**To connect adjustable splitter**

Goal: Sea level

1. User selects line drawing tool
2. User connects element to entrance of combine flow
3. System draws lines
4. User connects with line combine flow to next element
5. System draws line and shows flow output number

Ext:

2.1 User connects more than the limit of entrances

a) Message is shown that the user cannot connect any more to that connection.

4.1 User specifies an invalid sink

a) Message is shown informing the user. MSS returns to 9 or ends.

**To clear the grid**

Goal: Sea level

Actor: User

Pre: there are some elements on the grid

MSS:

1. User opens menu

2. User clicks on clear

3. System clears the grid

Ext:

2.1: User is shown a confirmation dialog to confirm that they wish to clear the grid.

a) User selects yes. The MSS continues to 3.

b) User selects no. The MSS stops.

**To save the grid**

Goal: Sea level

Actor: User

Pre: there are some elements on the grid

MSS:

1. User opens menu

2. User clicks on save file

3. System shows save file dialog

4. User specifies file name and location

5. System saves the grid

Ext:

4.1 User does not specify name or location. The system shows an error message informing the user. MSS ends.

**To edit an adjustable splitter**

**Goal: Sea level**

Actor: User

Pre: there is an adjustable splitter on the grid

MSS:

1. User double clicks adjustable splitter
2. System shows window to edit the splitter
3. User edits the splitter
4. System shows the changes made

Ext:

3.1 If the splitter exit is connected to an element.

a) Shows a message warning the user that the change might affect the elements