

WATER USES IDENTIFIER INFORMATION - ALASKA

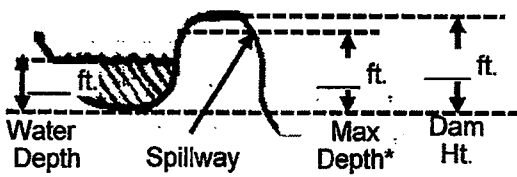
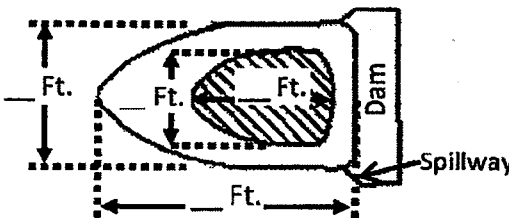
Sheet 1 of 2

A. SOURCE INFORMATION Source Name: <u>Campbell Cr Science Center Well</u> Watershed Name & No. (HUC5): <u>190204010601</u> Office Name: <u>Anchorage, F.O.</u> Project No. <u>-</u> Allotment Name & No.: <u>N/A</u> Date Constructed: <u>10-06-95</u> Special Land Management Designation: <u>Coastal Zone Mgt. Area</u> Tributary To: <u>South Fork Campbell Creek</u>		F. WATER RIGHTS INFO <input checked="" type="checkbox"/> Has existing water right Water Right Application/Permit/Certificate/TWUA # <u>LAS 18757</u>																																																	
B. SOURCE TYPES Spring <input type="checkbox"/> Stream <input type="checkbox"/> Well <input checked="" type="checkbox"/> Pond <input type="checkbox"/> Catchment <input type="checkbox"/> Other (Explain): _____ Developed <input checked="" type="checkbox"/> Undeveloped <input type="checkbox"/> Perennial <input checked="" type="checkbox"/> Ephemeral <input type="checkbox"/> Intermittent <input type="checkbox"/> Condition: <input checked="" type="checkbox"/> good <input type="checkbox"/> fair <input type="checkbox"/> poor <input type="checkbox"/> functional		G. DETAILED SKETCH (source & use points) Meridian: <u>Seward</u> USGS Quad Name(s): <u>Anchorage A-8 (63,360)</u> <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 150px; height: 150px; margin-right: 10px; position: relative;"> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 40px;">3</div> </div> <table border="1" style="border-collapse: collapse;"> <thead> <tr> <th colspan="2">Elevations (Feet)</th> </tr> </thead> <tbody> <tr> <td>Source</td> <td><u>250'</u></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> </tbody> </table> </div> <p>Notes on location:</p>		Elevations (Feet)		Source	<u>250'</u>	Use Point #1		Use Point #2		Use Point #3		Use Point #4		Use Point #5																																			
Elevations (Feet)																																																			
Source	<u>250'</u>																																																		
Use Point #1																																																			
Use Point #2																																																			
Use Point #3																																																			
Use Point #4																																																			
Use Point #5																																																			
C. OBSERVED USES: (Estimate percentages) Irrigation <input type="checkbox"/> Wildlife <input type="checkbox"/> Domestic <input checked="" type="checkbox"/> Instream <input type="checkbox"/> Stockwater <input type="checkbox"/> Municipal <input type="checkbox"/> Fire Control <input type="checkbox"/> Power Gen. <input type="checkbox"/> Mining <input type="checkbox"/> Recreation <input checked="" type="checkbox"/> Riparian Habitat Maintenance <input type="checkbox"/> Fish <input type="checkbox"/> Other (Explain): _____ Rationale For Percentage Estimates: _____ Season Of Use: <u>year long</u> Comments: <u>est. 100 persons/day</u>		H. LOCATION (source & use points) <table border="1" style="border-collapse: collapse; width: 100%;"> <thead> <tr> <th>Locations</th> <th>T</th> <th>R</th> <th>S</th> <th>1/4 1/4 1/4 / Lot No.</th> <th>Lat/Long</th> </tr> </thead> <tbody> <tr> <td>Source</td> <td>12N</td> <td>3W</td> <td>3</td> <td>SE NE NE</td> <td><u>61° 9' 25" N</u> <u>149° 46' 67" W</u></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>12N</td> <td>3W</td> <td>Sec 2, 3, 10,</td> <td>11 & 13</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	12N	3W	3	SE NE NE	<u>61° 9' 25" N</u> <u>149° 46' 67" W</u>	Diversion Point	"	"	"	"	"	Use Point #1	12N	3W	Sec 2, 3, 10,	11 & 13		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	12N	3W	3	SE NE NE	<u>61° 9' 25" N</u> <u>149° 46' 67" W</u>																																														
Diversion Point	"	"	"	"	"																																														
Use Point #1	12N	3W	Sec 2, 3, 10,	11 & 13																																															
Use Point #2																																																			
Use Point #3																																																			
Use Point #4																																																			
Use Point #5																																																			
D. VEGETATION OBSERVATIONS <u>graminoid/forb in mixed timber overstory</u>		I. PHOTOGRAPHS (label with date, location & description) Aerial Photos: Date & Time <u>4-4-11</u> <u>60418</u> <u>Earth</u> Ground Photos: Date & Time: _____ Pic #(s): <u>1, 2, 3</u> Comments: _____																																																	
E. WILDLIFE OBSERVATIONS <u>moose, black bear, brown bear, salmon (chum, king & sockeye)</u>		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 RW. <u>Ben drilled a well at the Campbell Cr Science Center in 1995 to supply drinking water at this facility; it is a public drinking water source, Class B system.</u> <u>- 2001 Source Water Assessment done for the Science Center</u>																																																	
K. RECORDER/OBSERVER INFORMATION (WHO RECORDED THE DATA?) Recorder: <u>Ben Stratton</u> Title: <u>Hydrologist, AFD</u> Signature: <u>[Signature]</u> Date/Time: <u>02-15-16 @ 1430</u> Observers: <u>None</u>																																																			

