REGIONAL STORMWATER MANAGEMENT REPORT

LINKSVIEW RESIDENTIAL DEVELOPMENT
TOWN OF COLLINGWOOD

LANDEX CAPITAL CORPORATION

PREPARED BY:

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DECEMBER 2014

CFCA FILE NO. 183-2687

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1.0 INTRODUCTION AND BACKGROUND

C.F. Crozier & Associates Inc. (Crozier) was retained by Landex Capital Corporation (Developer) to prepare a Regional Stormwater Management Study in support of the proposed Linksview residential development located west of the existing Georgian Meadows subdivision in the Town of Collingwood (Town). The site location is illustrated on Figure 1. The 40.8 ha site is bounded by Tenth Line to the east, Blue Mountain Golf and Country Club (BMGCC) to the north, agricultural lands to the west, and Fisher Field and agricultural lands to the south. The site is located within the Taylor's Creek subwatershed, which is tributary to Black Ash Creek.

The proposed Draft Plan of subdivision for the site was produced by Patten & Thompson Limited (December, 2014), and is provided in Appendix B. The anticipated range in the number of residential units is between 650 and 1000.

1.1 Planning Context

The subject lands are currently designated in the Town Collingwood Official Plan as Recreational and are located within the Mountain West Secondary Plan. As such, to realize this development, Official Plan Amendment (OPA), Zoning Bylaw Amendment (ZBA) and Draft Plan Approval (DPA) applications will be required by the Town of Collingwood. In the vicinity of the Linksview property, two other developments have obtained Draft Plan approval but are not yet fully constructed; the Mair Mills Village development (north of the BMGCC), and the Red Maple Development, located north of Georgian Meadows. The Mair Mills Estates Development is approved and constructed, and is also located north of the BMGCC.

To meet the test mandated by the Town to support Linksview ***being that the development will not inhibit the development of the remaining Secondary Plan lands,*** there are four main engineering components that must be analyzed. Each of the four engineering components will require strategies to be developed to present how these engineering issues will be addressed on a regional and long-term basis. These components are: Transportation, Sanitary Sewage, Stormwater Management and Potable Water. This report address the Town requirements with respect to a regional approach to Stormwater Management.

1.2 Study Objectives

The study limits and objectives have been determined via multiple pre-consultation meetings with Town staff. Given that the subject development is located within the Taylor's Creek catchment area (tributary of Black Ash Creek), the study area has been limited to the Taylor's Creek catchment area and immediate adjacent lands. The study addresses the impacts of land use changes upstream of Tenth Line. Areas downstream of Tenth Line were addressed as part of the Black Ash Creek Subwatershed Plan.

It is assumed that Stormwater Management planning within the Secondary Plan Area will take place on a watershed basis, and therefore areas of the Secondary Plan which drain to other watercourses, such as Silver Creek, will not be materially impacted by drainage planning within the Taylor's Creek system. Stormwater management planning for developments in other watersheds may be addressed as required independent of the Taylor's Creek study.

The objectives of this study are noted below and include:

- Assess existing hydrologic conditions within Taylor's Creek;
- Assess the development potential of the Taylor's Creek catchment area in the immediate and long-term future;
- Develop Stormwater Management criteria for developments within the Taylor's Creek catchment area in keeping with Town, Nottawasaga Valley Conservation Authority (NVCA) and Ministry of the Environment (MOE) requirements and recommendations of the relevant background studies;
- Prepare a preliminary functional design of stormwater quantity and quality control measures to be used on the Linksview site and future development lands in the Taylor's Creek catchment;
- Assess the ability of the proposed SWM control measures to meet the identified criteria; and,
- Provide general commentary on potential alternatives that can be considered and evaluated by future developers for managing stormwater quantity from their subject developments.

1.3 Background Review

The Taylor's Creek catchment area was analyzed as part of the Black Ash Creek Subwatershed Plan (NVCA, 2000). Further analysis has been undertaken by C.C. Tatham & Associates (CCTA) to support the Mair Mills Estates and Mair Mills Village developments, located north of the BMGCC. Crozier has therefore reviewed the following documents related to the Taylor's Creek catchment and proposed developments therein.

- Black Ash Creek Subwatershed Plan (NVCA, 2000)
- Mair Mills Estates Final Stormwater Management Report (C.C. Tatham & Associates, 2004)
- Mair Mills Village Final Stormwater Management Report (C.C. Tatham & Associates, 2011)
- Taylor's Creek Preliminary Natural Channel Design (C.C. Tatham & Associates, 2012)
- Updated hydrologic modeling of Taylor's Creek (C.C. Tatham & Associates, 2013)

In addition to this report, several other reports have been prepared for the subject lands, including:

- Functional Servicing & Stormwater Management Report (Crozier) [FSR];
- Traffic Impact Study (Crozier);
- Regional Sanitary Servicing Report (Crozier) [Regional Sanitary Report];
- Geotechnical Report (Peto MacCallum Limited);
- Phase 1 Environmental Site Assessment (Peto MacCallum Limited);
- Phase 1 Environmental Site Assessment Addendum (Azimuth);
- Air Quality & Odour Study (Ortech Environmental);
- Noise Impact Assessment (Aercoustics);
- Environmental Impact Statement (Azimuth); and
- Planning Justification Report (Travis & Associates).

2.0 PRE-DEVELOPMENT DRAINAGE CONDITIONS

2.1 Black Ash Creek and Taylor's Creek Descriptions

The Linksview development is located entirely within the Taylor's Creek catchment area, which forms part of the Black Ash Creek subwatershed. The Black Ash Creek subwatershed has a total area of approximately 3250 ha, and is comprised of two main branches which ultimately discharge into Collingwood Harbour. The north branch of Black Ash Creek flows north-east, providing coldwater fish habitat, while the south branch of the creek flows north and is a warm water fish habitat (NVCA, 2000). Black Ash Creek has undergone re-channelization through the Town of Collingwood to mitigate the impacts of flooding in major storm events.

Taylor's Creek is a minor tributary to Black Ash Creek originating in the agricultural lands to the west of the Linksview development and running for approximately 2.5 km eastward to Black Ash Creek. The total drainage area of Taylor's Creek is approximately 1.7 km^2 upstream of Tenth Line, not including the Mair Mills drainage areas that contribute to Taylor's Creek via Tenth Line itself. Taylor's Creek originates in the lands to the west of the Linksview development, east of Osler Bluff Road. The creek then runs east through the BMGCC before crossing Tenth Line through a 1900mm by 1500mm CSPA culvert. Taylor's Creek is not identified as exhibiting significant warm water or cold water fish habitat in the Black Ash Creek Subwatershed Plan (NVCA, 2000) as well is in the EIS report.

Several artificial ponds have been constructed along the section of the creek which runs through the BMGCC, serving as irrigation reservoirs for the golf course. Intermittent flows in the creek provide some of the water for the ponds, and the remainder is pumped directly from Georgian Bay (Dan Hurley, Email Communication, August 15, 2014).

Taylor's Creek has historically flooded east of Tenth Line, due to poorly defined channel banks and insufficient hydraulic capacity. As Taylor's Creek serves as an outlet for the Mair Mills development, and traverses the Red Maple development, re-channelization of a portion Taylor's Creek east of Tenth Line is planned for the near future to provide sufficient hydraulic capacity for the Regional event flow. Completion of the re-channelization is a Draft Plan Condition for both developments.

2.2 Existing Linksview Site Characteristics

The Linksview site is predominantly occupied by agricultural uses, as well as grass pasture and lawn. The site has an overall gradient of approximately 1.4%, falling from south-west to north-east. The north-east corner of the site is currently occupied by a driving range operated by the Blue Mountain Golf and Country Club.

According to the Soil Survey of Simcoe County (Hoffman, Wicklund and Richards, 1962), the soils on the site are principally Sergeant Gravelly Sandy Loam (Hydrologic Group AB) in the western portion and Tioga Fine Sandy Loam (Hydrologic Group A) in the east. In January 2014, Peto MacCallum Ltd. (PML) advanced twenty boreholes across the site, six of which contained 50 mm diameter PVC wells to permit long term monitoring of the groundwater table. The series of boreholes across the site were advanced to depths between 6.0 and 7.0 m, which confirmed that the site is characterized by a topsoil mantle (ranging from 70to 110mm in depth) over discontinuous layers of silt, sandy silt, silty sand and sand over a glacial till

deposit. Bedrock was not encountered in any of the boreholes. As a result of a groundwater monitoring program undertaken by PML that is ongoing (January - October 2014), the characteristics of the groundwater table on the subject lands has been determined. Refer to the PML 'Groundwater Level Interpretation Plan', which illustrates the seasonally high groundwater table, in the Geotechnical Report. Overall, the seasonally high groundwater table is quite shallow, less than 0.8 m below grade across the site.

Runoff from the site and external catchments is generally conveyed from south-west to north-east through several drainage draws which traverse the site and golf course lands, finally discharging to Taylor's Creek.

2.3 External Lands Characteristics

The external lands currently contributing stormwater runoff to Taylor's Creek are principally occupied by mixed agricultural and forested land to the south and west of the Linksview site, and the golf course to the north.

The definition of the pre-development condition for the purposes of this study assumes that subdivisions within the Taylor's Creek subwatershed which have received Draft Plan Approval will be completed prior to the development of the Linksview site. The Draft Plan Approved developments are therefore accounted for as part of the pre-development condition.

Per the Tatham SWM Report and updated hydrologic modeling, the Mair Mills Estates area drains northward, away from Taylor's Creek to a SWM facility located on Mountain Road. This facility provides quality and quantity control of runoff, prior to discharging northward across Mountain Road. The majority of flows from the facility continue northward towards Cranberry Marsh, and out of the study area. However, a flow split does occur north of Mountain Road which allows some flow to drain eastward towards Tenth Line, some of which returns to the Taylor's Creek system.

The Mair Mills Village area is proposed to drain to a SWM pond on Tenth Line, which will discharge to the Tenth Line ditch. A split flow condition in the Tenth Line ditch will cause some of this flow to drain to the Tenth Line and Mountain Road intersection (and from there to Black Ash Creek), which was denoted "Outlet B" in the Tatham Report, while some flow is conveyed south to the crossing of Taylor's Creek at Tenth Line ("Outlet A"). Full details of the Mair Mills drainage investigation and SWM design are available in the approved Tatham design reports.

Soils composition of the pre-development external drainage area varies and is composed mainly of Kemble Clay, Sargent Gravelly Sandy Loam, and Tioga Fine Sandy Loam. These soils area classified as hydrologic groups D, AB, and A respectively.

2.4 Catchment Area Delineations

The pre-development drainage delineation of the Taylor's Creek contributing area is generally consistent with that of that provided by C.C. Tatham & Associates. Delineation of areas related to the Mair Mills development was replicated from the provided Tatham figures and hydrologic modeling. The delineation and discretization of the remainder of the Taylor's Creek drainage area was completed by Crozier using Collingwood Base Mapping data and confirmed in the field. The pre-development catchment areas are shown on Figure 2.

As previously discussed, the outlet nomenclature used by Tatham has been referenced throughout this study, however more specific flow nodes have also been identified. Table 1 provides a summary of the various outlets and flow nodes, corresponding to Figures 2 through 4.

Table 1: Flow Node Descriptions

Outlet/ Node ID	Description
1	Flows in Taylor's Creek upstream of the Linksview west property line.
2	Flows in Taylor's Creek proper upstream of Tenth Line (ie, excluding Tenth Line drainage and contributions from Mair Mills via Tenth Line ditch).
3*	Flows contributing to Taylor's Creek downstream of Tenth Line.
4*	Flows contributing to Black Ash Creek at Mountain Road.

* Note: Computed flows at these locations include only flows generated upstream of Tenth Line which contribute to Black Ash Creek. Flows generated from the lands downstream of Tenth Line and within Black Ash Creek itself have not been computed in this analysis. Flows at Nodes 3 and 4 are provided to illustrate relative changes in contributing flows from the study area and do not represent true total flow rates at these locations.

2.5 Hydrologic Modeling of Pre-development Conditions

Pre-development modeling of the study area was completed using the SWMHYMO hydrologic model. The 25mm event, Timmins Regional event and 2 through 100 year 24 hour SCS and 4 hour Chicago events were all simulated to obtain existing peak flows at the various flow nodes.

Pre-development hydrologic modeling structure and parameters for the Mair Mills development were maintained from the approved post-development modeling of the Mair Mills development provided by C.C. Tatham & Associates. Hydrologic parameters and modeling of the Taylor's Creek catchment area upstream of Tenth Line were completed by C.F. Crozier and Associates.

The land-use specific curve numbers and runoff coefficients shown in Appendix A were used to calculate area-weighted values for each pre-development catchment area. The time of concentration values used in the pre-development modeling were calculated using the NVCA standard method of applying the Bransby-Williams or Airport Method, and comparing the results to the Uplands method to obtain the longest calculated time of concentration.

Channel routing was introduced into the model to account for the routing impacts of Taylor's Creek and the flow from upstream catchments. Appropriate cross sections for use in the routing routines were obtained using Collingwood Base Mapping contour information and typical low-flow channel cross section data from the Taylor's Creek Preliminary Natural Channel Design Report (C.C. Tatham & Associates, 2012)

Results of the pre-development hydrologic modeling is included in Appendix A. The results from this model will be used as the baseline model in the peak flow comparisons under various development scenarios.

3.0 POST-DEVELOPMENT AND ULTIMATE DEVELOPMENT DRAINAGE CONDITIONS

3.1 Taylor's Creek Catchment Area Development Potential

Two scenarios were analyzed to illustrate varying levels of development within the Taylor's Creek catchment area upstream of Tenth Line. The first case, denoted "Post-Development" reflects development only of the Linksview subdivision. The remaining lands are considered to remain in an undeveloped state. This case reflects the near-future scenario for development in the Taylor's Creek catchment area, and is reflected in Figure 3.

The second case is denoted "Ultimate Development" (Figure 4) and reflects full development of the Taylor's Creek catchment area. Conservatively, some additional land has been assumed to drain to Taylor's Creek in this case, as it is unlikely that precise catchment boundaries will be respected upon full development of the lands; drainage divides are more likely to reflect land ownership boundaries upon development.

Given the uncertainty in land uses anticipated within the study area, it was assumed that the overall nature of the development would be similar to that planned for the Linksview site, perhaps with some commercial development along main traffic routes. Related assumptions pertaining to hydrologic parameters are further discussed in Section 3.5.

Post and Ultimate Development Scenario catchment areas were delineated with consideration for the following:

- Catchment areas and placement of SWM facilities should be based on a realistic ultimate grading scenario to ensure that future conformance with the Regional SWM Plan does not result in physically or financially infeasible grading requirements;
    - Figure 5 illustrates grading feasibility with respect to the proposed catchment areas and SWM pond locations.
- SWM planning and proposed grading patterns should respect potential natural heritage features;
    - Delineation of catchment areas was completed such that no grading within NVCA Regulated Areas (NVCA, Draft, 2014) is required to conform to the Regional SWM Plan.
    - A buffer along Taylor's Creek has been respected.
- Catchment areas should respect land ownership boundaries wherever possible to allow for independent development of various parcels. This objective must be balanced with the desire to reduce the required number of SWM facilities throughout the Secondary Plan Area.
    - Placing proposed SWM facilities on property lines wherever possible provides for flexibility in the timing of development.

Figure 5 illustrates proposed conceptual grades within the Linksview site as well as within external lands. Conceptual grades within the external lands are based on a 0.5% gradient. Where proposed grades are below existing grades, the actual proposed grades could be increased to reduce 'cut' earthworks while still outleting to the SWM facility. There are no areas that require excessive fill depths to outlet to a proposed SWM facility.

The proposed SWM approach should also allow for flexibility to modify the Regional SWM Plan as development patterns within the Secondary Plan evolve. This is further discussed in Section 3.3.

3.2 SWM Criteria

Through review of background studies and to satisfy Town, NVCA and MOE requirements, a series of stormwater management criteria were identified for the Taylor's Creek catchment area upstream of Tenth Line.

3.2.1 Quantity Control:

Peak flows in Taylor's Creek at Flow Nodes 1 and 2 must be controlled to pre-development levels. Given that the Taylor's Creek Channelization downstream of Tenth Line was designed to accommodate pre-development Regional Flows, post-to-pre control must be satisfied for 2 year through 100 year events as well as the Regional Event.

The Black Ash Creek Subwatershed Plan and subsequent channelization design accounted for pre-development peak flows from the study area, as any form of development within the study area was not anticipated at the time of the study. As such, peak flows contributing to Black Ash Creek from the study area (Nodes 3 and 4) must be controlled to pre-development levels. Post-to-pre control must be satisfied for 2 year through 100 year events as well the Regional Event.

3.2.2 Quality and Erosion Control

Given that Georgian Bay is the ultimate receiver, SWM controls must achieve MOE Enhanced water quality protection, corresponding to 80% Total Suspended Solids (TSS) removal. The SWM pond must also achieve 24 hour extended detention of the 25mm event per the Black Ash Creek Subwatershed Plan to achieve erosion control.

3.2.3 Water Balance

The ability to achieve water balance objectives are highly contingent on site conditions such as soil properties and depth to groundwater. Premised on the assumption that the groundwater level characteristics within the study area are similar in nature to the Linksview lands (i.e. seasonally within 1 m of ground surface), it may be difficult to use infiltration-based SWM practices to achieve water balance objectives. Best efforts should be made to provide opportunities to infiltrate stormwater as site conditions permit.

3.3 Regional SWM Approach

To achieve the quantity control targets outline in Section 3.2.1, the runoff generated by the future developments within the Taylor's Creek catchment area will be collected and treated in stormwater management "end-of-pipe" facilities. The conceptual future locations of these facilities are illustrated on Figure 4, in keeping with the considerations outline in Section 3.1.

Given the short flow times and minimal storage within the Taylor's Creek conveyance corridor, peak flows from the various SWM facilities are expected to approximately coincide at the downstream flow nodes in the Ultimate Development scenario. Often in such cases, control of post development flows to pre-development levels on a subcatchment-by-subcatchment basis does not achieve net post-to-pre targets further downstream. Due to increased responsiveness associated with development and extended

discharge hydrographs from end-of-pipe facilities, peak flows from the individual subcatchments are no longer temporally offset from one another as in the pre-development case. This results in an increase in net peak flows downstream due to a "timing of peaks" phenomenon, despite post-to-pre flow control of each individual subcatchment.

In larger watersheds with long upstream travel times, this effect can often be mitigated through a "beat the peak" analysis, whereby drainage from lands closest to the watershed outlet is released in an uncontrolled fashion so as to "beat the peak" of controlled drainage from lands further upstream. Given the relatively small nature and short travel times of the Taylor's Creek system the "beat the peak" approach was not applied in this case. To ensure that net post-development flow rates were controlled to pre-development levels, a unit flow rate approach was used to establish target peak flows from each SWM facility. Target unit flow rates for each storm event were developed on a flow-per-area (L/s/ha) basis as shown in Table 2. Calculation details are provided in Appendix B.

Table 2: Target Unit Flow Rates for Taylor's Creek Development Areas

	Storm Event	Unit Flow Rate (L/s/ha)
Chicago	2 Year	4
	5 Year	6
	10 Year	9
	25 Year	12
	50 Year	14
	100 Year	17
SCS	2 Year	5
	5 Year	8
	10 Year	11
	25 Year	15
	50 Year	18
	100 Year	23
	Regional	41

Hydrologic modeling of the Taylor's Creek catchment area was then performed for the Post- and Ultimate development scenarios based on the implementation of the unit flow rate approach (see Sections 3.5 and 3.6). The resultant peak flows were examined to ensure that Post- and Ultimate development peak flows matched pre-development levels at each flow node. The implementation of the unit flow rate approach may require individual subcatchments to be controlled below pre-development levels to compensate for the timing of peaks phenomenon discussed above.

The unit flow rate approach provides a simple and flexible quantity control criterion to be applied to future development in the Taylors Creek catchment area, regardless of final SWM facility locations or development characteristics. It also provides a land-area based approach to sizing control facilities that ensures that capacity in the downstream watercourse is equitably allocated between developments. By meeting the unit flow rate requirements, the Linksview development may proceed in advance of the

balance of the Secondary Plan without precluding or compromising development potential in the balance of the Taylor's Creek catchment area from a stormwater management perspective.

It is anticipated that quality and erosion control requirements will be met primarily by implementation of stormwater wet ponds designed per MOE criteria, and incorporating extended detention of the 25mm event for 24 hours. The Ultimate Conditions Conceptual Grading Plan (Figure 5) reflects this assumption, however any facility that meets Town, MOE and NVCA approval may be used to achieve quality control criteria.

3.4 Linksview Development Stormwater Management Design

The Linksview development contemplates implementation of an end-of-pipe wet pond facility to meet the established quantity and quality control criteria. Preliminary design of this facility is discussed in the FSR, submitted under separate cover.

Two options have been discussed to convey controlled drainage from the Linksview SWM facility to an appropriate drainage outlet, as described below:

Option 1:
Controlled drainage from the Linksview site will be conveyed from the SWM pond outlet structure to Taylor's Creek via an external drainage system within the Tenth Line ROW. The drainage system will be sized to convey controlled flows from the pond up to and including the Regional storm event, runoff from the applicable portion of the Tenth Line ROW (5-year storm event) in the future urbanized condition as well as future development controlled flows from the Blue Mountain Golf & Country Club lands, all of which constitute the design flow.

Option 2:
Controlled drainage from the Linksview site will be conveyed from the SWM pond outlet structure directly to Black Ash Creek east of the Red Maple development. The external drainage system will be sized to convey the design.

The details of these conveyance options are further discussed in the FSR for the Linksview development. **The eventual selection of either outlet will not impact the results of this study.**

3.5 Hydrologic Modeling of Post-Development Conditions

As discussed in Section 3.1, the post-development case accounts for development of the Linksview site. It is assumed that all other catchments drain as in the Pre-development condition.

Post-development modeling of the Taylor's Creek catchment area was completed using the SWMHYMO hydrologic model. The 25mm event, Timmins Regional event and 2 through 100 year 24 hour SCS and 4 hour Chicago events were all simulated to obtain existing peak flows and volumes from the Linksview site.

The land-use specific curve numbers and runoff coefficients were maintained from the pre-development case for all catchment areas, save for the developed Linksview site. The time of concentration values used for the undeveloped catchments were calculated using the NVCA standard method of applying the

Bransby-Williams or Airport method, and comparing the results to the Uplands method to obtain the longest calculated time of concentration.

Hydrologic parameters for the developed Linksview catchment were calculated based on the Draft Plan characteristics as shown in Appendix B. The imperviousness level for the Linksview development is based on 816 units, reflecting a reasonable distribution of unit types. However, as noted in Section 1.0, the Draft Plan allows for the flexibility in the number of residential units in the range of 650 to 1000 units. Should the number and distribution of the types of residential units vary from that specified on the Draft Plan, the imperviousness level may change. We have completed a sensitivity analysis on the assigned imperviousness level and have concluded that the upper limit of the unit count range will result in an imperviousness level that does not alter the size of the proposed SWM pond block. The imperviousness calculations will be refined at the detailed design stage when the unit count and distribution of unit types is finalized.

The stage-storage discharge relationship for the proposed Linksview SWM pond is included in Appendix B, and was represented in the post-development model using a RouteReservoir command. Controlled flows from the Linksview SWM pond and outlet pipe join flow from Tenth Line and Taylor's Creek at Node 3 (downstream of Tenth Line).

Results of the post-development hydrologic modeling are presented in Appendix B for 2 through 100 year design storm events and the Regional (Timmins) storm, with comparisons to the pre-development flow rates. Hydrologic Parameters calculations and full model output are included in Appendix B.

Based on the results of the post-development modeling, overall post-to-pre control can be met at each flow node with development of the Linksview site.

3.6 Hydrologic Modeling of Ultimate Development Conditions

As discussed in Section 3.1, the Ultimate Development case accounts for development of the Linksview site, as well as development of the balance of the Taylor's Creek catchment area. Some lands that are presently outside of the Taylor's Creek catchment area have also been assumed to contribute to Taylor's Creek in the ultimate condition, given probable future grading constraints and configuration of ownership parcels.

Post-development modeling of the Taylor's Creek catchment area was completed using the SWMHYMO hydrologic model. The 25mm event, Timmins Regional event and 2 through 100 year 24 hour SCS and 4 hour Chicago events were all simulated.

It was assumed that all development lands will be developed with similar characteristics to the Linksview site. To be conservative, even NVCA regulated areas have been assumed to be developed at 50% imperviousness save for a buffer area around Taylor's Creek itself.

The stage-storage relationships for the external SWM ponds were developed as scaled versions of the Linksview pond, with discharges adjusted to meet unit flow rate objectives. Ponds were represented in the ultimate development model using RouteReservoir commands. The pond scaling calculations and demonstration of general conformance with unit flow rates are provided in Appendix C. Note that, through scaling of the discharge rates associated with the Linksview pond, which is characterized by a realistic outlet structure, the unit flow rates achieved by the external lands ponds vary somewhat. However, the

modeling demonstrates that general conformance with the established unit flow rates will maintain or decrease flow rates within the Taylor's Creek catchment area. Note that the unit flow rates achieved by the proposed Linksview pond are at or below the established target unit flow rate for each storm event.

In keeping with a regional stormwater management approach, the Linksview SWM facility has been sized and modeled to accept uncontrolled flow from potential future development lands to the south (catchment 3504) in a developed condition similar to that of the proposed Linksview site.

Results of the post-development hydrologic modeling are presented in Appendix C for 2 through 100 year design storm events and the Regional (Timmins) storm, with comparisons to the pre-development flow rates. Hydrologic Parameters calculations and full model output are also included in Appendix C.

Based on the results of the ultimate development modeling, overall post-to-pre control can be met at each flow node with development of the Taylor's Creek catchment area.

3.7 Linksview SWM Facility Operating Characteristics

Refer to the FSR for the Linksview SWM Facility operating characteristics under both the Post-Development and Ultimate Development scenarios.

4.0 CONCLUSIONS & RECOMMENDATIONS

A detailed hydrologic study of the Taylor's Creek catchment area upstream of Tenth Line was undertaken to provide a Regional SWM approach for the catchment area. The Regional SWM approach was developed to ensure that development of the Linksview property in advance of the balance of the Taylor's Creek catchment area would not pose constraints for future development in the watershed. The following conclusions were reached as a result of the study:

- Based on design flow rates that were used during design of the Black Ash Creek channelization and the Taylor's Creek channelization downstream of Tenth Line, it is necessary that post-development peak flows in Taylor's Creek do not exceed pre-development levels up to and including the Regional event.
- Unit flow rates were used on a flow-per-area basis to ensure that post development peak flow rates in Taylor's Creek are maintained at or below pre-development levels.
- Water quality controls within the catchment area must meet MOE standards for Enhanced Protection. Erosion controls must meet the requirements of the Black Ash Creek Subwatershed Plan of 24 hour extended detention of the 25mm event runoff volume.
- A stormwater wet pond facility has been designed to provide quantity, quality and erosion control for the Linksview development.
- Preliminary placement and sizing of SWM facilities for other development lands within the Taylor's Creek catchment area has also been undertaken. This Regional SWM approach has been developed with consideration for grading constraint, land ownership and natural heritage features.

The following recommendations are made with respect to the findings of this study:

- That the unit flow rate approach to stormwater quantity management for the 2 year through 100 year and Regional events be implemented for all developments within the Taylor's Creek catchment area, including the Linksview site.
- That stormwater management facilities be designed to provide MOE Enhanced Protection and 24 hour extended detention of the 25mm event.
- That the Linksview site be permitted to develop in advance of the balance of the Mountain West Secondary Plan, given that the Linksview SWM design conforms to the drainage planning requirements described herein.

We trust this report meets the Town's requirements for a Regional Stormwater Management Study for the Taylor's Creek catchment area.

Respectfully submitted,

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APPENDIX A

Pre-development Hydrologic Modeling

CROZIER & ASSOCIATES
Consulting Engineers

Project Name:	Linksview	**D.A. NAME**	**501**
Project Number:	183-2687	**D.A. AREA**	**85.82**
Date:	August 6 2014		
By:	A. French		

Hydrologic Parameters: CALIB NASHYD Command
Pre Development Drainage Area: Catchment 501

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Kemble Clay Loam	Kc	D	85	72.9
Sargent gravelly sandy	Stsl	AB	15	12.9
				0.0
				0.0
Total Area				85.8

Impervious Landuses Present:												
	Roadway		Sidewalk		Driveway		Building		SWMF		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Kc		98		98		98		98		98	0	0
Stsl		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
Subtotal Area	0		0		0		0		0			

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Pasture/Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Kc	25.53	79	0.00		0.00		0.00		47.42	84	72.95	5999.89
Stsl	0.00		0.00		0.00		12.87	59	0.00		12.87	759.51
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
Subtotal Area	25.53		0.00		0.00		12.87		47.42			

Composite Area Calculations		
	Total Pervious Area	85.82
	Total Impervious Area	0
	% Impervious	0.0
	Composite Curve Number	78.8
	Total Area Check	85.82

Initial Abstraction and Tp Calculations

Initial Abstraction				Composite Curve Number								
				Kemble Clay Loam		Sargent gravelly sandy loam		0		0		
Landuse	IA (mm)	Area (ha)	A * IA	RC	Area	RC	Area	RC	Area	RC	Area	A*RC
Woodland	10	25.531	255.3	0.40	26		0		0		0	10.21
Meadow	8	0	0.0		0		0		0		0	0.00
Wetland	16	0	0.0		0		0		0		0	0.00
Pasture/Lawn	5	12.873	64.4		0	0.29	13		0		0	3.73
Cultivated	7	47.416	331.9	0.55	47		0		0		0	26.08
Impervious	2	0	0.0		0		0		0		0	0.00
Composite IA		85.82	7.6	Composite Runoff Coefficient								0.47

Time to Peak Inputs						Uplands			Bransby Williams		Airport	
Flow Path Description	Length (m)	Drop (m)	Slope (%)	$V/S^{0.5}$	Velocity (m/s)	Tc (hr)	Tp(hr)	TOTAL Tp (hr)	Tc (hr)	Tp(hr)	Tc (hr)	Tp(hr)
Pasture	140	1	0.71%	2.3	0.19	0.20	0.13	0.13	0.86	0.58	1.22	0.81
Woodland	450	6.5	1.4%	0.6	0.07	1.73	1.16	1.30				
Pasture	300	4	1.3%	2.3	0.27	0.31	0.21	1.51				
Watercourse	600	8	1.3%	4.6	0.53	0.31	0.21	1.72				

Appropriate calculated time to peak:	1.72	Appropriate Method:	Uplands

CROZIER & ASSOCIATES
Consulting Engineers

Project Name:	Linksview	**D.A. NAME**	**502**
Project Number:	183-2687	**D.A. AREA**	**10.41**
Date:	August 6 2014		
By:	A. French		

Hydrologic Parameters: CALIB NASHYD Command
Pre Development Drainage Area: Catchment 502

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Sargent gravelly sandy	Stsl	AB	100	10.41
				0.00
				0
				0
Total Area				10.41

Impervious Landuses Present:												
	Roadway		Sidewalk		Driveway		Building		SWMF		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Stsl		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
Subtotal Area	0		0		0		0		0			

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Stsl	2.08	46	0.00		0.00		0.00		8.33	65	10.41	637.09
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
Subtotal Area	2.08		0.00		0.00		0.00		8.33			

	Composite Area Calculations	Total Pervious Area	10.41
		Total Impervious Area	0
		% Impervious	0.0
		Composite Curve Number	61.2
		Total Area Check	10.41

Initial Abstraction and Tp Calculations

Initial Abstraction				Composite Curve Number								
				Sargent gravelly		0		0		0		
Landuse	IA (mm)	Area (ha)	A * IA	RC	Area	RC	Area	RC	Area	RC	Area	A*RC
Woodland	10	2.082	20.8	0.17	2		0		0		0	0.35
Meadow	8	0	0.0		0		0		0		0	0.00
Wetland	16	0	0.0		0		0		0		0	0.00
Lawn	5	0	0.0		0		0		0		0	0.00
Cultivated	7	8.328	58.3	0.29	8		0		0		0	2.42
Impervious	2	0	0.0		0		0		0		0	0.00
Composite IA		10.41	7.6	Composite Runoff Coefficient								0.27

Time to Peak Inputs						Uplands			Bransby Williams		Airport	
Flow Path Description	Length (m)	Drop (m)	Slope (%)	$V/S^{0.5}$	Velocity (m/s)	Tc (hr)	Tp(hr)	TOTAL Tp (hr)	Tc (hr)	Tp(hr)	Tc (hr)	Tp(hr)
Woodland	170	3	1.76%	0.6	0.08	0.59	0.40	0.40	0.31	0.21	0.83	0.56
Cultivated	280	4	1.4%	2.3	0.27	0.28	0.19	0.59				

Appropriate calculated time to peak:	0.59	Appropriate Method:	Uplands

CROZIER & ASSOCIATES
Consulting Engineers

Project Name:	Linksview	**D.A. NAME**	**503**
Project Number:	183-2687	**D.A. AREA**	**9.94**
Date:	August 6 2014		
By:	A. French		

Hydrologic Parameters: CALIB NASHYD Command
Pre Development Drainage Area: Catchment 503

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Harkaway	Hal	B	50	4.97
Sargent gravelly sandy	Stsl	AB	50	4.97
				0
				0
Total Area				9.94

Impervious Landuses Present:												
	Roadway		Sidewalk		Driveway		Building		SWMF		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Hal		98		98		98		98		98	0	0
Stsl		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
Subtotal Area	0		0		0		0		0			

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Hal	2.49	60	0.00		0.00		2.49	69	0.00		4.97	320.57
Stsl	0.00	46	0.00		0.00		2.49	59	2.49	65	4.97	308.14
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
Subtotal Area	2.49		0.00		0.00		4.97		2.49			

Composite Area Calculations		
	Total Pervious Area	9.94
	Total Impervious Area	0
	% Impervious	0.0
	Composite Curve Number	63.3
	Total Area Check	9.94

Initial Abstraction and Tp Calculations

Initial Abstraction				Composite Curve Number								
				Harkaway		Sargent gravelly sandy loam		0		0		
Landuse	IA (mm)	Area (ha)	A * IA	RC	Area	RC	Area	RC	Area	RC	Area	A*RC
Woodland	10	2.485	24.9	0.25	2	0.17	0		0		0	0.62
Meadow	8	0	0.0		0		0		0		0	0.00
Wetland	16	0	0.0		0		0		0		0	0.00
Lawn	5	4.97	24.9	0.28	2	0.19	2		0		0	1.17
Cultivated	7	2.485	17.4		0	0.29	2		0		0	0.72
Impervious	2	0	0.0		0		0		0		0	0.00
Composite IA		9.94	6.8	Composite Runoff Coefficient								0.25

Time to Peak Inputs						Uplands			Bransby Williams		Airport	
Flow Path Description	Length (m)	Drop (m)	Slope (%)	$V/S^{0.5}$	Velocity (m/s)	Tc (hr)	Tp(hr)	TOTAL Tp (hr)	Tc (hr)	Tp(hr)	Tc (hr)	Tp(hr)
Cultivated	240	6	2.50%	2.3	0.36	0.18	0.12	0.12	0.33	0.22	0.81	0.54
Woodland	270	5	1.85%	0.6	0.08	0.92	0.62	0.74				

Appropriate calculated time to peak:	0.74	Appropriate Method:	Uplands

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Project Name:	Linksview	**D.A. NAME**	**504**
Project Number:	183-2687	**D.A. AREA**	**7.05**
Date:	August 6 2014		
By:	A. French		

Hydrologic Parameters: CALIB NASHYD Command
Pre Development Drainage Area: Catchment 504

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Tioga Sandy Loam	Tisl	A	15	1.06
Sargent gravelly sandy	Stsl	AB	85	5.99
				0.00
				0.00
				0.00
				0.00
Total Area				7.05

Impervious Landuses Present:												
	Roadway		Sidewalk		Driveway		Building		SWMF		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tisl		98		98		98		98		98	0	0
Stsl		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
Subtotal Area	0		0		0		0		0			

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tisl	1.06	32	0.00		0.00		0.00		0.00		1.06	33.84
Stsl	2.40	46	0.00		0.00		2.10	59	1.50	65	5.99	331.39
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
Subtotal Area	3.45		0.00		0.00		2.10		1.50			

	Composite Area Calculations	Total Pervious Area	7.05
		Total Impervious Area	0
		% Impervious	0.0
		Composite Curve Number	51.8
		Total Area Check	7.05

Initial Abstraction and Tp Calculations

Initial Abstraction				Composite Curve Number								
				Tioga Sandy Loam		Sargent gravelly sandy loam		0		0		
Landuse	IA (mm)	Area (ha)	A * IA	RC	Area	RC	Area	RC	Area	RC	Area	A*RC
Woodland	10	3.45	34.5	0.08	1.06	0.17	2.40		0.00		0.00	0.49
Meadow	8	0.00	0.0		0.00		0.00		0.00		0.00	0.00
Wetland	16	0.00	0.0		0.00		0.00		0.00		0.00	0.00
Lawn	5	2.10	10.5		0.00	0.19	2.10		0.00		0.00	0.40
Cultivated	7	1.50	10.5		0.00	0.29	1.50		0.00		0.00	0.43
Impervious	2	0.00	0.0		0.00		0.00		0.00		0.00	0.00
Composite IA		7.05	7.9	Composite Runoff Coefficient								0.19

Time to Peak Inputs						Uplands			Bransby Williams		Airport	
Flow Path Description	Length (m)	Drop (m)	Slope (%)	$V/S^{0.5}$	Velocity (m/s)	Tc (hr)	Tp(hr)	TOTAL Tp (hr)	Tc (hr)	Tp(hr)	Tc (hr)	Tp(hr)
Lawn	140	3	2.14%	2.3	0.34	0.12	0.08	0.08	0.25	0.17	0.82	0.55
Watercourse	210	2	1%	4.6	0.45	0.13	0.09	0.16				

Appropriate calculated time to peak:	0.55	Appropriate Method:	Airport

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Project Name:	Linksview	**D.A. NAME**	**505**
Project Number:	183-2687	**D.A. AREA**	**24.08**
Date:	August 6 2014		
By:	A. French		

Hydrologic Parameters: CALIB NASHYD Command
Pre Development Drainage Area: Catchment 505

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Harkaway	Hal	B	20	4.82
Sargent gravelly sandy	Stsl	AB	70	16.86
Tioga Fine Sandy Loam	Tif	A	10	2.41
				0.00
Total Area				24.08

Impervious Landuses Present:												
	Roadway		Sidewalk		Driveway		Building		SWMF		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Hal		98		98		98		98		98	0	0
Stsl		98		98		98		98		98	0	0
Tif		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
Subtotal Area	0		0		0		0		0			

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Hal	0.00		0.00		0.00		4.82	69	0.00		4.82	332.30
Stsl	0.00		0.00		0.00		0.00		16.86	65	16.86	1095.64
Tif	0.00		0.00		0.00		1.44	49	0.96	58	2.41	126.66
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
Subtotal Area	0.00		0.00		0.00		6.26		17.82			

Composite Area Calculations		
	Total Pervious Area	24.08
	Total Impervious Area	0.00
	% Impervious	0.00
	Composite Curve Number	64.56
	Total Area Check	24.08

Initial Abstraction and Tp Calculations

Initial Abstraction				Composite Curve Number								
				Harkaway		Sargent gravelly sandy loam		Tioga Fine Sandy		0		
Landuse	IA (mm)	Area (ha)	A * IA	RC	Area	RC	Area	RC	Area	RC	Area	A*RC
Woodland	10	0.00	0.0		0.00		0.00		0.00		0.00	0.00
Meadow	8	0.00	0.0		0.00		0.00		0.00		0.00	0.00
Wetland	16	0.00	0.0		0.00		0.00		0.00		0.00	0.00
Lawn	5	6.26	31.3	0.28	4.82		0.00	0.10	1.44		0.00	1.49
Cultivated	7	17.82	124.7		0.00	0.29	16.86	0.22	0.96		0.00	5.10
Impervious	2	0.00	0.0		0.00		0.00		0.00		0.00	0.00
Composite IA		24.08	6.5	Composite Runoff Coefficient								0.27

Time to Peak Inputs						Uplands			Bransby Williams		Airport	
Flow Path Description	Length (m)	Drop (m)	Slope (%)	$V/S^{0.5}$	Velocity (m/s)	Tc (hr)	Tp(hr)	TOTAL Tp (hr)	Tc (hr)	Tp(hr)	Tc (hr)	Tp(hr)
Cultivated	900	13	1.44%	2.7	0.32	0.77	0.52	0.52	0.58	0.39	1.19	0.80

Appropriate calculated time to peak:	0.80	Appropriate Method:	Airport

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Project Name:	Linksview	**D.A. NAME**	**506**
Project Number:	183-2687	**D.A. AREA**	**2.81**
Date:	August 6 2014		
By:	A. French		

Hydrologic Parameters: CALIB NASHYD Command
Pre Development Drainage Area: Catchment 506

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Tioga Fine Sandy Loam	Tif	A	100	2.81
				0.00
				0.00
				0.00
Total Area				2.81

Impervious Landuses Present:												
	Roadway		Sidewalk		Driveway		Building		SWMF		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
Subtotal Area	0		0		0		0		0			

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif	0.00		0.00		0.00		2.53	49	0.28	58	2.81	140.22
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
Subtotal Area	0.00		0.00		0.00		2.53		0.28			

	Composite Area Calculations	Total Pervious Area	2.81
		Total Impervious Area	0
		% Impervious	0.0
		Composite Curve Number	49.9
		Total Area Check	2.81

Initial Abstraction and Tp Calculations

Initial Abstraction				Composite Curve Number								
				Tioga Fine Sandy		0		0		0		
Landuse	IA (mm)	Area (ha)	A * IA	RC	Area	RC	Area	RC	Area	RC	Area	A*RC
Woodland	10	0.00	0.00		0		0		0		0	0.00
Meadow	8	0.00	0.00		0		0		0		0	0.00
Wetland	16	0.00	0.00		0		0		0		0	0.00
Lawn	5	2.53	12.65	0.10	3		0		0		0	0.25
Cultivated	7	0.28	1.97	0.22	0		0		0		0	0.06
Impervious	2	0.00	0.00		0		0		0		0	0.00
Composite IA		2.81	5.20	Composite Runoff Coefficient								0.11

Time to Peak Inputs						Uplands			Bransby Williams		Airport	
Flow Path Description	Length (m)	Drop (m)	Slope (%)	$V/S^{0.5}$	Velocity (m/s)	Tc (hr)	Tp(hr)	TOTAL Tp (hr)	Tc (hr)	Tp(hr)	Tc (hr)	Tp(hr)
Lawn	220	4	1.82%	2.3	0.31	0.20	0.13	0.13	0.17	0.11	0.65	0.44

Appropriate calculated time to peak:	0.44	Appropriate Method:	Airport

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Project Name:	Linksview	**D.A. NAME**	**507**
Project Number:	183-2687	**D.A. AREA**	**5.22**
Date:	August 6 2014		
By:	A. French		

