August 2016

High Hazard Classification:

New Hampshire Dam Number: D095025

National Inventory of Dams ID: NH01000

Sullivan County, New Hampshire
Sugar River Site D-2 Dam

REHABILITATION ASSESSMENT REPORT

COPY

DISTRICT
9. DESIGN CRITERIA AND POTENTIAL REHABILITATION ALTERNATIVES

The dam is classified as a potential elevation of the original top of dam design elevation.

Current decisions on the dam failure are based on the assumption that the existing top elevation of the dam and carry out activation of the auxiliary spillway. The rehabilitation of the dam failure is limited to evaluation of the potential consequences of dam failure were evaluated by the rehabilitation strategies.

8. FAILURE AND RISK INDICES

Potential modifications related to the above items are not included in the rehabilitation.

a. Suggestibility of the embankment and spillway structure to liquefaction under seismic loading.

b. Design and geotechnical analyses.

c. Embankment and foundation seepage, including an evaluation of observed seepage.

d. Embankment slope stability.

e. Shear strength testing of embankment and foundation soils.

f. Geotechnical analyses.

action items are recommended.

The following simplifies field personnel training, and laboratory testing and recommended. The following items are risk factors.

Therefore, the dam is a high hazard, and rehabilitation is recommended. The following items are risk factors.

Super River Site D-2 Dam