VOLUME III

PHASE I

DOCUMENTARY AERIAL DAM SAFETY INSPECTION PHOTOGRAPHS
LAKE LURE DAM AND APPURTENANCES

North Carolina ID No. RUTHE-003
Federal ID No. NC – 100
Project No. ME-16-006

Prepared For:

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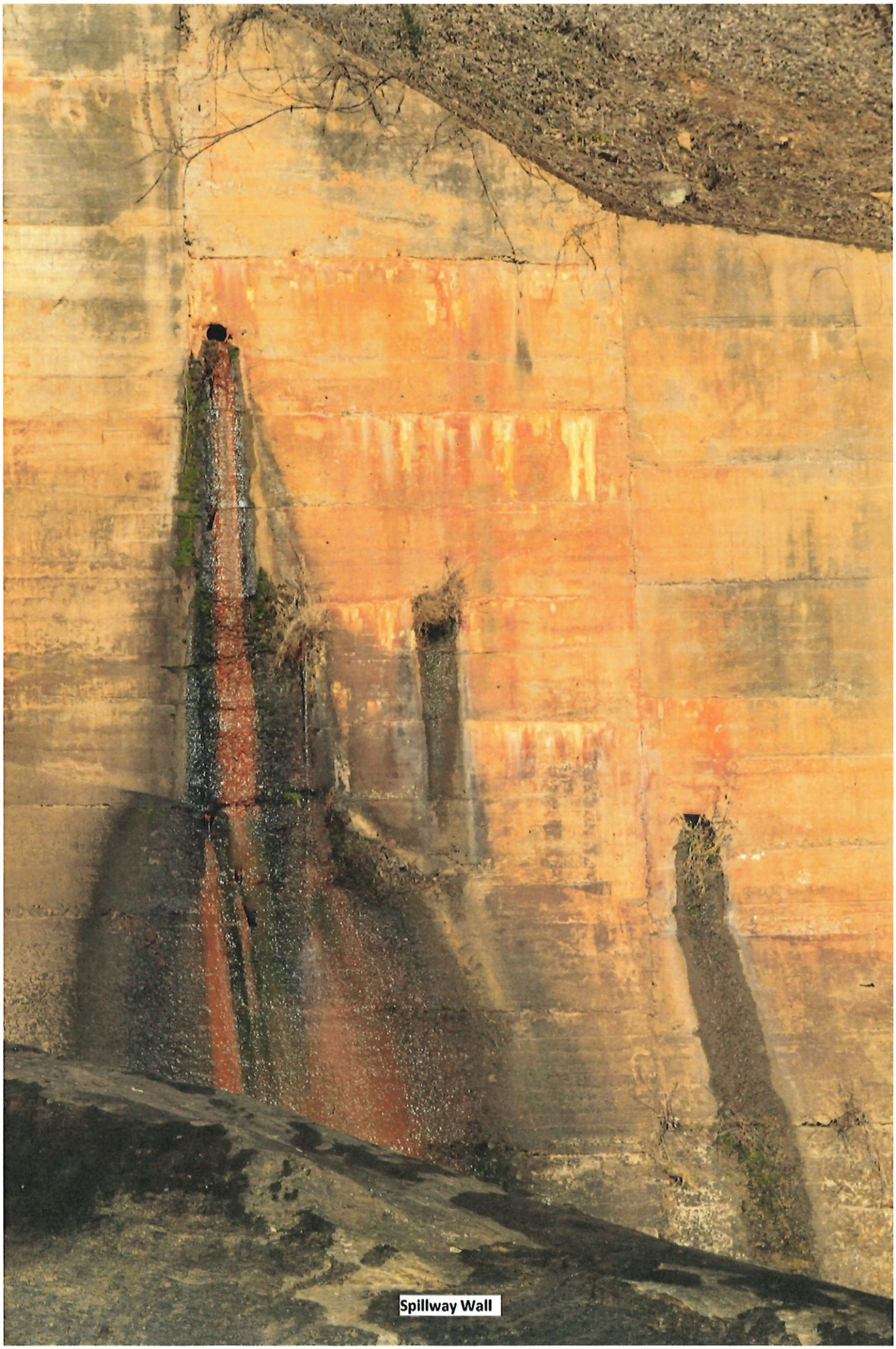
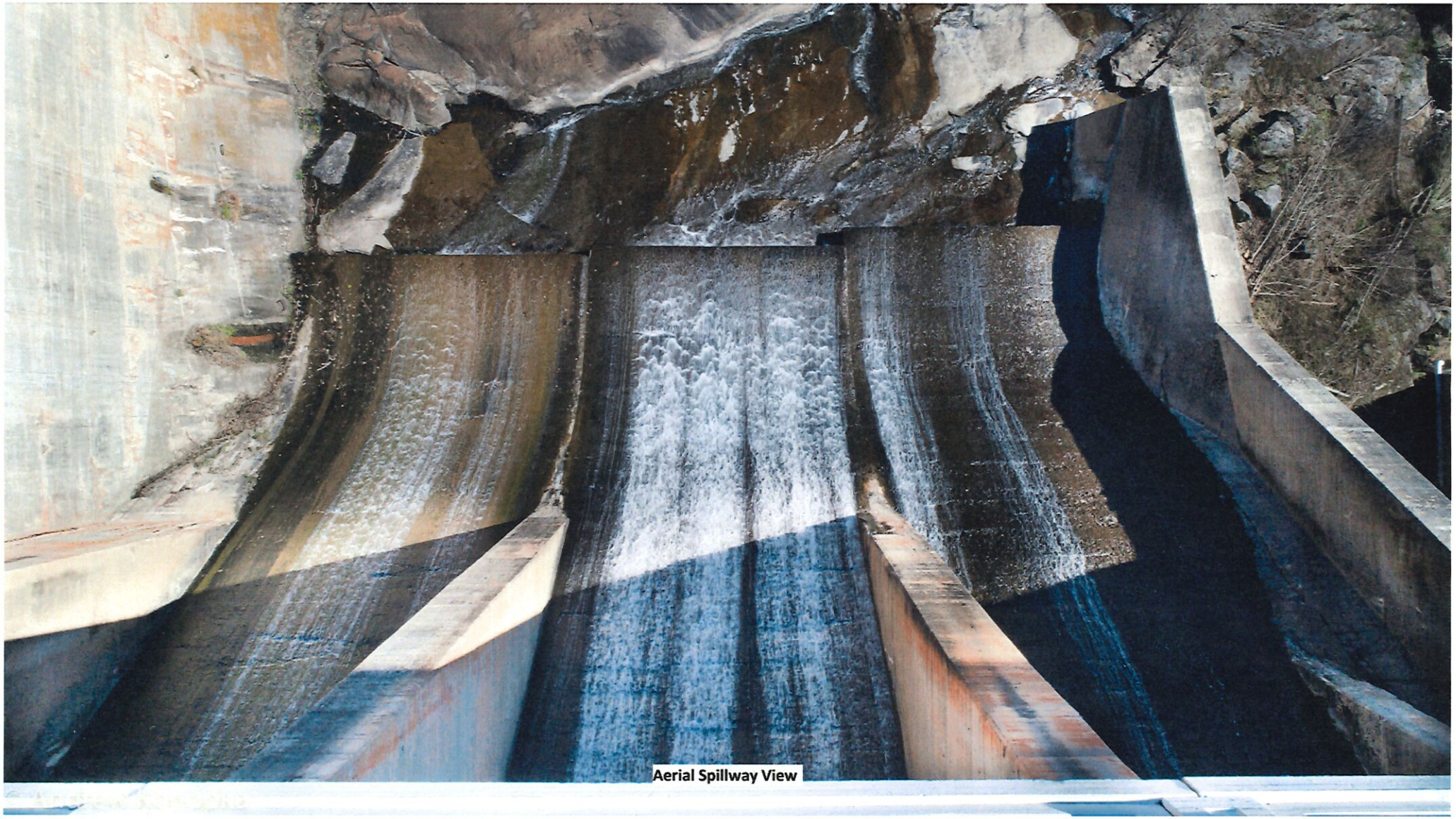
September 1, 2017