Hydrologic Parameters: CALIB NASHYD Command
Pre Development Drainage Area: Catchment 507

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Tioga Fine Sandy Loam	Tif	A	100	5.22
				0.00
				0.00
				0.00
Total Area				5.22

Impervious Landuses Present:												
	Roadway		Sidewalk		Driveway		Building		SWMF		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
Subtotal Area	0		0		0		0		0			

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif	0.00		0.00		0.00		5.22	49	0.00		5.22	255.78
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
Subtotal Area	0.00		0.00		0.00		5.22		0.00			

Composite Area Calculations		
	Total Pervious Area	5.22
	Total Impervious Area	0
	% Impervious	0.0
	Composite Curve Number	49.0
	Total Area Check	5.22

Initial Abstraction and Tp Calculations

Initial Abstraction				Composite Curve Number								
Landuse	IA (mm)	Area (ha)	A * IA	Tioga Fine Sandy		0		0		0		
				RC	Area	RC	Area	RC	Area	RC	Area	A*RC
Woodland	10	0	0.0		0		0		0		0	0.00
Meadow	8	0	0.0		0		0		0		0	0.00
Wetland	16	0	0.0		0		0		0		0	0.00
Lawn	5	5.22	26.1	0.10	5		0		0		0	0.52
Cultivated	7	0	0.0		0		0		0		0	0.00
Impervious	2	0	0.0		0		0		0		0	0.00
Composite IA		5.22	5.0	Composite Runoff Coefficient								0.10

Time to Peak Inputs						Uplands			Bransby Williams		Airport	
Flow Path Description	Length (m)	Drop (m)	Slope (%)	$V/S^{0.5}$	Velocity (m/s)	Tc (hr)	Tp(hr)	TOTAL Tp (hr)	Tc (hr)	Tp(hr)	Tc (hr)	Tp(hr)
Lawn	200	5	2.50%	2.3	0.36	0.15	0.10	0.10	0.25	0.16	0.81	0.54
Watercourse	150	2	1.33%	4.6	0.53	0.08	0.05	0.15				

Appropriate calculated time to peak:	0.54	Appropriate Method:	Airport

CROZIER & ASSOCIATES
Consulting Engineers

Project Name:	Linksview	**D.A. NAME**	**508**
Project Number:	183-2687	**D.A. AREA**	**26.52**
Date:	August 6 2014		
By:	A. French		

Hydrologic Parameters: CALIB NASHYD Command
Pre Development Drainage Area: Catchment 508

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Tioga Fine Sandy Loam	Tif	A	80	21.22
Percy Fine Sandy Loam	Pfs	B	5	1.33
Sargent gravelly sandy	Stsl	AB	15	3.98
				0.00
Total Area				26.52

Impervious Landuses Present:												
	Roadway		Sidewalk		Driveway		Building		SWMF		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif		98		98		98		98		98	0	0
Pfs		98		98		98		98		98	0	0
Stsl		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
Subtotal Area	0		0		0		0		0			

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif	0.00		0.00		0.00		13.79	49	7.43	58	21.22	1106.41
Pfs	0.00		0.00		0.00		1.33	69	0.00		1.33	91.49
Stsl	0.00		0.00		0.00		0.00		3.98	65	3.98	258.57
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
Subtotal Area	0.00		0.00		0.00		15.12		11.40			

Composite Area Calculations	Total Pervious Area	26.52	
	Total Impervious Area	0	
	% Impervious	0.0	
	Composite Curve Number	54.9	
	Total Area Check	26.52	

Initial Abstraction and Tp Calculations

Initial Abstraction				Composite Curve Number								
				Tioga Fine Sandy		Percy Fine Sandy Loam		Sargent gravelly		0		
Landuse	IA (mm)	Area (ha)	A * IA	RC	Area	RC	Area	RC	Area	RC	Area	A*RC
Woodland	10	0.00	0.00		0.00		0.00		0.00		0.00	0.00
Meadow	8	0.00	0.00		0.00		0.00		0.00		0.00	0.00
Wetland	16	0.00	0.00		0.00		0.00		0.00		0.00	0.00
Lawn	5	15.12	75.58	0.10	13.79	0.28	1.33		0.00		0.00	1.75
Cultivated	7	11.40	79.83	0.22	7.43		0.00	0.29	3.98		0.00	2.79
Impervious	2	0.00	0.00		0.00		0.00		0.00		0.00	0.00
Composite IA		26.52	5.86	Composite Runoff Coefficient								0.17

Time to Peak Inputs						Uplands			Bransby Williams		Airport	
Flow Path Description	Length (m)	Drop (m)	Slope (%)	$V/S^{0.5}$	Velocity (m/s)	Tc (hr)	Tp(hr)	TOTAL Tp (hr)	Tc (hr)	Tp(hr)	Tc (hr)	Tp(hr)
Cultivated	600	10	1.67%	2.7	0.35	0.48	0.32	0.32	0.61	0.41	1.38	0.93
Lawn	220	3	1.36%	2.3	0.27	0.23	0.15	0.47				
Watercourse	140	1	0.71%	4.6	0.39	0.10	0.07	0.54				

Appropriate calculated time to peak:	0.93	Appropriate Method:	Airport

CROZIER & ASSOCIATES
Consulting Engineers

Project Name:
Project Number:
Date:
By:

D.A. NAME **601**
D.A. AREA (ha) **0.22**

Hydrologic Parameters: STANDHYD Command
Post Development Drainage Area: 601 (10th Line)

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Tioga Fine sandy Loam	Tif	A	100	0.22
				0.00
				0.00
				0.00
Total Area Check				0.22

Impervious Landuses Present:												
	Roadway		Apartment		Driveway		Building		SWMF		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif	0.08	98		98	0	98	0	98		98	0.076	7.45
0		98		98	0	98	0	98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
Subtotal Area	0.08		0		0		0		0			

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif	0		0		0		0.14	49	0		0.1425	6.9825
0	0		0		0		0.00		0		0	0
0	0		0		0		0.00		0		0	0
0	0		0		0		0.00		0		0	0
Subtotal Area	0		0		0		0.14		0			

Pervious Area Calculations	Total Pervious Area	0.1425
	Composite Pervious Curve Number	49
Impervious Area Calculations	Total Directly Connected Area	0.076
	Total Indirectly Connected Area	0
	Total Impervious Area	0.076
	% X imp	34.8
	% T imp	34.8
	Total Area Check	0.22

Initial Abstraction and Flow Path Calculations

Landuse	IA (mm)	Area (ha)	A * IA
Woodland	10	0	0
Meadow	8	0	0
Wetland	16	0	0
Lawn	5	0.14	0.71
Cultivated	7	0	0

Land Use	IA (mm)	Slope (%)	Travel Length (m)	Manning's n
Pervious	5.0	2	3	0.25
Impervious	2.0	0.5	48	0.035

CROZIER & ASSOCIATES
Consulting Engineers

Project Name:
Project Number:
Date:
By:

D.A. NAME 602
D.A. AREA (ha) 1.15

Hydrologic Parameters: STANDHYD Command
Post Development Drainage Area: 602 (10th Line)

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Tioga Fine sandy Loam	Tif	A	100	1.15
				0
				0
				0
Total Area Check				1.15

Impervious Landuses Present:												
	Roadway		Apartment		Driveway		Building		SWMF		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif	0.40	98		98	0	98	0	98		98	0.400	39.20
0		98		98	0	98	0	98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
Subtotal Area	0.40		0		0		0		0			

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif	0		0		0		0.75	49	0		0.75	36.75
0	0		0		0		0		0		0	0
0	0		0		0		0		0		0	0
0	0		0		0		0		0		0	0
Subtotal Area	0		0		0		0.75		0			

	Pervious Area Calculations	Total Pervious Area	0.75
		Composite Pervious Curve Number	49
	Impervious Area Calculations	Total Directly Connected Area	0.4
		Total Indirectly Connected Area	0
		Total Impervious Area	0.4
		% X imp	34.8
		% T imp	34.8
		Total Area Check	1.15

Initial Abstraction and Flow Path Calculations

Landuse	IA (mm)	Area (ha)	A * IA
Woodland	10	0	0
Meadow	8	0	0
Wetland	16	0	0
Lawn	5	0.75	3.75
Cultivated	7	0	0

Land Use	IA (mm)	Slope (%)	Travel Length (m)	Manning's n
Pervious	5.0	2	3	0.25
Impervious	2.0	0.5	250	0.035

