



State of Alaska  
Department of Fish and Game  
Division of Sport Fish

Nomination Form  
Anadromous Waters Catalog

M

Region Southcentral

USGS Quad(s) Talkeetna B-1

Anadromous Waters Catalog Number of Waterway 247-41-10200-2361-3051-0010-0020

Name of Waterway unnamed tributary to Drywater Creek  USGS Name  Local Name

Addition  Deletion  Correction  Backup Information

For Office Use

Nomination #	<u>11-366</u>	<u>[Signature]</u> Fisheries Scientist	<u>10/14/11</u> Date
Revision Year:	<u>2012</u>	<u>[Signature]</u> Habitat Operations Manager	<u>10/14/11</u> Date
Revision to:	Atlas <u>      </u> Catalog <u>      </u> Both <u>  4  </u>	<u>[Signature]</u> AWC Project Biologist	<u>9/21/11</u> Date
Revision Code:	<u>A-2, [Signature]</u>	<u>[Signature]</u> Cartographer	<u>4/15/11</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho	Sept 06, 2011		x	x	<input checked="" type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

**IMPORTANT:** Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

**Comments:**  
Five juvenile Coho Salmon captured in a minnow trap set overnight in a contiguous wetland located at 62.33998,-150.24804. This wetland is connected directly to Drywater Creek. These Coho were identified, measured to the nearest mmFI then released alive. See attached field data sheet.  
add new stream w/ coho salmon rearing or present  
add new lakes- 3051-0010 & 3051-0020 w/ coho salmon present

Name of Observer (please print): Joshua Buckmaster Phone: OFFICE 339-7620 Cell: 406-231-4004  
Signature: [Signature] Date: Sept 19, 2011  
Agency: ASRC-RTS  
Address: 2700 Gambell St. Suite 200  
Anchorage, AK 99503

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Anadromous Waters Catalog.

Signature of Area Biologist: \_\_\_\_\_ Date: \_\_\_\_\_ Revision \_\_\_\_\_  
02/08

