

WATER USES IDENTIFIER INFORMATION – ALASKA

Sheet ___ of ___

A. SOURCE INFORMATION	F. WATER RIGHTS INFO <input type="checkbox"/> Has existing water right																																																
Source Name: _____ Watershed Name & No. (HUC5): _____ Office Name: _____ Project No.: _____ Allotment Name & No.: _____ Date Constructed: _____ Special Land Management Designation: _____ Tributary To: _____	Water Right Application/Permit/Certificate/TWUA # _____ G. DETAILED SKETCH (source & use points): Meridian: _____ USGS Quad Name(s): _____ <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 150px; height: 100px; margin-right: 10px;"> <!-- Sketch area --> </div> <div style="border: 1px solid black; padding: 5px;"> Elevations (Feet) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Source</td><td></td></tr> <tr><td>Use Point #1</td><td></td></tr> <tr><td>Use Point #2</td><td></td></tr> <tr><td>Use Point #3</td><td></td></tr> <tr><td>Use Point #4</td><td></td></tr> <tr><td>Use Point #5</td><td></td></tr> </table> </div> </div> Notes on location: _____	Source		Use Point #1		Use Point #2		Use Point #3		Use Point #4		Use Point #5																																					
Source																																																	
Use Point #1																																																	
Use Point #2																																																	
Use Point #3																																																	
Use Point #4																																																	
Use Point #5																																																	
B. SOURCE TYPES																																																	
___ Spring ___ Stream ___ Well ___ Pond ___ Catchment Other (Explain) _____ ___ Developed ___ Undeveloped ___ Perennial ___ Ephemeral ___ Intermittent Condition: <input type="checkbox"/> good <input type="checkbox"/> fair <input type="checkbox"/> poor <input type="checkbox"/> functional																																																	
C. OBSERVED USES: (Estimate percentages)																																																	
___ Irrigation ___ Wildlife ___ Domestic ___ Instream ___ Stockwater ___ Municipal ___ Fire Control ___ Power Gen. ___ Mining ___ Recreation ___ Riparian Habitat Maintenance ___ Fish Other (Explain): _____ Rationale For Percentage Estimates: _____ Season Of Use: _____ Comments: _____																																																	
D. VEGETATION OBSERVATIONS																																																	
E. WILDLIFE OBSERVATIONS	H. LOCATION (source & use points):																																																
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Locations</th> <th style="width: 5%;">T</th> <th style="width: 5%;">R</th> <th style="width: 5%;">S</th> <th style="width: 20%;">1/4 1/4 1/4 /Lot No.</th> <th style="width: 35%;">Lat/Long</th> </tr> </thead> <tbody> <tr><td>Source</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Diversion Point</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Use Point #1</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Use Point #2</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Use Point #3</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Use Point #4</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Use Point #5</td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>	Locations	T	R	S	1/4 1/4 1/4 /Lot No.	Lat/Long	Source						Diversion Point						Use Point #1						Use Point #2						Use Point #3						Use Point #4						Use Point #5					
Locations	T	R	S	1/4 1/4 1/4 /Lot No.	Lat/Long																																												
Source																																																	
Diversion Point																																																	
Use Point #1																																																	
Use Point #2																																																	
Use Point #3																																																	
Use Point #4																																																	
Use Point #5																																																	
I. PHOTOGRAPHS (label with date, location & description)																																																	
	Aerial Photos: Date & Time: _____ Pic #(s): _____ Ground Photos: Date & Time: _____ Pic #(s): _____ Comments: _____																																																
J. REMARKS																																																	
Include all pertinent information on access problems, legal description discrepancies, survey information, land status/history, environmental conditions, wildlife information, weather, geology, water quality (include monitoring equipment used), type of springbox, lands/realty information, description of distribution and conveyance systems, description of irrigation systems, type of use permit or R/W																																																	
K. RECORDER/OBSERVER INFORMATION (WHO RECORDED THE DATA?)																																																	
Recorder: _____ Title: _____ Signature: _____ Date/Time: _____ Observers: _____																																																	

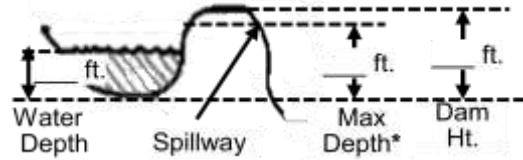
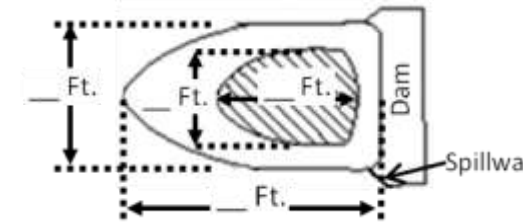