LEGEND



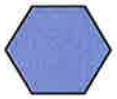
Drains to Mair Mills Estates SWM Pond



Drains to Mair Mills Village SWM Pond



Drains to Taylor's Creek



Drains to Outlet B



Drains to Node 3



Drains to Potential Future Outlet Pipe

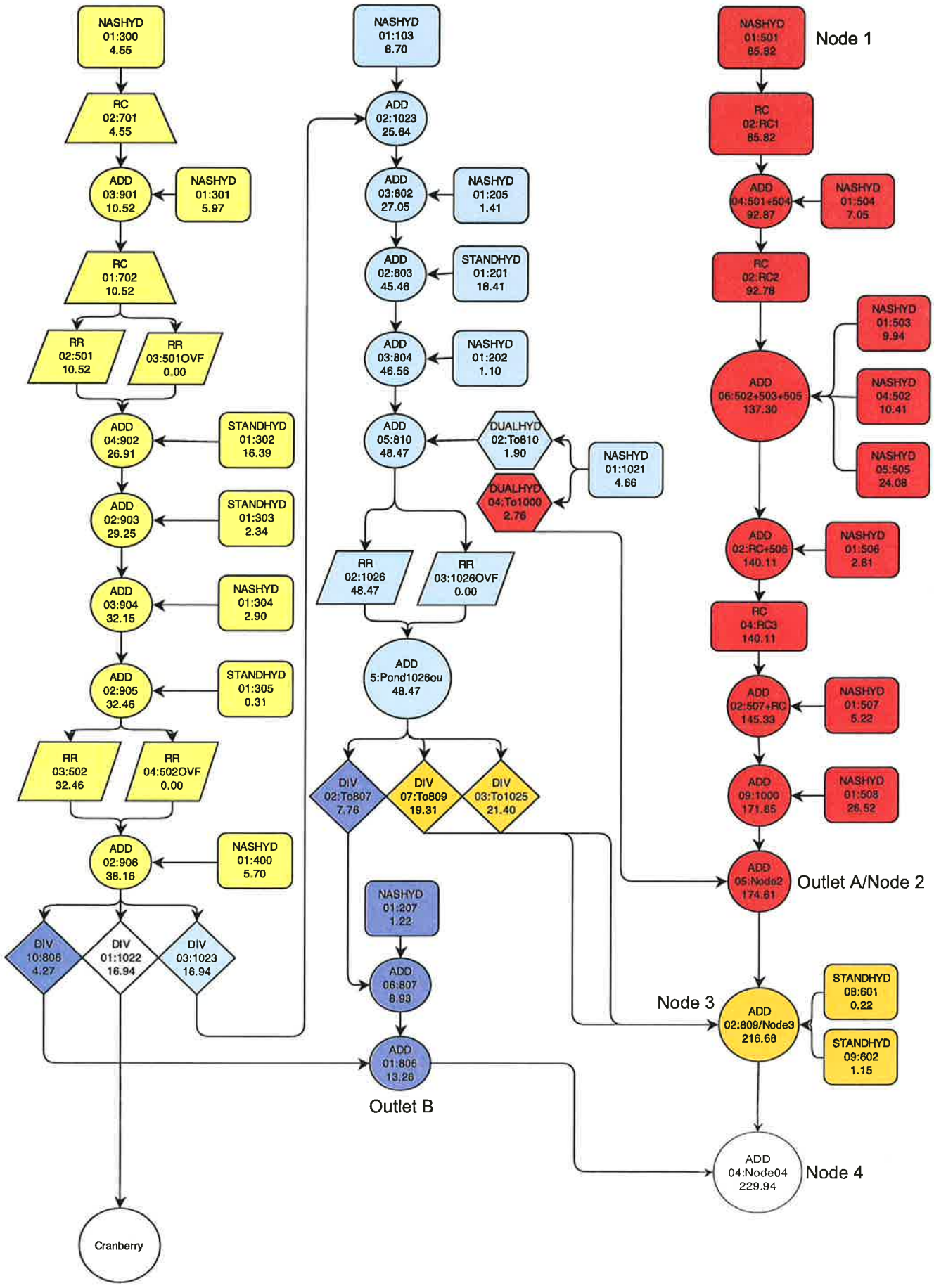


Ultimate Outlet

Format of SWMHYMO Data in Flowchart



Pre-Development Model



Pre Development


```
00001> ********************************************************************************
00002>
00003>   SSSSS  W    W  M    M  H    H  Y    Y  M    M   OOO          999    999    ==========
00004>   S      W    W  MM  MM  H    H   Y  Y   MM  MM  O   O        9   9  9   9
00005>   SSSSS  W    W  M MM M  HHHHH    Y     M MM M  O   O  ##    9   9  9   9   Ver  4.05
00006>       S  W WW W  M    M  H    H    Y     M    M  O   O          9999   9999   Sept 2011
00007>   SSSSS  W WW W  M    M  H    H    Y     M    M   OOO             9      9    ==========
00008>                                                                  9   9  9   9   # 3737016
00009>          StormWater Management HYdrologic Model                  999    999    ==========
00010>
00011> ********************************************************************************
00012> ********************************* SWMHYMO Ver/4.05 *****************************
00013> *********  A single event and continuous hydrologic simulation model  *********
00014> *********     based on the principles of HYMO and its successors      *********
00015> *********                OTTHYMO-83 and OTTHYMO-89                    *********
00016> ********************************************************************************
00017> *********  Distributed by:  J.F. Sabourin and Associates Inc.          *********
00018> *********                   Ottawa, Ontario: (613) 836-3884           *********
00019> *********                   Gatineau, Quebec: (819) 243-6858          *********
00020> *********                   E-Mail: swmhymo@jfsa.Com                  *********
00021> ********************************************************************************
00022>
00023> ********************************************************************************
00024> +++++++++  Licensed user: C.F. Crozier & Associates Inc                +++++++++
00025> +++++++++                 Collingwood          SERIAL#:3737016        +++++++++
00026> ********************************************************************************
00027>
00028> ********************************************************************************
00029> *********           ++++++ PROGRAM ARRAY DIMENSIONS ++++++             *********
00030> *********           Maximum value for ID numbers  :     10            *********
00031> *********           Max. number of rainfall points: 105408            *********
00032> *********           Max. number of flow points    : 105408            *********
00033> ********************************************************************************
00034>
00035> ***** DESCRIPTION SUMMARY TABLE HEADERS (units depend on METOUT in START) *****
00036> *****------------------------------------------------------------------*****
00037> *****     ID:  Hydrograph IDentification numbers, (1-10).              *****
00038> *****   NHYD:  Hydrograph reference numbers, (6 digits or characters). *****
00039> *****   AREA:  Drainage area associated with hydrograph, (ac.) or (ha.). *****
00040> *****  QPEAK:  Peak flow of simulated hydrograph, (ft^3/s) or (m^3/s). *****
00041> ***** TpeakDate_hh:mm is the date and time of the peak flow.           *****
00042> *****  R.V.:  Runoff Volume of simulated hydrograph, (in) or (mm).    *****
00043> *****  R.C.:  Runoff Coefficient of simulated hydrograph, (ratio).    *****
00044> *****     *:  see WARNING or NOTE message printed at end of run.      *****
00045> *****    **:  see ERROR message printed at end of run.               *****
00046> ********************************************************************************
00047> ********************************************************************************
00048>
00049> !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
00050>
00051> ********************************************************************************
00052>
00053> ********************  S U M M A R Y   O U T P U T  ********************
00054> ********************************************************************************
00055> *         DATE: 2014-10-10      TIME: 15:20:02      RUN COUNTER: 000367         *
00056> ********************************************************************************
00057> * Input   filename: C:\1PREWI~1.10\PreDev.dat                                   *
00058> * Output  filename: C:\1PREWI~1.10\PreDev.out                                   *
00059> * Summary filename: C:\1PREWI~1.10\PreDev.sum                                   *
00060> * User comments:                                                               *
00061> * 1: ___________________________________________________________________       *
00062> * 2: ___________________________________________________________________       *
00063> * 3: ___________________________________________________________________       *
00064> ********************************************************************************
00065>
00066>
00067> #*******************************************************************************
00068> #  Project Name: [Linksview PreDev]  Project Number: [183-2687]
00069> #  Date        : 2014 08 28
00070> #  Modified    :
00071> #  Modeller    : [A. French]
00072> #  Company     : C.F. Crozier & Associates Inc.
00073> #  License #   :  3737016
00074> #*******************************************************************************
00075> RUN:COMMAND#
00076> 001:0001----------------------------------------------------------------------
00077>     START
00078>       [TZERO =    .00 hrs on        0]
00079>       [METOUT=   2     (1=imperial, 2=metric output)]
00080>       [NSTORM=   1 ]
00081>       [NRUN  =   1 ]
00082> #*******************************************************************************
00083> 001:0002----------------------------------------------------------------------
00084>     READ STORM                                          25mm event
00085>       Filename = STORM.001
00086>       Comment  =
00087>       [SDT= 5.00:SDUR=   4.00:PTOT=  24.99]
00088> #       FLOW FROM MAIR MILLS ESTATES AND CONTRIBUTING AREAS
00089> 001:0003----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00090>     CALIB NASHYD      01:300              4.55     .018 No_date    2:25    3.23
00091>       [CN= 71.0: N= 3.00]
00092>       [Tp=  .74:DT= 5.00]
00093> 001:0004----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00094>     ROUTE CHANNEL   -> 01:300              4.55     .018 No_date    2:25    3.23
00095>       [RDT= 1.00] out<- 02:701              4.55     .011 No_date    3:20    3.23
00096>       [L/S/n=  450./ .050/.040]
00097>       [Vmax=  .100:Dmax=  .074]
00098> 001:0005----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00099>     CALIB NASHYD      01:301              5.97     .027 No_date    2:16    3.23
00100>       [CN= 71.0: N= 3.00]
00101>       [Tp=  .63:DT= 1.00]
00102> 001:0006----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00103>     ADD HYD           01:301              5.97     .027 No_date    2:16    3.23
00104>                     + 02:701              4.55     .011 No_date    3:20    3.23
00105>       [DT= 1.00]  SUM= 03:901             10.52     .034 No_date    2:26    3.23
00106> 001:0007----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00107>     ROUTE CHANNEL   -> 03:901             10.52     .034 No_date    2:26    3.23
00108>       [RDT= 1.00] out<- 01:702             10.52     .021 No_date    3:25    3.23
00109>       [L/S/n=  300./ .050/.060]
00110>       [Vmax=  .065:Dmax=  .172]
00111> 001:0008----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00112>     ROUTE RESERVOIR -> 01:702            10.52     .021 No_date    3:25    3.23
00113>       [RDT= 1.00] out<- 02:501             10.52     .021 No_date    3:38    3.23
00114>            overflow <= 03:501OVF            .00     .000 No_date    0:00     .00
00115>       [MxStoUsed=.1048E-02, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00116> 001:0009----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00117>     CALIB STANDHYD    01:302             16.39     .295 No_date    1:33    7.63
00118>       [XIMP=.20:TIMP=.40]
00119>       [LOSS= 2 :CN= 65.2]
00120>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
00121>       [Impervious   area: IAimp= 1.50:SLPI=  .50:LGI= 700.:MNI=.013:SCI=    .0]
00122> 001:0010----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00123>     ADD HYD           01:302             16.39     .295 No_date    1:33    7.63
00124>                     + 02:501             10.52     .021 No_date    3:38    3.23
00125>                     + 03:501OVF           .00     .000 No_date    0:00     .00
00126>       [DT= 1.00]  SUM= 04:902             26.91     .295 No_date    1:33    5.91
00127> 001:0011----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00128>     CALIB STANDHYD    01:303              2.34     .072 No_date    1:25    9.01
00129>       [XIMP=.25:TIMP=.50]
00130>       [LOSS= 2 :CN= 65.2]
00131>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
00132>       [Impervious   area: IAimp= 1.50:SLPI=  .50:LGI= 300.:MNI=.013:SCI=    .0]
00133> 001:0012----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00134>     ADD HYD           01:303              2.34     .072 No_date    1:25    9.01
00135>                     + 04:902             26.91     .295 No_date    1:33    5.91
00136>       [DT= 1.00]  SUM= 02:903             29.25     .352 No_date    1:32    6.16
00137> 001:0013----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00138>     CALIB NASHYD      01:304              2.90     .018 No_date    1:46    2.71
00139>       [CN= 66.6: N= 3.00]
00140>       [Tp=  .28:DT= 1.00]
00141> 001:0014----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00142>     ADD HYD           01:304              2.90     .018 No_date    1:46    2.71
00143>                     + 02:903             29.25     .352 No_date    1:32    6.16
00144>       [DT= 1.00]  SUM= 03:904             32.15     .364 No_date    1:32    5.85
00145> 001:0015----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00146>     CALIB STANDHYD    01:305               .31     .013 No_date    1:20    6.75
00147>       [XIMP=.20:TIMP=.20]
00148>       [LOSS= 2 :CN= 65.2]
00149>       [Pervious     area: IAper= 5.00:SLPP= .50:LGP= 100.:MNP=.250:SCP=    .0]
00150>       [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=    .0]
00151> 001:0016----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00152>     ADD HYD           01:305               .31     .013 No_date    1:20    6.75
00153>                     + 03:904             32.15     .364 No_date    1:32    5.85
00154>       [DT= 1.00]  SUM= 02:905             32.46     .366 No_date    1:32    5.86
00155> #                     MAIR MILLS ESTATES SWM FACILITY
00156> 001:0017----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00157>     ROUTE RESERVOIR -> 02:905            32.46     .366 No_date    1:32    5.86
00158>       [RDT= 1.00] out<- 03:502             32.46     .013 No_date    5:34    5.86
00159>            overflow <= 04:502OVF            .00     .000 No_date    0:00     .00
00160>       [MxStoUsed=.1591E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00161> 001:0018----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00162>     CALIB NASHYD      01:400              5.70     .006 No_date    2:36     .84
00163>       [CN= 50.2: N= 3.00]
00164>       [Tp=  .70:DT= 1.00]
00165> 001:0019----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00166>     ADD HYD           01:400              5.70     .006 No_date    2:36     .84
00167>                     + 03:502             32.46     .013 No_date    5:34    5.86
00168>                     + 04:502OVF           .00     .000 No_date    0:00     .00
00169>       [DT= 1.00]  SUM= 02:906             38.16     .016 No_date    3:06    5.11
00170> #       FLOW SPLIT: CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS
00171> 001:0020----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00172>     DIVERT HYD        02:906             38.16     .016 No_date    3:06    5.11
00173>               diverted <= 10:To806       38.16     .016 No_date    3:06    5.11
00174>               diverted <= 03:To1023        .00     .000 No_date    0:00     .00
00175>               diverted <= 01:To1022        .00     .000 No_date    0:00     .00
00176> #         FLOWS FROM TAYLOR"S CREEK UPSTREAM CATCHMENT AREAS
00177> #                          FLOWS TO NODE 1
00178> 001:0021----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00179>     CALIB NASHYD      01:501             85.82     .217 No_date    3:55    3.53
00180>       [CN= 78.8: N= 3.00]
00181>       [Tp= 1.72:DT= 1.00]
00182> 001:0022----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00183>     ROUTE CHANNEL   -> 01:501             85.82     .217 No_date    3:55    3.53
00184>       [RDT= 1.00] out<- 02:RC1             85.82     .216 No_date    4:00    3.53
00185>       [L/S/n=  350./1.500/.030]
00186>       [Vmax= 1.146:Dmax=  .513]
00187> 001:0023----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00188>     CALIB NASHYD      01:504              7.05     .011 No_date    2:15    1.15
00189>       [CN= 51.8: N= 3.00]
00190>       [Tp=  .55:DT= 1.00]
00191> 001:0024----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00192>     ADD HYD           01:504              7.05     .011 No_date    2:15    1.15
00193>                     + 02:RC1             85.82     .216 No_date    4:00    3.53
00194>       [DT= 1.00]  SUM= 04:501+504        92.87     .221 No_date    3:50    3.35
00195> 001:0025----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00196>     ROUTE CHANNEL   -> 04:501+504        92.87     .221 No_date    3:50    3.35
00197>       [RDT= 1.00] out<- 02:RC2             92.87     .221 No_date    4:03    3.35
00198>       [L/S/n=  425./1.250/.030]
00199>       {Vmax= 1.087:Dmax=  .448}
00200> 001:0026----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00201>     CALIB NASHYD      01:503              9.94     .024 No_date    2:29    2.00
00202>       [CN= 63.3: N= 3.00]
00203>       [Tp=  .74:DT= 1.00]
00204> 001:0027----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00205>     CALIB NASHYD      04:502             10.41     .024 No_date    2:18    1.70
00206>       [CN= 61.2: N= 3.00]
00207>       [Tp=  .59:DT= 1.00]
00208> 001:0028----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00209>     CALIB NASHYD      05:505             24.08     .061 No_date    2:34    2.17
00210>       [CN= 64.6: N= 3.00]
00211>       [Tp=  .80:DT= 1.00]
00212> 001:0029----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00213>     ADD HYD           01:503              9.94     .024 No_date    2:29    2.00
00214>                     + 02:RC2             92.87     .221 No_date    4:03    3.35
00215>                     + 04:502             10.41     .024 No_date    2:18    1.70
00216>                     + 05:505             24.08     .061 No_date    2:34    2.17
00217>       [DT= 1.00]  SUM= 06:502+503+50     137.30     .282 No_date    3:37    2.92
00218> 001:0030----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00219>     CALIB NASHYD      01:506              2.81     .007 No_date    2:00    1.43
00220>       [CN= 49.9: N= 3.00]
00221>       [Tp=  .44:DT= 1.00]
00222> 001:0031----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00223>     ADD HYD           01:506              2.81     .007 No_date    2:00    1.43
00224>                     + 06:502+503+50     137.30     .282 No_date    3:37    2.92
00225>       [DT= 1.00]  SUM= 02:RC+506         140.11     .284 No_date    3:33    2.89
00226> 001:0032----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00227>     ROUTE CHANNEL   -> 02:RC+506         140.11     .284 No_date    3:33    2.89
00228>       [RDT= 1.00] out<- 04:RC3           140.11     .284 No_date    3:38    2.89
00229>       [L/S/n=  200./1.000/.030]
00230>       {Vmax= 1.044:Dmax=  .508}
00231> 001:0033----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00232>     CALIB NASHYD      01:507              5.22     .011 No_date    2:09    1.41
00233>       [CN= 49.0: N= 3.00]
00234>       [Tp=  .54:DT= 1.00]
00235> 001:0034----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00236>     ADD HYD           01:507              5.22     .011 No_date    2:09    1.41
00237>                     + 04:RC3           140.11     .284 No_date    3:38    2.89
00238>       [DT= 1.00]  SUM= 02:507+RC         145.33     .288 No_date    3:34    2.84
00239> 001:0035----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00240>     CALIB NASHYD      01:508             26.52     .045 No_date    2:44    1.60
00241>       [CN= 54.9: N= 3.00]
00242>       [Tp=  .93:DT= 1.00]
00243> 001:0036----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00244>     ADD HYD           01:508             26.52     .045 No_date    2:44    1.60
00245>                     + 02:507+RC        145.33     .288 No_date    3:34    2.84
00246>       [DT= 1.00]  SUM= 09:1000           171.85     .325 No_date    3:21    2.65
00247> #             FLOWS FROM MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
00248> 001:0037----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00249>     CALIB NASHYD      01:103              8.70     .022 No_date    2:07    1.62
00250>       [CN= 59.2: N= 3.00]
00251>       [Tp=  .48:DT= 1.00]
00252> 001:0038----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00253>     ADD HYD           01:103              8.70     .022 No_date    2:07    1.62
00254>                     + 03:To1023           .00     .000 No_date    0:00     .00
00255>       [DT= 1.00]  SUM= 02:1023            8.70     .022 No_date    2:07    1.62
00256> 001:0039----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00257>     CALIB NASHYD      01:205              1.41     .004 No_date    1:41    1.20
00258>       [CN= 51.1: N= 3.00]
00259>       [Tp=  .20:DT= 1.00]
00260> 001:0040----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00261>     ADD HYD           01:205              1.41     .004 No_date    1:41    1.20
00262>                     + 02:1023            8.70     .022 No_date    2:07    1.62
00263>       [DT= 1.00]  SUM= 03:802             10.11     .024 No_date    2:04    1.56
00264> 001:0041----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00265>     CALIB STANDHYD    01:201             18.41    1.223 No_date    1:22   11.37
00266>       [XIMP=.43:TIMP=.56]
00267>       [LOSS= 2 :CN= 49.0]
00268>       [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=    .0]
00269>       [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=    .0]
00270> 001:0042----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
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00271>      ADD HYD              01:201          18.41    1.223 No_date    1:22   11.37
00272>                       +  03:802          10.11     .024 No_date    2:04    1.56
00273>        [DT= 1.00]  SUM=  02:803          28.52    1.224 No_date    1:22    7.89
00274>  001:0043----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00275>      CALIB NASHYD         01:202           1.10     .001 No_date    2:00     .64
00276>        [CN= 55.0: N= 3.00]
00277>        [Tp=  .25:DT= 1.00]
00278>  001:0044----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00279>      ADD HYD              01:202           1.10     .001 No_date    2:00     .64
00280>                       +  02:803          28.52    1.224 No_date    1:22    7.89
00281>        [DT= 1.00]  SUM=  03:804          29.62    1.224 No_date    1:22    7.62
00282>  001:0045----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00283>      CALIB NASHYD         01:1021          4.66     .009 No_date    2:32    1.61
00284>        [CN= 55.3: N= 3.00]
00285>        [Tp=  .78:DT= 1.00]
00286>  001:0046----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00287>      COMPUTE DUALHYD      01:1021          4.66     .009 No_date    2:32    1.61
00288>          Major System /  04:To1000          .00     .000 No_date    0:00     .00
00289>          Minor System \  02:To810          4.66     .009 No_date    2:32    1.61
00290>  001:0047----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00291>      ADD HYD              02:To810         4.66     .009 No_date    2:32    1.61
00292>                       +  03:804          29.62    1.224 No_date    1:22    7.62
00293>        [DT= 1.00]  SUM=  05:810          34.28    1.224 No_date    1:22    6.80
00294>  #                      MAIR MILLS VILLAGE SWM FACILITY
00295>  001:0048----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00296>      ROUTE RESERVOIR -> 05:810           34.28    1.224 No_date    1:22    6.80
00297>        [RDT= 1.00] out<- 02:1026         34.28     .023 No_date    4:10    6.80
00298>                  overflow <= 03:10260VF      .00     .000 No_date    0:00     .00
00299>        [MxStoUsed=.2099E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00300>  001:0049----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00301>      ADD HYD              02:1026          34.28     .023 No_date    4:10    6.80
00302>                       +  03:10260VF         .00     .000 No_date    0:00     .00
00303>        [DT= 1.00]  SUM=  05:Pond1026ou     34.28     .023 No_date    4:10    6.80
00304>  #            TENTH LINE DITCH FLOW SPLIT (OUTLET A AND OUTLET B)
00305>  001:0050----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00306>      DIVERT HYD       -> 05:Pond1026ou    34.28     .023 No_date    4:10    6.80
00307>                diverted <= 02:To807       34.28     .023 No_date    4:10    6.80
00308>                diverted <= 07:To809          .00     .000 No_date    0:00     .00
00309>                diverted <= 03:To1025         .00     .000 No_date    0:00     .00
00310>  #                      FLOWS TO NODE 2 (UPSTREAM OF TENTH LINE)
00311>  001:0051----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00312>      ADD HYD              09:1000        171.85     .325 No_date    3:21    2.65
00313>                       +  04:To1000          .00     .000 No_date    0:00     .00
00314>        [DT= 1.00]  SUM=  05:Node 2        171.85     .325 No_date    3:21    2.65
00315>  001:0052----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00316>      CALIB NASHYD         01:207           1.22     .006 No_date    1:33    1.61
00317>        [CN= 55.3: N= 3.00]
00318>        [Tp=  .13:DT= 1.00]
00319>  #                                  FLOWS TO OUTLET B
00320>  001:0053----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00321>      ADD HYD              01:207           1.22     .006 No_date    1:33    1.61
00322>                       +  02:To807         34.28     .023 No_date    4:10    6.80
00323>        [DT= 1.00]  SUM=  06:807           35.50     .023 No_date    4:01    6.63
00324>  001:0054----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00325>      ADD HYD              06:807          35.50     .023 No_date    4:01    6.63
00326>                       +  10:To806         38.16     .016 No_date    3:06    5.11
00327>        [DT= 1.00]  SUM=  01:806           73.66     .039 No_date    4:00    5.84
00328>  #                            FLOWS FROM TENTH LINE
00329>  001:0055----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00330>      CALIB STANDHYD       08:601            .22     .012 No_date    1:22    8.96
00331>        [XIMP=.35:TIMP=.35]
00332>        [LOSS= 2 :CN= 49.0]
00333>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
00334>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.035:SCI=   .0]
00335>  001:0056----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00336>      CALIB STANDHYD       09:602           1.15     .036 No_date    1:32    8.96
00337>        [XIMP=.35:TIMP=.35]
00338>        [LOSS= 2 :CN= 49.0]
00339>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
00340>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.035:SCI=   .0]
00341>  #                    FLOWS TO NODE 3/ OUTLET A (DOWNSTREAM OF TENTH LINE)
00342>  001:0057----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00343>      ADD HYD              05:Node 2       171.85     .325 No_date    3:21    2.65
00344>                       +  03:To1025          .00     .000 No_date    0:00     .00
00345>                       +  07:To809           .00     .000 No_date    0:00     .00
00346>                       +  08:601             .22     .012 No_date    1:22    8.96
00347>                       +  09:602            1.15     .036 No_date    1:32    8.96
00348>        [DT= 1.00]  SUM=  02:809/Node3     173.22     .329 No_date    3:21    2.69
00349>  #                    FLOWS TO NODE 4  (SUM OF OUTLETS A&B)
00350>  001:0058----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00351>      ADD HYD              02:809/Node3    173.22     .329 No_date    3:21    2.69
00352>                       +  01:806           73.66     .039 No_date    4:00    5.84
00353>        [DT= 1.00]  SUM=  04:Node4        246.88     .367 No_date    3:21    3.63
00354>    ** END OF RUN :   1
00355>
00356>  ************************************************************************
00357>
00358>
00359>
00360>
00361>
00362>  RUN:COMMAND#
00363>  002:0001----------------------------------------------------------------
00364>      START
00365>        [TZERO =    .00 hrs on       0]
00366>        [METOUT=   2    (1=imperial, 2=metric output)]
00367>        [NSTORM=   1 ]
00368>        [NRUN  =   2 ]
00369>  ************************************************************************
00370>  *  Project Name: [Linksview PreDev]  Project Number: [183-2687]
00371>  *  Date        : 2014 08 28
00372>  *  Modified    :
00373>  *  Modeller    : [A. French]
00374>  *  Company     : C.F. Crozier & Associates Inc.
00375>  *  License #   :  3737016
00376>  ************************************************************************
00377>  ************************************************************************
00378>  002:0002----------------------------------------------------------------
00379>      READ STORM
00380>        Filename = STORM.001
00381>        Comment  =
00382>        [SDT= 5.00:SDUR=    4.00:PTOT=  34.77]
00383>  #       FLOW FROM MAIR MILLS ESTATES AND CONTRIBUTING AREAS
00384>  002:0003----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00385>      CALIB NASHYD         01:300           4.55     .040 No_date    2:20    6.64
00386>        [CN= 71.0: N= 3.00]
00387>        [Tp=  .74:DT= 5.00]
00388>  002:0004----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00389>      ROUTE CHANNEL    -> 01:300           4.55     .040 No_date    2:20    6.64
00390>        [RDT= 1.00] out<- 02:701           4.55     .025 No_date    3:04    6.64
00391>        [L/S/n=  450./ .050/.040]
00392>        [Vmax=  .128:Dmax=  .111]
00393>  002:0005----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00394>      CALIB NASHYD         01:301           5.97     .058 No_date    2:15    6.64
00395>        [CN= 71.0: N= 3.00]
00396>        [Tp=  .63:DT= 1.00]
00397>  002:0006----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00398>      ADD HYD              01:301           5.97     .058 No_date    2:15    6.64
00399>                       +  02:701           4.55     .025 No_date    3:04    6.64
00400>        [DT= 1.00]  SUM=  03:901          10.52     .075 No_date    2:26    6.64
00401>  002:0007----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00402>      ROUTE CHANNEL    -> 03:901          10.52     .075 No_date    2:26    6.64
00403>        [RDT= 1.00] out<- 01:702          10.52     .053 No_date    3:01    6.64
00404>        [L/S/n=  300./ .050/.060]
00405>        [Vmax=  .100:Dmax=  .239]
00406>  002:0008----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00407>      ROUTE RESERVOIR -> 01:702          10.52     .053 No_date    3:01    6.64
00408>        [RDT= 1.00] out<- 02:501          10.52     .052 No_date    3:15    6.64
00409>                  overflow <= 03:501OVF       .00     .000 No_date    0:00     .00
00410>        [MxStoUsed=.3162E-02, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00411>  002:0009----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00412>      CALIB STANDHYD       01:302          16.39     .454 No_date    1:32   12.46
00413>        [XIMP=.20:TIMP=.40]
00414>        [LOSS= 2 :CN= 65.2]
00415>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
00416>        [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=   .0]
00417>  002:0010----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00418>      ADD HYD              01:302          16.39     .454 No_date    1:32   12.46
00419>                       +  02:501          10.52     .052 No_date    3:15    6.64
00420>                       +  03:501OVF          .00     .000 No_date    0:00     .00
00421>        [DT= 1.00]  SUM=  04:902          26.91     .454 No_date    1:32   10.18
00422>  002:0011----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00423>      CALIB STANDHYD       01:303           2.34     .102 No_date    1:26   14.40
00424>        [XIMP=.25:TIMP=.50]
00425>        [LOSS= 2 :CN= 65.2]
00426>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
00427>        [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=   .0]
00428>  002:0012----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00429>      ADD HYD              01:303           2.34     .102 No_date    1:26   14.40
00430>                       +  04:902          26.91     .454 No_date    1:32   10.18
00431>        [DT= 1.00]  SUM=  02:903          29.25     .545 No_date    1:31   10.52
00432>  002:0013----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00433>      CALIB NASHYD         01:304           2.90     .039 No_date    1:45    5.64
00434>        [CN= 66.6: N= 3.00]
00435>        [Tp=  .28:DT= 1.00]
00436>  002:0014----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00437>      ADD HYD              01:304           2.90     .039 No_date    1:45    5.64
00438>                       +  02:903          29.25     .545 No_date    1:31   10.52
00439>        [DT= 1.00]  SUM=  03:904          32.15     .570 No_date    1:32   10.08
00440>  002:0015----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00441>      CALIB STANDHYD       01:305            .31     .016 No_date    1:20   10.94
00442>        [XIMP=.20:TIMP=.20]
00443>        [LOSS= 2 :CN= 65.2]
00444>        [Pervious     area: IAper= 5.00:SLPP= .50:LGP= 100.:MNP=.250:SCP=   .0]
00445>        [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
00446>  002:0016----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00447>      ADD HYD              01:305            .31     .016 No_date    1:20   10.94
00448>                       +  03:904          32.15     .570 No_date    1:32   10.08
00449>        [DT= 1.00]  SUM=  02:905          32.46     .574 No_date    1:32   10.09
00450>  #                      MAIR MILLS ESTATES SWM FACILITY
00451>  002:0017----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00452>      ROUTE RESERVOIR -> 02:905          32.46     .574 No_date    1:32   10.09
00453>        [RDT= 1.00] out<- 03:502          32.46     .039 No_date    4:57   10.09
00454>                  overflow <= 04:502OVF       .00     .000 No_date    0:00     .00
00455>        [MxStoUsed=.2708E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00456>  002:0018----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00457>      CALIB NASHYD         01:400           5.70     .016 No_date    2:28    2.22
00458>        [CN= 50.2: N= 3.00]
00459>        [Tp=  .70:DT= 1.00]
00460>  002:0019----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00461>      ADD HYD              01:400           5.70     .016 No_date    2:28    2.22
00462>                       +  03:502          32.46     .039 No_date    4:57   10.09
00463>                       +  04:502OVF          .00     .000 No_date    0:00     .00
00464>        [DT= 1.00]  SUM=  02:906          38.16     .043 No_date    4:25    8.91
00465>  #       FLOW SPLIT: CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS
00466>  002:0020----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00467>      DIVERT HYD       -> 02:906          38.16     .043 No_date    4:25    8.91
00468>                diverted <= 10:To806       34.08     .020 No_date    4:25    8.91
00469>                diverted <= 03:To1023       2.04     .012 No_date    4:25    8.91
00470>                diverted <= 01:To1022       2.04     .012 No_date    4:25    8.91
00471>  #         FLOWS FROM TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
00472>  #                              FLOWS TO NODE 1
00473>  002:0021----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00474>      CALIB NASHYD         01:501           85.82     .483 No_date    3:45    7.73
00475>        [CN= 78.8: N= 3.00]
00476>        [Tp= 1.72:DT= 1.00]
00477>  002:0022----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00478>      ROUTE CHANNEL    -> 01:501          85.82     .483 No_date    3:45    7.73
00479>        [RDT= 1.00] out<- 02:RC1           85.82     .483 No_date    3:49    7.73
00480>        [L/S/n=  350./1.500/.030]
00481>        [Vmax= 1.403:Dmax=  .694]
00482>  002:0023----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00483>      CALIB NASHYD         01:504           7.05     .029 No_date    2:12    2.74
00484>        [CN= 51.8: N= 3.00]
00485>        [Tp=  .55:DT= 1.00]
00486>  002:0024----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00487>      ADD HYD              01:504           7.05     .029 No_date    2:12    2.74
00488>                       +  02:RC1          85.82     .483 No_date    3:49    7.73
00489>        [DT= 1.00]  SUM=  04:501+504       92.87     .493 No_date    3:46    7.35
00490>  002:0025----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00491>      ROUTE CHANNEL    -> 04:501+504      92.87     .493 No_date    3:46    7.35
00492>        [RDT= 1.00] out<- 02:RC2           92.87     .492 No_date    3:53    7.35
00493>        [L/S/n=  425./1.250/.030]
00494>        [Vmax= 1.210:Dmax=  .581]
00495>  002:0026----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00496>      CALIB NASHYD         01:503           9.94     .057 No_date    2:27    4.47
00497>        [CN= 63.3: N= 3.00]
00498>        [Tp=  .74:DT= 1.00]
00499>  002:0027----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00500>      CALIB NASHYD         04:502          10.41     .060 No_date    2:15    3.92
00501>        [CN= 61.2: N= 3.00]
00502>        [Tp=  .59:DT= 1.00]
00503>  002:0028----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00504>      CALIB NASHYD         05:505          24.08     .140 No_date    2:31    4.77
00505>        [CN= 64.6: N= 3.00]
00506>        [Tp=  .80:DT= 1.00]
00507>  002:0029----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00508>      ADD HYD              01:503           9.94     .057 No_date    2:27    4.47
00509>                       +  02:RC2          92.87     .492 No_date    3:53    7.35
00510>                       +  04:502          10.41     .060 No_date    2:15    3.92
00511>                       +  05:505          24.08     .140 No_date    2:31    4.77
00512>        [DT= 1.00]  SUM=  06:502+503+50   137.30     .637 No_date    3:19    6.43
00513>  002:0030----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00514>      CALIB NASHYD         01:506           2.81     .015 No_date    2:00    3.07
00515>        [CN= 49.9: N= 3.00]
00516>        [Tp=  .44:DT= 1.00]
00517>  002:0031----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00518>      ADD HYD              01:506           2.81     .015 No_date    2:00    3.07
00519>                       +  06:502+503+50   137.30     .637 No_date    3:19    6.43
00520>        [DT= 1.00]  SUM=  02:RC+506        140.11     .642 No_date    3:18    6.37
00521>  002:0032----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00522>      ROUTE CHANNEL    -> 02:RC+506       140.11     .642 No_date    3:18    6.37
00523>        [RDT= 1.00] out<- 04:RC3           140.11     .641 No_date    3:22    6.37
00524>        [L/S/n=  200./1.000/.030]
00525>        [Vmax=  .961:Dmax=  .637]
00526>  002:0033----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00527>      CALIB NASHYD         01:507           5.22     .025 No_date    2:08    3.01
00528>        [CN= 49.0: N= 3.00]
00529>        [Tp=  .54:DT= 1.00]
00530>  002:0034----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00531>      ADD HYD              01:507           5.22     .025 No_date    2:08    3.01
00532>                       +  04:RC3          140.11     .641 No_date    3:22    6.37
00533>        [DT= 1.00]  SUM=  02:507+RC        145.33     .652 No_date    3:20    6.24
00534>  002:0035----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00535>      CALIB NASHYD         01:508          26.52     .103 No_date    2:42    3.51
00536>        [CN= 54.9: N= 3.00]
00537>        [Tp=  .93:DT= 1.00]
00538>  002:0036----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00539>      ADD HYD              01:508          26.52     .103 No_date    2:42    3.51
00540>                       +  02:507+RC        145.33     .652 No_date    3:20    6.24
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00541>       [DT= 1.00]  SUM=  09:1000          171.85      .741 No_date    3:13    5.82
00542> #            FLOWS FROM MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
00543>  002:0037---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00544>       CALIB NASHYD       01:103             8.70      .053 No_date    2:05    3.72
00545>        [CN= 59.2: N= 3.00]
00546>        [Tp=  .48:DT= 1.00]
00547>  002:0038---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00548>       ADD HYD            01:103             8.70      .053 No_date    2:05    3.72
00549>                        + 03:To1023          2.04      .012 No_date    4:25    8.91
00550>        [DT= 1.00]  SUM=  02:1023           10.74      .056 No_date    2:08    4.71
00551>  002:0039---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00552>       CALIB NASHYD       01:205             1.41      .010 No_date    1:40    2.79
00553>        [CN= 51.1: N= 3.00]
00554>        [Tp=  .20:DT= 1.00]
00555>  002:0040---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00556>       ADD HYD            01:205             1.41      .010 No_date    1:40    2.79
00557>                        + 02:1023            10.74      .056 No_date    2:08    4.71
00558>        [DT= 1.00]  SUM=  03:802            12.15      .062 No_date    2:05    4.48
00559>  002:0041---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00560>       CALIB STANDHYD     01:201            18.41     1.575 No_date    1:22   16.73
00561>        [XIMP=.43:TIMP=.56]
00562>        [LOSS= 2 :CN= 49.0]
00563>        [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
00564>        [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
00565>  002:0042---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00566>       ADD HYD            01:201            18.41     1.575 No_date    1:22   16.73
00567>                        + 03:802            12.15      .062 No_date    2:05    4.48
00568>        [DT= 1.00]  SUM=  02:803            30.56     1.578 No_date    1:22   11.86
00569>  002:0043---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00570>       CALIB NASHYD       01:202             1.10      .005 No_date    1:51    2.05
00571>        [CN= 55.0: N= 3.00]
00572>        [Tp=  .25:DT= 1.00]
00573>  002:0044---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00574>       ADD HYD            01:202             1.10      .005 No_date    1:51    2.05
00575>                        + 02:803            30.56     1.578 No_date    1:22   11.86
00576>        [DT= 1.00]  SUM=  03:804            31.66     1.579 No_date    1:22   11.52
00577>  002:0045---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00578>       CALIB NASHYD       01:1021            4.66      .020 No_date    2:29    3.54
00579>        [CN= 55.3: N= 3.00]
00580>        [Tp=  .78:DT= 1.00]
00581>  002:0046---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00582>       COMPUTE DUALHYD    01:1021            4.66      .020 No_date    2:29    3.54
00583>         Major System /   04:To1000          .00      .000 No_date    0:00     .00
00584>         Minor System \   02:To810           4.66      .020 No_date    2:29    3.54
00585>  002:0047---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00586>       ADD HYD            02:To810           4.66      .020 No_date    2:29    3.54
00587>                        + 03:804            31.66     1.579 No_date    1:22   11.52
00588>        [DT= 1.00]  SUM=  05:810            36.32     1.579 No_date    1:22   10.50
00589> #                       MAIR MILLS VILLAGE SWM FACILITY
00590>  002:0048---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00591>       ROUTE RESERVOIR -> 05:810           36.32     1.579 No_date    1:22   10.50
00592>        [RDT= 1.00] out<- 02:1026          36.32      .036 No_date    4:22   10.50
00593>                  overflow <- 03:1026OVF      .00      .000 No_date    0:00     .00
00594>        [MxStoUsed=.3319E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00595>  002:0049---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00596>       ADD HYD            02:1026            36.32      .036 No_date    4:22   10.50
00597>                        + 03:1026OVF          .00      .000 No_date    0:00     .00
00598>        [DT= 1.00]  SUM=  05:Pond1026ou     36.32      .036 No_date    4:22   10.50
00599> #          TENTH LINE DITCH FLOW SPLIT (OUTLET A AND OUTLET B)
00600>  002:0050---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00601>       DIVERT HYD       -> 05:Pond1026ou   36.32      .036 No_date    4:22   10.50
00602>                 diverted <= 02:To807      36.32      .036 No_date    4:22   10.50
00603>                 diverted <= 07:To809         .00      .000 No_date    0:00     .00
00604>                 diverted <= 03:To1025        .00      .000 No_date    0:00     .00
00605> #                          FLOWS TO NODE 2 (UPSTREAM OF TENTH LINE)
00606>  002:0051---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00607>       ADD HYD            09:1000          171.85      .741 No_date    3:13    5.82
00608>                        + 04:To1000           .00      .000 No_date    0:00     .00
00609>        [DT= 1.00]  SUM=  05:Node 2         171.85      .741 No_date    3:13    5.82
00610>  002:0052---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00611>       CALIB NASHYD       01:207             1.22      .014 No_date    1:32    3.54
00612>        [CN= 55.3: N= 3.00]
00613>        [Tp=  .13:DT= 1.00]
00614> #                                  FLOWS TO OUTLET B
00615>  002:0053---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00616>       ADD HYD            01:207             1.22      .014 No_date    1:32    3.54
00617>                        + 02:To807          36.32      .036 No_date    4:22   10.50
00618>        [DT= 1.00]  SUM=  06:807            37.54      .037 No_date    4:01   10.27
00619>  002:0054---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00620>       ADD HYD            06:807             37.54      .037 No_date    4:01   10.27
00621>                        + 10:To806           34.08      .020 No_date    4:25    8.91
00622>        [DT= 1.00]  SUM=  01:806            71.62      .057 No_date    4:01    9.62
00623> #                                FLOWS FROM TENTH LINE
00624>  002:0055---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00625>       CALIB STANDHYD     08:601              .22      .016 No_date    1:22   13.43
00626>        [XIMP=.35:TIMP=.35]
00627>        [LOSS= 2 :CN= 49.0]
00628>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
00629>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.035:SCI=   .0]
00630>  002:0056---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00631>       CALIB STANDHYD     09:602             1.15      .052 No_date    1:31   13.43
00632>        [XIMP=.35:TIMP=.35]
00633>        [LOSS= 2 :CN= 49.0]
00634>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
00635>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.035:SCI=   .0]
00636> #                  FLOWS TO NODE 3/ OUTLET A (DOWNSTREAM OF TENTH LINE)
00637>  002:0057---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00638>       ADD HYD            05:Node 2          171.85      .741 No_date    3:13    5.82
00639>                        + 03:To1025          .00      .000 No_date    0:00     .00
00640>                        + 07:To809           .00      .000 No_date    0:00     .00
00641>                        + 08:601             .22      .016 No_date    1:22   13.43
00642>                        + 09:602            1.15      .052 No_date    1:31   13.43
00643>        [DT= 1.00]  SUM=  02:809/Node3     173.22      .747 No_date    3:10    5.88
00644> #                       FLOWS TO NODE 4  (SUM OF OUTLETS A&B)
00645>  002:0058---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00646>       ADD HYD            02:809/Node3       173.22      .747 No_date    3:10    5.88
00647>                        + 01:806             71.62      .057 No_date    4:01    9.62
00648>        [DT= 1.00]  SUM=  04:Node4          244.84      .802 No_date    3:11    6.98
00649>   ** END OF RUN :   2
00650>
00651>  ************************************************************************
00652>
00653>
00654>
00655>
00656>
00657>  RUN:COMMAND#
00658>  003:0001----------------------------------------------------------------------
00659>       START
00660>         [TZERO =    .00 hrs on       0]
00661>         [METOUT=   2    (1=imperial, 2=metric output)]
00662>         [NSTORM=   1 ]
00663>         [NRUN  =   3 ]
00664> #*************************************************************************
00665> #  Project Name: [Linksview PreDev]  Project Number: [183-2687]
00666> #  Date        : 2014 08 28
00667> #  Modified    :
00668> #  Modeller    : [A. French]
00669> #  Company     : C.F. Crozier & Associates Inc.
00670> #  License #   : 3737016
00671> #*************************************************************************
00672> #*************************************************************************
00673>  003:0002----------------------------------------------------------------------
00674>       READ STORM
00675>         Filename = STORM.001
00676>       Comment  =
00677>        [SDT= 5.00:SDUR=   4.00:PTOT=  46.10]
00678> #        FLOW FROM MAIR MILLS ESTATES AND CONTRIBUTING AREAS
00679>  003:0003---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00680>       CALIB NASHYD       01:300             4.55      .069 No_date    2:20   11.66
00681>        [CN= 71.0: N= 3.00]
00682>        [Tp=  .74:DT= 5.00]
00683>  003:0004---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00684>       ROUTE CHANNEL    -> 01:300             4.55      .069 No_date    2:20   11.66
00685>        [RDT= 1.00] out<- 02:701             4.55      .050 No_date    2:56   11.66
00686>        [L/S/n=  450./ .050/.040]
00687>        [Vmax=  .167:Dmax=  .152]
00688>  003:0005---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00689>       CALIB NASHYD       01:301             5.97      .101 No_date    2:13   11.66
00690>        [CN= 71.0: N= 3.00]
00691>        [Tp=  .63:DT= 1.00]
00692>  003:0006---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00693>       ADD HYD            01:301             5.97      .101 No_date    2:13   11.66
00694>                        + 02:701             4.55      .050 No_date    2:56   11.66
00695>        [DT= 1.00]  SUM=  03:901            10.52      .138 No_date    2:26   11.66
00696>  003:0007---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00697>       ROUTE CHANNEL    -> 03:901            10.52      .138 No_date    2:26   11.66
00698>        [RDT= 1.00] out<- 01:702            10.52      .109 No_date    2:52   11.66
00699>        [L/S/n=  300./ .050/.060]
00700>        [Vmax=  .136:Dmax=  .305]
00701>  003:0008---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00702>       ROUTE RESERVOIR -> 01:702            10.52      .109 No_date    2:52   11.66
00703>        [RDT= 1.00] out<- 02:501            10.52      .106 No_date    3:06   11.66
00704>                  overflow <- 03:501OVF        .00      .000 No_date    0:00     .00
00705>        [MxStoUsed=.7002E-02, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00706>  003:0009---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00707>       CALIB STANDHYD     01:302            16.39      .699 No_date    1:34   10.88
00708>        [XIMP=.20:TIMP=.40]
00709>        [LOSS= 2 :CN= 65.2]
00710>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
00711>        [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=   .0]
00712>  003:0010---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00713>       ADD HYD            01:302            16.39      .699 No_date    1:34   10.88
00714>                        + 02:501            10.52      .106 No_date    3:06   11.66
00715>                        + 03:501OVF           .00      .000 No_date    0:00     .00
00716>        [DT= 1.00]  SUM=  04:902            26.91      .700 No_date    1:34   16.06
00717>  003:0011---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00718>       CALIB STANDHYD     01:303             2.34      .151 No_date    1:25   21.45
00719>        [XIMP=.25:TIMP=.50]
00720>        [LOSS= 2 :CN= 65.2]
00721>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
00722>        [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=   .0]
00723>  003:0012---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00724>       ADD HYD            01:303             2.34      .151 No_date    1:25   21.45
00725>                        + 04:902            26.91      .700 No_date    1:34   16.06
00726>        [DT= 1.00]  SUM=  02:903            29.25      .832 No_date    1:32   16.49
00727>  003:0013---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00728>       CALIB NASHYD       01:304             2.90      .069 No_date    1:44   10.02
00729>        [CN= 66.6: N= 3.00]
00730>        [Tp=  .28:DT= 1.00]
00731>  003:0014---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00732>       ADD HYD            01:304             2.90      .069 No_date    1:44   10.02
00733>                        + 02:903            29.25      .832 No_date    1:32   16.49
00734>        [DT= 1.00]  SUM=  03:904            32.15      .885 No_date    1:34   15.91
00735>  003:0015---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00736>       CALIB STANDHYD     01:305              .31      .021 No_date    1:20   16.57
00737>        [XIMP=.20:TIMP=.20]
00738>        [LOSS= 2 :CN= 65.2]
00739>        [Pervious     area: IAper= 5.00:SLPP= .50:LGP= 100.:MNP=.250:SCP=   .0]
00740>        [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
00741>  003:0016---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00742>       ADD HYD            01:305              .31      .021 No_date    1:20   16.57
00743>                        + 03:904            32.15      .885 No_date    1:34   15.91
00744>        [DT= 1.00]  SUM=  02:905            32.46      .890 No_date    1:34   15.91
00745> #                  MAIR MILLS ESTATES SWM FACILITY
00746>  003:0017---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00747>       ROUTE RESERVOIR -> 02:905            32.46      .890 No_date    1:34   15.91
00748>        [RDT= 1.00] out<- 03:502            32.46      .102 No_date    4:29   15.91
00749>                  overflow <= 04:502OVF        .00      .000 No_date    0:00     .00
00750>        [MxStoUsed=.3970E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00751>  003:0018---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00752>       CALIB NASHYD       01:400             5.70      .033 No_date    2:25    4.52
00753>        [CN= 50.2: N= 3.00]
00754>        [Tp=  .70:DT= 1.00]
00755>  003:0019---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00756>       ADD HYD            01:400             5.70      .033 No_date    2:25    4.52
00757>                        + 03:502            32.46      .102 No_date    4:29   15.91
00758>                        + 04:502OVF           .00      .000 No_date    0:00     .00
00759>        [DT= 1.00]  SUM=  02:906            38.16      .114 No_date    4:12   14.21
00760> #       FLOW SPLIT: CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS
00761>  003:0020---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00762>       DIVERT HYD       -> 02:906            38.16      .114 No_date    4:12   14.21
00763>                 diverted <= 10:To806      23.70      .020 No_date    4:12   14.21
00764>                 diverted <= 03:To1023      7.23      .047 No_date    4:12   14.21
00765>                 diverted <= 01:To1022      7.23      .047 No_date    4:12   14.21
00766> #         FLOWS FROM TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
00767> #                          FLOWS TO NODE 1
00768>  003:0021---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00769>       CALIB NASHYD       01:501            85.82      .866 No_date    3:42   13.87
00770>        [CN= 78.8: N= 3.00]
00771>        [Tp=  1.72:DT= 1.00]
00772>  003:0022---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00773>       ROUTE CHANNEL    -> 01:501            85.82      .866 No_date    3:42   13.87
00774>        [RDT= 1.00] out<- 02:RC1            85.82      .861 No_date    3:57   13.87
00775>        [L/S/n=  350./1.500/.030]
00776>        [Vmax=  .798:Dmax=  .801]
00777>  003:0023---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00778>       CALIB NASHYD       01:504             7.05      .056 No_date    2:10    5.31
00779>        [CN= 51.0: N= 3.00]
00780>        [Tp=  .55:DT= 1.00]
00781>  003:0024---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00782>       ADD HYD            01:504             7.05      .056 No_date    2:10    5.31
00783>                        + 02:RC1            85.82      .861 No_date    3:57   13.87
00784>        [DT= 1.00]  SUM=  04:501+504        92.87      .879 No_date    3:55   13.22
00785>  003:0025---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00786>       ROUTE CHANNEL    -> 04:501+504        92.87      .879 No_date    3:55   13.22
00787>        [RDT= 1.00] out<- 02:RC2            92.87      .877 No_date    4:02   13.22
00788>        [L/S/n=  425./1.250/.030]
00789>        [Vmax= 1.135:Dmax=  .676]
00790>  003:0026---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00791>       CALIB NASHYD       01:503             9.94      .105 No_date    2:25    8.28
00792>        [CN= 63.3: N= 3.00]
00793>        [Tp=  .74:DT= 1.00]
00794>  003:0027---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00795>       CALIB NASHYD       04:502            10.41      .113 No_date    2:13    7.43
00796>        [CN= 61.2: N= 3.00]
00797>        [Tp=  .59:DT= 1.00]
00798>  003:0028---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00799>       CALIB NASHYD       05:505            24.08      .257 No_date    2:29    8.77
00800>        [CN= 64.6: N= 3.00]
00801>        [Tp=  .80:DT= 1.00]
00802>  003:0029---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00803>       ADD HYD            01:503             9.94      .105 No_date    2:25    8.28
00804>                        + 02:RC2            92.87      .877 No_date    4:02   13.22
00805>                        + 04:502            10.41      .113 No_date    2:13    7.43
00806>                        + 05:505            24.08      .257 No_date    2:29    8.77
00807>        [DT= 1.00]  SUM=  06:502+503+50    137.30     1.112 No_date    3:30   11.65
00808>  003:0030---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00809>       CALIB NASHYD       01:506             2.81      .028 No_date    1:59    5.65
00810>        [CN= 49.9: N= 3.00]
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00811>       [Tp=  .44:DT= 1.00]
00812> 003:0031----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00813>     ADD HYD             01:506          2.81     .028 No_date    1:59    5.65
00814>                     +  06:502+503+50   137.30    1.112 No_date    3:30   11.65
00815>       [DT= 1.00]  SUM=  02:RC+506      140.11    1.120 No_date    3:29   11.53
00816> 003:0032----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00817>     ROUTE CHANNEL   -> 02:RC+506       140.11    1.120 No_date    3:29   11.53
00818>       [RDT= 1.00] out<- 04:RC3          140.11    1.120 No_date    3:32   11.53
00819>       [L/S/n=  200./1.000/.030]
00820>       [Vmax=  .930:Dmax=  .716]
00821> 003:0033----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00822>     CALIB NASHYD        01:507           5.22     .045 No_date    2:07    5.53
00823>       [CN= 49.0: N= 3.00]
00824>       [Tp=  .54:DT= 1.00]
00825> 003:0034----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00826>     ADD HYD             01:507          5.22     .045 No_date    2:07    5.53
00827>                     +  04:RC3          140.11    1.120 No_date    3:32   11.53
00828>       [DT= 1.00]  SUM=  02:507+RC       145.33    1.136 No_date    3:30   11.31
00829> 003:0035----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00830>     CALIB NASHYD        01:508          26.52     .189 No_date    2:40    6.49
00831>       [CN= 54.9: N= 3.00]
00832>       [Tp=  .93:DT= 1.00]
00833> 003:0036----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00834>     ADD HYD             01:508          26.52     .189 No_date    2:40    6.49
00835>                     +  02:507+RC       145.33    1.136 No_date    3:30   11.31
00836>       [DT= 1.00]  SUM=  09:1000        171.85    1.293 No_date    3:12   10.57
00837> #           FLOWS FROM MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
00838> 003:0037----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00839>     CALIB NASHYD        01:103          8.70     .102 No_date    2:03    7.03
00840>       [CN= 59.2: N= 3.00]
00841>       [Tp=  .48:DT= 1.00]
00842> 003:0038----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00843>     ADD HYD             01:103          8.70     .102 No_date    2:03    7.03
00844>                     +  03:To1023        7.23     .047 No_date    4:12   14.21
00845>       [DT= 1.00]  SUM=  02:1023         15.93     .117 No_date    2:13   10.29
00846> 003:0039----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00847>     CALIB NASHYD        01:205          1.41     .020 No_date    1:38    5.34
00848>       [CN= 51.1: N= 3.00]
00849>       [Tp=  .20:DT= 1.00]
00850> 003:0040----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00851>     ADD HYD             01:205          1.41     .020 No_date    1:38    5.34
00852>                     +  02:1023         15.93     .117 No_date    2:13   10.29
00853>       [DT= 1.00]  SUM=  03:802          17.34     .126 No_date    2:10    9.89
00854> 003:0041----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00855>     CALIB STANDHYD      01:201          18.41    2.208 No_date    1:21   23.38
00856>       [XIMP=.43:TIMP=.56]
00857>       [LOSS= 2 :CN= 49.0]
00858>       [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
00859>       [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
00860> 003:0042----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00861>     ADD HYD             01:201          18.41    2.208 No_date    1:21   23.38
00862>                     +  03:802          17.34     .126 No_date    2:10    9.89
00863>       [DT= 1.00]  SUM=  02:803          35.75    2.215 No_date    1:21   16.84
00864> 003:0043----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00865>     CALIB NASHYD        01:202           1.10     .011 No_date    1:47    4.52
00866>       [CN= 55.0: N= 3.00]
00867>       [Tp=  .25:DT= 1.00]
00868> 003:0044----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00869>     ADD HYD             01:202          1.10     .011 No_date    1:47    4.52
00870>                     +  02:803          35.75    2.215 No_date    1:21   16.84
00871>       [DT= 1.00]  SUM=  03:804          36.85    2.216 No_date    1:21   16.47
00872> 003:0045----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00873>     CALIB NASHYD        01:1021          4.66     .038 No_date    2:28    6.55
00874>       [CN= 55.3: N= 3.00]
00875>       [Tp=  .78:DT= 1.00]
00876> 003:0046----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00877>     COMPUTE DUALHYD     01:1021          4.66     .038 No_date    2:28    6.55
00878>       Major System /    04:To1000         .00     .000 No_date    0:00     .00
00879>       Minor System \    02:To810         4.66     .038 No_date    2:28    6.55
00880> 003:0047----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00881>     ADD HYD             02:To810         4.66     .038 No_date    2:28    6.55
00882>                     +  03:804          36.85    2.216 No_date    1:21   16.47
00883>       [DT= 1.00]  SUM=  05:810          41.51    2.216 No_date    1:21   15.35
00884> #                     MAIR MILLS VILLAGE SWM FACILITY
00885> 003:0048----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00886>     ROUTE RESERVOIR -> 05:810          41.51    2.216 No_date    1:21   15.35
00887>       [RDT= 1.00] out<- 02:1026        41.51     .145 No_date    4:03   15.35
00888>            overflow <= 03:10260VF        .00     .000 No_date    0:00     .00
00889>      [MxStoUsed=.4740E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00890> 003:0049----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00891>     ADD HYD             02:1026         41.51     .145 No_date    4:03   15.35
00892>                     +  03:10260VF         .00     .000 No_date    0:00     .00
00893>       [DT= 1.00]  SUM=  05:Pond1026ou   41.51     .145 No_date    4:03   15.35
00894> #           TENTH LINE DITCH FLOW SPLIT (OUTLET A AND OUTLET B)
00895> 003:0050----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00896>     DIVERT HYD      -> 05:Pond1026ou   41.51     .145 No_date    4:03   15.35
00897>            diverted <= 02:To807        34.67     .040 No_date    4:03   15.35
00898>            diverted <= 07:To809         6.85     .105 No_date    4:03   15.35
00899>            diverted <= 03:To1025         .00     .000 No_date    0:00     .00
00900> #                       FLOWS TO NODE 2 (UPSTREAM OF TENTH LINE)
00901> 003:0051----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00902>     ADD HYD             09:1000        171.85    1.293 No_date    3:12   10.57
00903>                     +  04:To1000          .00     .000 No_date    0:00     .00
00904>       [DT= 1.00]  SUM=  05:Node 2       171.85    1.293 No_date    3:12   10.57
00905> 003:0052----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00906>     CALIB NASHYD        01:207           1.22     .027 No_date    1:31    6.55
00907>       [CN= 55.3: N= 3.00]
00908>       [Tp=  .13:DT= 1.00]
00909> #                                 FLOWS TO OUTLET B
00910> 003:0053----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00911>     ADD HYD             01:207          1.22     .027 No_date    1:31    6.55
00912>                     +  02:To807        34.67     .040 No_date    4:03   15.35
00913>       [DT= 1.00]  SUM=  06:807          35.89     .051 No_date    1:35   15.06
00914> 003:0054----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00915>     ADD HYD             06:807          35.89     .051 No_date    1:35   15.06
00916>                     +  10:To806         23.70     .020 No_date    4:12   14.21
00917>       [DT= 1.00]  SUM=  01:806          59.58     .071 No_date    1:39   14.72
00918> #                                FLOWS FROM TENTH LINE
00919> 003:0055----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00920>     CALIB STANDHYD      08:601           .22     .022 No_date    1:21   19.03
00921>       [XIMP=.35:TIMP=.35]
00922>       [LOSS= 2 :CN= 49.0]
00923>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
00924>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.035:SCI=   .0]
00925> 003:0056----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00926>     CALIB STANDHYD      09:602           1.15     .077 No_date    1:29   19.03
00927>       [XIMP=.35:TIMP=.35]
00928>       [LOSS= 2 :CN= 49.0]
00929>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
00930>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.035:SCI=   .0]
00931> #                 FLOWS TO NODE 3/ OUTLET A (DOWNSTREAM OF TENTH LINE)
00932> 003:0057----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00933>     ADD HYD             05:Node 2       171.85    1.293 No_date    3:12   10.57
00934>                     +  03:To1025          .00     .000 No_date    0:00     .00
00935>                     +  07:To809          6.85     .105 No_date    4:03   15.35
00936>                     +  08:601             .22     .022 No_date    1:21   19.03
00937>                     +  09:602            1.15     .077 No_date    1:29   19.03
00938>       [DT= 1.00]  SUM=  02:809/Node3    180.07    1.380 No_date    3:26   10.81
00939> #                       FLOWS TO NODE 4  (SUM OF OUTLETS A&B)
00940> 003:0058----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00941>     ADD HYD             02:809/Node3    180.07    1.380 No_date    3:26   10.81
00942>                     +  01:806          59.58     .071 No_date    1:39   14.72
00943>       [DT= 1.00]  SUM=  04:Node4        239.65    1.443 No_date    3:22   11.78
00944>  ** END OF RUN :   3
00945>
00946> ************************************************************************
00947>
00948>
00949>
00950>
00951>
00952>  RUN:COMMAND#
00953>  004:0001----------------------------------------------------------------
00954>       START
00955>         [TZERO =    .00 hrs on        0]
00956>         [METOUT=   2    (1=imperial, 2=metric output)]
00957>         [NSTORM=   1 ]
00958>         [NRUN  =   4 ]
00959> #************************************************************************
00960> #  Project Name: [Linksview PreDev]  Project Number: [183-2687]
00961> #  Date        : 2014 08 28
00962> #  Modified    :
00963> #  Modeller    : [A. French]
00964> #  Company     : C.F. Crozier & Associates Inc.
00965> #  License #   :  3737016
00966> #************************************************************************
00967> #************************************************************************
00968>  004:0002----------------------------------------------------------------
00969>       READ STORM
00970>         Filename = STORM.001
00971>         Comment  =
00972>         [SDT= 5.00:SDUR=   4.00:PTOT=  53.81]
00973> #          FLOW FROM MAIR MILLS ESTATES AND CONTRIBUTING AREAS
00974>  004:0003----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00975>       CALIB NASHYD        01:300          4.55     .093 No_date    2:20   15.62
00976>         [CN= 71.0: N= 3.00]
00977>         [Tp=  .74:DT= 5.00]
00978>  004:0004----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00979>       ROUTE CHANNEL   -> 01:300          4.55     .093 No_date    2:20   15.62
00980>         [RDT= 1.00] out<- 02:701          4.55     .069 No_date    2:50   15.62
00981>         [L/S/n=  450./ .050/.040]
00982>         [Vmax=  .185:Dmax=  .177]
00983>  004:0005----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00984>       CALIB NASHYD        01:301          5.97     .137 No_date    2:13   15.62
00985>         [CN= 71.0: N= 3.00]
00986>         [Tp=  .63:DT= 1.00]
00987>  004:0006----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00988>       ADD HYD             01:301          5.97     .137 No_date    2:13   15.62
00989>                       +  02:701          4.55     .069 No_date    2:50   15.62
00990>         [DT= 1.00]  SUM=  03:901         10.52     .191 No_date    2:23   15.62
00991>  004:0007----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00992>       ROUTE CHANNEL   -> 03:901         10.52     .191 No_date    2:23   15.62
00993>         [RDT= 1.00] out<- 01:702         10.52     .155 No_date    2:45   15.62
00994>         [L/S/n=  300./ .050/.060]
00995>         [Vmax=  .161:Dmax=  .349]
00996>  004:0008----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00997>       ROUTE RESERVOIR -> 01:702         10.52     .155 No_date    2:45   15.62
00998>         [RDT= 1.00] out<- 02:501         10.52     .149 No_date    3:00   15.62
00999>              overflow <= 03:501OVF         .00     .000 No_date    0:00     .00
01000>       [MxStoUsed=.1039E-01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01001>  004:0009----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01002>       CALIB STANDHYD      01:302          16.39     .914 No_date    1:34   23.68
01003>         [XIMP=.20:TIMP=.40]
01004>         [LOSS= 2 :CN= 65.2]
01005>         [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
01006>         [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=   .0]
01007>  004:0010----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01008>       ADD HYD             01:302          16.39     .914 No_date    1:34   23.68
01009>                       +  02:501          10.52     .149 No_date    3:00   15.62
01010>                       +  03:501OVF         .00     .000 No_date    0:00     .00
01011>         [DT= 1.00]  SUM=  04:902          26.91     .915 No_date    1:34   20.53
01012>  004:0011----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01013>       CALIB STANDHYD      01:303           2.34     .187 No_date    1:24   26.65
01014>         [XIMP=.25:TIMP=.50]
01015>         [LOSS= 2 :CN= 65.2]
01016>         [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
01017>         [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=   .0]
01018>  004:0012----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01019>       ADD HYD             01:303          2.34     .187 No_date    1:24   26.65
01020>                       +  04:902          26.91     .915 No_date    1:34   20.53
01021>         [DT= 1.00]  SUM=  02:903          29.25    1.080 No_date    1:33   21.02
01022>  004:0013----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01023>       CALIB NASHYD        01:304          2.90     .094 No_date    1:44   13.52
01024>         [CN= 66.6: N= 3.00]
01025>         [Tp=  .28:DT= 1.00]
01026>  004:0014----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01027>       ADD HYD             01:304          2.90     .094 No_date    1:44   13.52
01028>                       +  02:903          29.25    1.080 No_date    1:33   21.02
01029>         [DT= 1.00]  SUM=  03:904          32.15    1.157 No_date    1:34   20.34
01030>  004:0015----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01031>       CALIB STANDHYD      01:305           .31     .024 No_date    1:20   20.80
01032>         [XIMP=.20:TIMP=.20]
01033>         [LOSS= 2 :CN= 65.2]
01034>         [Pervious     area: IAper= 5.00:SLPP= .50:LGP= 100.:MNP=.250:SCP=   .0]
01035>         [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
01036>  004:0016----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01037>       ADD HYD             01:305           .31     .024 No_date    1:20   20.80
01038>                       +  03:904          32.15    1.157 No_date    1:34   20.34
01039>         [DT= 1.00]  SUM=  02:905          32.46    1.163 No_date    1:34   20.34
01040> #                    MAIR MILLS ESTATES SWM FACILITY
01041>  004:0017----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01042>       ROUTE RESERVOIR -> 02:905         32.46    1.163 No_date    1:34   20.34
01043>         [RDT= 1.00] out<- 03:502         32.46     .139 No_date    4:25   20.34
01044>              overflow <= 04:502OVF         .00     .000 No_date    0:00     .00
01045>       [MxStoUsed=.4941E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01046>  004:0018----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01047>       CALIB NASHYD        01:400          5.70     .047 No_date    2:24    6.49
01048>         [CN= 50.2: N= 3.00]
01049>         [Tp=  .70:DT= 1.00]
01050>  004:0019----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01051>       ADD HYD             01:400          5.70     .047 No_date    2:24    6.49
01052>                       +  03:502          32.46     .139 No_date    4:25   20.34
