**BEAVER DAM & ACTIVITY MONITORING FORM**

### OBSERVATION INFO

| Observer Name: ___________________________ |
| Site ID: ___________________________ |
| Observation Date: ___________________________ |

### OBSERVATION TYPE:

- ○ Beaver Dam
- ○ BDSS
- ○ Beaver Activity (no dam)

### OBSERVATION CHRONOLOGY

- ○ New Observation of New Feature
- ○ First Observation of Existing Feature
- ○ First Observation of Relic Feature
- ○ Repeat Observation of Existing Feature

### STATUS

- ○ Active
- ○ Abandon
- ○ Historic/Relic

### CONFIDENCE IN STATUS

- ○ Certain - Documented Evidence
- ○ Probable - Strong Evidence
- ○ Possible - Anecdotal or Inconclusive Evidence
- ○ Unsure - Just a guess

### FLOW CONDITION

- ○ Baseflow
- ○ Spring runoff
- ○ Flood
- ○ Post Flood

### POSITIONAL ATTRIBUTES

| GPS UTM Easting: ___________________________ |
| GPS UTM Northing: ___________________________ |

### DAM LOCATION RELATIVE TO CHANNEL(S)

- ○ On Main Channel
- ○ On Right Side Channel(s)
- ○ On Left Side Channel(s)
- ○ On Left Floodplain
- ○ On Right Floodplain

### PART OF DAM COMPLEX?

| Dam Complex ID ___________________________ |

- ○ Start of new dam complex
- ○ Existing dam complex
- ○ NA - Isolated Dam
- ○ NA - Non-Dam

### DAM ATTRIBUTES AT TIME OF SURVEY (IF APPLICABLE)

| Max dam height (m) +/- 0.1 m ___________ |
| Max pond depth (m) +/- 0.1 m ___________ |
| Water Surface Difference (m) (m) +/- 0.1 m ___________ |
| Dam Length (m) (m) +/- 1 m ___________ |

### DISTANCE UPSTREAM OF POND BACKWATER

- ○ < 5 m
- ○ 5 - 10 m
- ○ 10 - 25 m
- ○ 25 - 50 m
- ○ 50 - 100 m
- ○ > 100 m

### FLOODPLAIN INUNDATION

- ○ During Extreme Floods - River Right
- ○ During Extreme Floods - River Left
- ○ During Seasonal Floods - River Right
- ○ During Seasonal Floods - River Left
- ○ Year Round Inundation - River Right
- ○ Year Round Inundation - River Left

### SIDE CHANNELS

- □ None
- □ Single Left
- □ Multiple Left
- □ Single Right
- □ Multiple Right

### DAM MATERIALS USED (CIRCLE DOMINANT)

- ○ Woody branches > 15 cm diameter
- ○ Woody branches < 15 cm diameter
- ○ Mud
- ○ Grass / Reeds
- ○ Other organic
- ○ Cobble or Boulders

### ESTIMATED DAM AGE

- ○ < 1 year
- ○ 1-3 years
- ○ 3-5 years
- ○ 5-10 years
- ○ > 10 years
DAM CONDITION (IF APPLICABLE)

FLOW TYPES
(Specify Value 0-100%; Sum should be 100%)
- Flow Over Top
- Basal Flow
- Throughflow
- Flow Around Left
- Flow Around Right
- Total Check = 100%

DAM BREACH OR BLOWOUT
- In-tact
- Minor breach (< 25 cm height) on left
- Minor breach (< 25 cm height) on right
- Minor breach (< 25 cm height) on center
- Minor basal breach
- Major breach (> 25 cm height) on left
- Major breach (> 25 cm height) on right
- Major breach (> 25 cm height) on center
- Major basal breach
- Blowout (whole height of dam breached)

RECENT BEAVER ACTIVITY:
(Only answer all questions with respect to recent (past 6 months))

DAM EXPANSION
- Certain - Documented Evidence
- Probable - Strong Evidence
- Possible - Anecdotal or Inconclusive Evidence
- Unsure - Just a guess
- No Evidence of Activity

DAM CONSTRUCTION
- Certain - Documented Evidence
- Probable - Strong Evidence
- Possible - Anecdotal or Inconclusive Evidence
- Unsure - Just a guess
- No Evidence of Activity

DAM MAINTENANCE
- Certain - Documented Evidence
- Probable - Strong Evidence
- Possible - Anecdotal or Inconclusive Evidence
- Unsure - Just a guess
- No Evidence of Activity

SCENT MOUND
- Certain - Documented Evidence
- Probable - Strong Evidence
- Possible - Anecdotal or Inconclusive Evidence
- Unsure - Just a guess
- No Evidence of Activity

CANAL DIGGING
- Certain - Documented Evidence
- Probable - Strong Evidence
- Possible - Anecdotal or Inconclusive Evidence
- Unsure - Just a guess
- No Evidence of Activity

POND EXCAVATION
- Certain - Documented Evidence
- Probable - Strong Evidence
- Possible - Anecdotal or Inconclusive Evidence
- Unsure - Just a guess
- No Evidence of Activity

DAM NOTCHING
- Certain - Documented Evidence
- Probable - Strong Evidence
- Possible - Anecdotal or Inconclusive Evidence
- Unsure - Just a guess
- No Evidence of Activity

DRAINING/FLUSHING
- Certain - Documented Evidence
- Probable - Strong Evidence
- Possible - Anecdotal or Inconclusive Evidence
- Unsure - Just a guess
- No Evidence of Activity

POND CAPACITY
- Clean
- Minor Sedimentation
- Partial Filling (upto 50% of original pond capacity)
- Major Filling (50% to 95% of original pond capacity)
- Full of sediment (no longer a pond)

DOMINANT SUBSTRATE IN DEEPEST PART OF POND
- Fines (clays and silts)
- Sands
- Gravels
- Cobble
- Food Cache & Fines

DOMINANT SUBSTRATE AT POND ENTRANCE
- Fines (clays and silts)
- Sands
- Gravels
- Cobble
- Food Cache & Fines

NOTES:

CORN ON THE COB (FORAGING)
- Certain - Documented Evidence
- Probable - Strong Evidence
- Possible - Anecdotal or Inconclusive Evidence
- Unsure - Just a guess
- No Evidence of Activity

FELLING OF TREES
- Certain - Documented Evidence
- Probable - Strong Evidence
- Possible - Anecdotal or Inconclusive Evidence
- Unsure - Just a guess
- No Evidence of Activity

HARVESTING OF BRANCHES
- Certain - Documented Evidence
- Probable - Strong Evidence
- Possible - Anecdotal or Inconclusive Evidence
- Unsure - Just a guess
- No Evidence of Activity

SKID TRAIL USAGE
- Certain - Documented Evidence
- Probable - Strong Evidence
- Possible - Anecdotal or Inconclusive Evidence
- Unsure - Just a guess
- No Evidence of Activity

PRIMARY WOOD HARVESTED
- Aspen
- Cottonwood
- Willow
- Other Hardwoods
- Conifers
- No active harvesting

ABOVE GROUND LODGE MAINTENANCE OR CONSTRUCTION
- Certain - Documented Evidence
- Probable - Strong Evidence
- Possible - Anecdotal or Inconclusive Evidence
- Unsure - Just a guess
- No Evidence of Activity

BANK LODGE MAINTENANCE OR CONSTRUCTION
- Certain - Documented Evidence
- Probable - Strong Evidence
- Possible - Anecdotal or Inconclusive Evidence
- Unsure - Just a guess
- No Evidence of Activity