

CREAT Exercise Handout

Wifi Instructions

Connect to network: ATT-WIFI-6245-GUEST

Network password: 30518496

Once connected, go to <https://www.sciencemissionsupport.com/creatsouthernutah>; under **Training Materials** section, download to your computer the **Example CREAT Assessment File (CREAT)**

Getting Started in CREAT

- a) Go to: <https://creat.epa.gov/>
- b) Click 'Existing users: Log in' and log in using your WAA account
 - For non-EPA employees, your username will be "x + *first letter of your first name* + *first six letters of your last name*" (e.g., Jane Johnson will have a username of "xjjohnso")
 - Password is "creat123"
 - If you do not have a WAA account, use the following log in credentials:
 - Username: xxguest
 - Password: creat123
- c) Click 'Get Started'.
- d) Click 'Build New Analysis'.
 - Name your analysis file 'Southern Utah Demo File_ YOUR INITIALS'.
 - Keep the default 'No' selection in response to 'Is this a streamlined analysis?'
 - Click 'Save'.

Climate Awareness

Step 1 - Utility Information

- a) Enter the following utility name and address:

Utility Name	Washington County Water Conservancy District
Address	533 East Waterworks Drive
City	St. George
State	Utah
Zip	84770

- b) Enter the additional information below:

Ownership	Public
Financial Condition	Good
Population Served	160,000
System Type	Water Only
Million Gallons Per Day (MGD)	20

- c) Click 'Continue'.

CONSEQUENCE MATRIX

CONSEQUENCE CATEGORIES	LEVELS			
	LOW	MEDIUM	HIGH	VERY HIGH
<p>Utility Business Impacts</p> <p>Operating revenue loss evaluated in terms of the magnitude and recurrence of service interruptions. Consequences range from long-term loss of expected operating revenue to minimal potential for any loss.</p> <p><input checked="" type="checkbox"/> MONETIZE</p>	<p>Minimal potential for loss of revenue or operating income</p> <p>\$0 - \$4,120,000</p>	<p>Minor and short-term reductions in expected revenue</p> <p>\$4,120,000 - \$8,240,000</p>	<p>Seasonal or episodic compromise of expected revenue or operating income</p> <p>\$8,240,000 - \$12,360,000</p>	<p>Long-term or significant loss of expected revenue or operating income</p> <p>\$12,360,000+</p>
<p>Utility Equipment Damage</p> <p>Costs of replacing the service equivalent provided by a utility or piece of equipment evaluated in terms of the magnitude of damage and financial impacts. Consequences range from complete loss of the asset to minimal damage to the equipment.</p> <p><input type="checkbox"/> MONETIZE</p>	<p>Minimal damage to equipment</p> <p>N/A</p>	<p>Minor damage to equipment</p> <p>N/A</p>	<p>Significant damage to equipment</p> <p>N/A</p>	<p>Complete loss of asset</p> <p>N/A</p>
<p>Source/Receiving Water Impacts</p> <p>Degradation or loss of source or receiving water quality or quantity evaluated in terms of recurrence. Consequences range from long-term compromise to no more than minimal changes to water quality or quantity.</p> <p><input checked="" type="checkbox"/> MONETIZE</p>	<p>No more than minimal changes to water quality</p> <p>\$0 - \$609,600</p>	<p>Temporary impact on source water quality or quantity</p> <p>\$609,600 - \$1,521,600</p>	<p>Seasonal or episodic compromise of source water quality or quantity</p> <p>\$1,521,600 - \$3,652,800</p>	<p>Long-term compromise of source water quality or quantity</p> <p>\$3,652,800+</p>
<p>Environmental Impacts</p> <p>Evaluated in terms of environmental damage or loss, aside from water resources, and compliance with environmental regulations. Consequences range from significant environmental damage to minimal impact or damage.</p> <p><input checked="" type="checkbox"/> MONETIZE</p>	<p>No impact or environmental damage</p> <p>\$0 - \$107,200</p>	<p>Short-term damage, compliance can be quickly restored</p> <p>\$107,200 - \$265,600</p>	<p>Persistent environmental damage</p> <p>\$265,600 - \$638,400</p>	<p>Significant environmental damage</p> <p>\$638,400+</p>