



Table A-3-1: BMPDSS Model Run Summary

Indian Brook Model Runs Summary				
Model Run	Description	High Flow Reduction (%)	Low Flow* Increase (%)	BMPDSS Model Run Date
TMDL Targets *Stormwater Allocation only		-1.3%	1.1%	----
DEC Existing Condition Model	DEC's existing model, includes all Post2002 BMPs	-1.14%	0.0%	1/31/2014
WCA Revised Existing Condition Model (7/31/2014)	WCA revised subwatersheds and existing BMP design entries.	-1.49%	0.0%	7/31/2014
WCA Revised Existing Condition Model (10/20/2014)	WCA revised additional subwatersheds and existing BMP design entries.	-1.40%	0.0%	10/20/2014
WCA Revised Existing Condition Model (1/12/2015)	WCA revised additional subwatersheds and existing BMP design entries.	-0.54%	0.6%	1/12/2015
Percent of Target Managed (with Existing Condition Model 1/12/15)		41.5%	58.28%	----
Credit1 Model	Add 8 proposed retrofits.	-1.85%	0.0%	10/21/2014
Percent of Target Managed (with Credit1 run on 10/21/14)		142%	0%	----
Credit2 Model	Add 3 additional infiltration BMPs and two pond retrofits	-2.75%	0.6%	1/14/2015
Percent of Target Managed (with Credit2 run on 1/14/15)		212%	58%	----
<p>Note: The High Flow target is negative(-), indicating there needs to be a reduction in high flow from the baseline condition. The Low Flow target is positive (+), indicating there needs to be an increase in low flow from the baseline condition. A positive(+) percent of target managed indicates progress toward the target, whereas a negative (-) percent of target managed indicates that the modeled scenario estimates low flow is below the baseline condition.</p> <p>* The low flow target is not actionable under the TMDL, but is included in the summary because improving base flow in the watershed is still a water quality goal.</p>				