Campbell Creek
Science Center
Well form

QUANTIFICATION PROCEDURES FOR DEVELOPMENTS – ALASKA Sheet 2 of 2

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

A. GROUNDWATER WELL INFORMATION Casing Material: <u>steel</u> Casing Outside Diameter (OD): <u>6</u> In. Well Total Depth: <u>101</u> Ft. Water Level Depth: <u>55</u> Ft. Date Measured: <u>10-06-95</u> Method: _____ (example: e-sounder, e-tape, etc.) Measure point (MP) <u>top of casing</u> (example: top of case) MP height: <u>2</u> Ft. (distance from ground surface to MP) Pump /Engine Type: <u>10HP 4 stage turbine</u> Hp Or Capacity: <u>100 GPM</u> Windmill: Yes / <u>No</u> On Channel: Yes / <u>No</u> Artesian: Yes / <u>No</u> Gate Valve: Yes / <u>No</u>		B. WELL, DIVERSION, or SPRING FLOW AND WATER QUALITY INFORMATION: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>TRIAL #</th> <th>VOLUME:</th> <th>TIME:</th> <th>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: <u>N/A</u> (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 Length (Feet) Width Or Diameter (Feet) Depth – Maximum (Feet) Capacity (Gallons) Shape Condition Bird Ramp? (Yes/No) Cover? (Yes / No) Outside Height (Feet)		D. CONTAINMENTS AND CONVEYANCES – TOTAL #Tank(s): _____ # Trough(s): _____ <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>USE PT #1</th> <th>USE PT #2</th> <th>USE PT #3</th> <th>USE PT #4</th> <th>USE PT #5</th> </tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> </table>				USE PT #1	USE PT #2	USE PT #3	USE PT #4	USE PT #5																																													
USE PT #1	USE PT #2	USE PT #3	USE PT #4	USE PT #5																																																			
DATA Length (Feet) Diameter (Feet) Slope Material Depth (Feet) Width (Feet)		E. PIPE LINES, DITCHES, FLUMES, ETC. – TOTAL CONVEYANCE LENGTH: _____ FEET <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>TO 1st USE</th> <th>TO 2nd USE</th> <th>TO 3rd USE</th> <th>TO 4th USE</th> <th>TO 5th USE</th> </tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> </table>				TO 1 st USE	TO 2 nd USE	TO 3 rd USE	TO 4 th USE	TO 5 th USE																																													
TO 1 st USE	TO 2 nd USE	TO 3 rd USE	TO 4 th USE	TO 5 th USE																																																			
F. STOCKPONDS AND IMPOUNDMENTS 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>		G. SKETCH 