6892	1.33338	1.73961	2.1098	2.56693	2.89823	3.9651
18	0.25712	0.68836	1.33039	1.73406	2.1009	2.55238	2.87844	3.9216
19	0.25692	0.68762	1.32773	1.72913	2.093	2.53948	2.86093	3.8834
20	0.25674	0.68695	1.32534	1.72472	2.086	2.52798	2.84534	3.8495
21	0.25658	0.68635	1.32319	1.72074	2.0796	2.51765	2.83136	3.8193
22	0.25643	0.68581	1.32124	1.71714	2.0739	2.50832	2.81876	3.7921
23	0.2563	0.68531	1.31946	1.71387	2.0687	2.49987	2.80734	3.7676
24	0.25617	0.68485	1.31784	1.71088	2.0639	2.49216	2.79694	3.7454
25	0.25606	0.68443	1.31635	1.70814	2.0595	2.48511	2.78744	3.7251
26	0.25596	0.68404	1.31497	1.70562	2.0555	2.47863	2.77871	3.7066
27	0.25586	0.68369	1.3137	1.70329	2.0518	2.47266	2.77068	3.6896
28	0.25577	0.68335	1.31253	1.70113	2.0484	2.46714	2.76326	3.6739
29	0.25568	0.68304	1.31143	1.69913	2.0452	2.46202	2.75639	3.6594
30	0.25561	0.68276	1.31042	1.69726	2.0423	2.45726	2.75	3.646
inf	0.25335	0.67449	1.28155	1.64485	1.96	2.32635	2.57583	3.2905