01053>                       +  04:502OVF         .00     .000 No_date    0:00     .00
01054>         [DT= 1.00]  SUM=  02:906          38.16     .162 No_date    3:26   18.27
01055> #      FLOW SPLIT: CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS
01056>  004:0020----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01057>       DIVERT HYD      -> 02:906          38.16     .162 No_date    3:26   18.27
01058>              diverted <= 10:To806        19.18     .020 No_date    3:26   18.27
01059>              diverted <= 03:To1023        9.49     .071 No_date    3:26   18.27
01060>              diverted <= 01:To1022        9.49     .071 No_date    3:26   18.27
01061> #          FLOWS FROM TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
01062> #                              FLOWS TO NODE 1
01063>  004:0021----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01064>       CALIB NASHYD        01:501          85.82    1.166 No_date    3:41   18.64
01065>         [CN= 78.8: N= 3.00]
01066>         [Tp= 1.72:DT= 1.00]
01067>  004:0022----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01068>       ROUTE CHANNEL   -> 01:501          85.82    1.166 No_date    3:41   18.64
01069>         [RDT= 1.00] out<- 02:RC1          85.82    1.156 No_date    3:55   18.64
01070>         [L/S/n=  350./1.500/.030]
01071>         [Vmax=  .620:Dmax=  .852]
01072>  004:0023----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01073>       CALIB NASHYD        01:504          7.05     .080 No_date    2:09    7.47
01074>         [CN= 51.8: N= 3.00]
01075>         [Tp=  .55:DT= 1.00]
01076>  004:0024----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01077>       ADD HYD             01:504          7.05     .080 No_date    2:09    7.47
01078>                       +  02:RC1          85.82    1.156 No_date    3:55   18.64
01079>         [DT= 1.00]  SUM=  04:501+504      92.87    1.181 No_date    3:54   17.80
01080>  004:0025----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
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01081>      ROUTE CHANNEL   -> 04:501+504        92.87    1.181 No_date    3:54   17.80
01082>       [RDT= 1.00] out<- 02:RC2            92.87    1.178 No_date    4:01   17.80
01083>       [L/S/n=  425./1.250/.030]
01084>       [Vmax= 1.114:Dmax=  .730]
01085>  004:0026---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01086>      CALIB NASHYD        01:503             9.94     .145 No_date    2:24   11.38
01087>       [CN= 63.3: N= 3.00]
01088>       [Tp=  .74:DT= 1.00]
01089>  004:0027---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01090>      CALIB NASHYD        04:502            10.41     .158 No_date    2:12   10.31
01091>       [CN= 61.2: N= 3.00]
01092>       [Tp=  .59:DT= 1.00]
01093>  004:0028---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01094>      CALIB NASHYD        05:505            24.08     .354 No_date    2:28   12.00
01095>       [CN= 64.6: N= 3.00]
01096>       [Tp=  .80:DT= 1.00]
01097>  004:0029---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01098>      ADD HYD             01:503             9.94     .145 No_date    2:24   11.38
01099>                        + 02:RC2            92.87    1.178 No_date    4:01   17.80
01100>                        + 04:502            10.41     .158 No_date    2:12   10.31
01101>                        + 05:505            24.08     .354 No_date    2:28   12.00
01102>       [DT= 1.00]  SUM=  06:502+503+50     137.30    1.492 No_date    3:36   15.75
01103>  004:0030---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01104>      CALIB NASHYD        01:506             2.81     .039 No_date    1:58    7.78
01105>       [CN= 49.9: N= 3.00]
01106>       [Tp=  .44:DT= 1.00]
01107>  004:0031---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01108>      ADD HYD             01:506             2.81     .039 No_date    1:58    7.78
01109>                        + 06:502+503+50     137.30    1.492 No_date    3:36   15.75
01110>       [DT= 1.00]  SUM=  02:RC+506         140.11    1.503 No_date    3:34   15.59
01111>  004:0032---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01112>      ROUTE CHANNEL   -> 02:RC+506         140.11    1.503 No_date    3:34   15.59
01113>       [RDT= 1.00] out<- 04:RC3            140.11    1.502 No_date    3:37   15.59
01114>       [L/S/n=  200./1.000/.030]
01115>       [Vmax=  .914:Dmax=  .774]
01116>  004:0033---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01117>      CALIB NASHYD        01:507             5.22     .062 No_date    2:07    7.61
01118>       [CN= 49.0: N= 3.00]
01119>       [Tp=  .54:DT= 1.00]
01120>  004:0034---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01121>      ADD HYD             01:507             5.22     .062 No_date    2:07    7.61
01122>                        + 04:RC3            140.11    1.502 No_date    3:37   15.59
01123>       [DT= 1.00]  SUM=  02:507+RC         145.33    1.524 No_date    3:34   15.30
01124>  004:0035---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01125>      CALIB NASHYD        01:508            26.52     .261 No_date    2:39    8.95
01126>       [CN= 54.9: N= 3.00]
01127>       [Tp=  .93:DT= 1.00]
01128>  004:0036---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01129>      ADD HYD             01:508            26.52     .261 No_date    2:39    8.95
01130>                        + 02:507+RC         145.33    1.524 No_date    3:34   15.30
01131>       [DT= 1.00]  SUM=  09:1000           171.85    1.738 No_date    3:11   14.32
01132> #              FLOWS FROM MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
01133>  004:0037---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01134>      CALIB NASHYD        01:103             8.70     .142 No_date    2:02    9.75
01135>       [CN= 59.2: N= 3.00]
01136>       [Tp=  .48:DT= 1.00]
01137>  004:0038---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01138>      ADD HYD             01:103             8.70     .142 No_date    2:02    9.75
01139>                        + 03:To1023          9.49     .071 No_date    3:26   10.27
01140>       [DT= 1.00]  SUM=  02:1023           18.19     .179 No_date    2:11   14.20
01141>  004:0039---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01142>      CALIB NASHYD        01:205             1.41     .028 No_date    1:38    7.47
01143>       [CN= 51.1: N= 3.00]
01144>       [Tp=  .20:DT= 1.00]
01145>  004:0040---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01146>      ADD HYD             01:205             1.41     .028 No_date    1:38    7.47
01147>                        + 02:1023           18.19     .179 No_date    2:11   14.20
01148>       [DT= 1.00]  SUM=  03:802            19.60     .192 No_date    2:08   13.72
01149>  004:0041---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01150>      CALIB STANDHYD      01:201            18.41    2.610 No_date    1:21   28.15
01151>       [XIMP=.43:TIMP=.56]
01152>       [LOSS= 2 :CN= 49.0]
01153>       [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=    .0]
01154>       [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=    .0]
01155>  004:0042---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01156>      ADD HYD             01:201            18.41    2.610 No_date    1:21   28.15
01157>                        + 03:802            19.60     .192 No_date    2:08   13.72
01158>       [DT= 1.00]  SUM=  02:803            38.01    2.623 No_date    1:21   20.71
01159>  004:0043---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01160>      CALIB NASHYD        01:202             1.10     .016 No_date    1:45    6.67
01161>       [CN= 55.0: N= 3.00]
01162>       [Tp=  .25:DT= 1.00]
01163>  004:0044---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01164>      ADD HYD             01:202             1.10     .016 No_date    1:45    6.67
01165>                        + 02:803            38.01    2.623 No_date    1:21   20.71
01166>       [DT= 1.00]  SUM=  03:804            39.11    2.624 No_date    1:21   20.31
01167>  004:0045---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01168>      CALIB NASHYD        01:1021            4.66     .052 No_date    2:27    9.03
01169>       [CN= 55.3: N= 3.00]
01170>       [Tp=  .78:DT= 1.00]
01171>  004:0046---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01172>      COMPUTE DUALHYD     01:1021            4.66     .052 No_date    2:27    9.03
01173>          Major System /  04:To1000           .13     .006 No_date    2:27    9.03
01174>          Minor System \  02:To810           4.53     .046 No_date    2:07    9.03
01175>  004:0047---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01176>      ADD HYD             02:To810           4.53     .046 No_date    2:07    9.03
01177>                        + 03:804            39.11    2.624 No_date    1:21   20.31
01178>       [DT= 1.00]  SUM=  05:810            43.64    2.625 No_date    1:21   19.14
01179> #                      MAIR MILLS VILLAGE SWM FACILITY
01180>  004:0048---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01181>      ROUTE RESERVOIR -> 05:810            43.64    2.625 No_date    1:21   19.14
01182>       [RDT= 1.00] out<- 02:1026           43.64     .253 No_date    3:42   19.14
01183>                      overflow <= 03:1026OVF     .00     .000 No_date    0:00     .00
01184>       [MxStoUsed=.5327E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01185>  004:0049---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01186>      ADD HYD             02:1026           43.64     .253 No_date    3:42   19.14
01187>                        + 03:1026OVF         .00     .000 No_date    0:00     .00
01188>       [DT= 1.00]  SUM=  05:Pond1026ou     43.64     .253 No_date    3:42   19.14
01189> #            TENTH LINE DITCH FLOW SPLIT (OUTLET A AND OUTLET B)
01190>  004:0050---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01191>      DIVERT HYD      -> 05:Pond1026ou     43.64     .253 No_date    3:42   19.14
01192>             diverted <= 02:To807          29.37     .040 No_date    3:42   19.14
01193>             diverted <= 07:To809          14.27     .213 No_date    3:42   19.14
01194>             diverted <= 03:To1025           .00     .000 No_date    0:00     .00
01195> #                      FLOWS TO NODE 2 (UPSTREAM OF TENTH LINE)
01196>  004:0051---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01197>      ADD HYD             09:1000          171.85    1.738 No_date    3:11   14.32
01198>                        + 04:To1000           .13     .006 No_date    2:27    9.03
01199>       [DT= 1.00]  SUM=  05:Node 2         171.98    1.738 No_date    3:11   14.32
01200>  004:0052---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01201>      CALIB NASHYD        01:207             1.22     .037 No_date    1:31    9.03
01202>       [CN= 55.3: N= 3.00]
01203>       [Tp=  .13:DT= 1.00]
01204> #                                FLOWS TO OUTLET B
01205>  004:0053---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01206>      ADD HYD             01:207             1.22     .037 No_date    1:31    9.03
01207>                        + 02:To807          29.37     .040 No_date    3:42   19.14
01208>       [DT= 1.00]  SUM=  06:807            30.59     .066 No_date    1:34   18.74
01209>  004:0054---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01210>      ADD HYD             06:807            30.59     .066 No_date    1:34   18.74
01211>                        + 10:To806          19.18     .020 No_date    3:26   18.27
01212>       [DT= 1.00]  SUM=  01:806            49.77     .086 No_date    1:34   18.56
01213> #                              FLOWS FROM TENTH LINE
01214>  004:0055---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01215>      CALIB STANDHYD      08:601              .22     .027 No_date    1:21   23.08
01216>       [XIMP=.35:TIMP=.35]
01217>       [LOSS= 2 :CN= 49.0]
01218>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=    .0]
01219>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.035:SCI=    .0]
01220>  004:0056---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01221>      CALIB STANDHYD      09:602              1.15     .093 No_date    1:29   23.08
01222>       [XIMP=.35:TIMP=.35]
01223>       [LOSS= 2 :CN= 49.0]
01224>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=    .0]
01225>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.035:SCI=    .0]
01226> #                      FLOWS TO NODE 3/ OUTLET A (DOWNSTREAM OF TENTH LINE)
01227>  004:0057---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01228>      ADD HYD             05:Node 2        171.98    1.738 No_date    3:11   14.32
01229>                        + 03:To1025           .00     .000 No_date    0:00     .00
01230>                        + 07:To809          14.27     .213 No_date    3:42   19.14
01231>                        + 08:601              .22     .027 No_date    1:21   23.08
01232>                        + 09:602             1.15     .093 No_date    1:29   23.08
01233>       [DT= 1.00]  SUM=  02:809/Node3      187.62    1.952 No_date    3:18   14.75
01234> #                      FLOWS TO NODE 4  (SUM OF OUTLETS A&B)
01235>  004:0058---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01236>      ADD HYD             02:809/Node3     187.62    1.952 No_date    3:18   14.75
01237>                        + 01:806            49.77     .086 No_date    1:34   18.56
01238>       [DT= 1.00]  SUM=  04:Node4          237.39    2.017 No_date    3:18   15.55
01239>   ** END OF RUN :   4
01240>
01241>  ************************************************************************************
01242>
01243>
01244>
01245>
01246>
01247>  RUN:COMMAND#
01248>  005:0001---------------------------------------------------------------------------
01249>      START
01250>       [TZERO =    .00 hrs on      0]
01251>       [METOUT=   2    (1=imperial, 2=metric output)]
01252>       [NSTORM=   1 ]
01253>       [NRUN  =   5 ]
01254> #*************************************************************************************
01255> #  Project Name: [Linksview PreDev]  Project Number: [183-2687]
01256> #  Date       : 2014 08 28
01257> #  Modified   :
01258> #  Modeller   : [A. French]
01259> #  Company    : C.F. Crozier & Associates Inc.
01260> #  License #  :  3737016
01261> #*************************************************************************************
01262> #*************************************************************************************
01263>  005:0002---------------------------------------------------------------------------
01264>      READ STORM
01265>       Filename = STORM.001
01266>       Comment  =
01267>       [SDT= 5.00:SDUR=   4.00:PTOT=  63.85]
01268> #       FLOW FROM MAIR MILLS ESTATES AND CONTRIBUTING AREAS
01269>  005:0003---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01270>      CALIB NASHYD        01:300             4.55     .128 No_date    2:20   21.30
01271>       [CN= 71.0: N= 3.00]
01272>       [Tp=  .74:DT= 5.00]
01273>  005:0004---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01274>      ROUTE CHANNEL   -> 01:300             4.55     .128 No_date    2:20   21.30
01275>       [RDT= 1.00] out<- 02:701             4.55     .099 No_date    2:42   21.30
01276>       [L/S/n=  450./ .050/.040]
01277>       [Vmax=  .214:Dmax=  .210]
01278>  005:0005---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01279>      CALIB NASHYD        01:301             5.97     .187 No_date    2:12   21.30
01280>       [CN= 71.0: N= 3.00]
01281>       [Tp=  .63:DT= 1.00]
01282>  005:0006---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01283>      ADD HYD             01:301             5.97     .187 No_date    2:12   21.30
01284>                        + 02:701             4.55     .099 No_date    2:42   21.30
01285>       [DT= 1.00]  SUM=  03:901            10.52     .268 No_date    2:23   21.30
01286>  005:0007---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01287>      ROUTE CHANNEL   -> 03:901            10.52     .268 No_date    2:23   21.30
01288>       [RDT= 1.00] out<- 01:702            10.52     .223 No_date    2:41   21.30
01289>       [L/S/n=  300./ .050/.060]
01290>       [Vmax=  .108:Dmax=  .398]
01291>  005:0008---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01292>      ROUTE RESERVOIR -> 01:702            10.52     .223 No_date    2:41   21.30
01293>       [RDT= 1.00] out<- 02:501            10.52     .171 No_date    3:32   21.30
01294>                      overflow <= 03:501OVF     .00     .000 No_date    0:00     .00
01295>       [MxStoUsed=.2622E-01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01296>  005:0009---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01297>      CALIB STANDHYD      01:302            16.39    1.229 No_date    1:35   30.33
01298>       [XIMP=.20:TIMP=.40]
01299>       [LOSS= 2 :CN= 65.2]
01300>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
01301>       [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=    .0]
01302>  005:0010---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01303>      ADD HYD             01:302            16.39    1.229 No_date    1:35   30.33
01304>                        + 02:501            10.52     .171 No_date    3:32   21.30
01305>                        + 03:501OVF           .00     .000 No_date    0:00     .00
01306>       [DT= 1.00]  SUM=  04:902            26.91    1.231 No_date    1:35   26.80
01307>  005:0011---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01308>      CALIB STANDHYD      01:303             2.34     .240 No_date    1:24   33.79
01309>       [XIMP=.25:TIMP=.50]
01310>       [LOSS= 2 :CN= 65.2]
01311>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
01312>       [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=    .0]
01313>  005:0012---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01314>      ADD HYD             01:303             2.34     .240 No_date    1:24   33.79
01315>                        + 04:902            26.91    1.231 No_date    1:35   26.80
01316>       [DT= 1.00]  SUM=  02:903            29.25    1.444 No_date    1:33   27.36
01317>  005:0013---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01318>      CALIB NASHYD        01:304             2.90     .131 No_date    1:43   18.59
01319>       [CN= 66.6: N= 3.00]
01320>       [Tp=  .28:DT= 1.00]
01321>  005:0014---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01322>      ADD HYD             01:304             2.90     .131 No_date    1:43   18.59
01323>                        + 02:903            29.25    1.444 No_date    1:33   27.36
01324>       [DT= 1.00]  SUM=  03:904            32.15    1.554 No_date    1:35   26.57
01325>  005:0015---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01326>      CALIB STANDHYD      01:305              .31     .029 No_date    1:20   26.72
01327>       [XIMP=.20:TIMP=.20]
01328>       [LOSS= 2 :CN= 65.2]
01329>       [Pervious     area: IAper= 5.00:SLPP= .50:LGP= 100.:MNP=.250:SCP=    .0]
01330>       [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=    .0]
01331>  005:0016---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01332>      ADD HYD             01:305              .31     .029 No_date    1:20   26.72
01333>                        + 03:904            32.15    1.554 No_date    1:35   26.57
01334>       [DT= 1.00]  SUM=  02:905            32.46    1.562 No_date    1:35   26.57
01335> #                      MAIR MILLS ESTATES SWM FACILITY
01336>  005:0017---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01337>      ROUTE RESERVOIR -> 02:905            32.46    1.562 No_date    1:35   26.57
01338>       [RDT= 1.00] out<- 03:502            32.46     .150 No_date    4:43   26.57
01339>                      overflow <= 04:502OVF     .00     .000 No_date    0:00     .00
01340>       [MxStoUsed=.6516E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01341>  005:0018---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01342>      CALIB NASHYD        01:400             5.70     .070 No_date    2:22    9.48
01343>       [CN= 50.2: N= 3.00]
01344>       [Tp=  .70:DT= 1.00]
01345>  005:0019---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01346>      ADD HYD             01:400             5.70     .070 No_date    2:22    9.48
01347>                        + 03:502            32.46     .150 No_date    4:43   26.57
01348>                        + 04:502OVF           .00     .000 No_date    0:00     .00
01349>       [DT= 1.00]  SUM=  02:906            38.16     .206 No_date    2:40   24.02
01350> #       FLOW SPLIT: CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS
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005:0020----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     DIVERT HYD      -> 02:906          38.16     .206 No_date    2:40   24.02
           diverted <= 10:To806         15.47     .020 No_date    2:40   24.02
           diverted <= 03:To1023        11.35     .093 No_date    2:40   24.02
           diverted <= 01:To1022        11.35     .093 No_date    2:40   24.02
#        FLOWS FROM TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
#                          FLOWS TO NODE 1
005:0021----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:501          85.82    1.591 No_date    3:39   25.39
      [CN= 78.8: N= 3.00]
      [Tp= 1.72:DT= 1.00]
005:0022----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE CHANNEL   -> 01:501          85.82    1.591 No_date    3:39   25.39
      [RDT= 1.00] out<- 02:RC1          85.82    1.576 No_date    3:55   25.39
      [L/S/n=  350./1.500/.030]
      [Vmax=  .543:Dmax=  .899]
005:0023----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:504           7.05     .116 No_date    2:08   10.71
      [CN= 51.8: N= 3.00]
      [Tp=  .55:DT= 1.00]
005:0024----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:504           7.05     .116 No_date    2:08   10.71
                      + 02:RC1          85.82    1.576 No_date    3:55   25.39
      [DT= 1.00]  SUM=  04:501+504      92.87    1.611 No_date    3:54   24.28
005:0025----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE CHANNEL   -> 04:501+504      92.87    1.611 No_date    3:54   24.28
      [RDT= 1.00] out<- 02:RC2          92.87    1.608 No_date    3:59   24.28
      [L/S/n=  425./1.250/.030]
      [Vmax= 1.118:Dmax=  .785]
005:0026----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:503           9.94     .205 No_date    2:23   15.93
      [CN= 63.3: N= 3.00]
      [Tp=  .74:DT= 1.00]
005:0027----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       04:502          10.41     .226 No_date    2:11   14.56
      [CN= 61.2: N= 3.00]
      [Tp=  .59:DT= 1.00]
005:0028----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       05:505          24.08     .496 No_date    2:27   16.73
      [CN= 64.6: N= 3.00]
      [Tp=  .80:DT= 1.00]
005:0029----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:503           9.94     .205 No_date    2:23   15.93
                      + 02:RC2          92.87    1.608 No_date    3:59   24.28
                      + 04:502          10.41     .226 No_date    2:11   14.56
                      + 05:505          24.08     .496 No_date    2:27   16.73
      [DT= 1.00]  SUM=  06:502+503+50   137.30    2.060 No_date    3:26   21.62
005:0030----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:506           2.81     .055 No_date    1:58   10.97
      [CN= 49.9: N= 3.00]
      [Tp=  .44:DT= 1.00]
005:0031----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:506           2.81     .055 No_date    1:58   10.97
                      + 06:502+503+50   137.30    2.060 No_date    3:26   21.62
      [DT= 1.00]  SUM=  02:RC+506       140.11    2.077 No_date    3:25   21.40
005:0032----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE CHANNEL   -> 02:RC+506       140.11    2.077 No_date    3:25   21.40
      [RDT= 1.00] out<- 04:RC3          140.11    2.076 No_date    3:29   21.40
      [L/S/n=  200./1.000/.030]
      [Vmax=  .934:Dmax=  .825]
005:0033----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:507           5.22     .088 No_date    2:06   10.71
      [CN= 49.0: N= 3.00]
      [Tp=  .54:DT= 1.00]
005:0034----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:507           5.22     .088 No_date    2:06   10.71
                      + 04:RC3          140.11    2.076 No_date    3:29   21.40
      [DT= 1.00]  SUM=  02:507+RC       145.33    2.109 No_date    3:26   21.02
005:0035----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:508          26.52     .369 No_date    2:39   12.59
      [CN= 54.9: N= 3.00]
      [Tp=  .93:DT= 1.00]
005:0036----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:508          26.52     .369 No_date    2:39   12.59
                      + 02:507+RC       145.33    2.109 No_date    3:26   21.02
      [DT= 1.00]  SUM=  09:1000         171.85    2.416 No_date    3:13   19.72
#          FLOWS FROM MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
005:0037----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:103           8.70     .203 No_date    2:02   13.79
      [CN= 59.2: N= 3.00]
      [Tp=  .48:DT= 1.00]
005:0038----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:103           8.70     .203 No_date    2:02   13.79
                      + 03:To1023       11.35     .093 No_date    2:40   24.02
      [DT= 1.00]  SUM=  02:1023         20.05     .272 No_date    2:10   19.58
005:0039----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:205           1.41     .041 No_date    1:37   10.67
      [CN= 51.1: N= 3.00]
      [Tp=  .20:DT= 1.00]
005:0040----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:205           1.41     .041 No_date    1:37   10.67
                      + 02:1023         20.05     .272 No_date    2:10   19.58
      [DT= 1.00]  SUM=  03:802          21.46     .291 No_date    2:07   18.99
005:0041----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD     01:201          18.41    3.174 No_date    1:21   34.62
      [XIMP=.43:TIMP=.56]
      [LOSS= 2 :CN= 49.0]
      [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
      [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
005:0042----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:201          18.41    3.174 No_date    1:21   34.62
                      + 03:802          21.46     .291 No_date    2:07   18.99
      [DT= 1.00]  SUM=  02:803          39.87    3.195 No_date    1:21   26.21
005:0043----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:202           1.10     .025 No_date    1:44    9.96
      [CN= 55.0: N= 3.00]
      [Tp=  .25:DT= 1.00]
005:0044----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:202           1.10     .025 No_date    1:44    9.96
                      + 02:803          39.87    3.195 No_date    1:21   26.21
      [DT= 1.00]  SUM=  03:804          40.97    3.198 No_date    1:21   25.77
005:0045----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:1021          4.66     .074 No_date    2:26   12.72
      [CN= 55.3: N= 3.00]
      [Tp=  .70:DT= 1.00]
005:0046----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     COMPUTE DUALHYD    01:1021          4.66     .074 No_date    2:26   12.72
        Major System /  04:To1000         .79     .028 No_date    2:26   12.72
        Minor System \  02:To810         3.87     .046 No_date    1:51   12.72
005:0047----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            02:To810         3.87     .046 No_date    1:51   12.72
                      + 03:804          40.97    3.198 No_date    1:21   25.77
      [DT= 1.00]  SUM=  05:810          44.84    3.199 No_date    1:21   24.64
#                       MAIR MILLS VILLAGE SWM FACILITY
005:0048----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE RESERVOIR -> 05:810          44.84    3.199 No_date    1:21   24.64
      [RDT= 1.00] out<- 02:1026         44.84     .391 No_date    3:14   24.64
            overflow <= 03:10260VF        .00     .000 No_date    0:00     .00
      [MxStoUsed=.6075E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
005:0049----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            02:1026          44.84     .391 No_date    3:14   24.64
                      + 03:10260VF          .00     .000 No_date    0:00     .00
      [DT= 1.00]  SUM=  05:Pond1026ou     44.84     .391 No_date    3:14   24.64
#          TENTH LINE DITCH FLOW SPLIT (OUTLET A AND OUTLET B)
005:0050----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     DIVERT HYD      -> 05:Pond1026ou     44.84     .391 No_date    3:14   24.64
           diverted <= 02:To807           24.59     .040 No_date    3:14   24.64
           diverted <= 07:To809           20.24     .351 No_date    3:14   24.64
           diverted <= 03:To1025            .00     .000 No_date    0:00     .00
#                          FLOWS TO NODE 2 (UPSTREAM OF TENTH LINE)
005:0051----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            09:1000         171.85    2.416 No_date    3:13   19.72
                      + 04:To1000          .79     .028 No_date    2:26   12.72
      [DT= 1.00]  SUM=  05:Node 2       172.64    2.425 No_date    3:11   19.69
005:0052----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:207           1.22     .053 No_date    1:31   12.72
      [CN= 55.3: N= 3.00]
      [Tp=  .13:DT= 1.00]
#                              FLOWS TO OUTLET B
005:0053----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:207           1.22     .053 No_date    1:31   12.72
                      + 02:To807         24.59     .040 No_date    3:14   24.64
      [DT= 1.00]  SUM=  06:807          25.81     .088 No_date    1:33   24.08
005:0054----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            06:807          25.81     .088 No_date    1:33   24.08
                      + 10:To806        15.47     .020 No_date    2:40   24.02
      [DT= 1.00]  SUM=  01:806          41.28     .108 No_date    1:33   24.06
#                          FLOWS FROM TENTH LINE
005:0055----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD     08:601            .22     .033 No_date    1:21   28.61
      [XIMP=.35:TIMP=.35]
      [LOSS= 2 :CN= 49.0]
      [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.035:SCI=   .0]
005:0056----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD     09:602           1.15     .118 No_date    1:20   28.61
      [XIMP=.35:TIMP=.35]
      [LOSS= 2 :CN= 49.0]
      [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.035:SCI=   .0]
#                  FLOWS TO NODE 3/ OUTLET A (DOWNSTREAM OF TENTH LINE)
005:0057----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            05:Node 2       172.64    2.425 No_date    3:11   19.69
                      + 03:To1025          .00     .000 No_date    0:00     .00
                      + 07:To809         20.24     .351 No_date    3:14   24.64
                      + 08:601             .22     .033 No_date    1:21   28.61
                      + 09:602            1.15     .118 No_date    1:20   28.61
      [DT= 1.00]  SUM=  02:809/Node3    194.25    2.787 No_date    3:11   20.27
#                    FLOWS TO NODE 4  (SUM OF OUTLETS A&B)
005:0058----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            02:809/Node3    194.25    2.787 No_date    3:11   20.27
                      + 01:806          41.28     .108 No_date    1:33   24.06
      [DT= 1.00]  SUM=  04:Node4        235.53    2.854 No_date    3:11   20.93
 ** END OF RUN :   5

**********************************************************************

RUN:COMMAND#
006:0001----------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on       0]
      [METOUT=   2     (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   6 ]
#*********************************************************************
#  Project Name: [Linksview PreDev]  Project Number: [183-2687]
#  Date        : 2014 08 28
#  Modified    :
#  Modeller    : [A. French]
#  Company     : C.F. Crozier & Associates Inc.
#  License #   :  3737016
#*********************************************************************
#*********************************************************************
006:0002----------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT= 5.00:SDUR=   4.00:PTOT=  70.27]
#        FLOW FROM MAIR MILLS ESTATES AND CONTRIBUTING AREAS
006:0003----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:300           4.55     .152 No_date    2:20   25.20
      [CN= 71.0: N= 3.00]
      [Tp=  .74:DT= 5.00]
006:0004----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE CHANNEL   -> 01:300           4.55     .152 No_date    2:20   25.20
      [RDT= 1.00] out<- 02:701           4.55     .121 No_date    2:45   25.20
      [L/S/n=  450./ .050/.040]
      [Vmax=  .225:Dmax=  .227]
006:0005----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:301           5.97     .223 No_date    2:11   25.20
      [CN= 71.0: N= 3.00]
      [Tp=  .63:DT= 1.00]
006:0006----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:301           5.97     .223 No_date    2:11   25.20
                      + 02:701           4.55     .121 No_date    2:45   25.20
      [DT= 1.00]  SUM=  03:901          10.52     .322 No_date    2:22   25.20
006:0007----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE CHANNEL   -> 03:901          10.52     .322 No_date    2:22   25.20
      [RDT= 1.00] out<- 01:702          10.52     .274 No_date    2:41   25.20
      [L/S/n=  300./ .050/.060]
      [Vmax=  .203:Dmax=  .427]
006:0008----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE RESERVOIR -> 01:702          10.52     .274 No_date    2:41   25.20
      [RDT= 1.00] out<- 02:501          10.52     .171 No_date    3:51   25.20
            overflow <= 03:501OVF         .00     .000 No_date    0:00     .00
      [MxStoUsed=.4942E-01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
006:0009----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD     01:302          16.39    1.466 No_date    1:35   34.80
      [XIMP=.20:TIMP=.40]
      [LOSS= 2 :CN= 65.2]
      [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
      [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=   .0]
006:0010----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:302          16.39    1.466 No_date    1:35   34.80
                      + 02:501          10.52     .171 No_date    3:51   25.20
                      + 03:501OVF         .00     .000 No_date    0:00     .00
      [DT= 1.00]  SUM=  04:902          26.91    1.469 No_date    1:35   31.05
006:0011----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD     01:303           2.34     .281 No_date    1:27   38.55
      [XIMP=.25:TIMP=.50]
      [LOSS= 2 :CN= 65.2]
      [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
      [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=   .0]
006:0012----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:303           2.34     .281 No_date    1:27   38.55
                      + 04:902          26.91    1.469 No_date    1:35   31.05
      [DT= 1.00]  SUM=  02:903          29.25    1.721 No_date    1:33   31.65
006:0013----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:304           2.90     .157 No_date    1:43   22.11
      [CN= 66.6: N= 3.00]
      [Tp=  .28:DT= 1.00]
006:0014----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:304           2.90     .157 No_date    1:43   22.11
                      + 02:903          29.25    1.721 No_date    1:33   31.65
      [DT= 1.00]  SUM=  03:904          32.15    1.852 No_date    1:34   30.79
006:0015----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
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50 yr CHI

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01621>      CALIB STANDHYD     01:305              .31     .032 No_date    1:20    30.72
01622>        [XIMP=.20:TIMP=.20]
01623>        [LOSS= 2 :CN= 65.2]
01624>        [Pervious     area: IAper= 5.00:SLPP= .50:LGP= 100.:MNP=.250:SCP=    .0]
01625>        [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=    .0]
01626> 006:0016---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01627>      ADD HYD            01:305              .31     .032 No_date    1:20    30.72
01628>                       + 03:904            32.15   1.852 No_date    1:34    30.79
01629>        [DT= 1.00]  SUM=  02:905            32.46   1.862 No_date    1:34    30.79
01630> #                     MAIR MILLS ESTATES SWM FACILITY
01631> 006:0017---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01632>      ROUTE RESERVOIR -> 02:905            32.46   1.862 No_date    1:34    30.79
01633>        [RDT= 1.00] out<- 03:502           32.46    .150 No_date    5:30    30.79
01634>                  overflow <= 04:502OVF      .00    .000 No_date    0:00      .00
01635>        [MxStoUsed=.7529E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01636> 006:0018---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01637>      CALIB NASHYD       01:400              5.70    .087 No_date    2:22    11.63
01638>        [CN= 50.2: N= 3.00]
01639>        [Tp=  .70:DT= 1.00]
01640> 006:0019---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01641>      ADD HYD            01:400              5.70    .087 No_date    2:22    11.63
01642>                       + 03:502            32.46    .150 No_date    5:30    30.79
01643>                       + 04:502OVF           .00    .000 No_date    0:00      .00
01644>        [DT= 1.00]  SUM=  02:906            38.16    .234 No_date    2:34    27.92
01645> #       FLOW SPLIT: CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS
01646> 006:0020---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01647>      DIVERT HYD         -> 02:906            38.16    .234 No_date    2:34    27.92
01648>                  diverted <= 10:To806       13.88    .020 No_date    2:34    27.92
01649>                  diverted <= 03:To1023      12.14    .107 No_date    2:34    27.92
01650>                  diverted <= 01:To1022      12.14    .107 No_date    2:34    27.92
01651> #         FLOWS FROM TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
01652> #                          FLOWS TO NODE 1
01653> 006:0021---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01654>      CALIB NASHYD       01:501              85.82   1.883 No_date    3:37    29.98
01655>        [CN= 78.8: N= 3.00]
01656>        [Tp= 1.72:DT= 1.00]
01657> 006:0022---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01658>      ROUTE CHANNEL   -> 01:501              85.82   1.883 No_date    3:37    29.98
01659>        [RDT= 1.00] out<- 02:RC1             85.82   1.865 No_date    3:52    29.98
01660>        [L/S/n=  350./1,500/.030]
01661>        [Vmax=  .517:Dmax=  .926]
01662> 006:0023---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01663>      CALIB NASHYD       01:504              7.05    .142 No_date    2:08    13.02
01664>        [CN= 51.8: N= 3.00]
01665>        [Tp=  .55:DT= 1.00]
01666> 006:0024---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01667>      ADD HYD            01:504              7.05    .142 No_date    2:08    13.02
01668>                       + 02:RC1             85.82   1.865 No_date    3:52    29.98
01669>        [DT= 1.00]  SUM=  04:501+504        92.87   1.909 No_date    3:50    28.70
01670> 006:0025---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01671>      ROUTE CHANNEL   -> 04:501+504        92.87   1.909 No_date    3:50    28.70
01672>        [RDT= 1.00] out<- 02:RC2             92.87   1.904 No_date    3:56    28.70
01673>        [L/S/n=  425./1.250/.030]
01674>        [Vmax= 1.124:Dmax=  .822]
01675> 006:0026---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01676>      CALIB NASHYD       01:503              9.94    .247 No_date    2:22    19.11
01677>        [CN= 63.3: N= 3.00]
01678>        [Tp=  .74:DT= 1.00]
01679> 006:0027---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01680>      CALIB NASHYD       04:502             10.41    .274 No_date    2:10    17.56
01681>        [CN= 61.2: N= 3.00]
01682>        [Tp=  .59:DT= 1.00]
01683> 006:0028---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01684>      CALIB NASHYD       05:505             24.08    .598 No_date    2:27    20.04
01685>        [CN= 64.6: N= 3.00]
01686>        [Tp=  .80:DT= 1.00]
01687> 006:0029---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01688>      ADD HYD            01:503              9.94    .247 No_date    2:22    19.11
01689>                       + 02:RC2             92.87   1.904 No_date    3:56    28.70
01690>                       + 04:502             10.41    .274 No_date    2:10    17.56
01691>                       + 05:505             24.08    .598 No_date    2:27    20.04
01692>        [DT= 1.00]  SUM=  06:502+503+50     137.30   2.449 No_date    3:28    25.64
01693> 006:0030---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01694>      CALIB NASHYD       01:506              2.81    .067 No_date    1:57    13.23
01695>        [CN= 49.9: N= 3.00]
01696>        [Tp=  .44:DT= 1.00]
01697> 006:0031---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01698>      ADD HYD            01:506              2.81    .067 No_date    1:57    13.23
01699>                       + 06:502+503+50     137.30   2.449 No_date    3:28    25.64
01700>        [DT= 1.00]  SUM=  02:RC+506        140.11   2.467 No_date    3:27    25.39
01701> 006:0032---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01702>      ROUTE CHANNEL   -> 02:RC+506        140.11   2.467 No_date    3:27    25.39
01703>        [RDT= 1.00] out<- 04:RC3           140.11   2.467 No_date    3:30    25.39
01704>        [L/S/n=  200./1,000/.030]
01705>        [Vmax=  .948:Dmax=  .861]
01706> 006:0033---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01707>      CALIB NASHYD       01:507              5.22    .107 No_date    2:06    12.92
01708>        [CN= 49.0: N= 3.00]
01709>        [Tp=  .54:DT= 1.00]
01710> 006:0034---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01711>      ADD HYD            01:507              5.22    .107 No_date    2:06    12.92
01712>                       + 04:RC3           140.11   2.467 No_date    3:30    25.39
01713>        [DT= 1.00]  SUM=  02:507+RC        145.33   2.506 No_date    3:27    24.94
01714> 006:0035---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01715>      CALIB NASHYD       01:508             26.52    .446 No_date    2:38    15.17
01716>        [CN= 54.9: N= 3.00]
01717>        [Tp=  .93:DT= 1.00]
01718> 006:0036---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01719>      ADD HYD            01:508             26.52    .446 No_date    2:38    15.17
01720>                       + 02:507+RC        145.33   2.506 No_date    3:27    24.94
01721>        [DT= 1.00]  SUM=  09:1000          171.85   2.880 No_date    3:10    23.44
01722> #          FLOWS FROM MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
01723> 006:0037---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01724>      CALIB NASHYD       01:103              8.70    .247 No_date    2:01    16.64
01725>        [CN= 59.2: N= 3.00]
01726>        [Tp=  .48:DT= 1.00]
01727> 006:0038---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01728>      ADD HYD            01:103              8.70    .247 No_date    2:01    16.64
01729>                       + 03:To1023          12.14    .107 No_date    2:34    27.92
01730>        [DT= 1.00]  SUM=  02:1023           20.84    .339 No_date    2:08    23.22
01731> 006:0039---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01732>      CALIB NASHYD       01:205              1.41    .051 No_date    1:37    12.96
01733>        [CN= 51.1: N= 3.00]
01734>        [Tp=  .20:DT= 1.00]
01735> 006:0040---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01736>      ADD HYD            01:205              1.41    .051 No_date    1:37    12.96
01737>                       + 02:1023           20.84    .339 No_date    2:08    23.22
01738>        [DT= 1.00]  SUM=  03:802            22.25    .362 No_date    2:06    22.57
01739> 006:0041---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01740>      CALIB STANDHYD     01:201              18.41   3.569 No_date    1:21    38.89
01741>        [XIMP=.43:TIMP=.56]
01742>        [LOSS= 2 :CN= 49.0]
01743>        [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=    .0]
01744>        [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=    .0]
01745> 006:0042---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01746>      ADD HYD            01:201              18.41   3.569 No_date    1:21    38.89
01747>                       + 03:802            22.25    .362 No_date    2:06    22.57
01748>        [DT= 1.00]  SUM=  02:803            40.66   3.596 No_date    1:21    29.96
01749> 006:0043---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01750>      CALIB NASHYD       01:202              1.10    .032 No_date    1:44    12.33
01751>        [CN= 55.0: N= 3.00]
01752>        [Tp=  .25:DT= 1.00]
01753> 006:0044---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01754>      ADD HYD            01:202              1.10    .032 No_date    1:44    12.33
01755>                       + 02:803            40.66   3.596 No_date    1:21    29.96
01756>        [DT= 1.00]  SUM=  03:804            41.76   3.600 No_date    1:21    29.49
01757> 006:0045---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01758>      CALIB NASHYD       01:1021             4.66    .089 No_date    2:26    15.32
01759>        [CN= 55.3: N= 3.00]
01760>        [Tp=  .78:DT= 1.00]
01761> 006:0046---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01762>      COMPUTE DUALHYD     01:1021             4.66    .089 No_date    2:26    15.32
01763>          Major System /  04:To1000           1.20    .043 No_date    2:26    15.32
01764>          Minor System \  03:To810            3.46    .046 No_date    1:46    15.32
01765> 006:0047---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01766>      ADD HYD            02:To810            3.46    .046 No_date    1:46    15.32
01767>                       + 03:804            41.76   3.600 No_date    1:21    29.49
01768>        [DT= 1.00]  SUM=  05:810            45.22   3.602 No_date    1:21    28.41
01769> #                     MAIR MILLS VILLAGE SWM FACILITY
01770> 006:0048---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01771>      ROUTE RESERVOIR -> 05:810            45.22   3.602 No_date    1:21    28.41
01772>        [RDT= 1.00] out<- 02:1026          45.22    .483 No_date    3:01    28.41
01773>                  overflow <= 03:1026OVF     .00    .000 No_date    0:00      .00
01774>        [MxStoUsed=.6577E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01775> 006:0049---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01776>      ADD HYD            02:1026            45.22    .483 No_date    3:01    28.41
01777>                       + 03:1026OVF          .00    .000 No_date    0:00      .00
01778>        [DT= 1.00]  SUM=  05:Pond1026ou     45.22    .483 No_date    3:01    28.41
01779> #            TENTH LINE DITCH FLOW SPLIT (OUTLET A AND OUTLET B)
01780> 006:0050---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01781>      DIVERT HYD         -> 05:Pond1026ou    45.22    .483 No_date    3:01    28.41
01782>                  diverted <= 02:To807       22.53    .040 No_date    3:01    28.41
01783>                  diverted <= 07:To809       22.69    .443 No_date    3:01    28.41
01784>                  diverted <= 03:To1025        .00    .000 No_date    0:00      .00
01785> #                          FLOWS TO NODE 2 (UPSTREAM OF TENTH LINE)
01786> 006:0051---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01787>      ADD HYD            09:1000           171.85   2.880 No_date    3:10    23.44
01788>                       + 04:To1000           1.20    .043 No_date    2:26    15.32
01789>        [DT= 1.00]  SUM=  05:Node 2         173.05   2.902 No_date    3:07    23.38
01790> 006:0052---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01791>      CALIB NASHYD       01:207              1.22    .065 No_date    1:31    15.32
01792>        [CN= 55.3: N= 3.00]
01793>        [Tp=  .13:DT= 1.00]
01794> #                               FLOWS TO OUTLET B
01795> 006:0053---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01796>      ADD HYD            01:207              1.22    .065 No_date    1:31    15.32
01797>                       + 02:To807           22.53    .040 No_date    3:01    28.41
01798>        [DT= 1.00]  SUM=  06:807            23.75    .104 No_date    1:32    27.74
01799> 006:0054---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01800>      ADD HYD            06:807            23.75    .104 No_date    1:32    27.74
01801>                       + 10:To806           13.88    .020 No_date    2:34    27.92
01802>        [DT= 1.00]  SUM=  01:806            37.63    .124 No_date    1:32    27.81
01803> #                              FLOWS FROM TENTH LINE
01804> 006:0055---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01805>      CALIB STANDHYD     08:601              .22    .038 No_date    1:21    32.29
01806>        [XIMP=.35:TIMP=.35]
01807>        [LOSS= 2 :CN= 49.0]
01808>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=    .0]
01809>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.035:SCI=    .0]
01810> 006:0056---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01811>      CALIB STANDHYD     09:602              1.15    .136 No_date    1:27    32.29
01812>        [XIMP=.35:TIMP=.35]
01813>        [LOSS= 2 :CN= 49.0]
01814>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=    .0]
01815>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.035:SCI=    .0]
01816> #                  FLOWS TO NODE 3/ OUTLET A (DOWNSTREAM OF TENTH LINE)
01817> 006:0057---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01818>      ADD HYD            05:Node 2         173.05   2.902 No_date    3:07    23.38
01819>                       + 03:To1025           .00    .000 No_date    0:00      .00
01820>                       + 07:To809          22.69    .443 No_date    3:01    28.41
01821>                       + 08:601              .22    .038 No_date    1:21    32.29
01822>                       + 09:602             1.15    .136 No_date    1:27    32.29
01823>        [DT= 1.00]  SUM=  02:809/Node3     197.11   3.358 No_date    3:06    24.02
01824> #                    FLOWS TO NODE 4  (SUM OF OUTLETS A&B)
01825> 006:0058---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01826>      ADD HYD            02:809/Node3     197.11   3.358 No_date    3:06    24.02
01827>                       + 01:806            37.63    .124 No_date    1:32    27.81
01828>        [DT= 1.00]  SUM=  04:Node4         234.74   3.426 No_date    3:05    24.63
01829>   ** END OF RUN :   6
01830>
01831> ************************************************************************
01832>
01833>
01834>
01835>
01836>
01837>  RUN:COMMAND#
01838>  007:0001-------------------------------------------------------------------
01839>      START
01840>        [TZERO =     .00 hrs on        0]
01841>        [METOUT=   2       (1=imperial, 2=metric output)]
01842>        [NSTORM=   1 ]
01843>        [NRUN   =  7 ]
01844> #*********************************************************************
01845> #  Project Name: [Linksview PreDev]  Project Number: [183-2687]
01846> #  Date        : 2014 08 28
01847> #  Modified    :
01848> #  Modeller    : [A. French]
01849> #  Company     : C.F. Crozier & Associates Inc.
01850> #  License #   :  3737016
01851> #*********************************************************************
01852> #*********************************************************************
01853>  007:0002-------------------------------------------------------------------
01854>      READ STORM
01855>       Filename = STORM.001
01856>      Comment  =
01857>       [SDT= 5.00:SDUR=   4.00:PTOT=  78.22]
01858> #       FLOW FROM MAIR MILLS ESTATES AND CONTRIBUTING AREAS
01859>  007:0003---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01860>      CALIB NASHYD       01:300              4.55    .182 No_date    2:20    30.29
01861>        [CN= 71.0: N= 3.00]
01862>        [Tp=  .74:DT= 5.00]
01863>  007:0004---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01864>      ROUTE CHANNEL   -> 01:300              4.55    .182 No_date    2:20    30.29
01865>        [RDT= 1.00] out<- 02:701             4.55    .146 No_date    2:42    30.29
01866>        [L/S/n=  450./ .050/.040]
01867>        [Vmax=  .240:Dmax=  .246]
01868>  007:0005---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01869>      CALIB NASHYD       01:301              5.97    .267 No_date    2:11    30.29
01870>        [CN= 71.0: N= 3.00]
01871>        [Tp=  .63:DT= 1.00]
01872>  007:0006---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01873>      ADD HYD            01:301              5.97    .267 No_date    2:11    30.29
01874>                       + 02:701              4.55    .146 No_date    2:42    30.29
01875>        [DT= 1.00]  SUM=  03:901            10.52    .391 No_date    2:21    30.29
01876>  007:0007---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01877>      ROUTE CHANNEL   -> 03:901            10.52    .391 No_date    2:21    30.29
01878>        [RDT= 1.00] out<- 01:702            10.52    .335 No_date    2:37    30.29
01879>        [L/S/n=  300./ .050/.060]
01880>        [Vmax=  .221:Dmax=  .461]
01881>  007:0008---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01882>      ROUTE RESERVOIR -> 01:702            10.52    .335 No_date    2:37    30.29
01883>        [RDT= 1.00] out<- 02:501            10.52    .173 No_date    4:11    30.29
01884>                  overflow <= 03:501OVF       .00    .000 No_date    0:00      .00
01885>        [MxStoUsed=.8506E-01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01886>  007:0009---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01887>      CALIB STANDHYD     01:302             16.39   1.730 No_date    1:34    40.53
01888>        [XIMP=.20:TIMP=.40]
01889>        [LOSS= 2 :CN= 65.2]
01890>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
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100yr CHI

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01891>       [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=   .0]
01892>  007:0010---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01893>      ADD HYD            01:302            16.39     1.730 No_date    1:34   40.53
01894>                     +  02:501            10.52      .173 No_date    4:11   30.29
01895>                     +  03:501OVF          .00       .000 No_date    0:00     .00
01896>       [DT= 1.00]  SUM=  04:902            26.91     1.734 No_date    1:34   36.53
01897>  007:0011---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01898>      CALIB STANDHYD     01:303             2.34      .334 No_date    1:27   44.63
01899>       [XIMP=.25:TIMP=.50]
01900>       [LOSS= 2 :CN= 65.2]
01901>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   40.:MNP=.250:SCP=   .0]
01902>       [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=   .0]
01903>  007:0012---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01904>      ADD HYD            01:303             2.34      .334 No_date    1:27   44.63
01905>                     +  04:902            26.91     1.734 No_date    1:34   36.53
01906>       [DT= 1.00]  SUM=  02:903            29.25     2.031 No_date    1:33   37.18
01907>  007:0013---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01908>      CALIB NASHYD       01:304             2.90      .188 No_date    1:43   26.72
01909>       [CN= 66.6: N= 3.00]
01910>       [Tp=  .28:DT= 1.00]
01911>  007:0014---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01912>      ADD HYD            01:304             2.90      .188 No_date    1:43   26.72
01913>                     +  02:903            29.25     2.031 No_date    1:33   37.18
01914>       [DT= 1.00]  SUM=  03:904            32.15     2.188 No_date    1:34   36.23
01915>  007:0015---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01916>      CALIB STANDHYD     01:305              .31      .035 No_date    1:20   35.88
01917>       [XIMP=.20:TIMP=.20]
01918>       [LOSS= 2 :CN= 65.2]
01919>       [Pervious     area: IAper= 5.00:SLPP= .50:LGP= 100.:MNP=.250:SCP=   .0]
01920>       [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
01921>  007:0016---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01922>      ADD HYD            01:305              .31      .035 No_date    1:20   35.88
01923>                     +  03:904            32.15     2.188 No_date    1:34   36.23
01924>       [DT= 1.00]  SUM=  02:905            32.46     2.200 No_date    1:34   36.23
01925> #                      MAIR MILLS ESTATES SWM FACILITY
01926>  007:0017---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01927>      ROUTE RESERVOIR -> 02:905            32.46     2.200 No_date    1:34   36.23
01928>       [RDT= 1.00] out<- 03:502            32.46     2.210 No_date    4:34   36.23
01929>                overflow <= 04:502OVF       .00       .000 No_date    0:00     .00
01930>       (MxStoUsed=.8559E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01931>  007:0018---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01932>      CALIB NASHYD       01:400             5.70      .108 No_date    2:21   14.53
01933>       [CN= 50.2: N= 3.00]
01934>       [Tp=  .70:DT= 1.00]
01935>  007:0019---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01936>      ADD HYD            01:400             5.70      .108 No_date    2:21   14.53
01937>                     +  03:502            32.46      .210 No_date    4:34   36.23
01938>                     +  04:502OVF          .00       .000 No_date    0:00     .00
01939>       [DT= 1.00]  SUM=  02:906            38.16      .258 No_date    2:21   32.99
01940> #        FLOW SPLIT: CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS
01941>  007:0020---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01942>      DIVERT HYD      -> 02:906            38.16      .258 No_date    2:21   32.99
01943>           diverted <= 10:To806            12.27      .020 No_date    2:21   32.99
01944>           diverted <= 03:To1023           12.95      .119 No_date    2:21   32.99
01945>           diverted <= 01:To1022           12.95      .119 No_date    2:21   32.99
01946> #        FLOWS FROM TAYLOR"S CREEK UPSTREAM CATCHMENT AREAS
01947> #                          FLOWS TO NODE 1
01948>  007:0021---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01949>      CALIB NASHYD       01:501            85.82     2.252 No_date    3:37   35.89
01950>       [CN= 70.8: N= 3.00]
01951>       [Tp= 1.72:DT= 1.00]
01952>  007:0022---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01953>      ROUTE CHANNEL   -> 01:501            85.82     2.252 No_date    3:37   35.89
01954>       [RDT= 1.00] out<- 02:RC1            85.82     2.231 No_date    3:51   35.89
01955>       [L/S/n=  350./1.500/.030]
01956>       (Vmax=  .504:Dmax=  .953]
01957>  007:0023---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01958>      CALIB NASHYD       01:504             7.05      .175 No_date    2:07   16.12
01959>       [CN= 51.8: N= 3.00]
01960>       [Tp=  .55:DT= 1.00]
01961>  007:0024---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01962>      ADD HYD            01:504             7.05      .175 No_date    2:07   16.12
01963>                     +  02:RC1            85.82     2.231 No_date    3:51   35.89
01964>       [DT= 1.00]  SUM=  04:501+504        92.87     2.285 No_date    3:49   34.40
01965>  007:0025---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01966>      ROUTE CHANNEL   -> 04:501+504        92.87     2.285 No_date    3:49   34.40
01967>       [RDT= 1.00] out<- 02:RC2            92.87     2.281 No_date    3:55   34.40
01968>       [L/S/n=  425./1.250/.030]
01969>       (Vmax= 1.139:Dmax=  .856]
01970>  007:0026---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01971>      CALIB NASHYD       01:503             9.94      .301 No_date    2:22   23.32
01972>       [CN= 63.3: N= 3.00]
01973>       [Tp=  .74:DT= 1.00]
01974>  007:0027---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01975>      CALIB NASHYD       04:502            10.41      .335 No_date    2:10   21.53
01976>       [CN= 61.2: N= 3.00]
01977>       [Tp=  .59:DT= 1.00]
01978>  007:0028---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01979>      CALIB NASHYD       05:505            24.08      .725 No_date    2:26   24.39
01980>       [CN= 64.6: N= 3.00]
01981>       [Tp=  .80:DT= 1.00]
01982>  007:0029---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01983>      ADD HYD            01:503             9.94      .301 No_date    2:22   23.32
01984>                     +  02:RC2            92.87     2.281 No_date    3:55   34.40
01985>                     +  04:502            10.41      .335 No_date    2:10   21.53
01986>                     +  05:505            24.08      .725 No_date    2:26   24.39
01987>       [DT= 1.00]  SUM=  06:502+503+50   137.30     2.964 No_date    3:23   30.87
01988>  007:0030---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01989>      CALIB NASHYD       01:506             2.81      .082 No_date    1:57   16.25
01990>       [CN= 49.9: N= 3.00]
01991>       [Tp=  .44:DT= 1.00]
01992>  007:0031---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01993>      ADD HYD            01:506             2.81      .082 No_date    1:57   16.25
01994>                     +  06:502+503+50   137.30     2.964 No_date    3:23   30.87
01995>       [DT= 1.00]  SUM=  02:RC+506        140.11     2.988 No_date    3:23   30.57
01996>  007:0032---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01997>      ROUTE CHANNEL   -> 02:RC+506        140.11     2.988 No_date    3:23   30.57
01998>       [RDT= 1.00] out<- 04:RC3            140.11     2.987 No_date    3:26   30.57
01999>       [L/S/n=  200./1.000/.030]
02000>       (Vmax=  .967:Dmax=  .905]
02001>  007:0033---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02002>      CALIB NASHYD       01:507             5.22      .130 No_date    2:06   15.88
02003>       [CN= 49.0: N= 3.00]
02004>       [Tp=  .54:DT= 1.00]
02005>  007:0034---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02006>      ADD HYD            01:507             5.22      .130 No_date    2:06   15.88
02007>                     +  04:RC3            140.11     2.987 No_date    3:26   30.57
02008>       [DT= 1.00]  SUM=  02:507+RC        145.33     3.038 No_date    3:23   30.05
02009>  007:0035---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02010>      CALIB NASHYD       01:508            26.52      .545 No_date    2:38   18.61
02011>       [CN= 54.9: N= 3.00]
02012>       [Tp=  .93:DT= 1.00]
02013>  007:0036---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02014>      ADD HYD            01:508            26.52      .545 No_date    2:38   18.61
02015>                     +  02:507+RC        145.33     3.038 No_date    3:23   30.05
02016>       [DT= 1.00]  SUM=  09:1000          171.85     3.495 No_date    3:12   28.28
02017> #              FLOWS FROM MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
02018>  007:0037---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02019>      CALIB NASHYD       01:103             8.70      .302 No_date    2:01   20.43
02020>       [CN= 59.2: N= 3.00]
02021>       [Tp=  .46:DT= 1.00]
02022>  007:0038---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02023>      ADD HYD            01:103             8.70      .302 No_date    2:01   20.43
02024>                     +  03:To1023          12.95      .119 No_date    2:21   32.99
02025>       [DT= 1.00]  SUM=  02:1023            21.65      .411 No_date    2:05   27.94
02026>  007:0039---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02027>      CALIB NASHYD       01:205             1.41      .062 No_date    1:37   16.02
02028>       [CN= 51.1: N= 3.00]
02029>       [Tp=  .20:DT= 1.00]
02030>  007:0040---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02031>      ADD HYD            01:205             1.41      .062 No_date    1:37   16.02
02032>                     +  02:1023           21.65      .411 No_date    2:05   27.94
02033>       [DT= 1.00]  SUM=  03:802            23.06      .443 No_date    2:02   27.21
02034>  007:0041---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02035>      CALIB STANDHYD     01:201             18.41     3.985 No_date    1:21   44.32
02036>       [XIMP=.43:TIMP=.56]
02037>       [LOSS= 2 :CN= 49.0]
02038>       [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=   20.:MNP=.250:SCP=   .0]
02039>       [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
02040>  007:0042---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02041>      ADD HYD            01:201             18.41     3.985 No_date    1:21   44.32
02042>                     +  03:802            23.06      .443 No_date    2:02   27.21
02043>       [DT= 1.00]  SUM=  02:803            41.47     4.023 No_date    1:21   34.81
02044>  007:0043---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02045>      CALIB NASHYD       01:202             1.10      .040 No_date    1:43   15.54
02046>       [CN= 55.0: N= 3.00]
02047>       [Tp=  .25:DT= 1.00]
02048>  007:0044---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02049>      ADD HYD            01:202             1.10      .040 No_date    1:43   15.54
02050>                     +  02:803            41.47     4.023 No_date    1:21   34.81
02051>       [DT= 1.00]  SUM=  03:804            42.57     4.028 No_date    1:21   34.31
02052>  007:0045---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02053>      CALIB NASHYD       01:1021            4.66      .109 No_date    2:26   18.79
02054>       [CN= 55.3: N= 3.00]
02055>       [Tp=  .78:DT= 1.00]
02056>  007:0046---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02057>      COMPUTE DUALHYD    01:1021            4.66      .109 No_date    2:26   18.79
02058>         Major System /  04:To1000          1.63      .063 No_date    2:26   18.79
02059>         Minor System \  02:To810           3.03      .046 No_date    1:42   18.79
02060>  007:0047---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02061>      ADD HYD            02:To810           3.03      .046 No_date    1:42   18.79
02062>                     +  03:804            42.57     4.028 No_date    1:21   34.31
02063>       [DT= 1.00]  SUM=  05:810            45.59     4.031 No_date    1:21   33.28
02064> #                      MAIR MILLS VILLAGE SWM FACILITY
02065>  007:0048---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02066>      ROUTE RESERVOIR -> 05:810            45.59     4.031 No_date    1:21   33.28
02067>       [RDT= 1.00] out<- 02:1026           45.59      .601 No_date    2:53   33.28
02068>            overflow <= 03:1026OVF          .00       .000 No_date    0:00     .00
02069>       (MxStoUsed=.7219E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
02070>  007:0049---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02071>      ADD HYD            02:1026            45.59      .601 No_date    2:53   33.28
02072>                     +  03:1026OVF          .00       .000 No_date    0:00     .00
02073>       [DT= 1.00]  SUM=  05:Pond1026ou      45.59      .601 No_date    2:53   33.28
02074> #              TENTH LINE DITCH FLOW SPLIT (OUTLET A AND OUTLET B)
02075>  007:0050---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02076>      DIVERT HYD      -> 05:Pond1026ou     45.59      .601 No_date    2:53   33.28
02077>           diverted <= 02:To807            20.30      .040 No_date    2:53   33.28
02078>           diverted <= 07:To809            25.30      .560 No_date    2:53   33.28
02079>           diverted <= 03:To1025             .00      .001 No_date    2:53   33.28
02080> #                          FLOWS TO NODE 2 (UPSTREAM OF TENTH LINE)
02081>  007:0051---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02082>      ADD HYD            09:1000          171.85     3.495 No_date    3:12   28.28
02083>                     +  04:To1000           1.63      .063 No_date    2:26   18.79
02084>       [DT= 1.00]  SUM=  05:Node 2         173.48     3.530 No_date    3:10   28.19
02085>  007:0052---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02086>      CALIB NASHYD       01:207             1.22      .079 No_date    1:30   18.79
02087>       [CN= 55.3: N= 3.00]
02088>       [Tp=  .13:DT= 1.00]
02089> #                                FLOWS TO OUTLET B
02090>  007:0053---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02091>      ADD HYD            01:207             1.22      .079 No_date    1:30   18.79
02092>                     +  02:To807           20.30      .040 No_date    2:53   33.28
02093>       [DT= 1.00]  SUM=  06:807            21.52      .119 No_date    1:30   32.46
02094>  007:0054---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02095>      ADD HYD            06:807            21.52      .119 No_date    1:30   32.46
02096>                     +  10:To806           12.27      .020 No_date    2:21   32.99
02097>       [DT= 1.00]  SUM=  01:806            33.78      .139 No_date    1:30   32.65
02098> #                          FLOWS FROM TENTH LINE
02099>  007:0055---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02100>      CALIB STANDHYD     08:601              .22      .043 No_date    1:21   37.00
02101>       [XIMP=.35:TIMP=.35]
02102>       [LOSS= 2 :CN= 49.0]
02103>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
02104>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.035:SCI=   .0]
02105>  007:0056---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02106>      CALIB STANDHYD     09:602             1.15      .154 No_date    1:27   37.00
02107>       [XIMP=.35:TIMP=.35]
02108>       [LOSS= 2 :CN= 49.0]
02109>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
02110>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.035:SCI=   .0]
02111> #                FLOWS TO NODE 3/ OUTLET A (DOWNSTREAM OF TENTH LINE)
02112>  007:0057---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02113>      ADD HYD            05:Node 2        173.48     3.530 No_date    3:10   28.19
02114>                     +  03:To1025            .00      .001 No_date    2:53   33.28
02115>                     +  07:To809           25.30      .560 No_date    2:53   33.28
02116>                     +  08:601               .22      .043 No_date    1:21   37.00
02117>                     +  09:602              1.15      .154 No_date    1:27   37.00
02118>       [DT= 1.00]  SUM=  02:809/Node3     200.15     4.099 No_date    3:07   28.90
02119> #                FLOWS TO NODE 4  (SUM OF OUTLETS A&B)
02120>  007:0058---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02121>      ADD HYD            02:809/Node3     200.15     4.099 No_date    3:07   28.90
02122>                     +  01:806           33.78      .139 No_date    1:30   32.65
02123>       [DT= 1.00]  SUM=  04:Node4         233.93     4.169 No_date    3:07   29.44
02124>  ** END OF RUN :   7
02125>
02126> ************************************************************************
02127>
02128>
02129>
02130>
02131>
02132>  RUN:COMMAND#
02133>  008:0001----------------------------------------------------------------
02134>       START
02135>       [TZERO =    .00 hrs on        0]
02136>       [METOUT=   2    (1=imperial, 2=metric output)]
02137>       [NSTORM=   1 ]
02138>       [NRUN  =   0 ]
02139> #*********************************************************************
02140> #  Project Name: [Linksview PreDev]  Project Number: [183-2687]
02141> #  Date        : 2014 08 28
02142> #  Modified    :
02143> #  Modeller    : [A. French]
02144> #  Company     : C.F. Crozier & Associates Inc.
02145> #  License #   : 3737016
02146> #*********************************************************************
02147> #*********************************************************************
02148>  008:0002----------------------------------------------------------------
02149>       READ STORM
02150>        Filename = STORM.001
02151>        Comment  =
02152>       [SDT= 1.00:SDUR=  24.00:PTOT=  45.60]
02153> #         FLOW FROM MAIR MILLS ESTATES AND CONTRIBUTING AREAS
02154>  008:0003---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02155>      CALIB NASHYD       01:300             4.55      .050 No_date   12:55   11.42
02156>       [CN= 71.0: N= 3.00]
02157>       [Tp=  .74:DT= 5.00]
02158>  008:0004---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02159>      ROUTE CHANNEL   -> 01:300             4.55      .050 No_date   12:55   11.42
02160>       [RDT= 1.00] out<- 02:701             4.55      .031 No_date   13:25   11.42
```

