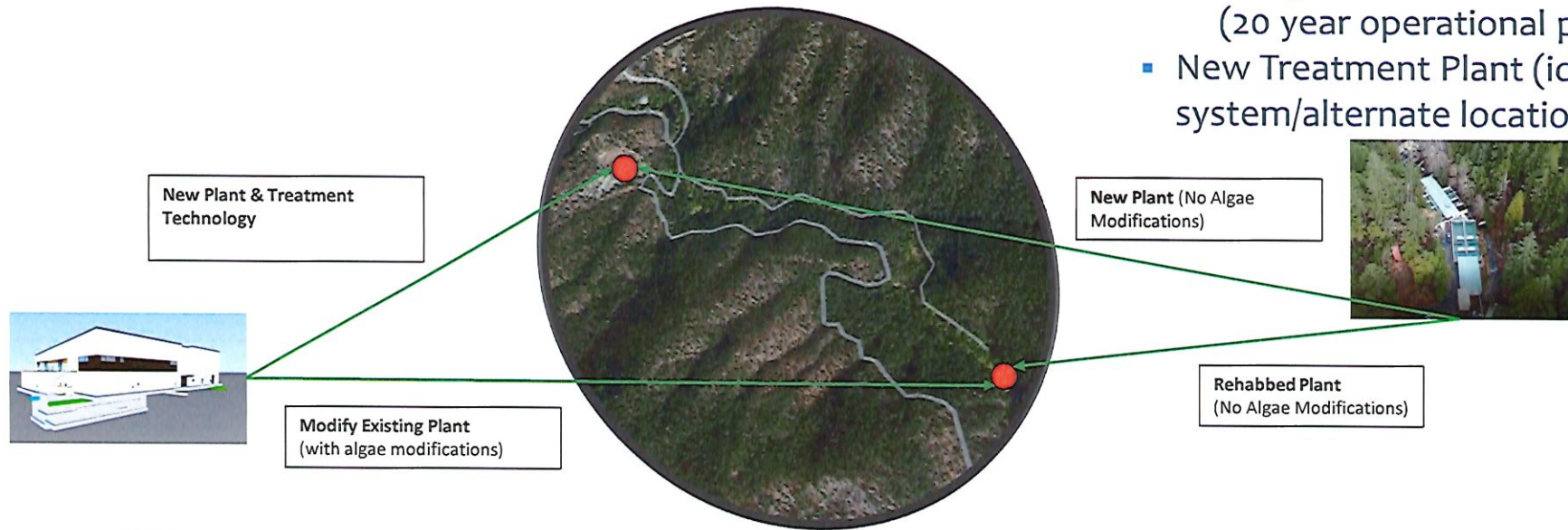


Water Treatment Plant

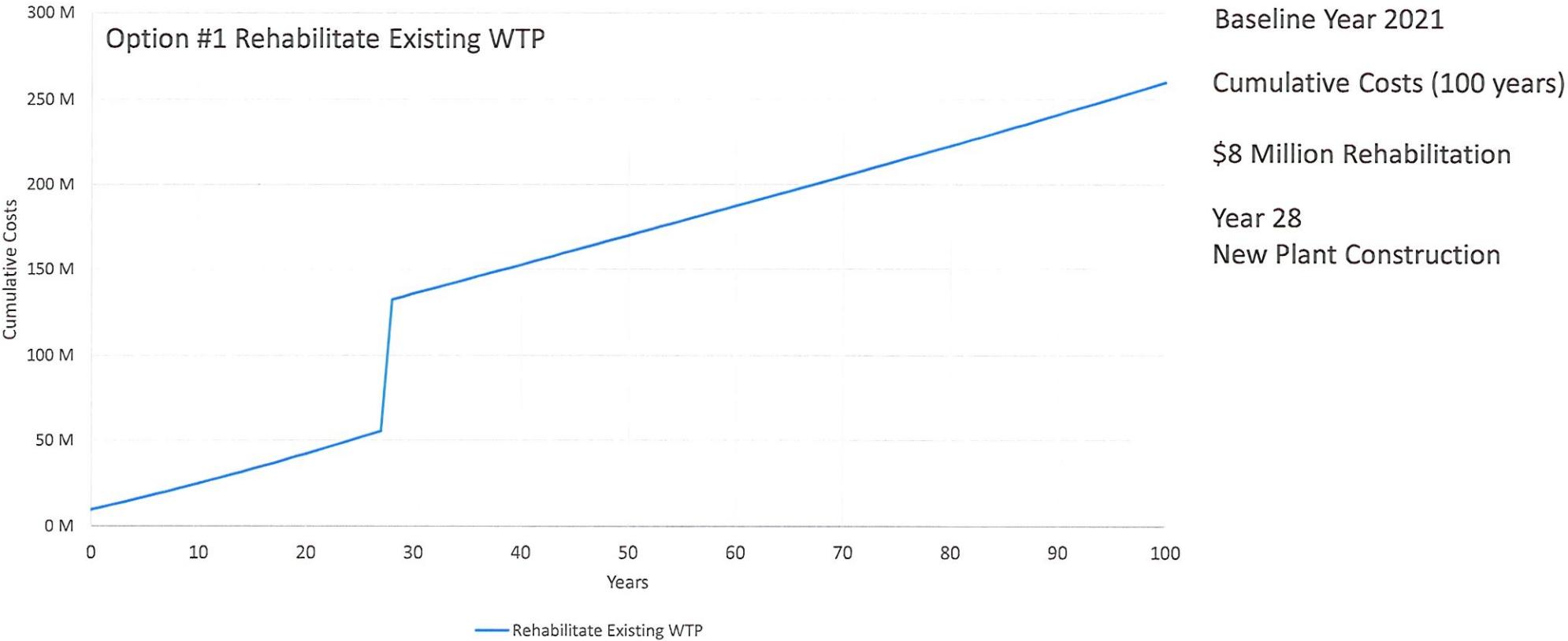
➤ Report Differences



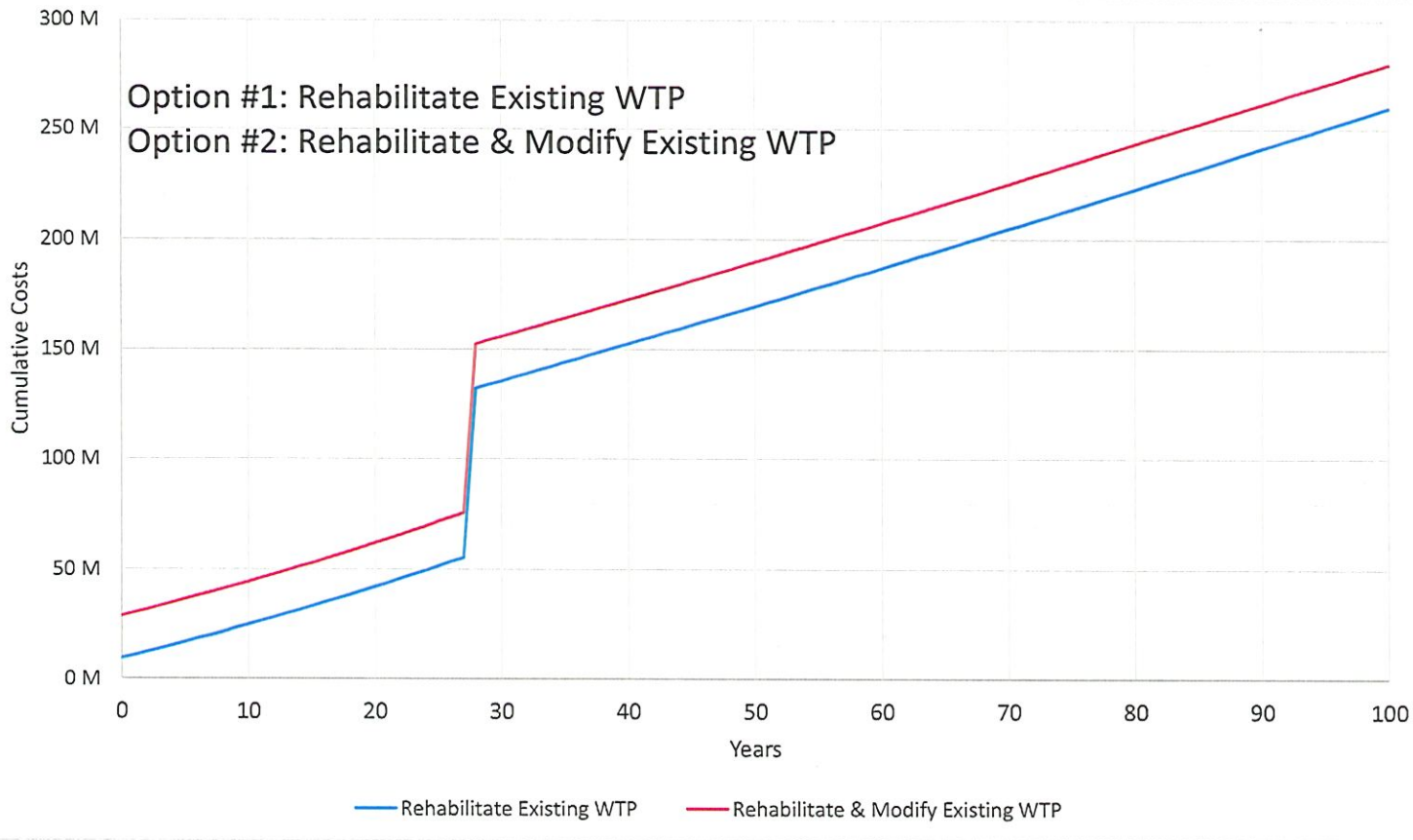
- 2018 Black and Veatch
 - Estimated
 - Existing Plant Rehabilitation (20 year operational period)
 - New Treatment Plant (identical system/alternate location)