**Stream Crossing Data Form:**  
Alaska Gasline Development Corporation/ASAP Project

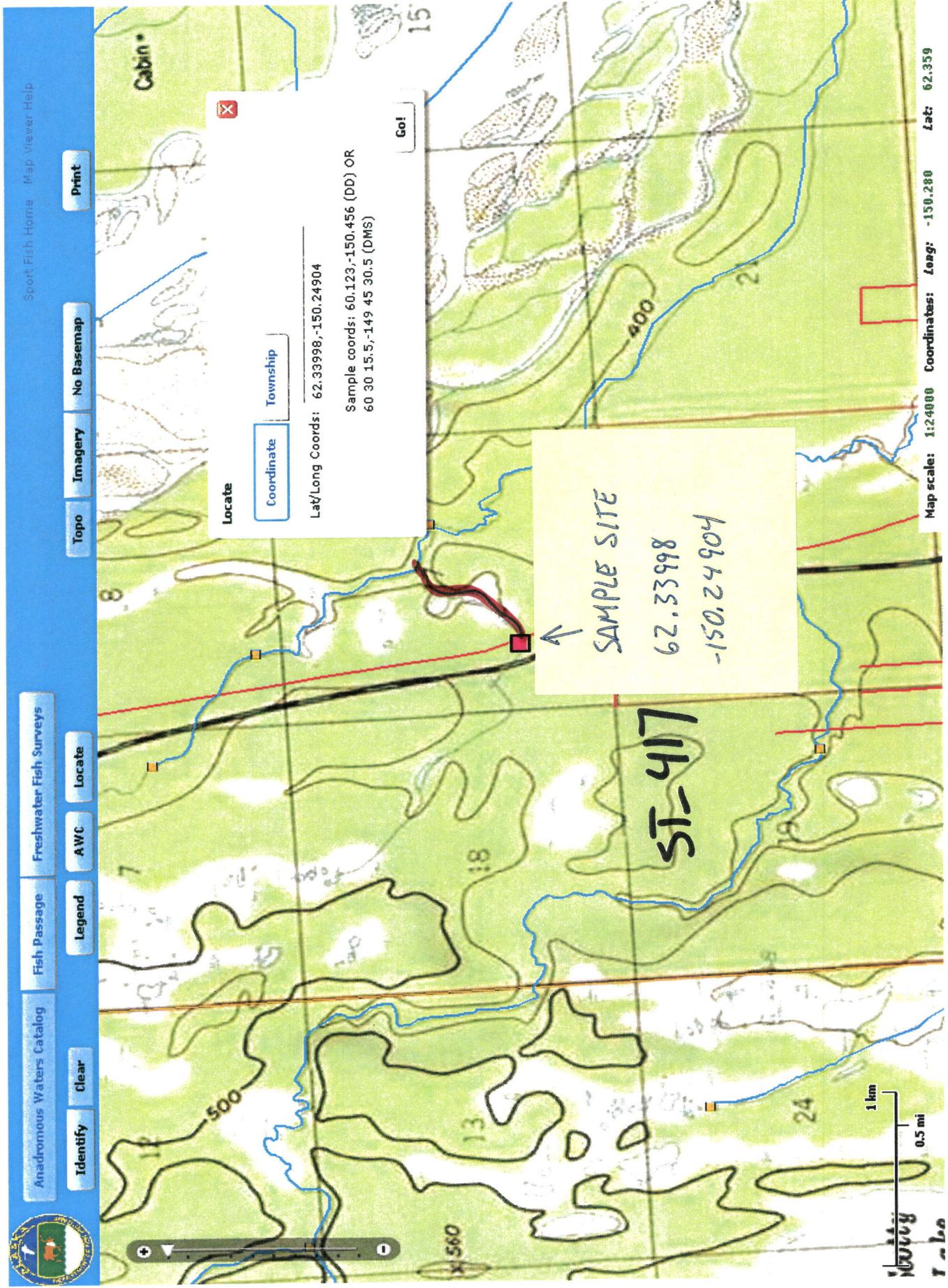
Date: 9/6/2011		Investigator(s): QB CB		Survey Type: Full	
Stream/Water body Name:			Arrival Time:		
Site ID: ST 417F			Departure Time:		
Survey Point - Latitude*: 62.33998		Longitude*: -150.24904			
Stream Reach lower and upper end points:		Lat/Long Lower*:		Lat/Long Upper*:	
Photograph Information (i.e. number, description) 2500105 - wetland					
Weather:			Precipitation:		
<input checked="" type="checkbox"/> Cloudy <input type="checkbox"/> Partly Cloudy <input type="checkbox"/> Mostly Cloudy <input type="checkbox"/> Clear			<input checked="" type="checkbox"/> None <input type="checkbox"/> Rain <input type="checkbox"/> Showers <input type="checkbox"/> Snow		
Electrofishing Stream Reach lower and upper end points: Lat/Long Lower*: Lat/Long Upper*: N/A					
<b>Physical/Chemical Attributes</b>		<b>Electrofishing Attributes</b> N/A			
Water Temp (°C): 10.51°C		Start Time:	End Time:	Permit Required Reach Length (m) (Reach Length = 40 times Channel Width)	
Air Temp (°C): 15°C		Volts (V):		Actual Sample Reach Length (m):	
pH: 5.54	ORP: 8.5	Current (I or A):		Duty Cycle (%):	
Dissolved Oxygen (mg/l): 8.17		Power (W):		EF Time (s):	
Conductivity (µS/cm) (µS/cm²): 10 10.014		Frequency (Hz):		Waveform:	
Turbidity (NTU): 2.13		Sampling Efficiency (% of sample reach sampled):			
Riparian Zone: width of natural vegetation zone from edge of active channel out 5m					
Left Bank 5 (m)		Right Bank 5 (m) (looking downstream)			
Vegetation Layers - Right Bank: _____ % Trees   _____ % Shrubs   100 % Herbs					
Vegetation Layers - Left Bank: _____ % Trees   _____ % Shrubs   100 % Herbs					
Comments: Wetland Slough - Sedges & Equisetum cover 100% of area. No open pockets of water - 1 area @ Culvert outlet large enough to set 1 net. Not able to set electrofish due to vegetation; No defined channel. Caught 1 Salmonid - unable to ID as it escaped before ID was possible ≈ 70mm Replaced Trap Fish Caught Coho 70, 64, 71, 63, 66      5 total fish					
# of Minnow Traps set: 1		Set Time: 3:30		Pick Time: 6pm	Total Soak Time: 2.5
Stream Attributes (at crossing)      Repicked @ 12pm - Caught 5 fish					
Flow Type: Perennial _____ Seasonal <input checked="" type="checkbox"/>		Stream Substrate (% Corridor=100%)			
Channel width (m/ft) @ OHW: 20m		Silt	Sand	Gravel	Cobble
Wetted Width (m/ft): 20m		Rubble	Boulder	Bedrock	Organics
Water Level relative to OHW (cm/in):		Bank Structure (% of Corridor)		Right Bank	Left Bank
Channel width (m/ft)		Unvegetated (Gravel, Sand, Silt)			
Thalweg depth (m/ft)		Vegetated Overhanging			
Upwelling's/Ground-Water Seeps: Y <input checked="" type="checkbox"/> N		Vegetated Emergent/Aquatic			
Channel Structure (% of Corridor)		Undercut Bank			
Pools		Woody Debris/Roots			
Runs		Boulder/Cobble			
Riffles		Other (Manmade)			