2yr SCS

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02161>       [L/S/n=  450./ .050/.040]
02162>       |Vmax=  .147:Dmax=  .129]
02163>  008:0005---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02164>       CALIB NASHYD      01:301          5.97     .074 No_date   12:47   11.42
02165>         [CN= 71.0: N= 3.00]
02166>         [Tp=  .63:DT= 1.00]
02167>  008:0006---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02168>       ADD HYD           01:301          5.97     .074 No_date   12:47   11.42
02169>                       + 02:701          4.55     .031 No_date   13:25   11.42
02170>         [DT= 1.00]  SUM=  03:901         10.52     .097 No_date   12:56   11.42
02171>  008:0007---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02172>       ROUTE CHANNEL   -> 03:901         10.52     .097 No_date   12:56   11.42
02173>         [RDT= 1.00] out<- 01:702         10.52     .069 No_date   13:20   11.42
02174>         [L/S/n=  300./ .050/.060]
02175>         [Vmax=  .117:Dmax=  .267]
02176>  008:0008---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02177>       ROUTE RESERVOIR -> 01:702         10.52     .069 No_date   13:20   11.42
02178>         [RDT= 1.00] out<- 02:501         10.52     .067 No_date   13:34   11.42
02179>                overflow <= 03:501OVF      .00     .000 No_date    0:00     .00
02180>       [MxStoUsed=.4120E-02, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
02181>  008:0009---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02182>       CALIB STANDHYD    01:302         16.39     .446 No_date   12:22   18.58
02183>         [XIMP=.20:TIMP=.40]
02184>         [LOSS= 2 :CN= 65.2]
02185>         [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02186>         [Impervious   area: IAimp= 1.50:SLPI=  .50:LGI= 700.:MNI=.013:SCI=   .0]
02187>  008:0010---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02188>       ADD HYD           01:302         16.39     .446 No_date   12:22   18.58
02189>                       + 02:501         10.52     .067 No_date   13:34   11.42
02190>                       + 03:501OVF       .00     .000 No_date    0:00     .00
02191>         [DT= 1.00]  SUM=  04:902         26.91     .452 No_date   12:22   15.78
02192>  008:0011---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02193>       CALIB STANDHYD    01:303          2.34     .093 No_date   12:16   21.13
02194>         [XIMP=.25:TIMP=.50]
02195>         [LOSS= 2 :CN= 65.2]
02196>         [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02197>         [Impervious   area: IAimp= 1.50:SLPI=  .50:LGI= 300.:MNI=.013:SCI=   .0]
02198>  008:0012---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02199>       ADD HYD           01:303          2.34     .093 No_date   12:16   21.13
02200>                       + 04:902         26.91     .452 No_date   12:22   15.78
02201>         [DT= 1.00]  SUM=  02:903         29.25     .532 No_date   12:21   16.21
02202>  008:0013---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02203>       CALIB NASHYD      01:304          2.90     .053 No_date   12:24    9.81
02204>         [CN= 66.6: N= 3.00]
02205>         [Tp=  .28:DT= 1.00]
02206>  008:0014---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02207>       ADD HYD           01:304          2.90     .053 No_date   12:24    9.81
02208>                       + 02:903         29.25     .532 No_date   12:21   16.21
02209>         [DT= 1.00]  SUM=  03:904         32.15     .584 No_date   12:21   15.63
02210>  008:0015---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02211>       CALIB STANDHYD    01:305           .31     .009 No_date   12:12   16.31
02212>         [XIMP=.20:TIMP=.20]
02213>         [LOSS= 2 :CN= 65.2]
02214>         [Pervious     area: IAper= 5.00:SLPP=  .50:LGP= 100.:MNP=.250:SCP=   .0]
02215>         [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
02216>  008:0016---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02217>       ADD HYD           01:305           .31     .009 No_date   12:12   16.31
02218>                       + 03:904         32.15     .584 No_date   12:21   15.63
02219>         [DT= 1.00]  SUM=  02:905         32.46     .586 No_date   12:21   15.64
02220> #                      MAIR MILLS ESTATES SWM FACILITY
02221>  008:0017---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02222>       ROUTE RESERVOIR -> 02:905         32.46     .586 No_date   12:21   15.64
02223>         [RDT= 1.00] out<- 03:502         32.46     .060 No_date   17:13   15.64
02224>                overflow <= 04:502OVF      .00     .000 No_date    0:00     .00
02225>       [MxStoUsed=.3135E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
02226>  008:0018---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02227>       CALIB NASHYD      01:400          5.70     .023 No_date   12:56    4.41
02228>         [CN= 50.2: N= 3.00]
02229>         [Tp=  .70:DT= 1.00]
02230>  008:0019---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02231>       ADD HYD           01:400          5.70     .023 No_date   12:56    4.41
02232>                       + 03:502         32.46     .060 No_date   17:13   15.64
02233>                       + 04:502OVF       .00     .000 No_date    0:00     .00
02234>         [DT= 1.00]  SUM=  02:906         38.16     .063 No_date   17:08   13.96
02235> #       FLOW SPLIT: CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS
02236>  008:0020---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02237>       DIVERT HYD      -> 02:906         38.16     .063 No_date   17:08   13.96
02238>              diverted <= 10:To806       26.40     .020 No_date   17:08   13.96
02239>              diverted <= 03:To1023       5.88     .022 No_date   17:08   13.96
02240>              diverted <= 01:To1022       5.88     .022 No_date   17:08   13.96
02241> #       FLOWS FROM TAYLOR"S CREEK UPSTREAM CATCHMENT AREAS
02242> #                          FLOWS TO NODE 1
02243>  008:0021---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02244>       CALIB NASHYD      01:501         85.82     .593 No_date   14:09   13.58
02245>         [CN= 78.8: N= 3.00]
02246>         [Tp= 1.72:DT= 1.00]
02247>  008:0022---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02248>       ROUTE CHANNEL   -> 01:501         85.82     .593 No_date   14:09   13.58
02249>         [RDT= 1.00] out<- 02:RC1         85.82     .592 No_date   14:19   13.58
02250>         [L/S/n=  350./1.500/.030]
02251>         [Vmax= 1.169:Dmax=  .733]
02252>  008:0023---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02253>       CALIB NASHYD      01:504          7.05     .041 No_date   12:44    5.19
02254>         [CN= 51.8: N= 3.00]
02255>         [Tp=  .55:DT= 1.00]
02256>  008:0024---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02257>       ADD HYD           01:504          7.05     .041 No_date   12:44    5.19
02258>                       + 02:RC1         85.82     .592 No_date   14:19   13.58
02259>         [DT= 1.00]  SUM=  04:501+504     92.87     .603 No_date   14:18   12.94
02260>  008:0025---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02261>       ROUTE CHANNEL   -> 04:501+504     92.87     .603 No_date   14:18   12.94
02262>         [RDT= 1.00] out<- 02:RC2         92.87     .601 No_date   14:24   12.94
02263>         [L/S/n=  425./1.250/.030]
02264>         [Vmax= 1.182:Dmax=  .611]
02265>  008:0026---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02266>       CALIB NASHYD      01:503          9.94     .075 No_date   12:57    8.09
02267>         [CN= 63.3: N= 3.00]
02268>         [Tp=  .74:DT= 1.00]
02269>  008:0027---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02270>       CALIB NASHYD      04:502         10.41     .082 No_date   12:46    7.26
02271>         [CN= 61.2: N= 3.00]
02272>         [Tp=  .59:DT= 1.00]
02273>  008:0028---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02274>       CALIB NASHYD      05:505         24.08     .182 No_date   13:01    8.57
02275>         [CN= 64.6: N= 3.00]
02276>         [Tp=  .80:DT= 1.00]
02277>  008:0029---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02278>       ADD HYD           01:503          9.94     .075 No_date   12:57    8.09
02279>                       + 02:RC2         92.87     .601 No_date   14:24   12.94
02280>                       + 04:502         10.41     .082 No_date   12:46    7.26
02281>                       + 05:505         24.08     .182 No_date   13:01    8.57
02282>         [DT= 1.00]  SUM=  06:502+503+50  137.30     .772 No_date   13:29   11.40
02283>  008:0030---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02284>       CALIB NASHYD      01:506          2.81     .021 No_date   12:35    5.52
02285>         [CN= 49.9: N= 3.00]
02286>         [Tp=  .44:DT= 1.00]
02287>  008:0031---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02288>       ADD HYD           01:506          2.81     .021 No_date   12:35    5.52
02289>                       + 06:502+503+50  137.30     .772 No_date   13:29   11.40
02290>         [DT= 1.00]  SUM=  02:RC+506      140.11     .780 No_date   13:28   11.28
02291>  008:0032---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02292>       ROUTE CHANNEL   -> 02:RC+506      140.11     .780 No_date   13:28   11.28
02293>         [RDT= 1.00] out<- 04:RC3         140.11     .778 No_date   13:32   11.28
02294>         [L/S/n=  200./1.000/.030]
02295>         [Vmax=  .952:Dmax=  .660]
02296>  008:0033---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02297>       CALIB NASHYD      01:507          5.22     .033 No_date   12:42    5.40
02298>         [CN= 49.0: N= 3.00]
02299>         [Tp=  .54:DT= 1.00]
02300>  008:0034---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02301>       ADD HYD           01:507          5.22     .033 No_date   12:42    5.40
02302>                       + 04:RC3        140.11     .778 No_date   13:32   11.28
02303>         [DT= 1.00]  SUM=  02:507+RC      145.33     .795 No_date   13:30   11.07
02304>  008:0035---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02305>       CALIB NASHYD      01:508         26.52     .131 No_date   13:10    6.35
02306>         [CN= 54.9: N= 3.00]
02307>         [Tp=  .93:DT= 1.00]
02308>  008:0036---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02309>       ADD HYD           01:508         26.52     .131 No_date   13:10    6.35
02310>                       + 02:507+RC      145.33     .795 No_date   13:30   11.07
02311>         [DT= 1.00]  SUM=  09:1000        171.85     .919 No_date   13:27   10.34
02312> #              FLOWS FROM MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
02313>  008:0037---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02314>       CALIB NASHYD      01:103          8.70     .075 No_date   12:38    6.87
02315>         [CN= 59.2: N= 3.00]
02316>         [Tp=  .48:DT= 1.00]
02317>  008:0038---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02318>       ADD HYD           01:103          8.70     .075 No_date   12:38    6.87
02319>                       + 03:To1023        5.88     .022 No_date   17:08   13.96
02320>         [DT= 1.00]  SUM=  02:1023        14.58     .082 No_date   12:40    9.73
02321>  008:0039---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02322>       CALIB NASHYD      01:205          1.41     .016 No_date   12:19    5.21
02323>         [CN= 51.1: N= 3.00]
02324>         [Tp=  .20:DT= 1.00]
02325>  008:0040---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02326>       ADD HYD           01:205          1.41     .016 No_date   12:19    5.21
02327>                       + 02:1023        14.58     .082 No_date   12:40    9.73
02328>         [DT= 1.00]  SUM=  03:802         15.99     .090 No_date   12:37    9.33
02329>  008:0041---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02330>       CALIB STANDHYD    01:201          10.41     1.132 No_date   12:12   23.08
02331>         [XIMP=.43:TIMP=.56]
02332>         [LOSS= 2 :CN= 49.0]
02333>         [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
02334>         [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
02335>  008:0042---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02336>       ADD HYD           01:201          10.41     1.132 No_date   12:12   23.08
02337>                       + 03:802         15.99     .090 No_date   12:37    9.33
02338>         [DT= 1.00]  SUM=  02:803         34.40     1.174 No_date   12:13   16.69
02339>  008:0043---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02340>       CALIB NASHYD      01:202          1.10     .008 No_date   12:24    4.39
02341>         [CN= 55.0: N= 3.00]
02342>         [Tp=  .25:DT= 1.00]
02343>  008:0044---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02344>       ADD HYD           01:202          1.10     .008 No_date   12:24    4.39
02345>                       + 02:803         34.40     1.174 No_date   12:13   16.69
02346>         [DT= 1.00]  SUM=  03:804         35.50     1.179 No_date   12:13   16.31
02347>  008:0045---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02348>       CALIB NASHYD      01:1021         4.66     .026 No_date   12:59    6.40
02349>         [CN= 55.3: N= 3.00]
02350>         [Tp=  .78:DT= 1.00]
02351>  008:0046---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02352>       COMPUTE DUALHYD    01:1021         4.66     .026 No_date   12:59    6.40
02353>          Major System /  04:To1000        .00     .000 No_date    0:00     .00
02354>          Minor System \  02:To810         4.66     .026 No_date   12:59    6.40
02355>  008:0047---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02356>       ADD HYD           02:To810         4.66     .026 No_date   12:59    6.40
02357>                       + 03:804         35.50     1.179 No_date   12:13   16.31
02358>         [DT= 1.00]  SUM=  05:810         40.16     1.186 No_date   12:13   15.16
02359> #                      MAIR MILLS VILLAGE SWM FACILITY
02360>  008:0048---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02361>       ROUTE RESERVOIR -> 05:810         40.16     1.186 No_date   12:13   15.16
02362>         [RDT= 1.00] out<- 02:1026        40.16     .044 No_date   21:16   15.16
02363>                overflow <= 03:1026OVF     .08     .000 No_date    0:00     .00
02364>       [MxStoUsed=.4109E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
02365>  008:0049---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02366>       ADD HYD           02:1026         40.16     .044 No_date   21:16   15.16
02367>                       + 03:1026OVF       .00     .000 No_date    0:00     .00
02368>         [DT= 1.00]  SUM=  05:Pond1026ou  40.16     .044 No_date   21:16   15.16
02369> #          TENTH LINE DITCH FLOW SPLIT (OUTLET A AND OUTLET B)
02370>  008:0050---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02371>       DIVERT HYD      -> 05:Pond1026ou  40.16     .044 No_date   21:16   15.16
02372>              diverted <= 02:To807       39.33     .040 No_date   21:16   15.16
02373>              diverted <= 07:To809         .83     .004 No_date   21:16   15.16
02374>              diverted <= 03:To1025        .00     .000 No_date    0:00     .00
02375> #                        FLOWS TO NODE 2 (UPSTREAM OF TENTH LINE)
02376>  008:0051---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02377>       ADD HYD           09:1000        171.85     .919 No_date   13:27   10.34
02378>                       + 04:To1000        .00     .000 No_date    0:00     .00
02379>         [DT= 1.00]  SUM=  05:Node 2      171.85     .919 No_date   13:27   10.34
02380>  008:0052---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02381>       CALIB NASHYD      01:207          1.22     .022 No_date   12:15    6.40
02382>         [CN= 55.3: N= 3.00]
02383>         [Tp=  .13:DT= 1.00]
02384> #                              FLOWS TO OUTLET B
02385>  008:0053---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02386>       ADD HYD           01:207          1.22     .022 No_date   12:15    6.40
02387>                       + 02:To807        39.33     .040 No_date   21:16   15.16
02388>         [DT= 1.00]  SUM=  06:807         40.55     .045 No_date   12:17   14.90
02389>  008:0054---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02390>       ADD HYD           06:807         40.55     .045 No_date   12:17   14.90
02391>                       + 10:To806        26.40     .020 No_date   17:08   13.96
02392>         [DT= 1.00]  SUM=  01:806         66.95     .063 No_date   12:21   14.53
02393> #                      FLOWS FROM TENTH LINE
02394>  008:0055---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02395>       CALIB STANDHYD    08:601           .22     .012 No_date   12:13   18.77
02396>         [XIMP=.35:TIMP=.35]
02397>         [LOSS= 2 :CN= 49.0]
02398>         [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
02399>         [Impervious   area: IAimp= 2.00:SLPI=  .50:LGI=  48.:MNI=.035:SCI=   .0]
02400>  008:0056---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02401>       CALIB STANDHYD    09:602          1.15     .044 No_date   12:19   18.77
02402>         [XIMP=.35:TIMP=.35]
02403>         [LOSS= 2 :CN= 49.0]
02404>         [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
02405>         [Impervious   area: IAimp= 2.00:SLPI=  .50:LGI= 250.:MNI=.035:SCI=   .0]
02406> #                    FLOWS TO NODE 3/ OUTLET A (DOWNSTREAM OF TENTH LINE)
02407>  008:0057---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02408>       ADD HYD           05:Node 2      171.85     .919 No_date   13:27   10.34
02409>                       + 03:To1025        .00     .000 No_date    0:00     .00
02410>                       + 07:To809         .83     .004 No_date   21:16   15.16
02411>                       + 08:601           .22     .012 No_date   12:13   18.77
02412>                       + 09:602          1.15     .044 No_date   12:19   18.77
02413>         [DT= 1.00]  SUM=  02:809/Node3   174.05     .925 No_date   13:26   10.43
02414> #                    FLOWS TO NODE 4  (SUM OF OUTLETS A&B)
02415>  008:0058---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02416>       ADD HYD           02:809/Node3   174.05     .925 No_date   13:26   10.43
02417>                       + 01:806         66.95     .063 No_date   12:21   14.53
02418>         [DT= 1.00]  SUM=  04:Node4      241.00     .983 No_date   13:27   11.57
02419>  ** END OF RUN :   8
02420>
02421> ************************************************************************
02422>
02423>
02424>
02425>
02426>
02427>  RUN:COMMAND#
02428>  009:0001-----------------------------------------------------------------------
02429>       START
02430>         [TZERO =     .00 hrs on        0]
```

```
02431>       [METOUT=   2    (1=imperial, 2=metric output)]
02432>       [NSTORM=   1 ]
02433>       [NRUN  =   9 ]
02434> #*******************************************************************************
02435> #  Project Name: [Linksview PreDev]  Project Number: [183-2687]
02436> #  Date        : 2014 08 28
02437> #  Modified    :
02438> #  Modeller    : [A. French]
02439> #  Company     : C.F. Crozier & Associates Inc.
02440> #  License #   : 3737016
02441> #*******************************************************************************
02442> #*******************************************************************************
02443> 009:0002----------------------------------------------------------------------
02444>       READ STORM
02445>        Filename = STORM.001
02446>        Comment  =
02447>       [SDT= 1.00:SDUR=  24.00:PTOT=  62.40]
02448> #         FLOW FROM MAIR MILLS ESTATES AND CONTRIBUTING AREAS
02449>  009:0003----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02450>       CALIB NASHYD       01:300          4.55     .091 No_date   12:50    20.45
02451>         [CN= 71.0: N= 3.00]
02452>         [Tp=  .74:DT= 5.00]
02453>  009:0004----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02454>       ROUTE CHANNEL   -> 01:300          4.55     .091 No_date   12:50    20.45
02455>         [RDT= 1.00] out<- 02:701          4.55     .066 No_date   13:20    20.45
02456>         [L/S/n=  450./ .050/.040]
02457>         [Vmax=  .183:Dmax=  .174]
02458>  009:0005----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02459>       CALIB NASHYD       01:301          5.97     .135 No_date   12:47    20.45
02460>         [CN= 71.0: N= 3.00]
02461>         [Tp=  .63:DT= 1.00]
02462>  009:0006----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02463>       ADD HYD            01:301          5.97     .135 No_date   12:47    20.45
02464>                        + 02:701          4.55     .066 No_date   13:20    20.45
02465>         [DT= 1.00]  SUM=  03:901         10.52     .188 No_date   12:55    20.45
02466>  009:0007----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02467>       ROUTE CHANNEL   -> 03:901         10.52     .188 No_date   12:55    20.45
02468>         [RDT= 1.00] out<- 01:702         10.52     .150 No_date   13:12    20.45
02469>         [L/S/n=  300./ .050/.060]
02470>         [Vmax=  .160:Dmax=  .347]
02471>  009:0008----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02472>       ROUTE RESERVOIR -> 01:702         10.52     .150 No_date   13:12    20.45
02473>         [RDT= 1.00] out<- 02:501         10.52     .143 No_date   13:28    20.45
02474>                overflow <= 03:501OVF        .00     .000 No_date    0:00     .00
02475>        [MxStoUsed=.9899E-02, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
02476>  009:0009----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02477>       CALIB STANDHYD     01:302          16.39     .787 No_date   12:21    29.34
02478>         [XIMP=.20:TIMP=.40]
02479>         [LOSS= 2 :CN= 65.2]
02480>         [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02481>         [Impervious   area: IAimp= 1.50:SLPI=  .50:LGI= 700.:MNI=.013:SCI=   .0]
02482>  009:0010----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02483>       ADD HYD            01:302          16.39     .787 No_date   12:21    29.34
02484>                        + 02:501          10.52     .143 No_date   13:28    20.45
02485>                        + 03:501OVF         .00     .000 No_date    0:00     .00
02486>         [DT= 1.00]  SUM=  04:902         26.91     .808 No_date   12:21    25.87
02487>  009:0011----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02488>       CALIB STANDHYD     01:303           2.34     .158 No_date   12:15    32.73
02489>         [XIMP=.25:TIMP=.50]
02490>         [LOSS= 2 :CN= 65.2]
02491>         [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02492>         [Impervious   area: IAimp= 1.50:SLPI=  .50:LGI= 300.:MNI=.013:SCI=   .0]
02493>  009:0012----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02494>       ADD HYD            01:303           2.34     .158 No_date   12:15    32.73
02495>                        + 04:902          26.91     .808 No_date   12:21    25.87
02496>         [DT= 1.00]  SUM=  02:903         29.25     .947 No_date   12:20    26.41
02497>  009:0013----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02498>       CALIB NASHYD       01:304           2.90     .099 No_date   12:23    17.83
02499>         [CN= 66.6: N= 3.00]
02500>         [Tp=  .28:DT= 1.00]
02501>  009:0014----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02502>       ADD HYD            01:304           2.90     .099 No_date   12:23    17.83
02503>                        + 02:903          29.25     .947 No_date   12:20    26.41
02504>         [DT= 1.00]  SUM=  03:904         32.15    1.042 No_date   12:20    25.64
02505>  009:0015----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02506>       CALIB STANDHYD     01:305            .31     .013 No_date   12:12    25.84
02507>         [XIMP=.20:TIMP=.20]
02508>         [LOSS= 2 :CN= 65.2]
02509>         [Pervious     area: IAper= 5.00:SLPP=  .50:LGP= 100.:MNP=.250:SCP=   .0]
02510>         [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
02511>  009:0016----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02512>       ADD HYD            01:305            .31     .013 No_date   12:12    25.84
02513>                        + 03:904          32.15    1.042 No_date   12:20    25.64
02514>         [DT= 1.00]  SUM=  02:905         32.46    1.046 No_date   12:20    25.64
02515> #                    MAIR MILLS ESTATES SWM FACILITY
02516>  009:0017----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02517>       ROUTE RESERVOIR -> 02:905         32.46    1.046 No_date   12:20    25.64
02518>         [RDT= 1.00] out<- 03:502         32.46     .134 No_date   15:25    25.64
02519>                overflow <= 04:502OVF        .00     .000 No_date    0:00     .00
02520>        [MxStoUsed=.4662E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
02521>  009:0018----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02522>       CALIB NASHYD       01:400           5.70     .049 No_date   12:54     9.02
02523>         [CN= 50.2: N= 3.00]
02524>         [Tp=  .70:DT= 1.00]
02525>  009:0019----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02526>       ADD HYD            01:400           5.70     .049 No_date   12:54     9.02
02527>                        + 03:502          32.46     .134 No_date   15:25    25.64
02528>                        + 04:502OVF         .00     .000 No_date    0:00     .00
02529>         [DT= 1.00]  SUM=  02:906         38.16     .150 No_date   14:32    23.16
02530> #       FLOW SPLIT: CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS
02531>  009:0020----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02532>       DIVERT HYD      -> 02:906          38.16     .150 No_date   14:32    23.16
02533>                diverted <= 10:To806      17.06     .020 No_date   14:32    23.16
02534>                diverted <= 03:To1023     10.55     .065 No_date   14:32    23.16
02535>                diverted <= 01:To1022     10.55     .065 No_date   14:32    23.16
02536> #         FLOWS FROM TAYLOR"S CREEK UPSTREAM CATCHMENT AREAS
02537> #                          FLOWS TO NODE 1
02538>  009:0021----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02539>       CALIB NASHYD       01:501          85.82    1.103 No_date   14:05    24.39
02540>         [CN= 78.8: N= 3.00]
02541>         [Tp= 1.72:DT= 1.00]
02542>  009:0022----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02543>       ROUTE CHANNEL   -> 01:501          85.82    1.103 No_date   14:05    24.39
02544>         [RDT= 1.00] out<- 02:RC1          85.82    1.091 No_date   14:24    24.39
02545>         [L/S/n=  350./1.500/.030]
02546>         [Vmax=  .633:Dmax=  .845]
02547>  009:0023----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02548>       CALIB NASHYD       01:504           7.05     .083 No_date   12:42    10.21
02549>         [CN= 51.8: N= 3.00]
02550>         [Tp=  .55:DT= 1.00]
02551>  009:0024----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02552>       ADD HYD            01:504           7.05     .083 No_date   12:42    10.21
02553>                        + 02:RC1          85.82    1.091 No_date   14:24    24.39
02554>         [DT= 1.00]  SUM=  04:501+504     92.87    1.111 No_date   14:23    23.31
02555>  009:0025----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02556>       ROUTE CHANNEL   -> 04:501+504      92.87    1.111 No_date   14:23    23.31
02557>         [RDT= 1.00] out<- 02:RC2          92.87    1.109 No_date   14:28    23.31
02558>         [L/S/n=  425./1.250/.030]
02559>         [Vmax= 1.119:Dmax=  .717]
02560>  009:0026----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02561>       CALIB NASHYD       01:503           9.94     .145 No_date   12:55    15.24
02562>         [CN= 63.3: N= 3.00]
02563>         [Tp=  .74:DT= 1.00]
02564>  009:0027----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02565>       CALIB NASHYD       04:502          10.41     .163 No_date   12:45    13.91
02566>         [CN= 61.2: N= 3.00]
02567>         [Tp=  .59:DT= 1.00]
02568>  009:0028----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02569>       CALIB NASHYD       05:505          24.08     .350 No_date   12:59    16.02
02570>         [CN= 64.6: N= 3.00]
02571>         [Tp=  .80:DT= 1.00]
02572>  009:0029----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02573>       ADD HYD            01:503           9.94     .145 No_date   12:55    15.24
02574>                        + 02:RC2          92.87    1.109 No_date   14:28    23.31
02575>                        + 04:502          10.41     .163 No_date   12:45    13.91
02576>                        + 05:505          24.08     .350 No_date   12:59    16.02
02577>         [DT= 1.00]  SUM=  06:502+503+50  137.30    1.401 No_date   13:44    20.74
02578>  009:0030----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02579>       CALIB NASHYD       01:506           2.81     .040 No_date   12:34    10.48
02580>         [CN= 49.9: N= 3.00]
02581>         [Tp=  .44:DT= 1.00]
02582>  009:0031----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02583>       ADD HYD            01:506           2.81     .040 No_date   12:34    10.48
02584>                        + 06:502+503+50  137.30    1.401 No_date   13:44    20.74
02585>         [DT= 1.00]  SUM=  02:RC+506      140.11    1.412 No_date   13:41    20.53
02586>  009:0032----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02587>       ROUTE CHANNEL   -> 02:RC+506      140.11    1.412 No_date   13:41    20.53
02588>         [RDT= 1.00] out<- 04:RC3          140.11    1.411 No_date   13:46    20.53
02589>         [L/S/n=  200./1.000/.030]
02590>         [Vmax=  .912:Dmax=  .764]
02591>  009:0033----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02592>       CALIB NASHYD       01:507           5.22     .063 No_date   12:41    10.24
02593>         [CN= 49.0: N= 3.00]
02594>         [Tp=  .54:DT= 1.00]
02595>  009:0034----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02596>       ADD HYD            01:507           5.22     .063 No_date   12:41    10.24
02597>                        + 04:RC3          140.11    1.411 No_date   13:46    20.53
02598>         [DT= 1.00]  SUM=  02:507+RC       145.33    1.436 No_date   13:38    20.16
02599>  009:0035----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02600>       CALIB NASHYD       01:508          26.52     .255 No_date   13:09    12.04
02601>         [CN= 54.9: N= 3.00]
02602>         [Tp=  .93:DT= 1.00]
02603>  009:0036----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02604>       ADD HYD            01:508          26.52     .255 No_date   13:09    12.04
02605>                        + 02:507+RC       145.33    1.436 No_date   13:38    20.16
02606>         [DT= 1.00]  SUM=  09:1000        171.85    1.670 No_date   13:26    18.91
02607> #         FLOWS FROM MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
02608>  009:0037----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02609>       CALIB NASHYD       01:103           8.70     .149 No_date   12:37    13.18
02610>         [CN= 59.2: N= 3.00]
02611>         [Tp=  .48:DT= 1.00]
02612>  009:0038----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02613>       ADD HYD            01:103           8.70     .149 No_date   12:37    13.18
02614>                        + 03:To1023       10.55     .065 No_date   14:32    23.16
02615>         [DT= 1.00]  SUM=  02:1023        19.25     .185 No_date   12:43    18.65
02616>  009:0039----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02617>       CALIB NASHYD       01:205           1.41     .033 No_date   12:19    10.18
02618>         [CN= 51.1: N= 3.00]
02619>         [Tp=  .20:DT= 1.00]
02620>  009:0040----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02621>       ADD HYD            01:205           1.41     .033 No_date   12:19    10.18
02622>                        + 02:1023         19.25     .185 No_date   12:43    18.65
02623>         [DT= 1.00]  SUM=  03:802         20.66     .198 No_date   12:40    18.07
02624>  009:0041----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02625>       CALIB STANDHYD     01:201          18.41    1.694 No_date   12:12    33.67
02626>         [XIMP=.43:TIMP=.56]
02627>         [LOSS= 2 :CN= 49.0]
02628>         [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
02629>         [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
02630>  009:0042----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02631>       ADD HYD            01:201          18.41    1.694 No_date   12:12    33.67
02632>                        + 03:802          20.66     .198 No_date   12:40    18.07
02633>         [DT= 1.00]  SUM=  02:803         39.07    1.784 No_date   12:12    25.42
02634>  009:0043----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02635>       CALIB NASHYD       01:202           1.10     .020 No_date   12:23     9.45
02636>         [CN= 55.0: N= 3.00]
02637>         [Tp=  .25:DT= 1.00]
02638>  009:0044----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02639>       ADD HYD            01:202           1.10     .020 No_date   12:23     9.45
02640>                        + 02:803          39.07    1.784 No_date   12:12    25.42
02641>         [DT= 1.00]  SUM=  03:804         40.17    1.797 No_date   12:12    24.98
02642>  009:0045----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02643>       CALIB NASHYD       01:1021          4.66     .051 No_date   12:58    12.15
02644>         [CN= 55.3: N= 3.00]
02645>         [Tp=  .78:DT= 1.00]
02646>  009:0046----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02647>       COMPUTE DUALHYD    01:1021          4.66     .051 No_date   12:58    12.15
02648>          Major System /  04:To1000         .07     .005 No_date   12:58    12.15
02649>          Minor System \  02:To810          4.59     .046 No_date   12:41    12.15
02650>  009:0047----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02651>       ADD HYD            01:To810         4.59     .046 No_date   12:41    12.15
02652>                        + 03:804          40.17    1.797 No_date   12:12    24.98
02653>         [DT= 1.00]  SUM=  05:810         44.76    1.810 No_date   12:12    23.67
02654> #                    MAIR MILLS VILLAGE SWM FACILITY
02655>  009:0048----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02656>       ROUTE RESERVOIR -> 05:810         44.76    1.810 No_date   12:12    23.67
02657>         [RDT= 1.00] out<- 02:1026        44.76     .213 No_date   14:16    23.67
02658>                overflow <= 03:1026OVF       .00     .000 No_date    0:00     .00
02659>        [MxStoUsed=.5111E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
02660>  009:0049----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02661>       ADD HYD            02:1026          44.76     .213 No_date   14:16    23.67
02662>                        + 03:1026OVF         .00     .000 No_date    0:00     .00
02663>         [DT= 1.00]  SUM=  05:Pond1026ou   44.76     .213 No_date   14:16    23.67
02664> #            TENTH LINE DITCH FLOW SPLIT (OUTLET A AND OUTLET B)
02665>  009:0050----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02666>       DIVERT HYD      -> 05:Pond1026ou   44.76     .213 No_date   14:16    23.67
02667>                diverted <= 02:To807      27.48     .040 No_date   14:16    23.67
02668>                diverted <= 07:To809      17.27     .173 No_date   14:16    23.67
02669>                diverted <= 03:To1025        .00     .000 No_date    0:00     .00
02670> #                          FLOWS TO NODE 2 (UPSTREAM OF TENTH LINE)
02671>  009:0051----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02672>       ADD HYD            09:1000        171.85    1.670 No_date   13:26    18.91
02673>                        + 04:To1000          .07     .005 No_date   12:58    12.15
02674>         [DT= 1.00]  SUM=  05:Node 2      171.92    1.670 No_date   13:26    18.91
02675>  009:0052----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02676>       CALIB NASHYD       01:207           1.22     .043 No_date   12:15    12.15
02677>         [CN= 55.3: N= 3.00]
02678>         [Tp=  .13:DT= 1.00]
02679> #                          FLOWS TO OUTLET B
02680>  009:0053----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02681>       ADD HYD            01:207           1.22     .043 No_date   12:15    12.15
02682>                        + 02:To807        27.48     .040 No_date   14:16    23.67
02683>         [DT= 1.00]  SUM=  06:807         28.70     .077 No_date   12:16    23.18
02684>  009:0054----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02685>       ADD HYD            06:807          28.70     .077 No_date   12:16    23.18
02686>                        + 10:To806        17.06     .020 No_date   14:32    23.16
02687>         [DT= 1.00]  SUM=  01:806         45.77     .097 No_date   12:16    23.17
02688> #                          FLOWS FROM TENTH LINE
02689>  009:0055----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02690>       CALIB STANDHYD     08:601            .22     .018 No_date   12:12    27.80
02691>         [XIMP=.35:TIMP=.35]
02692>         [LOSS= 2 :CN= 49.0]
02693>         [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
02694>         [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.035:SCI=   .0]
02695>  009:0056----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02696>       CALIB STANDHYD     09:602           1.15     .069 No_date   12:17    27.80
02697>         [XIMP=.35:TIMP=.35]
02698>         [LOSS= 2 :CN= 49.0]
02699>         [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
02700>         [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.035:SCI=   .0]
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5yr SCS