QUANTIFICATION PROCEDURES FOR DEVELOPMENTS – ALASKA Sheet ___ of ___

For "Point Sources": Stockponds, Impoundments, Groundwater (wells), Springs, Containments and Conveyances

A. GROUNDWATER WELL INFORMATION Casing Material: _____ Casing Outside Diameter (OD): _____ In. Well Total Depth: _____ Ft. Water Level Depth: _____ Ft. Date Measured: _____ Method _____ (example: (e-sounder, e-tape, etc). Measure point (MP) _____ (example: top of case) MP height: _____ Ft. (distance from ground surface to MP) Pump /Engine Type: _____ Hp Or Capacity: _____ Windmill: Yes / No On Channel: Yes / No Artesian: Yes / No Gate Valve: Yes / No	B. WELL, DIVERSION or SPRING FLOW AND WATER QUALITY INFORMATION: <table border="1" style="width:100%; border-collapse: collapse; margin-bottom: 5px;"> <tr> <th style="width:10%;">TRIAL #</th> <th style="width:20%;">VOLUME:</th> <th style="width:20%;">TIME:</th> <th style="width:20%;">FLOW RATE:</th> </tr> <tr><td>1</td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td></tr> </table> Average Flow Rate: _____ GPM/CFS Flow Measurement Method: _____ _____ Weir _____ Volumetric _____ Meter _____ Estimate Water Quality Information: _____ Ph _____ E.C. (uS/cm) _____ °C _____ DO (mg/L) Sampled At: _____ Source _____ Trough _____ Other _____ Appearance: A C F L M S algae clear foamy colored muddy salty	TRIAL #	VOLUME:	TIME:	FLOW RATE:	1				2				3				C. STREAM DIVERSIONS Sketch and Description
TRIAL #	VOLUME:	TIME:	FLOW RATE:															
1																		
2																		
3																		

DIMENSIONS OF TANKS & TROUGHS	D. CONTAINMENTS AND CONVEYANCES – TOTAL #Tank(s): _____ # Trough(s): _____				
	USE PT #1	USE PT #2	USE PT #3	USE PT #4	USE PT #5
Length (Feet)					
Width Or Diameter (Feet)					
Depth – Maximum (Feet)					
Capacity (Gallons)					
Shape					
Condition					
Bird Ramp? (Yes/No)					
Cover? (Yes / No)					
Outside Height (Feet)					

DATA	E. PIPE LINES, DITCHES, FLUMES, ETC. – TOTAL CONVEYANCE LENGTH: _____ FEET				
	TO 1 ST USE	TO 2 ND USE	TO 3 RD USE	TO 4 TH USE	TO 5 TH USE
Length (Feet)					
Diameter (Feet)					
Slope					
Material					
Depth (Feet)					
Width (Feet)					

F. STOCKPONDS AND IMPOUNDMENTS	G. SKETCH
Type: _____ Reservoir _____ Pit _____ Lake _____ Pond Water Surface Shape At Capacity: _____ Square _____ Rectangle _____ Triangle _____ Circle _____ Oval _____ Ellipse _____ Half-Circle Other (Explain): _____ Measurement Method: _____ Tape _____ Pace _____ GPS Structural Height: _____ Ft. Hydraulic (Spillway) Height: _____ Ft. Calculated Volumes: Present Volume: _____ Acre-Ft Capacity: _____ Acre-Ft Surface Area: _____ Acres Construction Material: _____ _____ Outlet/Conduit Type: _____ _____ On Channel? Yes/ No Spillway Information: Depth: _____ Ft. Top Width: _____ Ft. Bottom Width: _____ Ft. Condition: _____	DIMENSIONS Upstream Ratio: _____ Ft. horizontal : 1 Ft. vertical Downstream Ratio: _____ Ft. horizontal : 1 Ft. vertical Dam Width Top _____ Ft. Bottom: _____ Ft. Dam Length Top _____ Ft. Bottom: _____ Ft.   <p>* Height from base to distinct high water line should be given where no spillway exists.</p> <div style="text-align: right;"> N  </div>