Kanu oka 'aina

FLOW DATA SHEET

Mean Velocity[1] = 6/10ths Depth
Surface Velocity[2] = 6/10ths Depth x 2
Bottom Velocity[3] = 6/10ths Depth / 2

21ft

Hui 1

BANK FULL

STREAM EDGE

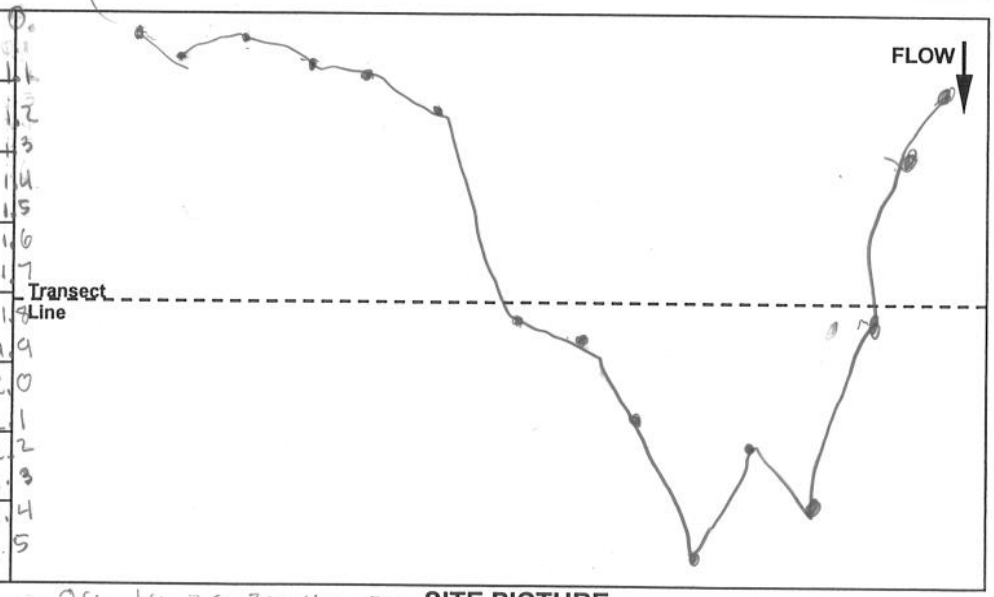
0

STREAM EDGE

BANK FULL

	0ft	1ft	2ft	3ft	4ft	5ft	6ft	7ft	8ft	9ft	10ft	12ft	14ft	16ft	18ft	20ft	21ft	
Stream Edge Width (feet)																		
Stream Edge Depth (feet)	0	0.1	0.8	0.45	0.86	0.99	1.2	1.8	1.84	2.16	2.55	2.2	2.25	1.8	1.35	0.53	0.00	
Flow Rate Width (ft/sec)																		
Flow Rate Depth (ft/sec)																		
Substrate/ % Vegetation																		
% Plant Coverage																		
Mean Velocity[1] (ft/sec)	0	0.05	0.07	0.01	-0.007	-0.05	-0.11	0.02	0.25	0.27	0.40	0.08	0.17	0.84	0.12	-0.06	0	
Surface Velocity[2] (ft/sec)	0	-0.11	-0.06	0.02	0.13	-0.06	0.12	0.15	0.17	0.23	0.12	0.44	0.03	0.48	0.15	-0.05	0	
Bottom Velocity[3] (ft/sec)	0	-0.11	-0.14	-0.05	-0.02	-0.14	-0.07	-0.00	0.04	0.12	0.13	0.30	0.30	0.55	-0.07	-0.01	0	

DATE 11/15/05	**HYDROLAB**			
TIME 9:38 - 10:38	**WIDTH** (feet)			0
OBSERVER Kanuoka'āina	**TEMPERATURE** (°C)	N/I		12
REACH	**DISSOLVED OXYGEN** (mg/L)	N/I		
TRANSECT#	**CONDUCTIVITY** (mS/cm)	N/I		
DAR_CODE	**pH**	N/I		
STREAM Hi	**TURBIDITY** (NTU)	N/I		
TRIBUTARY	**TOTAL SUSPENDED SOLIDS** (mg/L)			



0ft 1ft 2ft 3ft 4ft 5ft **SITE PICTURE** 6ft 7ft 8ft 9ft 10ft 12ft 14ft 16ft 18ft 20ft