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02701> #                    FLOWS TO NODE 3/ OUTLET A (DOWNSTREAM OF TENTH LINE)
02702>  009:0057--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02703>       ADD HYD           05:Node 2        171.92    1.670 No_date   13:26   18.91
02704>                       + 03:To1025          .00     .000 No_date    0:00     .00
02705>                       + 07:To809         17.27     .173 No_date   14:16   23.67
02706>                       + 08:601             .22     .018 No_date   12:12   27.80
02707>                       + 09:602           1.15     .069 No_date   12:17   27.80
02708>       [DT= 1.00]  SUM=  02:809/Node3    190.57    1.832 No_date   13:32   19.40
02709> #                    FLOWS TO NODE 4  (SUM OF OUTLETS A&B)
02710>  009:0058--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02711>       ADD HYD           02:809/Node3     190.57    1.832 No_date   13:32   19.40
02712>                       + 01:806            45.77     .097 No_date   12:16   23.17
02713>       [DT= 1.00]  SUM=  04:Node4         236.33    1.895 No_date   13:32   20.13
02714>    ** END OF RUN :   9
02715>
02716> ************************************************************************************
02717>
02718>
02719>
02720>
02721>
02722>  RUN:COMMAND#
02723>  010:0001--------------------------------------------------------------------------
02724>       START
02725>        [TZERO =    .00 hrs on       0]
02726>        [METOUT=   2    (1=imperial, 2=metric output)]
02727>        [NSTORM=   1 ]
02728>        [NRUN  =  10 ]
02729> #*************************************************************************
02730> #  Project Name: [Linksview PreDev]  Project Number: [103-2687]
02731> #  Date        : 2014 08 28
02732> #  Modified    :
02733> #  Modeller    : [A. French]
02734> #  Company     : C.F. Crozier & Associates Inc.
02735> #  License #   : 3737016
02736> #*************************************************************************
02737> #*************************************************************************
02738>  010:0002--------------------------------------------------------------------------
02739>       READ STORM
02740>        Filename = STORM.001
02741>        Comment  =
02742>        [SDT= 1.00:SDUR=  24.00:PTOT=  72.00]
02743> #        FLOW FROM MAIR MILLS ESTATES AND CONTRIBUTING AREAS
02744>  010:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02745>       CALIB NASHYD       01:300            4.55     .118 No_date   12:50   26.29
02746>        [CN= 71.0: N= 3.00]
02747>        [Tp=  .74:DT= 5.00]
02748>  010:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02749>       ROUTE CHANNEL   -> 01:300            4.55     .118 No_date   12:50   26.29
02750>        [RDT= 1.00] out<- 02:701            4.55     .088 No_date   13:15   26.29
02751>        [L/S/n=  450./ .050/.040]
02752>        [Vmax=  .208:Dmax=  .202]
02753>  010:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02754>       CALIB NASHYD       01:301            5.97     .175 No_date   12:46   26.29
02755>        [CN= 71.0: N= 3.00]
02756>        [Tp=  .63:DT= 1.00]
02757>  010:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02758>       ADD HYD            01:301            5.97     .175 No_date   12:46   26.29
02759>                        + 02:701            4.55     .088 No_date   13:15   26.29
02760>       [DT= 1.00]  SUM=   03:901           10.52     .248 No_date   12:55   26.29
02761>  010:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02762>       ROUTE CHANNEL   -> 03:901           10.52     .248 No_date   12:55   26.29
02763>        [RDT= 1.00] out<- 01:702           10.52     .203 No_date   13:11   26.29
02764>        [L/S/n=  300./ .050/.060]
02765>        [Vmax=  .180:Dmax=  .386]
02766>  010:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02767>       ROUTE RESERVOIR -> 01:702           10.52     .203 No_date   13:11   26.29
02768>        [RDT= 1.00] out<- 02:501           10.52     .170 No_date   13:45   26.29
02769>                  overflow <= 03:501OVF      .00     .000 No_date    0:00     .00
02770>        [MxStoUsed=.1770E-01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
02771>  010:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02772>       CALIB STANDHYD     01:302            16.39    1.012 No_date   12:20   36.03
02773>        [XIMP=.20:TIMP=.40]
02774>        [LOSS= 2 :CN= 65.2]
02775>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
02776>        [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=    .0]
02777>  010:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02778>       ADD HYD            01:302            16.39    1.012 No_date   12:20   36.03
02779>                        + 02:501            10.52     .170 No_date   13:45   26.29
02780>                        + 03:501OVF           .00     .000 No_date    0:00     .00
02781>       [DT= 1.00]  SUM=   04:902           26.91    1.043 No_date   12:21   32.22
02782>  010:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02783>       CALIB STANDHYD     01:303             2.34     .199 No_date   12:16   39.86
02784>        [XIMP=.25:TIMP=.50]
02785>        [LOSS= 2 :CN= 65.2]
02786>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
02787>        [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=    .0]
02788>  010:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02789>       ADD HYD            01:303             2.34     .199 No_date   12:16   39.86
02790>                        + 04:902            26.91    1.043 No_date   12:21   32.22
02791>       [DT= 1.00]  SUM=   02:903           29.25    1.220 No_date   12:20   32.83
02792>  010:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02793>       CALIB NASHYD       01:304             2.90     .129 No_date   12:23   23.09
02794>        [CN= 66.6: N= 3.00]
02795>        [Tp=  .28:DT= 1.00]
02796>  010:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02797>       ADD HYD            01:304             2.90     .129 No_date   12:23   23.09
02798>                        + 02:903            29.25    1.220 No_date   12:20   32.83
02799>       [DT= 1.00]  SUM=   03:904           32.15    1.346 No_date   12:20   31.95
02800>  010:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02801>       CALIB STANDHYD     01:305              .31     .016 No_date   12:12   31.83
02802>        [XIMP=.20:TIMP=.20]
02803>        [LOSS= 2 :CN= 65.2]
02804>        [Pervious     area: IAper= 5.00:SLPP= .50:LGP= 100.:MNP=.250:SCP=    .0]
02805>        [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=    .0]
02806>  010:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02807>       ADD HYD            01:305              .31     .016 No_date   12:12   31.83
02808>                        + 03:904            32.15    1.346 No_date   12:20   31.95
02809>       [DT= 1.00]  SUM=   02:905           32.46    1.351 No_date   12:20   31.95
02810> #                    MAIR MILLS ESTATES SWM FACILITY
02811>  010:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02812>       ROUTE RESERVOIR -> 02:905           32.46    1.351 No_date   12:20   31.95
02813>        [RDT= 1.00] out<- 03:502           32.46     .150 No_date   15:38   31.95
02814>                  overflow <= 04:502OVF      .00     .000 No_date    0:00     .00
02815>        [MxStoUsed=.5887E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
02816>  010:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02817>       CALIB NASHYD       01:400             5.70     .068 No_date   12:53   12.24
02818>        [CN= 50.2: N= 3.00]
02819>        [Tp=  .70:DT= 1.00]
02820>  010:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02821>       ADD HYD            01:400             5.70     .068 No_date   12:53   12.24
02822>                        + 03:502            32.46     .150 No_date   15:38   31.95
02823>                        + 04:502OVF           .00     .000 No_date    0:00     .00
02824>       [DT= 1.00]  SUM=   02:906           38.16     .197 No_date   13:07   29.01
02825> #        FLOW SPLIT: CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS
02826>  010:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02827>       DIVERT HYD      -> 02:906           38.16     .197 No_date   13:07   29.01
02828>                 diverted <= 10:To806      14.16     .020 No_date   13:07   29.01
02829>                 diverted <= 03:To1023     12.00     .089 No_date   13:07   29.01
02830>                 diverted <= 01:To1022     12.00     .089 No_date   13:07   29.01
02831> #        FLOWS FROM TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
02832> #                    FLOWS TO NODE 1
02833>  010:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02834>       CALIB NASHYD       01:501            85.82    1.429 No_date   14:03   31.25
02835>        [CN= 78.8: N= 3.00]
02836>        [Tp= 1.72:DT= 1.00]
02837>  010:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02838>       ROUTE CHANNEL   -> 01:501            85.82    1.429 No_date   14:03   31.25
02839>        [RDT= 1.00] out<- 02:RC1            85.82    1.414 No_date   14:19   31.25
02840>        [L/S/n=  350./1.500/.030]
02841>        [Vmax=  .570:Dmax=  .881]
02842>  010:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02843>       CALIB NASHYD       01:504             7.05     .113 No_date   12:42   13.68
02844>        [CN= 51.8: N= 3.00]
02845>        [Tp=  .55:DT= 1.00]
02846>  010:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02847>       ADD HYD            01:504             7.05     .113 No_date   12:42   13.68
02848>                        + 02:RC1            85.82    1.414 No_date   14:19   31.25
02849>       [DT= 1.00]  SUM=   04:501+504       92.87    1.443 No_date   14:13   29.91
02850>  010:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02851>       ROUTE CHANNEL   -> 04:501+504       92.87    1.443 No_date   14:13   29.91
02852>        [RDT= 1.00] out<- 02:RC2            92.87    1.440 No_date   14:23   29.91
02853>        [L/S/n=  425./1.250/.030]
02854>        [Vmax= 1.115:Dmax=  .765]
02855>  010:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02856>       CALIB NASHYD       01:503             9.94     .193 No_date   12:55   20.01
02857>        [CN= 63.3: N= 3.00]
02858>        [Tp=  .74:DT= 1.00]
02859>  010:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02860>       CALIB NASHYD       04:502            10.41     .217 No_date   12:44   18.40
02861>        [CN= 61.2: N= 3.00]
02862>        [Tp=  .59:DT= 1.00]
02863>  010:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02864>       CALIB NASHYD       05:505            24.08     .463 No_date   12:59   20.96
02865>        [CN= 64.6: N= 3.00]
02866>        [Tp=  .80:DT= 1.00]
02867>  010:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02868>       ADD HYD            01:503             9.94     .193 No_date   12:55   20.01
02869>                        + 02:RC2            92.87    1.440 No_date   14:23   29.91
02870>                        + 04:502            10.41     .217 No_date   12:44   18.40
02871>                        + 05:505            24.08     .463 No_date   12:59   20.96
02872>       [DT= 1.00]  SUM=   06:502+503+50   137.30    1.841 No_date   13:47   26.75
02873>  010:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02874>       CALIB NASHYD       01:506             2.81     .054 No_date   12:34   13.87
02875>        [CN= 49.9: N= 3.00]
02876>        [Tp=  .44:DT= 1.00]
02877>  010:0031--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02878>       ADD HYD            01:506             2.81     .054 No_date   12:34   13.87
02879>                        + 06:502+503+50   137.30    1.841 No_date   13:47   26.75
02880>       [DT= 1.00]  SUM=   02:RC+506       140.11    1.854 No_date   13:46   26.49
02881>  010:0032--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02882>       ROUTE CHANNEL   -> 02:RC+506       140.11    1.854 No_date   13:46   26.49
02883>        [RDT= 1.00] out<- 04:RC3            140.11    1.853 No_date   13:50   26.49
02884>        [L/S/n=  200./1.000/.030]
02885>        [Vmax=  .926:Dmax=  .805]
02886>  010:0033--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02887>       CALIB NASHYD       01:507             5.22     .084 No_date   12:41   13.55
02888>        [CN= 49.0: N= 3.00]
02889>        [Tp=  .54:DT= 1.00]
02890>  010:0034--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02891>       ADD HYD            01:507             5.22     .084 No_date   12:41   13.55
02892>                        + 04:RC3            140.11    1.853 No_date   13:50   26.49
02893>       [DT= 1.00]  SUM=   02:507+RC       145.33    1.882 No_date   13:47   26.03
02894>  010:0035--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02895>       CALIB NASHYD       01:508            26.52     .340 No_date   13:09   15.90
02896>        [CN= 54.9: N= 3.00]
02897>        [Tp=  .93:DT= 1.00]
02898>  010:0036--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02899>       ADD HYD            01:508            26.52     .340 No_date   13:09   15.90
02900>                        + 02:507+RC         145.33    1.882 No_date   13:47   26.03
02901>       [DT= 1.00]  SUM=   09:1000         171.85    2.177 No_date   13:31   24.47
02902> #            FLOWS FROM MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
02903>  010:0037--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02904>       CALIB NASHYD       01:103             8.70     .199 No_date   12:37   17.45
02905>        [CN= 59.2: N= 3.00]
02906>        [Tp=  .48:DT= 1.00]
02907>  010:0038--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02908>       ADD HYD            01:103             8.70     .199 No_date   12:37   17.45
02909>                        + 03:To1023         12.00     .089 No_date   13:07   29.01
02910>       [DT= 1.00]  SUM=   02:1023          20.70     .263 No_date   12:43   24.15
02911>  010:0039--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02912>       CALIB NASHYD       01:205             1.41     .044 No_date   12:19   13.60
02913>        [CN= 51.1: N= 3.00]
02914>        [Tp=  .20:DT= 1.00]
02915>  010:0040--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02916>       ADD HYD            01:205             1.41     .044 No_date   12:19   13.60
02917>                        + 02:1023          20.70     .263 No_date   12:43   24.15
02918>       [DT= 1.00]  SUM=   03:802           22.11     .281 No_date   12:39   23.48
02919>  010:0041--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02920>       CALIB STANDHYD     01:201            18.41    2.035 No_date   12:12   40.06
02921>        [XIMP=.43:TIMP=.56]
02922>        [LOSS= 2 :CN= 49.0]
02923>        [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=    .0]
02924>        [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=    .0]
02925>  010:0042--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02926>       ADD HYD            01:201            18.41    2.035 No_date   12:12   40.06
02927>                        + 03:802            22.11     .281 No_date   12:39   23.48
02928>       [DT= 1.00]  SUM=   02:803           40.52    2.162 No_date   12:12   31.01
02929>  010:0043--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02930>       CALIB NASHYD       01:202             1.10     .028 No_date   12:22   13.01
02931>        [CN= 55.0: N= 3.00]
02932>        [Tp=  .25:DT= 1.00]
02933>  010:0044--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02934>       ADD HYD            01:202             1.10     .028 No_date   12:22   13.01
02935>                        + 02:803            40.52    2.162 No_date   12:12   31.01
02936>       [DT= 1.00]  SUM=   03:804           41.62    2.180 No_date   12:12   30.54
02937>  010:0045--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02938>       CALIB NASHYD       01:1021            4.66     .069 No_date   12:58   16.06
02939>        [CN= 55.3: N= 3.00]
02940>        [Tp=  .78:DT= 1.00]
02941>  010:0046--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02942>       COMPUTE DUALHYD    01:1021            4.66     .069 No_date   12:58   16.06
02943>         Major System /   04:To1000           .42     .023 No_date   12:58   16.06
02944>         Minor System \   02:To810            4.24     .046 No_date   12:28   16.06
02945>  010:0047--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02946>       ADD HYD            02:To810           4.24     .046 No_date   12:28   16.06
02947>                        + 03:804            41.62    2.180 No_date   12:12   30.54
02948>       [DT= 1.00]  SUM=   05:810           45.86    2.200 No_date   12:12   29.20
02949> #                    MAIR MILLS VILLAGE SWM FACILITY
02950>  010:0048--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02951>       ROUTE RESERVOIR -> 05:810           45.86    2.200 No_date   12:12   29.20
02952>        [RDT= 1.00] out<- 02:1026          45.86     .323 No_date   13:40   29.19
02953>                  overflow <= 03:1026OVF     .00     .000 No_date    0:00     .00
02954>        [MxStoUsed=.5707E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
02955>  010:0049--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02956>       ADD HYD            02:1026            45.86     .323 No_date   13:40   29.19
02957>                        + 03:1026OVF          .00     .000 No_date    0:00     .00
02958>       [DT= 1.00]  SUM=   05:Pond1026ou    45.86     .323 No_date   13:40   29.19
02959> #            TENTH LINE DITCH FLOW SPLIT (OUTLET A AND OUTLET B)
02960>  010:0050--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02961>       DIVERT HYD      -> 05:Pond1026ou    45.86     .323 No_date   13:40   29.19
02962>                 diverted <= 02:To807      23.24     .040 No_date   13:40   29.19
02963>                 diverted <= 07:To809      22.63     .283 No_date   13:40   29.19
02964>                 diverted <= 03:To1025        .00     .000 No_date    0:00     .00
02965> #                    FLOWS TO NODE 2 (UPSTREAM OF TENTH LINE)
02966>  010:0051--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02967>       ADD HYD           09:1000          171.85    2.177 No_date   13:31   24.47
02968>                       + 04:To1000           .42     .023 No_date   12:58   16.06
02969>       [DT= 1.00]  SUM=   05:Node 2       172.27    2.188 No_date   13:25   24.45
02970>  010:0052--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
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10yr SCS

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02971>      CALIB NASHYD       01:207          1.22     .057 No_date   12:15   16.06
02972>       [CN= 55.3: N= 3.00]
02973>       [Tp=  .13:DT= 1.00]
02974> #                                FLOWS TO OUTLET B
02975>  010:0053---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02976>      ADD HYD            01:207          1.22     .057 No_date   12:15   16.06
02977>                       + 02:To807       23.24     .040 No_date   13:40   29.19
02978>       [DT= 1.00]  SUM=  06:807         24.46     .097 No_date   12:15   28.54
02979>  010:0054---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02980>      ADD HYD            06:807          24.46     .097 No_date   12:15   28.54
02981>                       + 10:To806        14.16     .020 No_date   13:07   29.01
02982>       [DT= 1.00]  SUM=  01:806          38.62     .117 No_date   12:15   28.71
02983> #                              FLOWS FROM TENTH LINE
02984>  010:0055---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02985>      CALIB STANDHYD     08:601           1.15     .085 No_date   12:17   33.31
02986>       [XIMP=.35:TIMP=.35]
02987>       [LOSS= 2 :CN= 49.0]
02988>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
02989>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.035:SCI=   .0]
02990>  010:0056---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02991>      CALIB STANDHYD     09:602           1.15     .085 No_date   12:17   33.31
02992>       [XIMP=.35:TIMP=.35]
02993>       [LOSS= 2 :CN= 49.0]
02994>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
02995>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.035:SCI=   .0]
02996> #                    FLOWS TO NODE 3/ OUTLET A (DOWNSTREAM OF TENTH LINE)
02997>  010:0057---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02998>      ADD HYD            05:Node 2       172.27    2.188 No_date   13:25   24.45
02999>                       + 03:To1025          .00     .000 No_date    0:00     .00
03000>                       + 07:To809         22.63     .283 No_date   13:40   29.19
03001>                       + 08:601             .22     .022 No_date   12:12   33.31
03002>                       + 09:602            1.15     .085 No_date   12:17   33.31
03003>       [DT= 1.00]  SUM=  02:909/Node3     196.26    2.478 No_date   13:26   25.06
03004> #                    FLOWS TO NODE 4  (SUM OF OUTLETS A&B)
03005>  010:0058---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03006>      ADD HYD            02:809/Node3    196.26    2.478 No_date   13:26   25.06
03007>                       + 01:806          38.62     .117 No_date   12:15   28.71
03008>       [DT= 1.00]  SUM=  04:Node4        234.88    2.542 No_date   13:26   25.66
03009>   ** END OF RUN :  10
03010>
03011>  ************************************************************************
03012>
03013>
03014>
03015>
03016>
03017>  RUN:COMMAND#
03018>  011:0001---------------------------------------------------------------------
03019>      START
03020>       [TZERO =    .00 hrs on        0]
03021>       [METOUT=   2     (1=imperial, 2=metric output)]
03022>       [NSTORM=   1 ]
03023>       [NRUN  =  11 ]
03024> #************************************************************************
03025> #  Project Name: [Linksview PreDev]  Project Number: [103-2687]
03026> #  Date        : 2014 08 28
03027> #  Modified    :
03028> #  Modeller    : [A. French]
03029> #  Company     : C.F. Crozier & Associates Inc.
03030> #  License #   :  3737016
03031> #************************************************************************
03032> #************************************************************************
03033>  011:0002---------------------------------------------------------------------
03034>      READ STORM
03035>       Filename = STORM.001
03036>       Comment  =
03037>       [SDT= 1.00:SDUR=  24.00:PTOT=  86.40]
03038> #        FLOW FROM MAIR MILLS ESTATES AND CONTRIBUTING AREAS
03039>  011:0003---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03040>      CALIB NASHYD       01:300           4.55     .162 No_date   12:50   35.79
03041>       [CN= 71.0: N= 3.00]
03042>       [Tp=  .74:DT= 5.00]
03043>  011:0004---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03044>      ROUTE CHANNEL   -> 01:300           4.55     .162 No_date   12:50   35.79
03045>       [RDT= 1.00] out<- 02:701           4.55     .128 No_date   13:13   35.79
03046>       [L/S/n=  450./ .050/.040]
03047>       [Vmax=  .229:Dmax=  .234]
03048>  011:0005---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03049>      CALIB NASHYD       01:301           5.97     .240 No_date   12:46   35.79
03050>       [CN= 71.0: N= 3.00]
03051>       [Tp=  .63:DT= 1.00]
03052>  011:0006---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03053>      ADD HYD            01:301           5.97     .240 No_date   12:46   35.79
03054>                       + 02:701           4.55     .128 No_date   13:13   35.79
03055>       [DT= 1.00]  SUM=  03:901          10.52     .348 No_date   12:55   35.79
03056>  011:0007---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03057>      ROUTE CHANNEL   -> 03:901          10.52     .348 No_date   12:55   35.79
03058>       [RDT= 1.00] out<- 01:702          10.52     .295 No_date   13:09   35.79
03059>       [L/S/n=  300./ .050/.060]
03060>       [Vmax=  .209:Dmax=  .440]
03061>  011:0008---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03062>      ROUTE RESERVOIR -> 01:702          10.52     .295 No_date   13:09   35.79
03063>       [RDT= 1.00] out<- 02:501          10.52     .172 No_date   14:17   35.79
03064>            overflow <= 03:501OVF          .00     .000 No_date    0:00     .00
03065>       [MxStoUsed=.5546E-01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03066>  011:0009---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03067>      CALIB STANDHYD     01:302          16.39    1.414 No_date   12:20   46.63
03068>       [XIMP=.20:TIMP=.40]
03069>       [LOSS= 2 :CN= 65.2]
03070>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
03071>       [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=   .0]
03072>  011:0010---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03073>      ADD HYD            01:302          16.39    1.414 No_date   12:20   46.63
03074>                       + 02:501          10.52     .172 No_date   14:17   35.79
03075>                       + 03:501OVF          .00     .000 No_date    0:00     .00
03076>       [DT= 1.00]  SUM=  04:902          26.91    1.466 No_date   12:20   42.39
03077>  011:0011---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03078>      CALIB STANDHYD     01:303           2.34     .270 No_date   12:15   51.06
03079>       [XIMP=.25:TIMP=.50]
03080>       [LOSS= 2 :CN= 65.2]
03081>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
03082>       [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=   .0]
03083>  011:0012---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03084>      ADD HYD            01:303           2.34     .270 No_date   12:15   51.06
03085>                       + 04:902          26.91    1.466 No_date   12:20   42.39
03086>       [DT= 1.00]  SUM=  02:903          29.25    1.705 No_date   12:19   43.08
03087>  011:0013---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03088>      CALIB NASHYD       01:304           2.90     .178 No_date   12:23   31.74
03089>       [CN= 66.6: N= 3.00]
03090>       [Tp=  .28:DT= 1.00]
03091>  011:0014---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03092>      ADD HYD            01:304           2.90     .178 No_date   12:23   31.74
03093>                       + 02:903          29.25    1.705 No_date   12:19   43.08
03094>       [DT= 1.00]  SUM=  03:904          32.15    1.876 No_date   12:19   42.06
03095>  011:0015---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03096>      CALIB STANDHYD     01:305            .31     .021 No_date   12:12   41.41
03097>       [XIMP=.20:TIMP=.20]
03098>       [LOSS= 2 :CN= 65.2]
03099>       [Pervious     area: IAper= 5.00:SLPP= .50:LGP= 100.:MNP=.250:SCP=   .0]
03100>       [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
03101>  011:0016---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03102>      ADD HYD            01:305            .31     .021 No_date   12:12   41.41
03103>                       + 03:904          32.15    1.876 No_date   12:19   42.06
03104>       [DT= 1.00]  SUM=  02:905          32.46    1.884 No_date   12:19   42.05
03105> #                  MAIR MILLS ESTATES SWM FACILITY
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25 yr SCS

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03106>  011:0017---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03107>      ROUTE RESERVOIR -> 02:905          32.46    1.884 No_date   12:19   42.05
03108>       [RDT= 1.00] out<- 03:502          32.46     .150 No_date   17:05   42.05
03109>            overflow <= 04:502OVF          .00     .000 No_date    0:00     .00
03110>       [MxStoUsed=.8311E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03111>  011:0018---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03112>      CALIB NASHYD       01:400           5.70     .100 No_date   12:53   17.78
03113>       [CN= 50.2: N= 3.00]
03114>       [Tp=  .70:DT= 1.00]
03115>  011:0019---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03116>      ADD HYD            01:400           5.70     .100 No_date   12:53   17.78
03117>                       + 03:502          32.46     .150 No_date   17:05   42.05
03118>                       + 04:502OVF          .00     .000 No_date    0:00     .00
03119>       [DT= 1.00]  SUM=  02:906          38.16     .250 No_date   12:53   38.43
03120> #        FLOW SPLIT: CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS
03121>  011:0020---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03122>      DIVERT HYD         -> 02:906          38.16     .250 No_date   12:53   38.43
03123>                diverted <= 10:To806        11.71     .020 No_date   12:53   38.43
03124>                diverted <= 03:To1023       13.23     .115 No_date   12:53   38.43
03125>                diverted <= 01:To1022       13.23     .115 No_date   12:53   38.43
03126> #         FLOWS FROM TAYLOR"S CREEK UPSTREAM CATCHMENT AREAS
03127> #                              FLOWS TO NODE 1
03128>  011:0021---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03129>      CALIB NASHYD       01:501           85.82    1.952 No_date   14:01   42.20
03130>       [CN= 78.8: N= 3.00]
03131>       [Tp= 1.72:DT= 1.00]
03132>  011:0022---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03133>      ROUTE CHANNEL   -> 01:501          85.82    1.952 No_date   14:01   42.20
03134>       [RDT= 1.00] out<- 02:RC1          85.82    1.932 No_date   14:16   42.20
03135>       [L/S/n=  350./1.500/.030]
03136>       [Vmax=  .514:Dmax=  .931]
03137>  011:0023---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03138>      CALIB NASHYD       01:504           7.05     .164 No_date   12:42   19.57
03139>       [CN= 51.8: N= 3.00]
03140>       [Tp=  .55:DT= 1.00]
03141>  011:0024---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03142>      ADD HYD            01:504           7.05     .164 No_date   12:42   19.57
03143>                       + 02:RC1          85.82    1.932 No_date   14:16   42.20
03144>       [DT= 1.00]  SUM=  04:501+504      92.87    1.972 No_date   14:14   40.49
03145>  011:0025---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03146>      ROUTE CHANNEL   -> 04:501+504      92.87    1.972 No_date   14:14   40.49
03147>       [RDT= 1.00] out<- 02:RC2          92.87    1.968 No_date   14:20   40.49
03148>       [L/S/n=  425./1.250/.030]
03149>       [Vmax= 1.126:Dmax=  .828]
03150>  011:0026---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03151>      CALIB NASHYD       01:503           9.94     .272 No_date   12:54   27.93
03152>       [CN= 63.3: N= 3.00]
03153>       [Tp=  .74:DT= 1.00]
03154>  011:0027---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03155>      CALIB NASHYD       04:502           10.41     .310 No_date   12:44   25.89
03156>       [CN= 61.2: N= 3.00]
03157>       [Tp=  .59:DT= 1.00]
03158>  011:0028---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03159>      CALIB NASHYD       05:505           24.08     .651 No_date   12:58   29.14
03160>       [CN= 64.6: N= 3.00]
03161>       [Tp=  .80:DT= 1.00]
03162>  011:0029---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03163>      ADD HYD            01:503           9.94     .272 No_date   12:54   27.93
03164>                       + 02:RC2          92.87    1.968 No_date   14:20   40.49
03165>                       + 04:502          10.41     .310 No_date   12:44   25.89
03166>                       + 05:505          24.08     .651 No_date   12:58   29.14
03167>       [DT= 1.00]  SUM=  06:502+503+50   137.30    2.540 No_date   13:45   36.48
03168>  011:0030---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03169>      CALIB NASHYD       01:506           2.81     .076 No_date   12:34   19.61
03170>       [CN= 49.9: N= 3.00]
03171>       [Tp=  .44:DT= 1.00]
03172>  011:0031---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03173>      ADD HYD            01:506           2.81     .076 No_date   12:34   19.61
03174>                       + 06:502+503+50   137.30    2.540 No_date   13:45   36.48
03175>       [DT= 1.00]  SUM=  02:RC+506       140.11    2.560 No_date   13:39   36.15
03176>  011:0032---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03177>      ROUTE CHANNEL   -> 02:RC+506       140.11    2.560 No_date   13:39   36.15
03178>       [RDT= 1.00] out<- 04:RC3          140.11    2.559 No_date   13:45   36.14
03179>       [L/S/n=  200./1.000/.030]
03180>       [Vmax=  .951:Dmax=  .869]
03181>  011:0033---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03182>      CALIB NASHYD       01:507           5.22     .120 No_date   12:41   19.16
03183>       [CN= 49.0: N= 3.00]
03184>       [Tp=  .54:DT= 1.00]
03185>  011:0034---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03186>      ADD HYD            01:507           5.22     .120 No_date   12:41   19.16
03187>                       + 04:RC3          140.11    2.559 No_date   13:45   36.14
03188>       [DT= 1.00]  SUM=  02:507+RC       145.33    2.606 No_date   13:38   35.54
03189>  011:0035---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03190>      CALIB NASHYD       01:508           26.52     .483 No_date   13:08   22.41
03191>       [CN= 54.9: N= 3.00]
03192>       [Tp=  .93:DT= 1.00]
03193>  011:0036---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03194>      ADD HYD            01:508           26.52     .483 No_date   13:08   22.41
03195>                       + 02:507+RC       145.33    2.606 No_date   13:38   35.54
03196>       [DT= 1.00]  SUM=  09:1000         171.85    3.047 No_date   13:27   33.51
03197> #            FLOWS FROM MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
03198>  011:0037---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03199>      CALIB NASHYD       01:103           8.70     .284 No_date   12:37   24.60
03200>       [CN= 59.2: N= 3.00]
03201>       [Tp=  .48:DT= 1.00]
03202>  011:0038---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03203>      ADD HYD            01:103           8.70     .284 No_date   12:37   24.60
03204>                       + 03:To1023       13.23     .115 No_date   12:53   38.43
03205>       [DT= 1.00]  SUM=  02:1023         21.93     .388 No_date   12:39   32.94
03206>  011:0039---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03207>      CALIB NASHYD       01:205           1.41     .063 No_date   12:19   19.42
03208>       [CN= 51.1: N= 3.00]
03209>       [Tp=  .20:DT= 1.00]
03210>  011:0040---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03211>      ADD HYD            01:205           1.41     .063 No_date   12:19   19.42
03212>                       + 02:1023         21.93     .388 No_date   12:39   32.94
03213>       [DT= 1.00]  SUM=  03:802          23.34     .419 No_date   12:36   32.12
03214>  011:0041---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03215>      CALIB STANDHYD     01:201           18.41    2.601 No_date   12:12   50.05
03216>       [XIMP=.43:TIMP=.56]
03217>       [LOSS= 2 :CN= 49.0]
03218>       [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
03219>       [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
03220>  011:0042---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03221>      ADD HYD            01:201           18.41    2.601 No_date   12:12   50.05
03222>                       + 03:802          23.34     .419 No_date   12:36   32.12
03223>       [DT= 1.00]  SUM=  02:803          41.75    2.795 No_date   12:12   40.03
03224>  011:0043---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03225>      CALIB NASHYD       01:202           1.10     .042 No_date   12:22   19.11
03226>       [CN= 55.0: N= 3.00]
03227>       [Tp=  .25:DT= 1.00]
03228>  011:0044---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03229>      ADD HYD            01:202           1.10     .042 No_date   12:22   19.11
03230>                       + 02:803          41.75    2.795 No_date   12:12   40.03
03231>       [DT= 1.00]  SUM=  03:804          42.85    2.823 No_date   12:12   39.49
03232>  011:0045---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03233>      CALIB NASHYD       01:1021          4.66     .098 No_date   12:57   22.62
03234>       [CN= 55.3: N= 3.00]
03235>       [Tp=  .78:DT= 1.00]
03236>  011:0046---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03237>      COMPUTE DUALHYD    01:1021          4.66     .098 No_date   12:57   22.62
03238>        Major System /   04:To1000          .90     .052 No_date   12:57   22.62
03239>        Minor System \   02:To810          3.76     .046 No_date   12:20   22.62
03240>  011:0047---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
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ADD HYD            02:To810          3.76     .046 No_date   12:20   22.62
                +  03:804            42.85    2.823 No_date   12:12   39.49
  [DT= 1.00]  SUM=  05:810           46.60    2.852 No_date   12:12   38.13
#                  MAIR MILLS VILLAGE SWM FACILITY
011:0048----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  ROUTE RESERVOIR -> 05:810          46.60    2.852 No_date   12:12   38.13
   [RDT= 1.00] out<- 02:1026         46.60     .510 No_date   13:16   38.13
        overflow <= 03:10260VF        .00     .000 No_date    0:00     .00
  [MxStoUsed=.6726E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
011:0049----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  ADD HYD            02:1026         46.60     .510 No_date   13:16   38.13
                +  03:10260VF         .00     .000 No_date    0:00     .00
  [DT= 1.00]  SUM=  05:Pond1026cu     46.60     .510 No_date   13:16   38.13
#          TENTH LINE DITCH FLOW SPLIT (OUTLET A AND OUTLET B)
011:0050----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  DIVERT HYD      -> 05:Pond1026cu   46.60     .510 No_date   13:16   38.13
        diverted <= 02:To807         19.80     .040 No_date   13:16   38.13
        diverted <= 07:To809         26.80     .470 No_date   13:16   38.13
        diverted <= 03:To1025          .00     .000 No_date    0:00     .00
#                  FLOWS TO NODE 2 (UPSTREAM OF TENTH LINE)
011:0051----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  ADD HYD            09:1000        171.85    3.047 No_date   13:27   33.51
                +  04:To1000          .90     .052 No_date   12:57   22.62
  [DT= 1.00]  SUM=  05:Node 2        172.75    3.084 No_date   13:24   33.45
011:0052----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  CALIB NASHYD       01:207          1.22     .080 No_date   12:15   22.62
  [CN= 55.3: N= 3.00]
  [Tp=  .13:DT= 1.00]
#                                FLOWS TO OUTLET B
011:0053----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  ADD HYD            01:207          1.22     .080 No_date   12:15   22.62
                +  02:To807          19.80     .040 No_date   13:16   38.13
  [DT= 1.00]  SUM=  06:807           21.02     .120 No_date   12:15   37.23
011:0054----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  ADD HYD            06:807          21.02     .120 No_date   12:15   37.23
                +  10:To806          11.71     .020 No_date   12:53   38.43
  [DT= 1.00]  SUM=  01:806           32.73     .140 No_date   12:15   37.66
#                  FLOWS FROM TENTH LINE
011:0055----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  CALIB STANDHYD     08:601           .22     .028 No_date   12:12   42.00
  [XIMP=.35:TIMP=.35]
  [LOSS= 2 :CN= 49.0]
  [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  3.:MNP=.250:SCP=   .0]
  [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.035:SCI=   .0]
011:0056----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  CALIB STANDHYD     09:602          1.15     .110 No_date   12:17   42.00
  [XIMP=.35:TIMP=.35]
  [LOSS= 2 :CN= 49.0]
  [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  3.:MNP=.250:SCP=   .0]
  [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.035:SCI=   .0]
#                  FLOWS TO NODE 3/ OUTLET A (DOWNSTREAM OF TENTH LINE)
011:0057----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  ADD HYD            05:Node 2      172.75    3.084 No_date   13:24   33.45
                +  03:To1025          .00     .000 No_date    0:00     .00
                +  07:To809          26.80     .470 No_date   13:16   38.13
                +  08:601             .22     .028 No_date   12:12   42.00
                +  09:602            1.15     .110 No_date   12:17   42.00
  [DT= 1.00]  SUM=  02:809/Node3     200.92    3.563 No_date   13:23   34.14
#                  FLOWS TO NODE 4  (SUM OF OUTLETS A&B)
011:0058----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  ADD HYD            02:809/Node3   200.92    3.563 No_date   13:23   34.14
                +  01:806            32.73     .140 No_date   12:15   37.66
  [DT= 1.00]  SUM=  04:Node4         233.66    3.630 No_date   13:22   34.63
** END OF RUN :  11
```

