1) Change Physical Alternatives for all Scenarios to “100% Capture Inlets”.

-Open Scenario Manager.



-One Scenario at a time, right-click on a Scenario and select Properties.



-Drainage and Utilities Properties will open. Choose the Drainage tab. Left-click on “Physical” row to access dropdown menu. Set to “100% Capture Inlets”.



\*\*\*Repeat for all Scenarios.\*\*\*

2) Delete the “Catalog Inlets” Physical Alternative.

-Open Alternatives.



-Open “Physical” by double-clicking or clicking on +. Right-click on Catalog Inlets and Delete.



3) Modify “parent” Physical Alternative.

-Right-click on “100% Capture” and Rename **"NCDOT - see Notes for Instructions (right-click and open Properties)”**



In this step, instructions will be pasted into the physical alternative that was just renamed. The instructions are for users to follow each time they switch between the 4” / Hour scenario, and either the Pipe Design scenario or the Pipe Analysis scenario.

-Right-click on newly-renamed Alternative and open Properties. Click on “Notes” and left-click on “…” at far right of field to open Notes. Copy/paste the following into Notes pop-up box:

**Click Notes and click "..." at far right to open.**

**Copy/Paste or Screenshot these Notes to follow step-by-step.**

**This pop-up and the Properties pop-up will need to be closed before Step 1.**

**1) Open/Reopen Alternatives; 2) Double-click new "NCDOT" Alternative to open; 3) Select Catch Basin tab at top; 4) Right-click Inlet Type column header; 5) Use Global Edit to change Value before running Scenario (if running 4inch / hour Spread Analysis Scenario > set “Value” to “Catalog Inlet”. If running Pipe Design or Pipe Analysis Scenario > set “Value” to “Full Capture” OR “Percent Capture”. If using “Percent Capture”, use Global Edit to change Capture Efficiency (%) column “Value” to 100.)**

**User MUST global edit the inlet type under the Catch Basin tab to Full Capture or 100% Capture when running a Pipe Analysis or Pipe Design Scenario. User MUST global edit the inlet type under the Catch Basin tab to Catalog Inlet when running the 4in/hour Spread Analysis Scenario. The Full / 100% Capture inlets ensure all water that reaches each surface inlet is added to the flow in the pipe, resulting in a conservative pipe design. The Catalog Inlets activate calculations that determine the flow captured by the inlet v/s the bypass flow.**

-Select OK to close Notes pop-up box.

4) Follow Instructions to change Inlet Type. The steps below are an illustration of the instructions just pasted into the Notes field in the step above.

-Close Properties and open/reopen Alternatives.

-Double-click newly-renamed “NCDOT” Alternative to open.

-Select Catch Basin tab.



(\*Tip – leave this window open to quickly change Inlet Type when switching between Scenarios)

-Right-click Inlet Type column header and select “Global Edit…”.



-If running 4inch / hour Spread Analysis Scenario > set “Value” to “Catalog Inlet”. If running Pipe Design or Pipe Analysis Scenario > set “Value” to “Full Capture” OR “Percent Capture”. If using “Percent Capture”, use Global Edit to change Capture Efficiency (%) column “Value” to 100.

 

-Run Scenario.

\*\*\*Please note: Be sure to change Inlet Type \*before\* running a different Scenario.\*\*\*