



TETRA TECH

UNDER ICE BED PHOTO SAMPLING

SUSITNA-WATANA
HYDROELECTRIC PROJECT

Date & Time: 3-20-2014 1345

Crew: MP, BT, RK

Sheet 1 of 1

Location: TK-3

Weather: Clear

Camera: TT-SW6-60PRO

GPS Unit: PDX

Comments: Photo camera 1 #533 center chan US #533 center chan DS #533 RB looking to LB

(A) Sample #	(B) GPS Point #	(D) Snow Depth (ft)	(E) Ice Thickness (ft)	(F) Top of Ice to Bed Distance (ft)	(G) Flow Depth (F-E) (ft)	(H) Frazil Ice Present?	(I) Anchor Ice Present?	(J) Freeboard Height (ft)	(K) Camera Height above Bed (ft)	(L) Video #	(M) Comments / Bed Description
S1	1	.1	2.7	725	3.63	no	no	1	3 1/2	136/138	small amount observed moved camera to 2 ft
S2	2	.1	3.0	77	3.4	no	no	4	3 1/2	137/139	
S3	3	.1	2.8	745	3.4	no	no	2	2	140	
S4	4	.1	3.2	81	3.6	no	no	4	2	141	
S5	5	.1	3.2	71	2.7	no	no	3	2	142	
S6	6	.1	2.8	76	3.6	no	no	3	2	143	
S7	7	.1	3.1	84	3.9	no	no	5	2	144	
S8	8	.1	2.6	72	3.4	no	no	4	2	145/146	145 146 cede
S9	9	.1	3.2	78"	3.3	no	no	2	2	147	
S10	10	.1	3.1	84"	3.9	no	no	3	2	148	
S11	11	.1	3.0	74"	3.2	no	no	3	2	149	
S12	12	.1	2.9	77"	3.5	no	no	3	2	150	
S13	13	.1	2.9	82.5"	4.0	no	no	4	2	151	
S14	14	.1	3.1	77"	3.3	no	no	3	2	152	
S15	15	.1	2.9	82"	3.9	no	no	2	2	153	
S16	16		3.0	82"	3.8			3	2	154	

Photo Back up # K:\geotech\US #313

v1 3/2014

QC1 *[Signature]*

Aerial Photo Kily Cam
258-7265