```
RUN:COMMAND#
012:0001----------
    START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2     (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =  12 ]
#*********************************************************************
#  Project Name: [Linksview PreDev]  Project Number: [183-2687]
#  Date        : 2014 08 28
#  Modified    :
#  Modeller    : [A. French]
#  Company     : C.F. Crozier & Associates Inc.
#  License #   : 37370016
#*********************************************************************
#*********************************************************************
012:0002----------
    READ STORM
      Filename = STORM.001
      Comment  =
      [SDT= 1.00:SDUR=  24.00:PTOT=  96.00]
#       FLOW FROM MAIR MILLS ESTATES AND CONTRIBUTING AREAS
012:0003----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  CALIB NASHYD       01:300          4.55     .194 No_date   12:50   42.52
  [CN= 71.0: N= 3.00]
  [Tp=  .74:DT= 5.00]
012:0004----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  ROUTE CHANNEL   -> 01:300          4.55     .194 No_date   12:50   42.52
   [RDT= 1.00] out<- 02:701          4.55     .154 No_date   13:11   42.52
  [L/S/n=  450./ .050/.040]
  [Vmax=  .246:Dmax=  .257]
012:0005----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  CALIB NASHYD       01:301          5.97     .287 No_date   12:46   42.52
  [CN= 71.0: N= 3.00]
  [Tp=  .63:DT= 1.00]
012:0006----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  ADD HYD            01:301          5.97     .287 No_date   12:46   42.52
                +  02:701          4.55     .154 No_date   13:11   42.52
  [DT= 1.00]  SUM=  03:901          10.52     .420 No_date   12:53   42.52
012:0007----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  ROUTE CHANNEL   -> 03:901          10.52     .420 No_date   12:53   42.52
   [RDT= 1.00] out<- 01:702          10.52     .361 No_date   13:06   42.52
  [L/S/n=  300./ .050/.060]
  [Vmax=  .230:Dmax=  .475]
012:0008----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  ROUTE RESERVOIR -> 01:702          10.52     .361 No_date   13:06   42.52
   [RDT= 1.00] out<- 02:501          10.52     .173 No_date   14:33   42.52
        overflow <= 03:501OVF         .00     .000 No_date    0:00     .00
  [MxStoUsed=.9014E-01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
012:0009----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  CALIB STANDHYD     01:302          16.39    1.701 No_date   12:19   54.01
  [XIMP=.20:TIMP=.40]
  [LOSS= 2 :CN= 65.2]
  [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
  [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=   .0]
012:0010----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  ADD HYD            01:302          16.39    1.701 No_date   12:19   54.01
                +  02:501          10.52     .173 No_date   14:33   42.52
                +  03:501OVF         .00     .000 No_date    0:00     .00
  [DT= 1.00]  SUM=  04:902          26.91    1.767 No_date   12:20   49.52
012:0011----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  CALIB STANDHYD     01:303           2.34     .322 No_date   12:15   58.81
  [XIMP=.25:TIMP=.50]
  [LOSS= 2 :CN= 65.2]
```

50 yr SCS

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  [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
  [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=   .0]
012:0012----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  ADD HYD            01:303          2.34     .322 No_date   12:15   58.81
                +  04:902          26.91    1.767 No_date   12:20   49.52
  [DT= 1.00]  SUM=  02:903          29.25    2.052 No_date   12:19   50.26
012:0013----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  CALIB NASHYD       01:304          2.90     .214 No_date   12:23   37.92
  [CN= 66.6: N= 3.00]
  [Tp=  .28:DT= 1.00]
012:0014----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  ADD HYD            01:304          2.90     .214 No_date   12:23   37.92
                +  02:903          29.25    2.052 No_date   12:19   50.26
  [DT= 1.00]  SUM=  03:904          32.15    2.257 No_date   12:19   49.15
012:0015----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  CALIB STANDHYD     01:305           .31     .024 No_date   12:12   48.14
  [XIMP=.20:TIMP=.20]
  [LOSS= 2 :CN= 65.2]
  [Pervious     area: IAper= 5.00:SLPP= .50:LGP= 100.:MNP=.250:SCP=   .0]
  [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
012:0016----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  ADD HYD            01:305           .31     .024 No_date   12:12   48.14
                +  03:904          32.15    2.257 No_date   12:19   49.15
  [DT= 1.00]  SUM=  02:905          32.46    2.269 No_date   12:19   49.14
#                  MAIR MILLS ESTATES SWM FACILITY
012:0017----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  ROUTE RESERVOIR -> 02:905          32.46    2.269 No_date   12:19   49.14
   [RDT= 1.00] out<- 03:502          32.46     .284 No_date   15:46   49.13
        overflow <= 04:502OVF         .00     .000 No_date    0:00     .00
  [MxStoUsed=.8774E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
012:0018----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  CALIB NASHYD       01:400           5.70     .124 No_date   12:52   21.88
  [CN= 50.2: N= 3.00]
  [Tp=  .70:DT= 1.00]
012:0019----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  ADD HYD            01:400           5.70     .124 No_date   12:52   21.88
                +  03:502          32.46     .284 No_date   15:46   49.13
                +  04:502OVF         .00     .000 No_date    0:00     .00
  [DT= 1.00]  SUM=  02:906          38.16     .305 No_date   15:31   45.06
#      FLOW SPLIT: CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS
012:0020----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  DIVERT HYD      -> 02:906          38.16     .305 No_date   15:31   45.06
        diverted <= 10:To806         10.21     .020 No_date   15:31   45.06
        diverted <= 03:To1023        13.98     .142 No_date   15:31   45.06
        diverted <= 01:To1022        13.98     .142 No_date   15:31   45.06
#        FLOWS FROM TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
#                  FLOWS TO NODE 1
012:0021----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  CALIB NASHYD       01:501          85.82    2.319 No_date   14:00   49.86
  [CN= 78.8: N= 3.00]
  [Tp= 1.72:DT= 1.00]
012:0022----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  ROUTE CHANNEL   -> 01:501          85.82    2.319 No_date   14:00   49.86
   [RDT= 1.00] out<- 02:RC1          85.82    2.294 No_date   14:15   49.86
  [L/S/n=  350./1.500/.030]
  [Vmax=  .502:Dmax=  .958]
012:0023----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  CALIB NASHYD       01:504           7.05     .201 No_date   12:42   23.92
  [CN= 51.8: N= 3.00]
  [Tp=  .55:DT= 1.00]
012:0024----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  ADD HYD            01:504           7.05     .201 No_date   12:42   23.92
                +  02:RC1          85.82    2.294 No_date   14:15   49.86
  [DT= 1.00]  SUM=  04:501+504       92.87    2.343 No_date   14:13   47.89
012:0025----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  ROUTE CHANNEL   -> 04:501+504      92.87    2.343 No_date   14:13   47.89
   [RDT= 1.00] out<- 02:RC2          92.87    2.338 No_date   14:19   47.89
  [L/S/n=  425./1.250/.030]
  [Vmax= 1.141:Dmax=  .861]
012:0026----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  CALIB NASHYD       01:503           9.94     .330 No_date   12:54   33.65
  [CN= 63.3: N= 3.00]
  [Tp=  .74:DT= 1.00]
012:0027----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  CALIB NASHYD       04:502          10.41     .378 No_date   12:44   31.33
  [CN= 61.2: N= 3.00]
  [Tp=  .59:DT= 1.00]
012:0028----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  CALIB NASHYD       05:505          24.08     .787 No_date   12:58   35.03
  [CN= 64.6: N= 3.00]
  [Tp=  .80:DT= 1.00]
012:0029----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  ADD HYD            01:503           9.94     .330 No_date   12:54   33.65
                +  02:RC2          92.87    2.338 No_date   14:19   47.89
                +  04:502          10.41     .378 No_date   12:44   31.33
                +  05:505          24.08     .787 No_date   12:58   35.03
  [DT= 1.00]  SUM=  06:502+503+50   137.30    3.061 No_date   13:40   43.35
012:0030----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  CALIB NASHYD       01:506           2.81     .093 No_date   12:34   23.84
  [CN= 49.9: N= 3.00]
  [Tp=  .44:DT= 1.00]
012:0031----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  ADD HYD            01:506           2.81     .093 No_date   12:34   23.84
                +  06:502+503+50   137.30    3.061 No_date   13:40   43.35
  [DT= 1.00]  SUM=  02:RC+506       140.11    3.087 No_date   13:39   42.96
012:0032----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  ROUTE CHANNEL   -> 02:RC+506      140.11    3.087 No_date   13:39   42.96
   [RDT= 1.00] out<- 04:RC3          140.11    3.085 No_date   13:42   42.96
  [L/S/n=  200./1.000/.030]
  [Vmax=  .970:Dmax=  .911]
012:0033----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  CALIB NASHYD       01:507           5.22     .146 No_date   12:41   23.30
  [CN= 49.0: N= 3.00]
  [Tp=  .54:DT= 1.00]
012:0034----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  ADD HYD            01:507           5.22     .146 No_date   12:41   23.30
                +  04:RC3          140.11    3.085 No_date   13:42   42.96
  [DT= 1.00]  SUM=  02:507+RC       145.33    3.143 No_date   13:38   42.25
012:0035----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  CALIB NASHYD       01:508          26.52     .589 No_date   13:08   27.17
  [CN= 54.9: N= 3.00]
  [Tp=  .93:DT= 1.00]
012:0036----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  ADD HYD            01:508          26.52     .589 No_date   13:08   27.17
                +  02:507+RC       145.33    3.143 No_date   13:38   42.25
  [DT= 1.00]  SUM=  09:1000         171.85    3.676 No_date   13:27   39.93
#          FLOWS FROM MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
012:0037----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  CALIB NASHYD       01:103           8.70     .346 No_date   12:36   29.81
  [CN= 59.2: N= 3.00]
  [Tp=  .48:DT= 1.00]
012:0038----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  ADD HYD            01:103           8.70     .346 No_date   12:36   29.81
                +  03:To1023         13.98     .142 No_date   15:31   45.06
  [DT= 1.00]  SUM=  02:1023          22.68     .467 No_date   12:38   39.21
012:0039----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  CALIB NASHYD       01:205           1.41     .077 No_date   12:19   23.71
  [CN= 51.1: N= 3.00]
  [Tp=  .20:DT= 1.00]
012:0040----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  ADD HYD            01:205           1.41     .077 No_date   12:19   23.71
                +  02:1023         22.68     .467 No_date   12:38   39.21
  [DT= 1.00]  SUM=  03:802           24.09     .507 No_date   12:36   38.31
012:0041----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  CALIB STANDHYD     01:201          18.41    2.973 No_date   12:12   56.96
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03511>       [XIMP=.43:TIMP=.56]
03512>       [LOSS= 2 :CN= 49.0]
03513>       [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
03514>       [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
03515>  012:0042---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03516>       ADD HYD            01:201          18.41     2.973 No_date   12:12   56.96
03517>                        + 03:802          24.09      .507 No_date   12:36   38.31
03518>       [DT= 1.00]  SUM=  02:803          42.50     3.224 No_date   12:12   46.39
03519>  012:0043---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03520>       CALIB NASHYD       01:202           1.10      .053 No_date   12:22   23.64
03521>       [CN= 55.0: N= 3.00]
03522>       [Tp=  .25:DT= 1.00]
03523>  012:0044---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03524>       ADD HYD            01:202           1.10      .053 No_date   12:22   23.64
03525>                        + 02:803          42.50     3.224 No_date   12:12   46.39
03526>       [DT= 1.00]  SUM=  03:804          43.60     3.261 No_date   12:12   45.81
03527>  012:0045---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03528>       CALIB NASHYD       01:1021          4.66      .119 No_date   12:57   27.43
03529>       [CN= 55.3: N= 3.00]
03530>       [Tp=  .78:DT= 1.00]
03531>  012:0046---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03532>       COMPUTE DUALHYD    01:1021          4.66      .119 No_date   12:57   27.43
03533>         Major System /   04:To1000        1.17      .073 No_date   12:57   27.43
03534>         Minor System \   02:To810         3.49      .046 No_date   12:16   27.43
03535>  012:0047---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03536>       ADD HYD            02:To810         3.49      .046 No_date   12:16   27.43
03537>                        + 03:804          43.60     3.261 No_date   12:12   45.81
03538>       [DT= 1.00]  SUM=  05:810          47.08     3.296 No_date   12:12   44.45
03539> #                    MAIR MILLS VILLAGE SWM FACILITY
03540>  012:0048---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03541>       ROUTE RESERVOIR -> 05:810          47.08     3.296 No_date   12:12   44.45
03542>        [RDT= 1.00] out<- 02:1026         47.08      .645 No_date   13:09   44.45
03543>              overflow <= 03:10260VF       .00      .000 No_date    0:00     .00
03544>       [MxStoUsed=.7458E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03545>  012:0049---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03546>       ADD HYD            02:1026          47.08      .645 No_date   13:09   44.45
03547>                        + 03:10260VF         .00      .000 No_date    0:00     .00
03548>       [DT= 1.00]  SUM=  05:Pond1026ou    47.08      .645 No_date   13:09   44.45
03549> #              TENTH LINE DITCH FLOW SPLIT (OUTLET A AND OUTLET B)
03550>  012:0050---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03551>       DIVERT HYD      -> 05:Pond1026ou   47.08      .645 No_date   13:09   44.45
03552>              diverted <= 02:To807        17.41      .040 No_date   13:09   44.45
03553>              diverted <= 07:To809        29.44      .560 No_date   13:09   44.45
03554>              diverted <= 03:To1025         .23      .045 No_date   13:09   44.45
03555> #                        FLOWS TO NODE 2 (UPSTREAM OF TENTH LINE)
03556>  012:0051---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03557>       ADD HYD            09:1000         171.85     3.676 No_date   13:27   39.93
03558>                        + 04:To1000         1.17      .073 No_date   12:57   27.43
03559>       [DT= 1.00]  SUM=  05:Node 2       173.02     3.730 No_date   13:24   39.84
03560>  012:0052---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03561>       CALIB NASHYD       01:207           1.22      .098 No_date   12:15   27.43
03562>       [CN= 55.3: N= 3.00]
03563>       [Tp=  .13:DT= 1.00]
03564> #                                FLOWS TO OUTLET B
03565>  012:0053---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03566>       ADD HYD            01:207           1.22      .098 No_date   12:15   27.43
03567>                        + 02:To807         17.41      .040 No_date   13:09   44.45
03568>       [DT= 1.00]  SUM=  06:807           18.63      .138 No_date   12:15   43.33
03569>  012:0054---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03570>       ADD HYD            06:807          18.63      .138 No_date   12:15   43.33
03571>                        + 10:To806         10.21      .020 No_date   15:31   45.06
03572>       [DT= 1.00]  SUM=  01:806           28.84      .158 No_date   12:15   43.95
03573> #                              FLOWS FROM TENTH LINE
03574>  012:0055---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03575>       CALIB STANDHYD     08:601             .22      .033 No_date   12:12   48.05
03576>       [XIMP=.35:TIMP=.35]
03577>       [LOSS= 2 :CN= 49.0]
03578>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
03579>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.035:SCI=   .0]
03580>  012:0056---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03581>       CALIB STANDHYD     09:602           1.15      .129 No_date   12:16   48.05
03582>       [XIMP=.35:TIMP=.35]
03583>       [LOSS= 2 :CN= 49.0]
03584>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
03585>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.035:SCI=   .0]
03586> #                FLOWS TO NODE 3/ OUTLET A (DOWNSTREAM OF TENTH LINE)
03587>  012:0057---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03588>       ADD HYD            05:Node 2       173.02     3.730 No_date   13:24   39.84
03589>                        + 03:To1025          .23      .045 No_date   13:09   44.45
03590>                        + 07:To809         29.44      .560 No_date   13:09   44.45
03591>                        + 08:601             .22      .033 No_date   12:12   48.05
03592>                        + 09:602           1.15      .129 No_date   12:16   48.05
03593>       [DT= 1.00]  SUM=  02:809/Node3     204.06     4.340 No_date   13:21   40.57
03594> #                    FLOWS TO NODE 4  (SUM OF OUTLETS A&B)
03595>  012:0058---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03596>       ADD HYD            02:809/Node3    204.06     4.340 No_date   13:21   40.57
03597>                        + 01:806          28.84      .158 No_date   12:15   43.95
03598>       [DT= 1.00]  SUM=  04:Node4        232.90     4.408 No_date   13:20   40.98
03599>   ** END OF RUN :  12
03600>
03601> ************************************************************************
03602>
03603>
03604>
03605>
03606>
03607>  RUN:COMMAND#
03608>  013:0001-----------------------------------------------------------------
03609>       START
03610>        [TZERO =     .00 hrs on        0]
03611>        [METOUT=    2    (1=imperial, 2=metric output)]
03612>        [NSTORM=    1 ]
03613>        [NRUN   =  13 ]
03614> #*********************************************************************
03615> #  Project Name: [Linksview PreDev]  Project Number: [183-2687]
03616> #  Date        : 2014 00 28
03617> #  Modified    :
03618> #  Modeller    : [A. French]
03619> #  Company     : C.F. Crozier & Associates Inc.
03620> #  License #   : 37377016
03621> #*********************************************************************
03622> #*********************************************************************
03623>  013:0002-----------------------------------------------------------------
03624>       READ STORM
03625>        Filename = STORM_001
03626>        Comment  =
03627>        [SDT= 1.00:SDUR=  24.00:PTOT= 108.00]
03628> #        FLOW FROM MAIR MILLS ESTATES AND CONTRIBUTING AREAS
03629>  013:0003---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03630>       CALIB NASHYD       01:300           4.55      .235 No_date   12:50   51.31
03631>       [CN= 71.0: N= 3.00]
03632>       [Tp=  .74:DT= 5.00]
03633>  013:0004---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03634>       ROUTE CHANNEL   -> 01:300           4.55      .235 No_date   12:50   51.31
03635>        [RDT= 1.00] out<- 02:701           4.55      .192 No_date   13:10   51.31
03636>        [L/S/n=  450./ .050/.040]
03637>        [Vmax=  .265:Dmax=  .282]
03638>  013:0005---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03639>       CALIB NASHYD       01:301           5.97      .348 No_date   12:45   51.31
03640>       [CN= 71.0: N= 3.00]
03641>       [Tp=  .63:DT= 1.00]
03642>  013:0006---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03643>       ADD HYD            01:301           5.97      .348 No_date   12:45   51.31
03644>                        + 02:701           4.55      .192 No_date   13:10   51.31
03645>       [DT= 1.00]  SUM=  03:901          10.52      .515 No_date   12:53   51.31
03646>  013:0007---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03647>       ROUTE CHANNEL   -> 03:901          10.52      .515 No_date   12:53   51.31
03648>        [RDT= 1.00] out<- 01:702          10.52      .450 No_date   13:06   51.31
03649>        [L/S/n=  300./ .050/.060]
03650>        [Vmax=  .248:Dmax=  .512]
03651>  013:0008---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03652>       ROUTE RESERVOIR -> 01:702          10.52      .450 No_date   13:06   51.31
03653>        [RDT= 1.00] out<- 02:501          10.52      .175 No_date   14:49   51.31
03654>              overflow <= 03:501OVF        .00      .000 No_date    0:00     .00
03655>       [MxStoUsed=.1404E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03656>  013:0009---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03657>       CALIB STANDHYD     01:302          16.39     2.065 No_date   12:19   63.52
03658>       [XIMP=.20:TIMP=.40]
03659>       [LOSS= 2 :CN= 65.2]
03660>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
03661>       [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=   .0]
03662>  013:0010---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03663>       ADD HYD            01:302          16.39     2.065 No_date   12:19   63.52
03664>                        + 02:501          10.52      .175 No_date   14:49   51.31
03665>                        + 03:501OVF         .00      .000 No_date    0:00     .00
03666>       [DT= 1.00]  SUM=  04:902          26.91     2.150 No_date   12:19   58.75
03667>  013:0011---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03668>       CALIB STANDHYD     01:303           2.34      .390 No_date   12:15   68.75
03669>       [XIMP=.25:TIMP=.50]
03670>       [LOSS= 2 :CN= 65.2]
03671>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
03672>       [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=   .0]
03673>  013:0012---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03674>       ADD HYD            01:303           2.34      .390 No_date   12:15   68.75
03675>                        + 04:902          26.91     2.150 No_date   12:19   58.75
03676>       [DT= 1.00]  SUM=  02:903          29.25     2.504 No_date   12:18   59.55
03677>  013:0013---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03678>       CALIB NASHYD       01:304           2.90      .261 No_date   12:23   46.05
03679>       [CN= 66.6: N= 3.00]
03680>       [Tp=  .28:DT= 1.00]
03681>  013:0014---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03682>       ADD HYD            01:304           2.90      .261 No_date   12:23   46.05
03683>                        + 02:903          29.25     2.504 No_date   12:18   59.55
03684>       [DT= 1.00]  SUM=  03:904          32.15     2.749 No_date   12:18   58.33
03685>  013:0015---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03686>       CALIB STANDHYD     01:305            .31      .029 No_date   12:12   56.88
03687>       [XIMP=.20:TIMP=.20]
03688>       [LOSS= 2 :CN= 65.2]
03689>       [Pervious     area: IAper= 5.00:SLPP=  .50:LGP= 100.:MNP=.250:SCP=   .0]
03690>       [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
03691>  013:0016---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03692>       ADD HYD            01:305            .31      .029 No_date   12:12   56.88
03693>                        + 03:904          32.15     2.749 No_date   12:18   58.33
03694>       [DT= 1.00]  SUM=  02:905          32.46     2.764 No_date   12:18   58.32
03695> #                    MAIR MILLS ESTATES SWM FACILITY
03696>  013:0017---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03697>       ROUTE RESERVOIR -> 02:905          32.46     2.764 No_date   12:18   58.32
03698>        [RDT= 1.00] out<- 03:502          32.46      .412 No_date   14:19   58.32
03699>              overflow <= 04:502OVF        .00      .000 No_date    0:00     .00
03700>       [MxStoUsed=.9148E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03701>  013:0018---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03702>       CALIB NASHYD       01:400           5.70      .157 No_date   12:52   27.44
03703>       [CN= 50.2: N= 3.00]
03704>       [Tp=  .70:DT= 1.00]
03705>  013:0019---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03706>       ADD HYD            01:400           5.70      .157 No_date   12:52   27.44
03707>                        + 03:502          32.46      .412 No_date   14:19   58.32
03708>                        + 04:502OVF         .00      .000 No_date    0:00     .00
03709>       [DT= 1.00]  SUM=  02:906          38.16      .483 No_date   13:43   53.70
03710> #      FLOW SPLIT: CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS
03711>  013:0020---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03712>       DIVERT HYD      -> 02:906          38.16      .483 No_date   13:43   53.70
03713>              diverted <= 10:To806         8.74      .020 No_date   13:43   53.70
03714>              diverted <= 03:To1023       14.71      .231 No_date   13:43   53.70
03715>              diverted <= 01:To1022       14.71      .231 No_date   13:43   53.70
03716> #        FLOWS FROM TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
03717> #                          FLOWS TO NODE 1
03718>  013:0021---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03719>       CALIB NASHYD       01:501          85.82     2.792 No_date   13:59   59.74
03720>       [CN= 78.8: N= 3.00]
03721>       [Tp= 1.72:DT= 1.00]
03722>  013:0022---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03723>       ROUTE CHANNEL   -> 01:501          85.82     2.792 No_date   13:59   59.74
03724>        [RDT= 1.00] out<- 02:RC1          85.82     2.760 No_date   14:14   59.74
03725>        [L/S/n=  350./1.500/.030]
03726>        [Vmax=  .489:Dmax=  .991]
03727>  013:0023---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03728>       CALIB NASHYD       01:504           7.05      .252 No_date   12:41   29.78
03729>       [CN= 51.8: N= 3.00]
03730>       [Tp=  .55:DT= 1.00]
03731>  013:0024---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03732>       ADD HYD            01:504           7.05      .252 No_date   12:41   29.78
03733>                        + 02:RC1          85.82     2.760 No_date   14:14   59.74
03734>       [DT= 1.00]  SUM=  04:501+504      92.87     2.823 No_date   14:12   57.47
03735>  013:0025---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03736>       ROUTE CHANNEL   -> 04:501+504      92.87     2.823 No_date   14:12   57.47
03737>        [RDT= 1.00] out<- 02:RC2          92.87     2.816 No_date   14:17   57.47
03738>        [L/S/n=  425./1.250/.030]
03739>        [Vmax= 1.161:Dmax=  .904]
03740>  013:0026---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03741>       CALIB NASHYD       01:503           9.94      .406 No_date   12:54   41.22
03742>       [CN= 63.3: N= 3.00]
03743>       [Tp=  .74:DT= 1.00]
03744>  013:0027---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03745>       CALIB NASHYD       04:502          10.41      .468 No_date   12:44   38.56
03746>       [CN= 61.2: N= 3.00]
03747>       [Tp=  .59:DT= 1.00]
03748>  013:0028---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03749>       CALIB NASHYD       05:505          24.08      .968 No_date   12:58   42.80
03750>       [CN= 64.6: N= 3.00]
03751>       [Tp=  .80:DT= 1.00]
03752>  013:0029---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03753>       ADD HYD            01:503           9.94      .406 No_date   12:54   41.22
03754>                        + 02:RC2          92.87     2.816 No_date   14:17   57.47
03755>                        + 04:502          10.41      .468 No_date   12:44   38.56
03756>                        + 05:505          24.08      .968 No_date   12:58   42.80
03757>       [DT= 1.00]  SUM=  06:502+503+50   137.30     3.727 No_date   13:35   52.29
03758>  013:0030---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03759>       CALIB NASHYD       01:506           2.81      .116 No_date   12:34   29.53
03760>       [CN= 49.9: N= 3.00]
03761>       [Tp=  .44:DT= 1.00]
03762>  013:0031---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03763>       ADD HYD            01:506           2.81      .116 No_date   12:34   29.53
03764>                        + 06:502+503+50   137.30     3.727 No_date   13:35   52.29
03765>       [DT= 1.00]  SUM=  02:RC+506       140.11     3.762 No_date   13:33   51.83
03766>  013:0032---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03767>       ROUTE CHANNEL   -> 02:RC+506      140.11     3.762 No_date   13:33   51.83
03768>        [RDT= 1.00] out<- 04:RC3          140.11     3.760 No_date   13:36   51.83
03769>        [L/S/n=  200./1.000/.030]
03770>        [Vmax=  .994:Dmax=  .949]
03771>  013:0033---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03772>       CALIB NASHYD       01:507           5.22      .182 No_date   12:40   28.88
03773>       [CN= 49.0: N= 3.00]
03774>       [Tp=  .54:DT= 1.00]
03775>  013:0034---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03776>       ADD HYD            01:507           5.22      .182 No_date   12:40   28.88
03777>                        + 04:RC3          140.11     3.760 No_date   13:36   51.83
03778>       [DT= 1.00]  SUM=  02:507+RC       145.33     3.841 No_date   13:32   51.01
03779>  013:0035---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03780>       CALIB NASHYD       01:508          26.52      .732 No_date   13:07   33.55
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100 yr SCS

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03781>       [CN= 54.9: N= 3.00]
03782>       [Tp=  .93:DT= 1.00]
03783>  013:0036----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03784>      ADD HYD             01:508          26.52     .732 No_date   13:07   33.55
03785>                        + 02:507+RC       145.33    3.841 No_date   13:32   51.01
03786>       [DT= 1.00]  SUM=  09:1000         171.85    4.522 No_date   13:25   48.31
03787> #              FLOWS FROM MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
03788>  013:0037----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03789>      CALIB NASHYD        01:103           8.70     .430 No_date   12:36   36.76
03790>       [CN= 59.2: N= 3.00]
03791>       [Tp=  .48:DT= 1.00]
03792>  013:0038----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03793>      ADD HYD             01:103           8.70     .430 No_date   12:36   36.76
03794>                        + 03:To1023       14.71     .231 No_date   13:43   53.70
03795>       [DT= 1.00]  SUM=  02:1023          23.41     .566 No_date   12:38   47.41
03796>  013:0039----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03797>      CALIB NASHYD        01:205           1.41     .097 No_date   12:19   29.50
03798>       [CN= 51.1: N= 3.00]
03799>       [Tp=  .20:DT= 1.00]
03800>  013:0040----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03801>      ADD HYD             01:205           1.41     .097 No_date   12:19   29.50
03802>                        + 02:1023          23.41     .566 No_date   12:38   47.41
03803>       [DT= 1.00]  SUM=  03:802           24.82     .616 No_date   12:34   46.39
03804>  013:0041----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03805>      CALIB STANDHYD      01:201          18.41    3.504 No_date   12:12   65.82
03806>       [XIMP=.43:TIMP=.56]
03807>       [LOSS= 2 :CN= 49.0]
03808>       [Pervious    area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
03809>       [Impervious  area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
03810>  013:0042----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03811>      ADD HYD             01:201          18.41    3.504 No_date   12:12   65.82
03812>                        + 03:802          24.82     .616 No_date   12:34   46.39
03813>       [DT= 1.00]  SUM=  02:803           43.23    3.834 No_date   12:12   54.66
03814>  013:0043----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03815>      CALIB NASHYD        01:202           1.10     .067 No_date   12:22   29.75
03816>       [CN= 55.0: N= 3.00]
03817>       [Tp=  .25:DT= 1.00]
03818>  013:0044----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03819>      ADD HYD             01:202           1.10     .067 No_date   12:22   29.75
03820>                        + 02:803           43.23    3.834 No_date   12:12   54.66
03821>       [DT= 1.00]  SUM=  03:804           44.33    3.880 No_date   12:12   54.05
03822>  013:0045----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03823>      CALIB NASHYD        01:1021          4.66     .140 No_date   12:57   33.86
03824>       [CN= 55.3: N= 3.00]
03825>       [Tp=  .78:DT= 1.00]
03826>  013:0046----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03827>      COMPUTE DUALHYD     01:1021          4.66     .148 No_date   12:57   33.86
03828>        Major System /    04:To1000        1.45     .102 No_date   12:57   33.86
03829>        Minor System \    02:To810         3.21     .046 No_date   12:13   33.86
03830>  013:0047----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03831>      ADD HYD             02:To810         3.21     .046 No_date   12:13   33.86
03832>                        + 03:804           44.33    3.880 No_date   12:12   54.05
03833>       [DT= 1.00]  SUM=  05:810           47.54    3.925 No_date   12:12   52.68
03834> #                      MAIR MILLS VILLAGE SWM FACILITY
03835>  013:0048----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03836>      ROUTE RESERVOIR -> 05:810           47.54    3.925 No_date   12:12   52.68
03837>       [RDT= 1.00] out<- 02:1026          47.54     .820 No_date   13:06   52.68
03838>                  overflow <= 03:10260VF    .00     .000 No_date    0:00     .00
03839>       [MxStoUsed=.8412E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03840> 013:0049----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03841>      ADD HYD             02:1026          47.54     .820 No_date   13:06   52.68
03842>                        + 03:10260VF          .00     .000 No_date    0:00     .00
03843>       [DT= 1.00]  SUM=  05:Pond1026ou    47.54     .820 No_date   13:06   52.68
03844> #          TENTH LINE DITCH FLOW SPLIT (OUTLET A AND OUTLET B)
03845>  013:0050----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03846>      DIVERT HYD      -> 05:Pond1026ou    47.54     .820 No_date   13:06   52.68
03847>                diverted <= 02:To807      15.02     .041 No_date   13:06   52.68
03848>                diverted <= 07:To809      29.96     .560 No_date   13:06   52.68
03849>                diverted <= 03:To1025      2.56     .219 No_date   13:06   52.68
03850> #                    FLOWS TO NODE 2 (UPSTREAM OF TENTH LINE)
03851>  013:0051----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03852>      ADD HYD             09:1000         171.85    4.522 No_date   13:25   48.31
03853>                        + 04:To1000         1.45     .102 No_date   12:57   33.86
03854>       [DT= 1.00]  SUM=  05:Node 2        173.30    4.603 No_date   13:23   48.19
03855>  013:0052----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03856>      CALIB NASHYD        01:207           1.22     .121 No_date   12:15   33.86
03857>       [CN= 55.3: N= 3.00]
03858>       [Tp=  .13:DT= 1.00]
03859> #                                FLOWS TO OUTLET B
03860>  013:0053----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03861>      ADD HYD             01:207           1.22     .121 No_date   12:15   33.86
03862>                        + 02:To807        15.02     .041 No_date   13:06   52.68
03863>       [DT= 1.00]  SUM=  06:807           16.24     .161 No_date   12:15   51.27
03864>  013:0054----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03865>      ADD HYD             06:807          16.24     .161 No_date   12:15   51.27
03866>                        + 10:To806         8.74     .020 No_date   13:43   53.70
03867>       [DT= 1.00]  SUM=  01:806           24.98     .181 No_date   12:15   52.12
03868> #                              FLOWS FROM TENTH LINE
03869>  013:0055----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03870>      CALIB STANDHYD      08:601            .22     .038 No_date   12:12   55.87
03871>       [XIMP=.35:TIMP=.35]
03872>       [LOSS= 2 :CN= 49.0]
03873>       [Pervious    area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
03874>       [Impervious  area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.035:SCI=   .0]
03875>  013:0056----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03876>      CALIB STANDHYD      09:602           1.15     .154 No_date   12:16   55.87
03877>       [XIMP=.35:TIMP=.35]
03878>       [LOSS= 2 :CN= 49.0]
03879>       [Pervious    area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
03880>       [Impervious  area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.035:SCI=   .0]
03881> #                FLOWS TO NODE 3/ OUTLET A (DOWNSTREAM OF TENTH LINE)
03882>  013:0057----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03883>      ADD HYD             05:Node 2       173.30    4.603 No_date   13:23   48.19
03884>                        + 03:To1025         2.56     .219 No_date   13:06   52.68
03885>                        + 07:To809         29.96     .560 No_date   13:06   52.68
03886>                        + 08:601             .22     .038 No_date   12:12   55.87
03887>                        + 09:602            1.15     .154 No_date   12:16   55.87
03888>       [DT= 1.00]  SUM=  02:809/Node3    207.19    5.387 No_date   13:21   48.95
03889> #                    FLOWS TO NODE 4  (SUM OF OUTLETS A&B)
03890>  013:0058----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03891>      ADD HYD             02:809/Node3    207.19    5.387 No_date   13:21   48.95
03892>                        + 01:806          24.98     .181 No_date   12:15   52.12
03893>       [DT= 1.00]  SUM=  04:Node4        232.17    5.458 No_date   13:21   49.29
03894>   ** END OF RUN :  13
03895>
03896> ************************************************************************
03897>
03898>
03899>
03900>
03901>
03902>  RUN:COMMAND#
03903>  014:0001----------------------------------------------------------------
03904>      START
03905>       [TZERO =    .00 hrs on       0]
03906>       [METOUT=   2    (1=imperial, 2=metric output)]
03907>       [NSTORM=   1 ]
03908>       [NRUN  =  14 ]
03909> #*********************************************************************
03910> #  Project Name: [Linksview PreDev]  Project Number: [183-2687]
03911> #  Date       : 2014 08 28
03912> #  Modified   :
03913> #  Modeller   : [A. French]
03914> #  Company    : C.F. Crozier & Associates Inc.
03915> #  License #  :  3737016
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03916> #*********************************************************************
03917> #*********************************************************************
03918>  014:0002----------------------------------------------------------------
03919>      READ STORM
03920>       Filename = STORM.001
03921>       Comment  =
03922>       [SDT=60.00:SDUR=  12.00:PTOT= 193.00]
03923> #         FLOW FROM MAIR MILLS ESTATES AND CONTRIBUTING AREAS
03924>  014:0003----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03925>      CALIB NASHYD        01:300           4.55     .300 No_date    7:25   121.15
03926>       [CN= 71.0: N= 3.00]
03927>       [Tp=  .74:DT= 5.00]
03928>  014:0004----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03929>      ROUTE CHANNEL   -> 01:300           4.55     .300 No_date    7:25   121.15
03930>   *  [RDT= 1.00] out<- 02:701           4.55     .273 No_date    7:43   121.15
03931>       [L/S/n=  450./ .050/.040]
03932>       [Vmax=  .288:Dmax=  .317]
03933>  014:0005----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03934>      CALIB NASHYD        01:301           5.97     .420 No_date    7:19   121.15
03935>       [CN= 71.0: N= 3.00]
03936>       [Tp=  .63:DT= 1.00]
03937>  014:0006----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03938>      ADD HYD             01:301           5.97     .420 No_date    7:19   121.15
03939>                        + 02:701           4.55     .273 No_date    7:43   121.15
03940>       [DT= 1.00]  SUM=  03:901           10.52    .679 No_date    7:26   121.15
03941>  014:0007----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03942>      ROUTE CHANNEL   -> 03:901           10.52    .679 No_date    7:26   121.15
03943>   *  [RDT= 1.00] out<- 01:702           10.52    .638 No_date    7:38   121.15
03944>       [L/S/n=  300./ .050/.060]
03945>       [Vmax=  .280:Dmax=  .570]
03946>  014:0008----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03947>      ROUTE RESERVOIR -> 01:702           10.52    .638 No_date    7:38   121.15
03948>       [RDT= 1.00] out<- 02:501           10.52    .193 No_date   12:44   121.15
03949>                  overflow <= 03:501OVF     .00     .000 No_date    0:00     .00
03950>       [MxStoUsed=.6124E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03951>  014:0009----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03952>      CALIB STANDHYD      01:302           16.39    1.423 No_date    7:04   136.79
03953>       [XIMP=.20:TIMP=.40]
03954>       [LOSS= 2 :CN= 65.2]
03955>       [Pervious    area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
03956>       [Impervious  area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=   .0]
03957>  014:0010----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03958>      ADD HYD             01:302           16.39    1.423 No_date    7:04   136.79
03959>                        + 02:501           10.52    .193 No_date   12:44   121.15
03960>                        + 03:501OVF          .00    .000 No_date    0:00     .00
03961>       [DT= 1.00]  SUM=  04:902           26.91    1.595 No_date    7:04   130.67
03962>  014:0011----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03963>      CALIB STANDHYD      01:303            2.34     .224 No_date    7:01   144.22
03964>       [XIMP=.25:TIMP=.50]
03965>       [LOSS= 2 :CN= 65.2]
03966>       [Pervious    area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
03967>       [Impervious  area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=   .0]
03968>  014:0012----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03969>      ADD HYD             01:303            2.34     .224 No_date    7:01   144.22
03970>                        + 04:902           26.91    1.595 No_date    7:04   130.67
03971>       [DT= 1.00]  SUM=  02:903           29.25    1.817 No_date    7:03   131.75
03972>  014:0013----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03973>      CALIB NASHYD        01:304            2.90     .230 No_date    7:03   112.07
03974>       [CN= 66.6: N= 3.00]
03975>       [Tp=  .28:DT= 1.00]
03976>  014:0014----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03977>      ADD HYD             01:304            2.90     .230 No_date    7:03   112.07
03978>                        + 02:903           29.25    1.817 No_date    7:03   131.75
03979>       [DT= 1.00]  SUM=  03:904           32.15    2.047 No_date    7:03   129.98
03980>  014:0015----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03981>      CALIB STANDHYD      01:305             .31     .023 No_date    7:00   125.69
03982>       [XIMP=.20:TIMP=.20]
03983>       [LOSS= 2 :CN= 65.2]
03984>       [Pervious    area: IAper= 5.00:SLPP= .50:LGP= 100.:MNP=.250:SCP=   .0]
03985>       [Impervious  area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
03986>  014:0016----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03987>      ADD HYD             01:305             .31     .023 No_date    7:00   125.69
03988>                        + 03:904           32.15    2.047 No_date    7:03   129.98
03989>       [DT= 1.00]  SUM=  02:905           32.46    2.066 No_date    7:03   129.94
03990> #                      MAIR MILLS ESTATES SWM FACILITY
03991>  014:0017----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03992>      ROUTE RESERVOIR -> 02:905           32.46    2.066 No_date    7:03   129.94
03993>       [RDT= 1.00] out<- 03:502           32.46    1.386 No_date    7:42   129.94
03994>                  overflow <= 04:502OVF     .00     .000 No_date    0:00     .00
03995>       [MxStoUsed=.1190E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03996>  014:0018----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03997>      CALIB NASHYD        01:400           5.70     .238 No_date    7:27   76.99
03998>       [CN= 50.2: N= 3.00]
03999>       [Tp=  .70:DT= 1.00]
04000>  014:0019----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04001>      ADD HYD             01:400           5.70     .238 No_date    7:27   76.99
04002>                        + 03:502           32.46    1.386 No_date    7:42   129.94
04003>                        + 04:502OVF          .00    .000 No_date    0:00     .00
04004>       [DT= 1.00]  SUM=  02:906           38.16    1.618 No_date    7:40   122.03
04005> #      FLOW SPLIT: CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS
04006>  014:0020----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04007>      DIVERT HYD      -> 02:906           38.16    1.618 No_date    7:40   122.03
04008>                diverted <= 10:To806       4.27     .020 No_date    7:40   122.03
04009>                diverted <= 03:To1023     16.94     .799 No_date    7:40   122.03
04010>                diverted <= 01:To1022     16.94     .799 No_date    7:40   122.03
04011> #        FLOWS FROM TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
04012> #                          FLOWS TO NODE 1
04013>  014:0021----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04014>      CALIB NASHYD        01:501           85.82    4.743 No_date    9:24   135.47
04015>       [CN= 78.8: N= 3.00]
04016>       [Tp= 1.72:DT= 1.00]
04017>  014:0022----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04018>      ROUTE CHANNEL   -> 01:501           85.82    4.743 No_date    9:24   135.47
04019>       [RDT= 1.00] out<- 02:RC1           85.82    4.728 No_date    9:35   135.47
04020>       [L/S/n=  350./1.500/.030]
04021>       [Vmax=  .493:Dmax= 1.084]
04022>  014:0023----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04023>      CALIB NASHYD        01:504           7.05     .340 No_date    7:16   81.30
04024>       [CN= 51.8: N= 3.00]
04025>       [Tp=  .55:DT= 1.00]
04026>  014:0024----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04027>      ADD HYD             01:504           7.05     .340 No_date    7:16   81.30
04028>                        + 02:RC1           85.82    4.728 No_date    9:35   135.47
04029>       [DT= 1.00]  SUM=  04:501+504       92.87    4.965 No_date    9:28   131.37
04030>  014:0025----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04031>      ROUTE CHANNEL   -> 04:501+504       92.87    4.965 No_date    9:28   131.37
04032>       [RDT= 1.00] out<- 02:RC2           92.87    4.962 No_date    9:32   131.37
04033>       [L/S/n=  425./1.250/.030]
04034>       [Vmax= 1.249:Dmax= 1.039]
04035>  014:0026----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04036>      CALIB NASHYD        01:503           9.94     .560 No_date    7:28   103.97
04037>       [CN= 63.3: N= 3.00]
04038>       [Tp=  .74:DT= 1.00]
04039>  014:0027----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04040>      CALIB NASHYD        04:502          10.41     .609 No_date    7:18   99.22
04041>       [CN= 61.2: N= 3.00]
04042>       [Tp=  .59:DT= 1.00]
04043>  014:0028----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04044>      CALIB NASHYD        05:505           24.08    1.352 No_date    7:33   106.80
04045>       [CN= 64.6: N= 3.00]
04046>       [Tp=  .80:DT= 1.00]
04047>  014:0029----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04048>      ADD HYD             01:503           9.94     .560 No_date    7:28   103.97
04049>                        + 02:RC2           92.87    4.962 No_date    9:32   131.37
04050>                        + 04:502           10.41     .609 No_date    7:18   99.22
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04051>                    +  05:505            24.08     1.352 No_date    7:33  106.80
04052>       [DT= 1.00]  SUM=  06:502+503+50   137.30     6.948 No_date    9:15  122.64
04053>  014:0030----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04054>       CALIB NASHYD       01:506            2.81      .141 No_date    7:10   79.65
04055>         [CN= 49.9: N= 3.00]
04056>         [Tp=  .44:DT= 1.00]
04057>  014:0031----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04058>       ADD HYD            01:506            2.81      .141 No_date    7:10   79.65
04059>                        +  06:502+503+50   137.30     6.948 No_date    9:15  122.64
04060>       [DT= 1.00]  SUM=  02:RC+506        140.11     7.048 No_date    9:15  121.78
04061>  014:0032----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04062>       ROUTE CHANNEL   -> 02:RC+506        140.11     7.048 No_date    9:15  121.78
04063>         [RDT= 1.00] out<- 04:RC3          140.11     7.045 No_date    9:17  121.78
04064>         [L/S/n=  200./1.000/.030]
04065>         |Vmax= 1.102:Dmax= 1.106|
04066>  014:0033----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04067>       CALIB NASHYD       01:507            5.22      .241 No_date    7:16   78.13
04068>         [CN= 49.0: N= 3.00]
04069>         [Tp=  .54:DT= 1.00]
04070>  014:0034----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04071>       ADD HYD            01:507            5.22      .241 No_date    7:16   78.13
04072>                        +  04:RC3          140.11     7.045 No_date    9:17  121.78
04073>       [DT= 1.00]  SUM=  02:507+RC        145.33     7.226 No_date    9:16  120.21
04074>  014:0035----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04075>       CALIB NASHYD       01:508           26.52     1.138 No_date    7:47   88.45
04076>         [CN= 54.9: N= 3.00]
04077>         [Tp=  .93:DT= 1.00]
04078>  014:0036----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04079>       ADD HYD            01:508           26.52     1.138 No_date    7:47   88.45
04080>                        +  02:507+RC       145.33     7.226 No_date    9:16  120.21
04081>       [DT= 1.00]  SUM=  09:1000          171.85     8.280 No_date    9:15  115.31
04082> #                FLOWS FROM MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
04083>  014:0037----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04084>       CALIB NASHYD       01:103            8.70      .523 No_date    7:12   95.57
04085>         [CN= 59.2: N= 3.00]
04086>         [Tp=  .48:DT= 1.00]
04087>  014:0038----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04088>       ADD HYD            01:103            8.70      .523 No_date    7:12   95.57
04089>                        +  03:To1023         16.94      .799 No_date    7:40  122.03
04090>       [DT= 1.00]  SUM=  02:1023           25.64     1.261 No_date    7:28  113.05
04091>  014:0039----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04092>       CALIB NASHYD       01:205            1.41      .082 No_date    7:02   80.43
04093>         [CN= 51.1: N= 3.00]
04094>         [Tp=  .20:DT= 1.00]
04095>  014:0040----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04096>       ADD HYD            01:205            1.41      .082 No_date    7:02   80.43
04097>                        +  02:1023           25.64     1.261 No_date    7:28  113.05
04098>       [DT= 1.00]  SUM=  03:802            27.05     1.309 No_date    7:26  111.35
04099>  014:0041----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04100>       CALIB STANDHYD     01:201           18.41     1.622 No_date    7:00  134.10
04101>         [XIMP=.43:TIMP=.56]
04102>         [LOSS= 2 :CN= 49.0]
04103>         [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
04104>         [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
04105>  014:0042----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04106>       ADD HYD            01:201           18.41     1.622 No_date    7:00  134.10
04107>                        +  03:802           27.05     1.309 No_date    7:26  111.35
04108>       [DT= 1.00]  SUM=  02:803           45.46     2.743 No_date    7:01  120.56
04109>  014:0043----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04110>       CALIB NASHYD       01:202            1.10      .066 No_date    7:03   83.47
04111>         [CN= 55.0: N= 3.00]
04112>         [Tp=  .25:DT= 1.00]
04113>  014:0044----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04114>       ADD HYD            01:202            1.10      .066 No_date    7:03   83.47
04115>                        +  02:803           45.46     2.743 No_date    7:01  120.56
04116>       [DT= 1.00]  SUM=  03:804           46.56     2.809 No_date    7:01  119.68
04117>  014:0045----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04118>       CALIB NASHYD       01:1021           4.66      .217 No_date    7:33   89.14
04119>         [CN= 55.3: N= 3.00]
04120>         [Tp=  .78:DT= 1.00]
04121>  014:0046----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04122>       COMPUTE DUALHYD     01:1021           4.66      .217 No_date    7:33   89.14
04123>         Major System /   04:To1000          2.76      .171 No_date    7:33   89.14
04124>         Minor System \   02:To810           1.90      .046 No_date    5:49   89.14
04125>  014:0047----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04126>       ADD HYD            02:To810           1.90      .046 No_date    5:49   89.14
04127>                        +  03:804           46.56     2.809 No_date    7:01  119.68
04128>       [DT= 1.00]  SUM=  05:810           48.47     2.855 No_date    7:01  118.48
04129> #                      MAIR MILLS VILLAGE SWM FACILITY
04130>  014:0048----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04131>       ROUTE RESERVOIR -> 05:810           48.47     2.855 No_date    7:01  118.48
04132>         [RDT= 1.00] out<- 02:1026         48.47     2.733 No_date    7:05  118.48
04133>                   overflow <- 03:1026OVF     .00      .000 No_date    0:00     .00
04134>       (MxStoUsed=.9883E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
04135>  014:0049----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04136>       ADD HYD            02:1026           48.47     2.733 No_date    7:05  118.48
04137>                        +  03:1026OVF         .00      .000 No_date    0:00     .00
04138>       [DT= 1.00]  SUM=  05:Pond1026ou     48.47     2.733 No_date    7:05  118.48
04139> #              TENTH LINE DITCH FLOW SPLIT (OUTLET A AND OUTLET B)
04140>  014:0050----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04141>    DIVERT HYD       -> 05:Pond1026ou     48.47     2.733 No_date    7:05  118.48
04142>                diverted <= 02:To807        7.76      .050 No_date    7:05  118.48
04143>                diverted <= 07:To809       19.31      .561 No_date    7:05  118.48
04144>                diverted <= 03:To1025      21.40     2.123 No_date    7:05  118.48
04145> #                          FLOWS TO NODE 2 (UPSTREAM OF TENTH LINE)
04146>  014:0051----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04147>       ADD HYD            09:1000         171.85     8.280 No_date    9:15  115.31
04148>                        +  04:To1000         2.76      .171 No_date    7:33   89.14
04149>       [DT= 1.00]  SUM=  05:Node 2        174.61     8.419 No_date    9:15  114.90
04150>  014:0052----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04151>       CALIB NASHYD       01:207            1.22      .081 No_date    7:01   89.14
04152>         [CN= 55.3: N= 3.00]
04153>         [Tp=  .13:DT= 1.00]
04154> #                                  FLOWS TO OUTLET B
04155>  014:0053----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04156>       ADD HYD            01:207            1.22      .081 No_date    7:01   89.14
04157>                        +  02:To807          7.76      .050 No_date    7:05  118.48
04158>       [DT= 1.00]  SUM=  06:807            8.98      .130 No_date    7:01  114.49
04159>  014:0054----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04160>       ADD HYD            06:807            8.98      .130 No_date    7:01  114.49
04161>                        +  10:To806          4.27      .020 No_date    7:40  122.03
04162>       [DT= 1.00]  SUM=  01:806           13.26      .150 No_date    7:01  116.92
04163> #                              FLOWS FROM TENTH LINE
04164>  014:0055----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04165>       CALIB STANDHYD     08:601             .22      .017 No_date    7:00  117.64
04166>         [XIMP=.35:TIMP=.35]
04167>         [LOSS= 2 :CN= 49.0]
04168>         [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
04169>         [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.035:SCI=   .0]
04170>  014:0056----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04171>       CALIB STANDHYD     09:602            1.15      .087 No_date    7:01  117.64
04172>         [XIMP=.35:TIMP=.35]
04173>         [LOSS= 2 :CN= 49.0]
04174>         [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
04175>         [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.035:SCI=   .0]
04176> #                  FLOWS TO NODE 3/ OUTLET A (DOWNSTREAM OF TENTH LINE)
04177>  014:0057----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04178>       ADD HYD            05:Node 2        174.61     8.419 No_date    9:15  114.90
04179>                        +  03:To1025        21.40     2.123 No_date    7:05  118.48
04180>                        +  07:To809         19.31      .561 No_date    7:05  118.48
04181>                        +  08:601             .22      .017 No_date    7:00  117.64
04182>                        +  09:602            1.15      .087 No_date    7:01  117.64
04183>       [DT= 1.00]  SUM=  02:809/Node3     216.68    10.588 No_date    9:04  115.59
04184> #                    FLOWS TO NODE 4  (SUM OF OUTLETS A&B)
04185>  014:0058----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04186>       ADD HYD            02:809/Node3     216.68    10.588 No_date    9:04  115.59
04187>                        +  01:806           13.26      .150 No_date    7:01  116.92
04188>       [DT= 1.00]  SUM=  04:Node4         229.94    10.705 No_date    9:04  115.66
04189>  014:0002----------------------------------------------------------------------------
04190>       FINISH
04191> ----------------------------------------------------------------------------------
04192> **********************************************************************************
04193>       WARNINGS / ERRORS / NOTES
04194>       -------------------------
04195>  014:0050 DIVERT HYD       ->
04196>         *** WARNING: Outflow tables were exceeded.
04197>    Simulation ended on 2014-10-10      at 15:20:15
04198> ==========#=================#=========#=========#=========#=========#=========#=========
04199>
04200>
```