DIVISION OF AQUATIC RESOURCES GRH 2/02

Hui 2

Kanu 'o ka 'āina

FLOW DATA SHEET

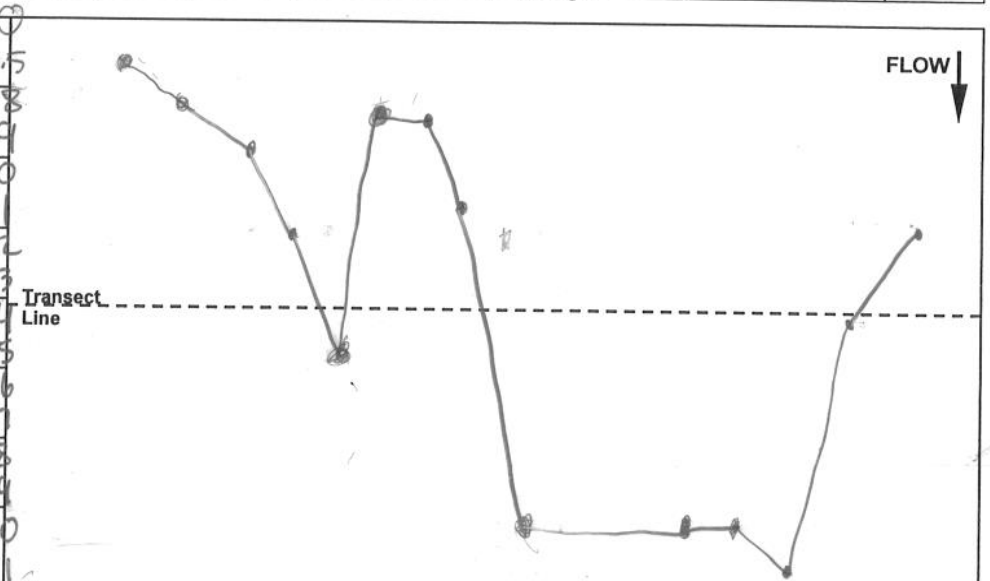
Mean Velocity[1] = 6/10ths Depth
Surface Velocity[2] = 6/10ths Depth x 2
Bottom Velocity[3] = 6/10ths Depth / 2

BANK FULL — STREAM EDGE — STREAM EDGE — BANK FULL

Stream Edge Width (feet)	0ft	1ft	2ft	3ft	4ft	5ft	6ft	7ft	8ft	9ft	10ft	12ft	14ft	16ft	18ft	20ft	22ft	24ft	26ft
Stream Edge Depth (feet)	0	0.5	0.8	0.95	0.95	1.15	0.07	0.08	1.1	2ft	2.3	2ft	2ft	2.1	1.4	1.1			
Flow Rate Width (ft/sec)																			
Flow Rate Depth (ft/sec)																			
Substrate/ % Vegetation																			
% Plant Coverage																			
Mean Velocity[1] (ft/sec)	0	0.06	-0.02	-0.00	0	-0.06	0.07	0.09	0.13	-0.04	-0.01	0.85	1.12	0.82	-0.14	0.04			
Surface Velocity[2] (ft/sec)	0	0.12	-0.08	-0.10	-0.07	0.00	0.14	0.06	0.19	0.36	0.66	0.64	0.91	0.63	0.02	0.13			
Bottom Velocity[3] (ft/sec)	0	0.12	-0.10	-0.06	-0.06	-0.07	-0.04	-0.03	0.02	0.07	0.08	-0.05	0.64	0.36	-0.10	-0.06			

DATE 11/15/2005	HYDROLAB			
TIME 10:38-11:38	WIDTH (feet)			
OBSERVER Kanuoka'āina	TEMPERATURE (°C)	N/I		
REACH	DISSOLVED OXYGEN (mg/L)	N/I		
TRANSECT#	CONDUCTIVITY (mS/cm)	N/I		
DAR_CODE	pH	N/I		
STREAM Hi'ilawe	TURBIDITY (NTU)	N/I		
TRIBUTARY	TOTAL SUSPENDED SOLIDS (mg/L)			

0.5 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1



SITE PICTURE

0ft 1ft 2ft 3ft 4ft 5ft 6ft 7ft 8ft 9ft 10ft 11ft 12ft 14ft 16ft 18ft 20ft 22ft

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