Appendix C

Deterioration of top of non-overflow section – right side of dam

Upstream of dam rocky bottom
Upstream wall of old dam entrance location – flow beyond wall through 4-foot height window through dam

Overflow of old dam access location looking toward the right abutment
Dam upstream concrete in good condition

Minor undercutting – 12” wide
4" x 4" depression in concrete from wood formwork (wood present)

Exposed rebar
4” x 4” depression in concrete with wood present

Spalled concrete area – approx. 12” x 8’ x 4” depth, 2’ above mud line
Indent 2’ x 10” with minor spalling

Exposed rebar above silt
Exposed rebar above silt

Spalling 1’ x 1’ x 10” depth and rebar exposed
Small undercut approx. 4” depth

Spalling along toe
Spalling and undercutting at toe

Spalled area with rebar exposed
Wood formwork in concrete

Exposed rebar at toe
Exposed rebar at toe
Spalling at cold joint partway up dam

Formwork along toe
Formwork and rebar along toe

Square opening 12” depth with exposed rebar – 20’ from left abutment
Spalling at dam left abutment and wall connection

Left dam abutment at overflow section
Appendix D

Dam cold joint deterioration at toe of apron near left abutment

Dam cold joint deterioration at toe of apron near left abutment
Under cutting of toe of apron – 4’ depth

Cold joint deterioration and undercutting at toe of apron
Undercutting of toe of apron

Exposed rebar, deterioration and undercutting at toe of apron
Exposed rebar, deterioration and undercutting at toe of apron

Exposed rebar, deterioration and undercutting at toe of apron
Exposed rebar, deterioration and undercutting at toe of apron

Exposed rebar, deterioration and undercutting at toe of apron
Exposed rebar, deterioration and undercutting at toe of apron

Exposed rebar, deterioration and undercutting at toe of apron
Deterioration and undercutting at toe of apron

Exposed rebar on dam apron
Exposed rebar, deterioration and undercutting at toe of apron

Deterioration and undercutting at toe of apron
Exposed rebar, deterioration and undercutting at toe of apron

Undercutting below vertical wall at old access location on dam
Undercutting below vertical wall at old access location on dam – timber noted

Undercutting below old access location on dam
Bedrock below the dam apron

Undercutting of toe of apron
Exposed rebar, deterioration and undercutting at toe of apron

Exposed rebar, deterioration and undercutting at toe of apron
Undercutting under 3-foot protrusion of concrete 6-foot width from apron

Undercutting under apron on WTP side of protrusion
Appendix E

Left abutment wall spalling

Left abutment wall and tunnel outlet
Undercut at left abutment wall at toe of apron of dam

River wall undercutting – left abutment downstream of dam
Map Document

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