- 2021 HDR
 - Modify Existing (increased treatment)
 - New Treatment Plant

Water Treatment Plant

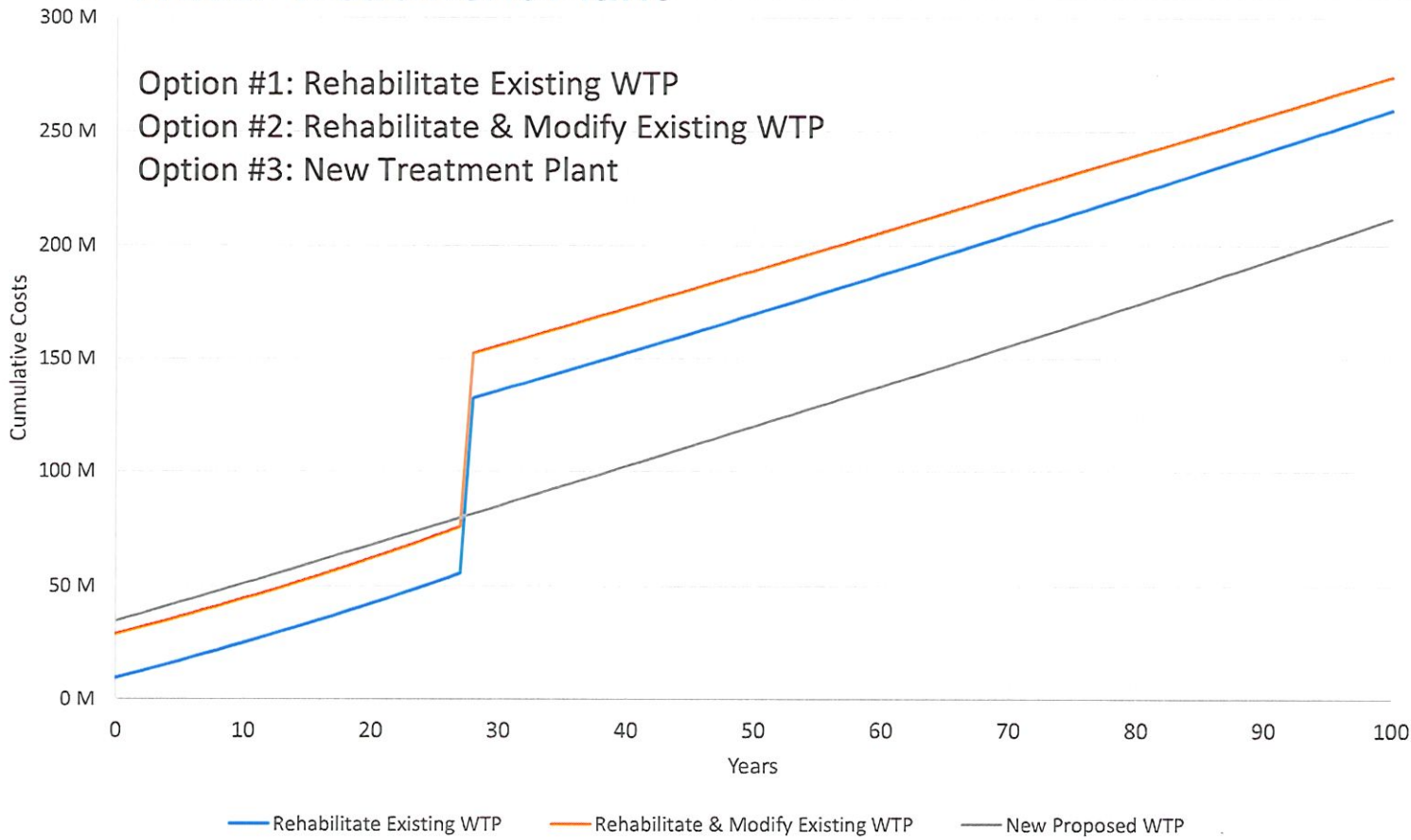


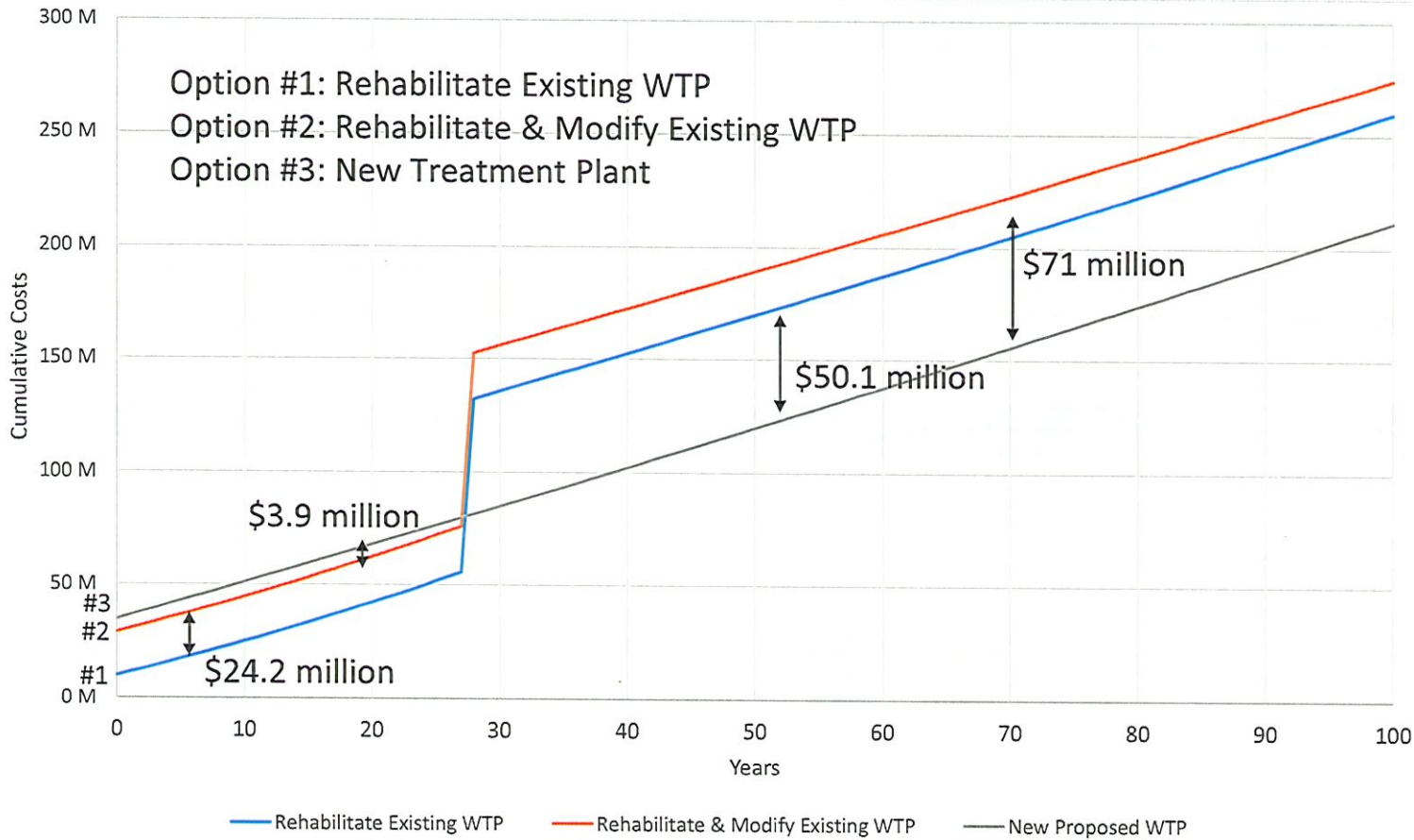
Water Treatment Plant



Baseline Year 2021
Cumulative Costs (100 years)
\$27.2 Million Rehabilitation
Algal, Taste & Odor Treatment
Year 28
New Plant Construction