Spillway Wall

Aerial View of Spillway Wall at 250'

Aerial of Spillway Wall at 200'



Aerial Spillway View

Tainter Gate #1
© Andrew Konopka

Tainter Gate #2
Leaks and Vegetation are visible

© Andrew Konopka

© Andrew Konopka

Trash Gate

Center Of Arch Upper View. Bay #4

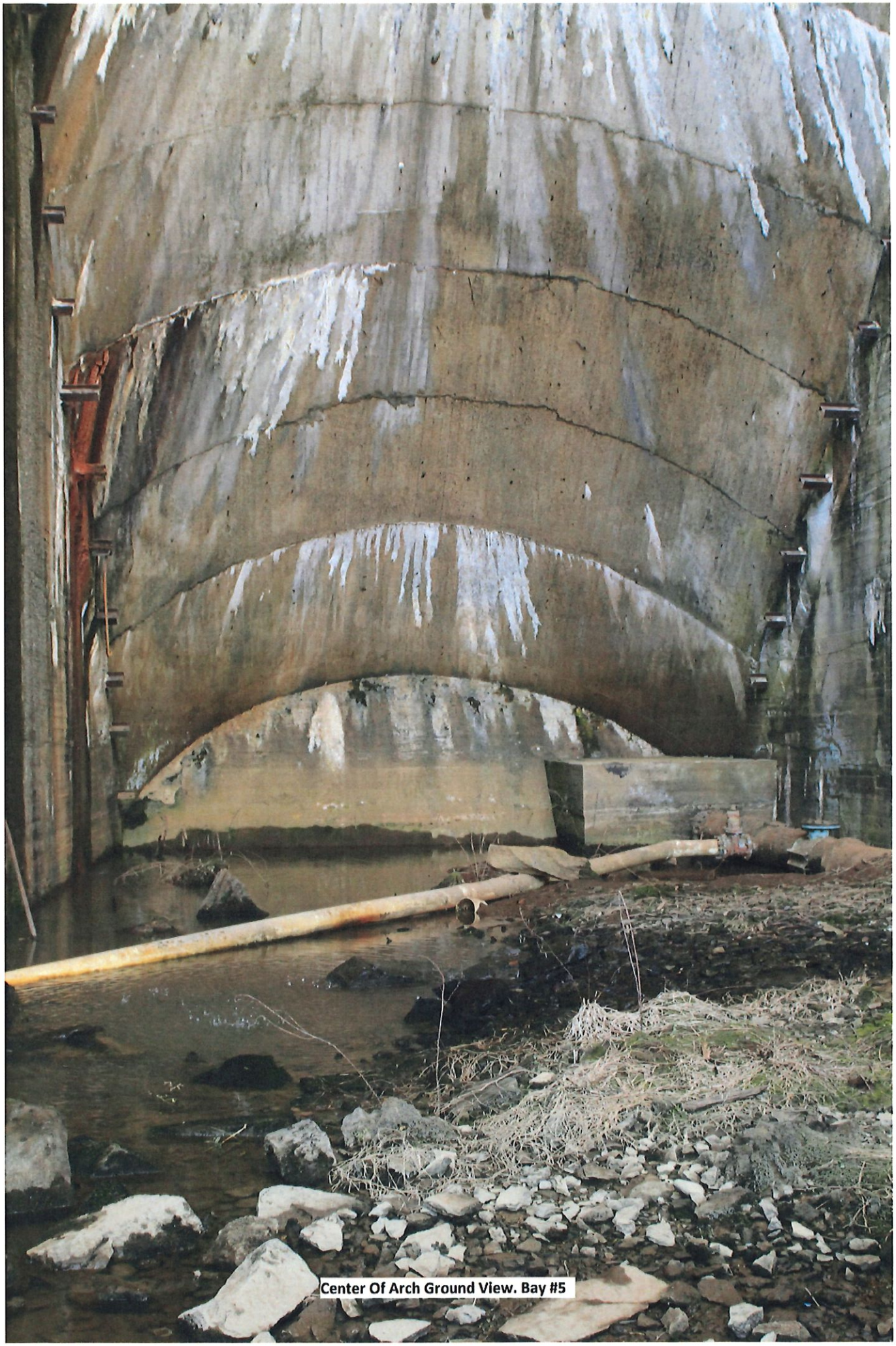
Left Side Of Buttress Upper View. Bay #4

