

OPERATION, MAINTENANCE & SURVEILLANCE PLAN

Dam Name: _____

Dam File Number: _____ Water Licence No.: _____

Owner's Name: _____ Phone #: _____

Stream Name: _____ Reservoir Name: _____

Dam Location: **Latitude:** _____ **Longitude:** _____ **Map Sheet No.** _____

LIST INDIVIDUALS WHO ARE RESPONSIBLE FOR:

<u>Name</u>	<u>Title</u>	<u>Phone #</u>
Operation: _____		
Maintenance: _____		
Inspections: _____		
Instrumentation: _____		

PHYSICAL DESCRIPTION:

Dam Height: _____ Dam Type: _____

Length: _____ Crest Width: _____

Reservoir Capacity: _____ Reservoir Area: _____

Spillway Capacity: _____ Design Flood Inflow: _____

Watershed Area: _____ Purpose of Dam: _____

Consequence Classification: _____

ACCESS TO DAM: (describe road access to dam from nearest center, attach map to this Plan)

LIST SIGNIFICANT STRUCTURES DOWNSTREAM OF DAM: (i.e., access road, railroad, subdivision etc.)

LIST ALL HYDRAULIC WORKS: (i.e., spillway, outlet, stoplogs, gates, valves etc. (include capacity, dimensions, locations etc.))

LIST PROCEDURES FOR RESERVOIR OPERATION: (i.e., how is reservoir level controlled? what is the anticipated reservoir level for any given time of year? when are the drawdown and filling periods? what are the operation procedures during floods?)

LIST ALL ITEMS REQUIRING ROUTINE MAINTENANCE: (include type of maintenance to be performed, scheduling of maintenance, record keeping, etc.)

LIST ALL INSTRUMENTATION, FREQUENCY OF MONITORING, AND METHOD OF RECORD KEEPING: (i.e., seepage measurement weir, reservoir level gauge, piezometers, etc.)

LIST OF EQUIPMENT TO BE PERIODICALLY TEST OPERATED: (i.e., gates, valves, hoists, etc. include frequency of test operation)

LIST ALL COMPONENTS REQUIRING ROUTINE VISUAL INSPECTIONS: (include schedule) (e.g. weekly, monthly, quarterly, annually etc.)

ANNUAL FORMAL INSPECTIONS BY OWNER: *(include; time of year when performed, special items to be examined, reviewed, and/or test operated)*

ATTACH THE FOLLOWING INFORMATION TO THIS PLAN:

- *All dam design plans including as-built, if available.*
- *A location map showing the dam location relative to major roads and/or communities.*
- *All past inspection reports.*
- *An inspection checklist.*
- *A log showing repairs done and operating problems.*