Located in Summers County just upstream of Hinton, West Virginia on the New River, a tributary of the Kanawha River the dam has a contributing drainage area of approximately 4,600 square miles.

The purpose of the dam is to reduce flood risks along the New, Kanawha, and Ohio River Basins within West Virginia. These are the largest and most populous river valleys in West Virginia.

A Dam Safety Assurance (DSA) is underway address deficiencies that could lead to a breach. A breach would cause catastrophic flooding along the largest river valleys in West Virginia that include the capital city of Charleston and major manufacturing and chemical industries.

To date Phases 1, 2A, 2B, 3 and 4 have been accomplished.

Phase 5 is intended to completely modify the primary stilling basin to pass flows in excess of 800,000 cubic feet per second without scouring unlined stilling basin.
Bluestone Dam, Dam Safety Assurance
PHASE 5—Basin Cofferdam

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CONTRACTORS WORK LIMITS

GREEN - GOVERNMENT PROPERTY BOUNDARY
RED - PHASE 5 BASIN WORK LIMITS - TARGET AWARD DATE OCT. 2019
RED CROSS HATCHED AREA - LEASED PROPERTY OUTSIDE GOVERNMENT BOUNDARY FOR CONTRACTOR USE
Bluestone Dam, Dam Safety Assurance
PHASE 5

PROTETING 160,000 lives !ND $20 ILLION IN DEVELOPMENT
RE!TING 100S OF JOBS IN APP!L!HI!

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PHASE 5—Stilling Basin Work

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PHASE 5—Stilling Basin Work
Continued

Divider Wall, Gallery, Tunnel

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PHASE 5—

State Route 20 Side—Fishing Pier

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