Right Side Of Buttress lower View. Bay #4

Right Side Of Buttress Upper View. Bay #4

Under Bridge View. Bay #4

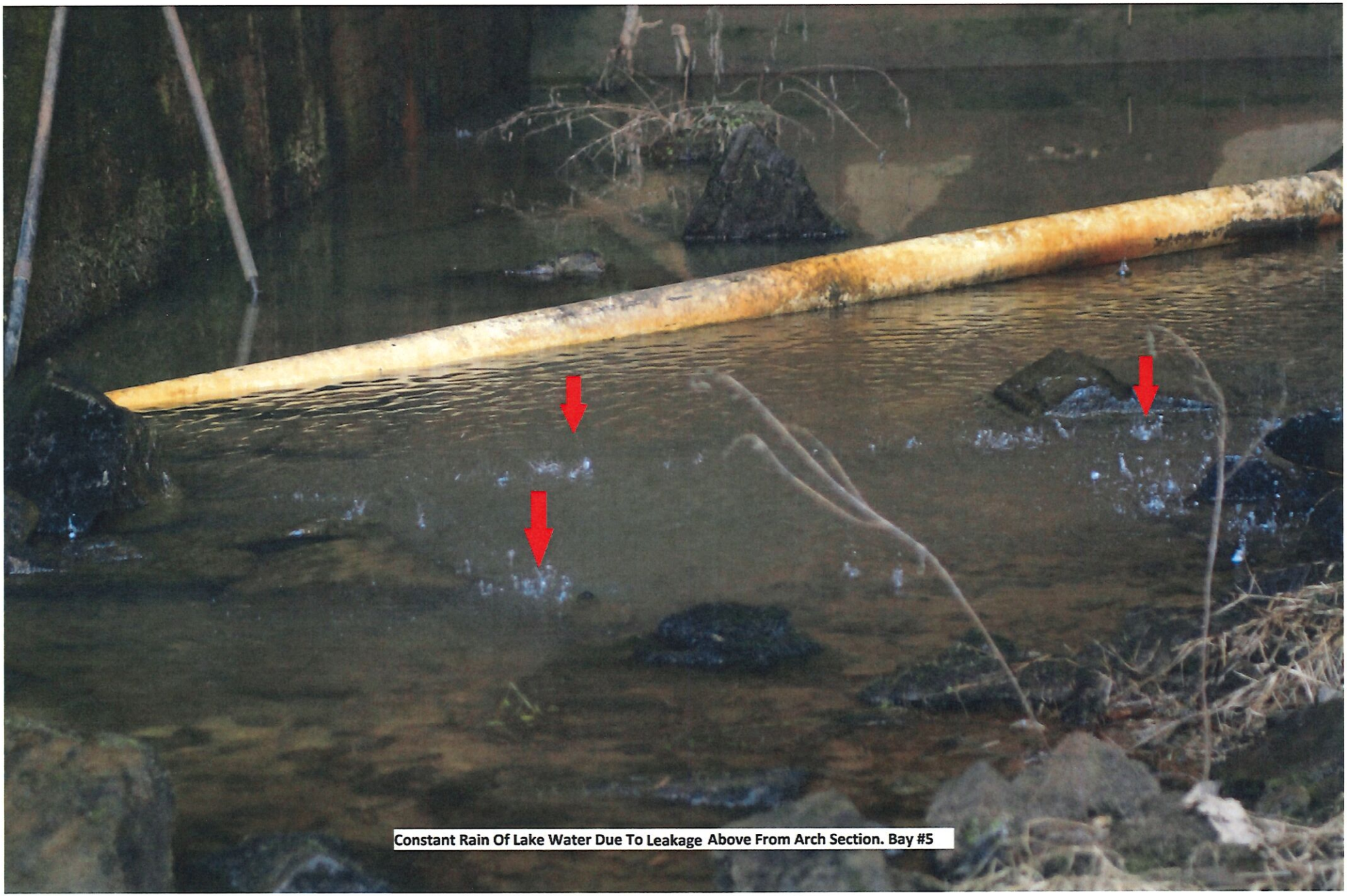
Bay #6 Upper View



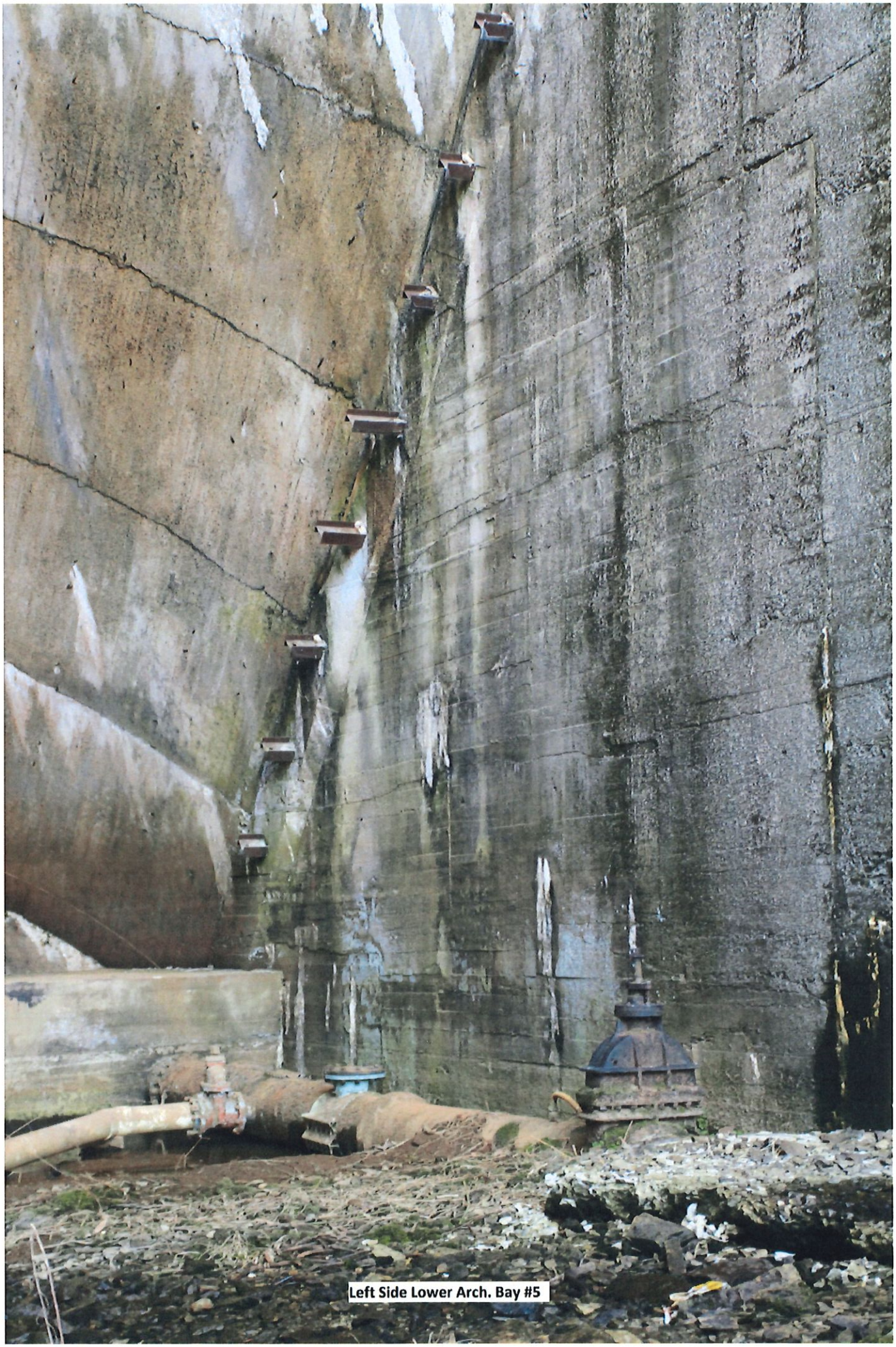
Center Of Arch Ground View. Bay #5

Center Of Arch Upper View Leakage Coming From Arch Section. Bay #5

Center Of Arch Upper View. Bay #5



Constant Rain Of Lake Water Due To Leakage Above From Arch Section. Bay #5



Left Side Lower Arch. Bay #5

Left Side Upper Arch View. Bay #5

Mid Section Of Arch. Bay #5

Right Side Lower Arch View. Bay #5

Right Side Lower Rear Buttress View. Bay #5

Right Side Of Buttress lower View. Bay #5

Right Side Of Buttress Upper View. Bay #5

Sewer Pipe. Bay #5

Sewer System Access. Bay #5