Water Treatment Plant





Baseline Year 2021

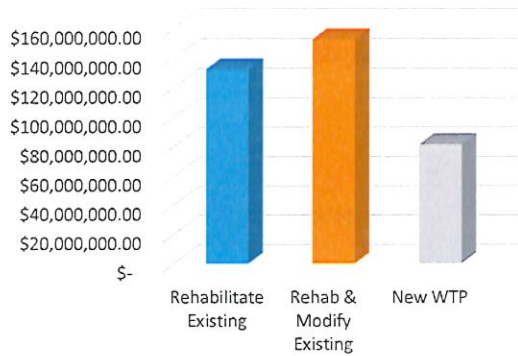
Cumulative Costs (100 years)

\$32.8 Million New WTP construction (to be amortized)

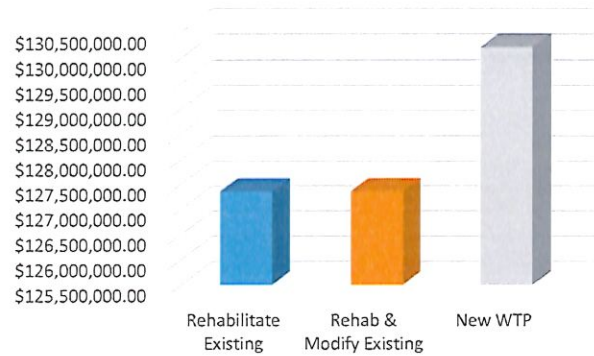
Equity Issue – pay the \$3.9 mil. annually now or \$50-71 mil. annual difference in the future

Note: Includes new plant construction at year 28 (\$75 million)

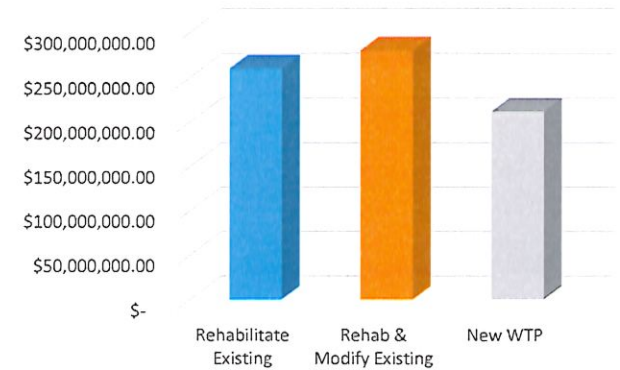
Cumulative Costs Years 0-28



Cumulative Costs Years 29-100



Cumulative Costs 100 Years



Rehabilitate Existing	Option #1 Year 0-28
Cummulative Cost	\$132,155,505

Rehabilitate Existing	Option #1 Year 29-100
Cummulative Cost	\$127,349,642

Rehabilitate Existing	Option #1 Year 0-100
Cummulative Cost	\$259,505,148

Rehabilitate & Modify Existing	Option #2 Year 0-28
Cummulative Cost	\$152,405,188

Rehabilitate & Modify Existing	Option #2 Year 29-100
Cummulative Cost	\$127,349,642

Rehabilitate & Modify Existing	Option #2 Year 0-100
Cummulative Cost	\$274,238,818

New WTP	Option #3 Year 0-28
Cummulative Cost	\$81,378,571

New WTP	Option #3 Year 29-100
Cummulative Cost	\$130,208,761

New WTP	Option #3 Year 0-100
Cummulative Cost	\$211,587,332

Water Treatment Plant - Risks

- **Water Treatment Plant**
 - Rate Predictability
 - Water Quality
 - Taste & Odor
 - **Regulatory**
 - Algal Toxin
 - **Environmental/Safety**
 - Fire
 - Landslide
 - Seismic
 - Flood