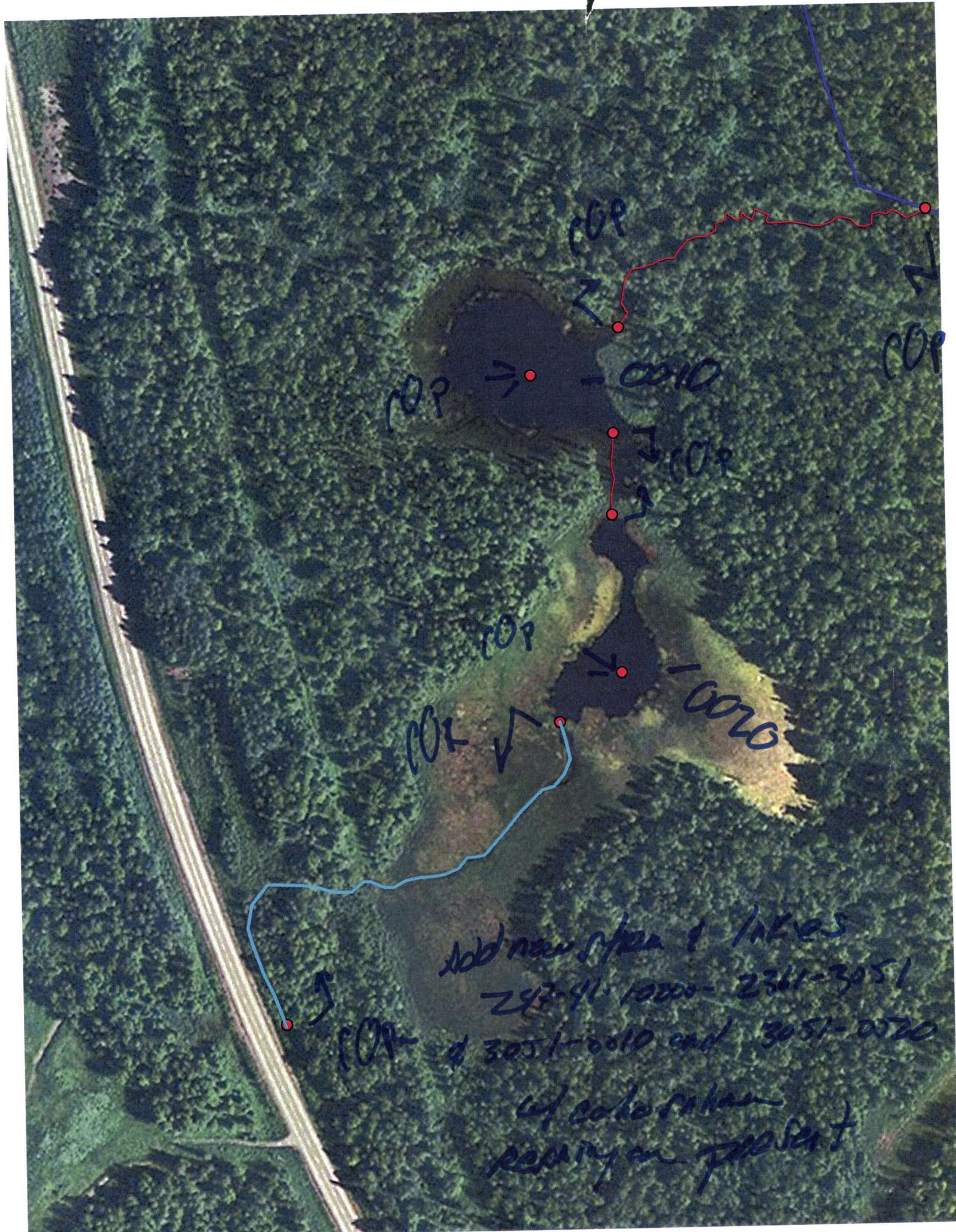
**Stream Crossing Data Form:**  
Alaska Gasline Development Corporation/ASAP Project

Stream Attributes (at crossing) (continued)			
Pools < 5 feet (Depth)		Pools > 5 feet (Lat/Long*)	
	1		5
	2		6
	3		7
	4		8
Anadromous Fish Caught: Yes / No		Resident Fish Caught: Yes / No	
Perched Culvert/Barriers: Yes / No			
Stream Gradient /Fish Passage > ___ < ___ 20%			
Habitat Value (High, Moderate, Low)		Spawning:	Rearing: Winter: None:
Potential Overwinter habitat within 600 feet of the downstream boundary of the pipeline corridor <input type="checkbox"/> Yes <input type="checkbox"/> No			
Dominant Substrate 600 feet downstream of pipeline corridor			
Lat/Long* of Pools > 5 feet below crossing	Pool Depth @ OHW	Lat/Long* of Pools > 5 feet below crossing	Pool Depth @ OHW
1		6	
2		7	
3		8	
4		9	
5		10	
Plan View of Stream Crossing: (Include North arrow, direction of flow, survey location, location of pools, etc.)			
<p align="center">36" culvert <i>Pools</i> N →</p> <p align="center"><i>Wetland Area No defined channel</i> <i>3-6" Standing water</i></p> <p align="center"><i>Birch Trees</i> <span style="float: right;"><i>Birch Trees</i></span></p>			
Stream Profile (cross sectional at crossing)			
<p align="center"><i>Sedges look N</i></p> <p align="right"><i>Pole Road</i></p>			

\*Decimal degrees WGS84







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0010

0020

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0020

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add new area of lakes  
 297-91-1000-2361-3051  
 & 3051-0010 end 3051-0020

of coloration  
 ready on present