APPENDIX B

Post- development Hydrologic Modeling and SWM Design

DRAFT PLAN OF SUBDIVISION OF THE NORTH HALF OF LOT 43 CONCESSION 11

(GEOGRAPHIC TOWNSHIP OF NOTTAWASAGA)

TOWN OF COLLINGWOOD
COUNTY OF SIMCOE

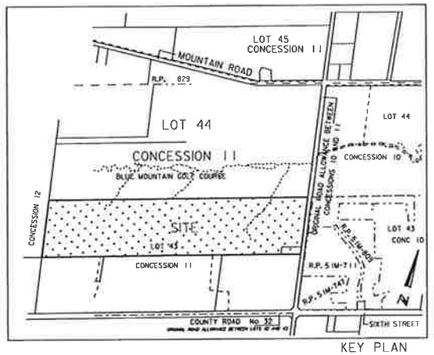
SCALE 1:2000

0 5 10 15 20 25 50 METRES

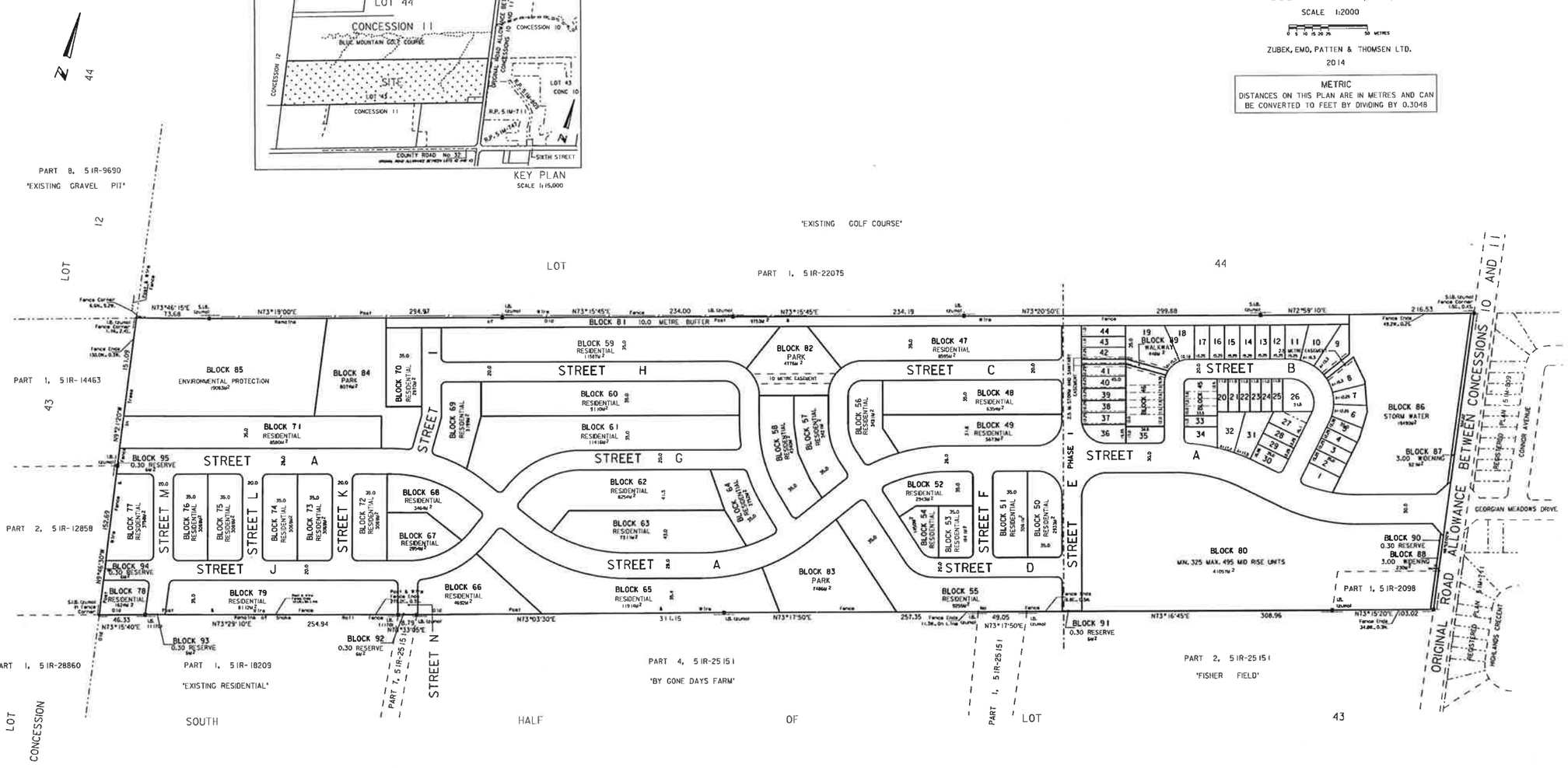
ZUBEK, EMO, PATTEN & THOMSEN LTD.

2014

METRIC
DISTANCES ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048



KEY PLAN
SCALE 1:15,000



ADDITIONAL INFORMATION REQUIRED UNDER SECTION 51(17) OF THE PLANNING ACT

A. AS SHOWN
B. AS SHOWN
C. AS SHOWN
D. AS SHOWN
E. AS SHOWN
F. AS SHOWN
G. AS SHOWN
H. MUNICIPAL WATER SUPPLY
I. CLAY LOAM
J. AS SHOWN
K. MUNICIPAL SANITARY SEWERS
L. AS SHOWN

LAND USE SCHEDULE

PROPOSED LAND USE	AREA (ha)
LOTS	
1-44 Incl. RESIDENTIAL MAX 44 UNITS	2.693
BLOCKS	
45-79 RESIDENTIAL MIN. 325 MAX 650 UNITS	17.362
80 APARTMENTS MIN. 226 MAX 492 UNITS	4.106
81 10.0 METRE DEDICATION	0.975
82, 83, 84 PARK LAND	2.034
85 ENVIRONMENTAL PROTECTION 'EP'	1.908
86 STORM WATER	1.949
87, 88 ROAD WIDENING	0.075
89 WALKWAY	0.045
90 TO 95 INCL. 0.30 RESERVE	0.004
ROADS	
STREET A, B, C, D, E, F, G, H, I, J, K, L, M, N	9.509
TOTAL	40.660

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:
THE BOUNDARIES OF THE LANDS TO BE SUBDIVIDED AND THEIR RELATIONSHIP TO THE ADJACENT LANDS ARE ACCURATELY SHOWN ON THIS PLAN.

DECEMBER 16, 2014 _____ O.L.S.

LYNN H. PATTEN
ONTARIO LAND SURVEYOR
COLLINGWOOD

OWNER'S CERTIFICATE

LINKSVIEW DEVELOPMENT CORPORATION HEREBY AUTHORIZES THE SUBMISSION OF THIS DRAFT PLAN OF SUBDIVISION TO THE TOWN OF COLLINGWOOD PLANNING DEPARTMENT

DECEMBER , 2014

PER _____
LARRY DUNN

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ZUBEK, EMO PATTEN & THOMSEN LIMITED
ONTARIO LAND SURVEYORS
39 STEWART ROAD
COLLINGWOOD, ONTARIO L9Y 4M7
PHONE: (705) 445-4910 FAX: (705) 445-5866

JOB No. 72-253-3 SURVEY FOR: LINKSVIEW DEVELOPMENT CORPORATION

DGN FILE: C:\2009\ 2009-REV. LINKS47.DGN

CROZIER & ASSOCIATES
Consulting Engineers

Project:	Linksview
Project No.:	183-2687
Design by:	KW
Date:	13/10/2014

DETERMINATION OF ALLOWABLE UNIT FLOW RATES FOR CATCHMENTS UPSTREAM OF TENTH LINE

Ultimate Contributing Area to Upstream of Tenth Line: 203.4 ha

	Storm	Pre-Development Flow Rates (m^3/s) Node 1	Node 2	Node 3	Node 4	Target Unit Flow Rate for Taylor's Creek Catchments (L/s/ ha)
CHI	2 year	0.483	0.741	0.747	0.802	4
	5 year	0.866	1.293	1.38	1.443	6
	10 year	1.166	1.738	1.952	2.017	9
	25 year	1.591	2.425	2.787	2.854	12
	50 year	1.883	2.902	3.358	3.426	14
	100 year	2.252	3.53	4.099	4.169	17
SCS	2 year	0.593	0.919	0.925	0.983	5
	5 year	1.103	1.67	1.832	1.895	8
	10 year	1.429	2.188	2.478	2.542	11
	25 year	1.952	3.084	3.563	3.63	15
	50 year	2.319	3.73	4.34	4.408	18
	100 year	2.792	4.603	5.387	5.458	23
	Timmins	4.743	8.419	10.588	10.705	41

Note: Target Unit Flow Rates were determined for future development areas upstream of Tenth Line based on pre-development flow rates at Node 2 and anticipated ultimate contributing areas.

CROZIER & ASSOCIATES
Consulting Engineers

Project Name:	Linksview	**D.A. NAME**	**2500**
Project Number:	183-2687	**D.A. AREA (ha)**	**38.20**
Date:	19-Aug-14		
By:	A. French		

Hydrologic Parameters: STANDHYD Command
Post Development Drainage Area: 2500 (Site)

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Tioga Fine sandy Loam	Tif	A	50	19.1
Sargent Sandy Loam	Stsl	AB	50	19.1
				0
				0
Total Area Check				38.2

Impervious Landuses Present:												
	Road		Apartment		Driveway		Building/ Sidewalk		SWMF		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif	2.0	98	2.7	98	1.9	98	3.9	98	1.0	98	11.4	1118.5
Stsl	2.0	98		98	1.9	98	3.9	98		98	7.8	764.2
0		98		98		98		98		98	0.0	0.0
0		98		98		98		98		98	0.0	0.0
Subtotal Area	4.0		2.7		3.7		7.8		1.0			

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif	0		0		0		7.7	49	0		7.7	376.7
Stsl	0		0		0		11.3	59	0		11.3	666.8
0	0		0		0		0.0		0		0.0	0.0
0	0		0		0		0.0		0		0.0	0.0
Subtotal Area	0		0		0		19.0		0			

Pervious Area Calculations	Total Pervious Area	19.0	
	Composite Pervious Curve Number	55.0	
Impervious Area Calculations	Total Directly Connected Area	11.4	
	Total Indirectly Connected Area	7.8	
	Total Impervious Area	19.2	
	% X imp	29.8	
	% T imp	50.3	
	Total Area Check	38.2	

Initial Abstraction and Flow Path Calculations

Landuse	IA (mm)	Area (ha)	A * IA
Woodland	10	0	0
Meadow	8	0	0
Wetland	16	0	0
Lawn	5	18.989	94.945
Cultivated	7	0	0

Land Use	IA (mm)	Slope (%)	Travel Length (m)	Manning's n
Pervious	5.0	2	40	0.25
Impervious	2.0	0.5	505	0.013

Assumptions: 65% impervious coverage of apartment block (zoning requires 40% landscaped area)

Lot Type	# Lots	Building & Deck Coverage (m^2/lot)	Driveway & Hardscape Coverage (m^2/lot)
Townhomes	144	120	65
36'	76	155	80
40'	131	170	90
50'	92	215	110

CROZIER & ASSOCIATES
Consulting Engineers

Project Name:	Linksview	**D.A. NAME**	**2501**
Project Number:	183-2687	**D.A. AREA**	**85.82**
Date:	August 19 2014		
By:	A. French		

Hydrologic Parameters: CALIB NASHYD Command
Post Development Drainage Area: Catchment 2501

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Kemble Clay Loam	Kc	D	85	72.9
Sargent gravelly sandy	Stsl	AB	15	12.9
				0.0
				0.0
Total Area				85.8

Impervious Landuses Present:												
	Roadway		Sidewalk		Driveway		Building		SWMF		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Kc		98		98		98		98		98	0	0
Stsl		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
Subtotal Area	0		0		0		0		0			

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Pasture/Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Kc	25.53	79	0.00		0.00		0.00		47.42	84	72.95	5999.89
Stsl	0.00		0.00		0.00		12.87	59	0.00		12.87	759.51
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
Subtotal Area	25.53		0.00		0.00		12.87		47.42			

Composite Area Calculations		
	Total Pervious Area	85.82
	Total Impervious Area	0
	% Impervious	0.0
	Composite Curve Number	78.8
	Total Area Check	85.82

Initial Abstraction and Tp Calculations

Initial Abstraction				Composite Curve Number								
				Kemble Clay Loam		Sargent gravelly sandy loam		0		0		
Landuse	IA (mm)	Area (ha)	A * IA	RC	Area	RC	Area	RC	Area	RC	Area	A*RC
Woodland	10	25.531	255.3	0.40	26		0		0		0	10.21
Meadow	8	0	0.0		0		0		0		0	0.00
Wetland	16	0	0.0		0		0		0		0	0.00
Pasture/Lawn	5	12.873	64.4		0	0.29	13		0		0	3.73
Cultivated	7	47.416	331.9	0.55	47		0		0		0	26.08
Impervious	2	0	0.0		0		0		0		0	0.00
Composite IA		85.82	7.6	Composite Runoff Coefficient								0.47

Time to Peak Inputs						Uplands			Bransby Williams		Airport	
Flow Path Description	Length (m)	Drop (m)	Slope (%)	$V/S^{0.5}$	Velocity (m/s)	Tc (hr)	Tp(hr)	TOTAL Tp (hr)	Tc (hr)	Tp(hr)	Tc (hr)	Tp(hr)
Pasture	140	1	0.71%	2.3	0.19	0.20	0.13	0.13	0.86	0.58	1.22	0.81
Woodland	450	6.5	1.4%	0.6	0.07	1.73	1.16	1.30				
Pasture	300	4	1.3%	2.3	0.27	0.31	0.21	1.51				
Watercourse	600	8	1.3%	4.6	0.53	0.31	0.21	1.72				

Appropriate calculated time to peak:	1.72	Appropriate Method:	Uplands

CROZIER & ASSOCIATES
Consulting Engineers

Project Name:	Linksview	**D.A. NAME**	**2502**
Project Number:	183-2687	**D.A. AREA**	**5.52**
Date:	August 19 2014		
By:	A. French		

Hydrologic Parameters: CALIB NASHYD Command
Post Development Drainage Area: Catchment 2502

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Sargent gravelly sandy	Stsl	AB	100	5.52
				0.00
				0
				0
Total Area				5.52

Impervious Landuses Present:												
	Roadway		Sidewalk		Driveway		Building		SWMF		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Stsl		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
Subtotal Area	0		0		0		0		0			

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Stsl	1.93	46	0.00		0.00		0.00		3.59	65	5.52	322.09
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
Subtotal Area	1.93		0.00		0.00		0.00		3.59			

	Composite Area Calculations	Total Pervious Area	5.52
		Total Impervious Area	0
		% Impervious	0.0
		Composite Curve Number	58.4
		Total Area Check	5.52

Initial Abstraction and Tp Calculations

Initial Abstraction				Composite Curve Number								
				Sargent gravelly		0		0		0		
Landuse	IA (mm)	Area (ha)	A * IA	RC	Area	RC	Area	RC	Area	RC	Area	A*RC
Woodland	10	1.932	19.3	0.17	2		0		0		0	0.33
Meadow	8	0	0.0		0		0		0		0	0.00
Wetland	16	0	0.0		0		0		0		0	0.00
Lawn	5	0	0.0		0		0		0		0	0.00
Cultivated	7	3.588	25.1	0.29	4		0		0		0	1.04
Impervious	2	0	0.0		0		0		0		0	0.00
Composite IA		5.52	8.1	Composite Runoff Coefficient								0.25

Time to Peak Inputs						Uplands			Bransby Williams		Airport	
Flow Path Description	Length (m)	Drop (m)	Slope (%)	$V/S^{0.5}$	Velocity (m/s)	Tc (hr)	Tp(hr)	TOTAL Tp (hr)	Tc (hr)	Tp(hr)	Tc (hr)	Tp(hr)
Cultivated	200	3.5	1.75%	2.3	0.30	0.18	0.12	0.12	0.14	0.10	0.54	0.36

Appropriate calculated time to peak:	0.54	Appropriate Method:	Airport

CROZIER & ASSOCIATES
Consulting Engineers

Project Name:	Linksview	**D.A. NAME**	**2503**
Project Number:	183-2687	**D.A. AREA**	**7.76**
Date:	August 19 2014		
By:	A. French		

Hydrologic Parameters: CALIB NASHYD Command
Post Development Drainage Area: Catchment 2503

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Harkaway	Hal	B	60	4.66
Sargent gravelly sandy	Stsl	AB	40	3.10
				0
				0
Total Area				7.76

Impervious Landuses Present:												
	Roadway		Sidewalk		Driveway		Building		SWMF		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Hal		98		98		98		98		98	0	0
Stsl		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
Subtotal Area	0		0		0		0		0			

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Hal	2.33	60	0.00		0.00		2.33	69	0.00		4.66	300.31
Stsl	0.00	46	0.00		0.00		3.10	59	0.00	65	3.10	183.14
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
Subtotal Area	2.33		0.00		0.00		5.43		0.00			

Composite Area Calculations		
	Total Pervious Area	7.76
	Total Impervious Area	0
	% Impervious	0.0
	Composite Curve Number	62.3
	Total Area Check	7.76

Initial Abstraction and Tp Calculations

Initial Abstraction				Composite Curve Number								
				Harkaway		Sargent gravelly sandy loam		0		0		
Landuse	IA (mm)	Area (ha)	A * IA	RC	Area	RC	Area	RC	Area	RC	Area	A*RC
Woodland	10	2.328	23.3	0.25	2	0.17	0		0		0	0.58
Meadow	8	0	0.0		0		0		0		0	0.00
Wetland	16	0	0.0		0		0		0		0	0.00
Lawn	5	5.432	27.2	0.28	2	0.19	3		0		0	1.24
Cultivated	7	0	0.0		0	0.29	0		0		0	0.00
Impervious	2	0	0.0		0		0		0		0	0.00
Composite IA		7.76	6.5	Composite Runoff Coefficient								0.24

Time to Peak Inputs						Uplands			Bransby Williams		Airport	
Flow Path Description	Length (m)	Drop (m)	Slope (%)	$V/S^{0.5}$	Velocity (m/s)	Tc (hr)	Tp(hr)	TOTAL Tp (hr)	Tc (hr)	Tp(hr)	Tc (hr)	Tp(hr)
Lawn	100	1.5	1.50%	2.3	0.28	0.10	0.07	0.07	0.26	0.17	0.75	0.50
Woodland	270	5	1.85%	0.6	0.08	0.92	0.62	0.68				

Appropriate calculated time to peak:	0.68	Appropriate Method:	Uplands

CROZIER & ASSOCIATES
Consulting Engineers

Project Name:	Linksview	**D.A. NAME**	**2504**
Project Number:	183-2687	**D.A. AREA**	**7.94**
Date:	August 19 2014		
By:	A. French		

Hydrologic Parameters: CALIB NASHYD Command
Post Development Drainage Area: Catchment 2504

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Tioga Sandy Loam	Tisl	A	10	0.79
Sargent gravelly sandy	Stsl	AB	90	7.15
				0.00
				0.00
				0.00
				0.00
Total Area				7.94

Impervious Landuses Present:												
	Roadway		Sidewalk		Driveway		Building		SWMF		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tisl		98		98		98		98		98	0	0
Stsl		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
Subtotal Area	0		0		0		0		0			

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tisl	0.79	32	0.00		0.00		0.00		0.00		0.79	25.41
Stsl	2.86	46	0.00		0.00		2.50	59	1.79	65	7.15	395.17
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
Subtotal Area	3.65		0.00		0.00		2.50		1.79			

Composite Area Calculations		
	Total Pervious Area	7.94
	Total Impervious Area	0
	% Impervious	0.0
	Composite Curve Number	53.0
	Total Area Check	7.94

Initial Abstraction and Tp Calculations

Initial Abstraction				Composite Curve Number								
				Tioga Sandy Loam		Sargent gravelly sandy loam		0		0		
Landuse	IA (mm)	Area (ha)	A * IA	RC	Area	RC	Area	RC	Area	RC	Area	A*RC
Woodland	10	3.65	36.5	0.08	0.79	0.17	2.86		0.00		0.00	0.55
Meadow	8	0.00	0.0		0.00		0.00		0.00		0.00	0.00
Wetland	16	0.00	0.0		0.00		0.00		0.00		0.00	0.00
Lawn	5	2.50	12.5		0.00	0.19	2.50		0.00		0.00	0.48
Cultivated	7	1.79	12.5		0.00	0.29	1.79		0.00		0.00	0.52
Impervious	2	0.00	0.0		0.00		0.00		0.00		0.00	0.00
Composite IA		7.94	7.8	Composite Runoff Coefficient								0.19

Time to Peak Inputs						Uplands			Bransby Williams		Airport	
Flow Path Description	Length (m)	Drop (m)	Slope (%)	$V/S^{0.5}$	Velocity (m/s)	Tc (hr)	Tp(hr)	TOTAL Tp (hr)	Tc (hr)	Tp(hr)	Tc (hr)	Tp(hr)
Lawn	140	3	2.14%	2.3	0.34	0.12	0.08	0.08	0.25	0.17	0.82	0.55
Watercourse	210	2	1%	4.6	0.45	0.13	0.09	0.16				

Appropriate calculated time to peak:	0.55	Appropriate Method:	Airport

CROZIER & ASSOCIATES
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Project Name:	Linksview	**D.A. NAME**	**2505**
Project Number:	183-2687	**D.A. AREA**	**6.99**
Date:	August 19 2014		
By:	A. French		

Hydrologic Parameters: CALIB NASHYD Command
Post Development Drainage Area: Catchment 2505

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Harkaway	Hal	B	25	1.75
				0.00
Tioga Fine Sandy Loam	Tif	A	75	5.24
				0.00
Total Area				6.99

Impervious Landuses Present:												
	Roadway		Sidewalk		Driveway		Building		SWMF		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Hal		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
Tif		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
Subtotal Area	0		0		0		0		0			

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Hal	0.00		0.00		0.00		1.75	69	0.00		1.75	120.58
0	0.00		0.00		0.00		0.00		0.00	65	0.00	0.00
Tif	0.00		0.00		0.00		5.24	49	0.00	58	5.24	256.88
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
Subtotal Area	0.00		0.00		0.00		6.99		0.00			

Composite Area Calculations	Total Pervious Area	6.99	
	Total Impervious Area	0.00	
	% Impervious	0.00	
	Composite Curve Number	54.00	
	Total Area Check	6.99	

Initial Abstraction and Tp Calculations

Initial Abstraction				Composite Curve Number								
				Harkaway		0		Tioga Fine Sandy		0		
Landuse	IA (mm)	Area (ha)	A * IA	RC	Area	RC	Area	RC	Area	RC	Area	A*RC
Woodland	10	0.00	0.0		0.00		0.00		0.00		0.00	0.00
Meadow	8	0.00	0.0		0.00		0.00		0.00		0.00	0.00
Wetland	16	0.00	0.0		0.00		0.00		0.00		0.00	0.00
Lawn	5	6.99	35.0	0.28	1.75		0.00	0.10	5.24		0.00	1.01
Cultivated	7	0.00	0.0		0.00	0.29	0.00	0.22	0.00		0.00	0.00
Impervious	2	0.00	0.0		0.00		0.00		0.00		0.00	0.00
Composite IA		6.99	5.0	Composite Runoff Coefficient								0.15

Time to Peak Inputs						Uplands			Bransby Williams		Airport	
Flow Path Description	Length (m)	Drop (m)	Slope (%)	$V/S^{0.5}$	Velocity (m/s)	Tc (hr)	Tp(hr)	TOTAL Tp (hr)	Tc (hr)	Tp(hr)	Tc (hr)	Tp(hr)
Lawn	350	3.5	1.00%	2.3	0.23	0.42	0.28	0.28	0.27	0.18	0.97	0.65

Appropriate calculated time to peak:	0.65	Appropriate Method:	Airport

CROZIER & ASSOCIATES
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Project Name:	Linksview	**D.A. NAME**	**2506**
Project Number:	183-2687	**D.A. AREA**	**2.50**
Date:	August 19 2014		
By:	A. French		

Hydrologic Parameters: CALIB NASHYD Command
Post Development Drainage Area: Catchment 2506

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Tioga Fine Sandy Loam	Tif	A	100	2.50
				0.00
				0.00
				0.00
Total Area				2.5

Impervious Landuses Present:												
	Roadway		Sidewalk		Driveway		Building		SWMF		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
Subtotal Area	0		0		0		0		0			

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif	0.00		0.00		0.00		2.50	49	0.00	58	2.50	122.50
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
Subtotal Area	0.00		0.00		0.00		2.50		0.00			

Composite Area Calculations		
	Total Pervious Area	2.5
	Total Impervious Area	0
	% Impervious	0.0
	Composite Curve Number	49.0
	Total Area Check	2.5

Initial Abstraction and Tp Calculations

Initial Abstraction				Composite Curve Number								
				Tioga Fine Sandy		0		0		0		
Landuse	IA (mm)	Area (ha)	A * IA	RC	Area	RC	Area	RC	Area	RC	Area	A*RC
Woodland	10	0.00	0.0		0		0		0		0	0.00
Meadow	8	0.00	0.0		0		0		0		0	0.00
Wetland	16	0.00	0.0		0		0		0		0	0.00
Lawn	5	2.50	12.5	0.10	3		0		0		0	0.25
Cultivated	7	0.00	0.0	0.22	0		0		0		0	0.00
Impervious	2	0.00	0.0		0		0		0		0	0.00
Composite IA		2.50	5.0	Composite Runoff Coefficient								0.10

Time to Peak Inputs						Uplands			Bransby Williams		Airport	
Flow Path Description	Length (m)	Drop (m)	Slope (%)	$V/S^{0.5}$	Velocity (m/s)	Tc (hr)	Tp(hr)	TOTAL Tp (hr)	Tc (hr)	Tp(hr)	Tc (hr)	Tp(hr)
Lawn	180	3	1.67%	2.3	0.30	0.17	0.11	0.11	0.14	0.09	0.62	0.41

Appropriate calculated time to peak:	0.41	Appropriate Method:	Airport

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Project Name:	Linksview	**D.A. NAME**	**2507**
Project Number:	183-2687	**D.A. AREA**	**5.22**
Date:	August 19 2014		
By:	A. French		

Hydrologic Parameters: CALIB NASHYD Command
Post Development Drainage Area: Catchment 2507

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Tioga Fine Sandy Loam	Tif	A	100	5.22
				0.00
				0.00
				0.00
Total Area				5.22

Impervious Landuses Present:												
	Roadway		Sidewalk		Driveway		Building		SWMF		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
Subtotal Area	0		0		0		0		0			

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif	0.00		0.00		0.00		5.22	49	0.00		5.22	255.78
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
Subtotal Area	0.00		0.00		0.00		5.22		0.00			

Composite Area Calculations		
	Total Pervious Area	5.22
	Total Impervious Area	0
	% Impervious	0.0
	Composite Curve Number	49.0
	Total Area Check	5.22

Initial Abstraction and Tp Calculations

Initial Abstraction				Composite Curve Number								
				Tioga Fine Sandy		0		0		0		
Landuse	IA (mm)	Area (ha)	A * IA	RC	Area	RC	Area	RC	Area	RC	Area	A*RC
Woodland	10	0	0		0		0		0		0	0.00
Meadow	8	0	0		0		0		0		0	0.00
Wetland	16	0	0		0		0		0		0	0.00
Lawn	5	5.22	26.1	0.10	5		0		0		0	0.52
Cultivated	7	0	0		0		0		0		0	0.00
Impervious	2	0	0		0		0		0		0	0.00
Composite IA		5.22	5	Composite Runoff Coefficient								0.10

Time to Peak Inputs						Uplands			Bransby Williams		Airport	
Flow Path Description	Length (m)	Drop (m)	Slope (%)	$V/S^{0.5}$	Velocity (m/s)	Tc (hr)	Tp(hr)	TOTAL Tp (hr)	Tc (hr)	Tp(hr)	Tc (hr)	Tp(hr)
Lawn	200	5	2.50%	2.3	0.36	0.15	0.10	0.10	0.25	0.16	0.81	0.54
Watercourse	150	2	1.33%	4.6	0.53	0.08	0.05	0.15				

Appropriate calculated time to peak:	0.54	Appropriate Method:	Airport

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Project Name:	Linksview	**D.A. NAME**	**2508**
Project Number:	183-2687	**D.A. AREA**	**7.46**
Date:	August 19 2014		
By:	A. French		

Hydrologic Parameters: CALIB NASHYD Command
Post Development Drainage Area: Catchment 2508

Curve Number Calculation

Soil Types Present:

Type	ID	Hydrologic Group	% Area	Area
Tioga Fine Sandy Loam	Tif	A	90	6.71
Percy Fine Sandy Loam	Pfs	B	10	0.75
				0.00
				0.00
Total Area				7.46

Impervious Landuses Present:

Soils	Roadway Area (ha)	CN	Sidewalk Area (ha)	CN	Driveway Area (ha)	CN	Building Area (ha)	CN	SWMF Area (ha)	CN	Subtotals Area	A*CN
Tif		98		98		98		98		98	0	0
Pfs		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
Subtotal Area	0		0		0		0		0			

Pervious Landuses Present:

Soils	Woodland Area (ha)	CN	Meadow Area (ha)	CN	Wetland Area (ha)	CN	Lawn Area (ha)	CN	Cultivated Area (ha)	CN	Subtotals Area	A*CN
Tif	0.00		0.00		0.00		6.71	49	0.00	58	6.71	328.99
Pfs	0.00		0.00		0.00		0.75	59	0.00		0.75	44.01
0	0.00		0.00		0.00		0.00		0.00	65	0.00	0.00
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
Subtotal Area	0.00		0.00		0.00		7.46		0.00			

Composite Area Calculations		
	Total Pervious Area	7.46
	Total Impervious Area	0
	% Impervious	0.0
	Composite Curve Number	50.0
	Total Area Check	7.46

Initial Abstraction and Tp Calculations

Initial Abstraction				Composite Curve Number								
				Tioga Fine Sandy		Percy Fine Sandy Loam		0		0		
Landuse	IA (mm)	Area (ha)	A * IA	RC	Area	RC	Area	RC	Area	RC	Area	A*RC
Woodland	10	0.00	0.0		0.00		0.00		0.00		0.00	0.00
Meadow	8	0.00	0.0		0.00		0.00		0.00		0.00	0.00
Wetland	16	0.00	0.0		0.00		0.00		0.00		0.00	0.00
Lawn	5	7.46	37.3	0.10	6.71	0.28	0.75		0.00		0.00	0.88
Cultivated	7	0.00	0.0	0.22	0.00		0.00	0.29	0.00		0.00	0.00
Impervious	2	0.00	0.0		0.00		0.00		0.00		0.00	0.00
Composite IA		7.46	5.0	Composite Runoff Coefficient								0.12

Time to Peak Inputs						Uplands			Bransby Williams		Airport	
Flow Path Description	Length (m)	Drop (m)	Slope (%)	$V/S^{0.5}$	Velocity (m/s)	Tc (hr)	Tp(hr)	TOTAL Tp (hr)	Tc (hr)	Tp(hr)	Tc (hr)	Tp(hr)
Lawn	400	6	1.50%	2.3	0.28	0.39	0.26	0.26	0.29	0.19	0.93	0.63

Appropriate calculated time to peak:	0.63	Appropriate Method:	Airport

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Project Name:	Linksview	**D.A. NAME**	**2509**
Project Number:	183-2687	**D.A. AREA**	**5.30**
Date:	August 19 2014		
By:	A. French		

Hydrologic Parameters: CALIB NASHYD Command
Post Development Drainage Area: Catchment 2509

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Sargent gravelly sandy	Stsl	AB	100	5.30
				0.00
				0.00
				0.00
Total Area				5.3

Impervious Landuses Present:												
	Roadway		Sidewalk		Driveway		Building		SWMF		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Stsl		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
Subtotal Area	0		0		0		0		0			

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Stsl	0.00		0.00		0.00		0.00		5.30	59	5.30	312.70
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
Subtotal Area	0.00		0.00		0.00		0.00		5.30			

Composite Area Calculations	Total Pervious Area	5.3	
	Total Impervious Area	0	
	% Impervious	0.0	
	Composite Curve Number	59.0	
	Total Area Check	5.3	

Initial Abstraction and Tp Calculations

Initial Abstraction				Composite Curve Number								
				Sargent gravelly		0		0		0		
Landuse	IA (mm)	Area (ha)	A * IA	RC	Area	RC	Area	RC	Area	RC	Area	A*RC
Woodland	10	0.00	0.0		0.00		0.00		0.00		0.00	0.00
Meadow	8	0.00	0.0		0.00		0.00		0.00		0.00	0.00
Wetland	16	0.00	0.0		0.00		0.00		0.00		0.00	0.00
Lawn	5	0.00	0.0		0.00		0.00		0.00		0.00	0.00
Cultivated	7	5.30	37.1	0.29	5.30		0.00		0.00		0.00	1.54
Impervious	2	0.00	0.0		0.00		0.00		0.00		0.00	0.00
Composite IA		5.3	7.0	Composite Runoff Coefficient								0.29

Time to Peak Inputs						Uplands			Bransby Williams		Airport	
Flow Path Description	Length (m)	Drop (m)	Slope (%)	$V/S^{0.5}$	Velocity (m/s)	Tc (hr)	Tp(hr)	TOTAL Tp (hr)	Tc (hr)	Tp(hr)	Tc (hr)	Tp(hr)
Cultivated	250	7	2.80%	2.7	0.45	0.15	0.10	0.10	0.16	0.11	0.50	0.33

Appropriate calculated time to peak:	0.33	Appropriate Method:	Airport

CROZIER & ASSOCIATES
Consulting Engineers

Project Name:	Linksview	**D.A. NAME**	**2601**
Project Number:	183-2687	**D.A. AREA (ha)**	**0.25**
Date:	19-Aug-14		
By:	A. French		

Hydrologic Parameters: STANDHYD Command
Post Development Drainage Area: 2601 (10th Line)

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Tioga Fine sandy Loam	Tif	A	100	0.247
				0
				0
				0
Total Area Check				0.247

Impervious Landuses Present:												
	Roadway		Apartment		Driveway		Building		SWMF		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif	0.157	98		98	0	98	0	98		98	0.157	15.36
0		98		98	0	98	0	98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
Subtotal Area	0.157		0		0		0		0			

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif	0		0		0		0.09025	49	0		0.0903	4.4223
0	0		0		0		0		0		0	0
0	0		0		0		0		0		0	0
0	0		0		0		0		0		0	0
Subtotal Area	0		0		0		0.09025		0			

	Pervious Area Calculations	Total Pervious Area	0.09
		Composite Pervious Curve Number	49
	Impervious Area Calculations	Total Directly Connected Area	0.16
		Total Indirectly Connected Area	0
		Total Impervious Area	0.16
		% X imp	63.5
		% T imp	63.5
		Total Area Check	0.247

Initial Abstraction and Flow Path Calculations

Landuse	IA (mm)	Area (ha)	A * IA
Woodland	10	0	0
Meadow	8	0	0
Wetland	16	0	0
Lawn	5	0.09	0.45
Cultivated	7	0	0

Land Use	IA (mm)	Slope (%)	Travel Length (m)	Manning's n
Pervious	5.0	2	3	0.25
Impervious	2.0	0.5	48	0.013

CROZIER & ASSOCIATES
Consulting Engineers

Project Name:	Linksview	**D.A. NAME**	**2602**
Project Number:	183-2687	**D.A. AREA (ha)**	**1.30**
Date:	19-Aug-14		
By:	A. French		

Hydrologic Parameters: STANDHYD Command
Post Development Drainage Area: 2602 (10th Line)

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Tioga Fine sandy Loam	Tif	A	100	1.3
				0
				0
				0
Total Area Check				1.3

Impervious Landuses Present:												
	Roadway		Apartment		Driveway		Building		SWMF		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif	0.825	98		98	0	98	0	98		98	0.825	80.85
0		98		98	0	98	0	98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
Subtotal Area	0.825		0		0		0		0			

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif	0		0		0		0.475	49	0		0.475	23.275
0	0		0		0		0		0		0	0
0	0		0		0		0		0		0	0
0	0		0		0		0		0		0	0
Subtotal Area	0		0		0		0.475		0			

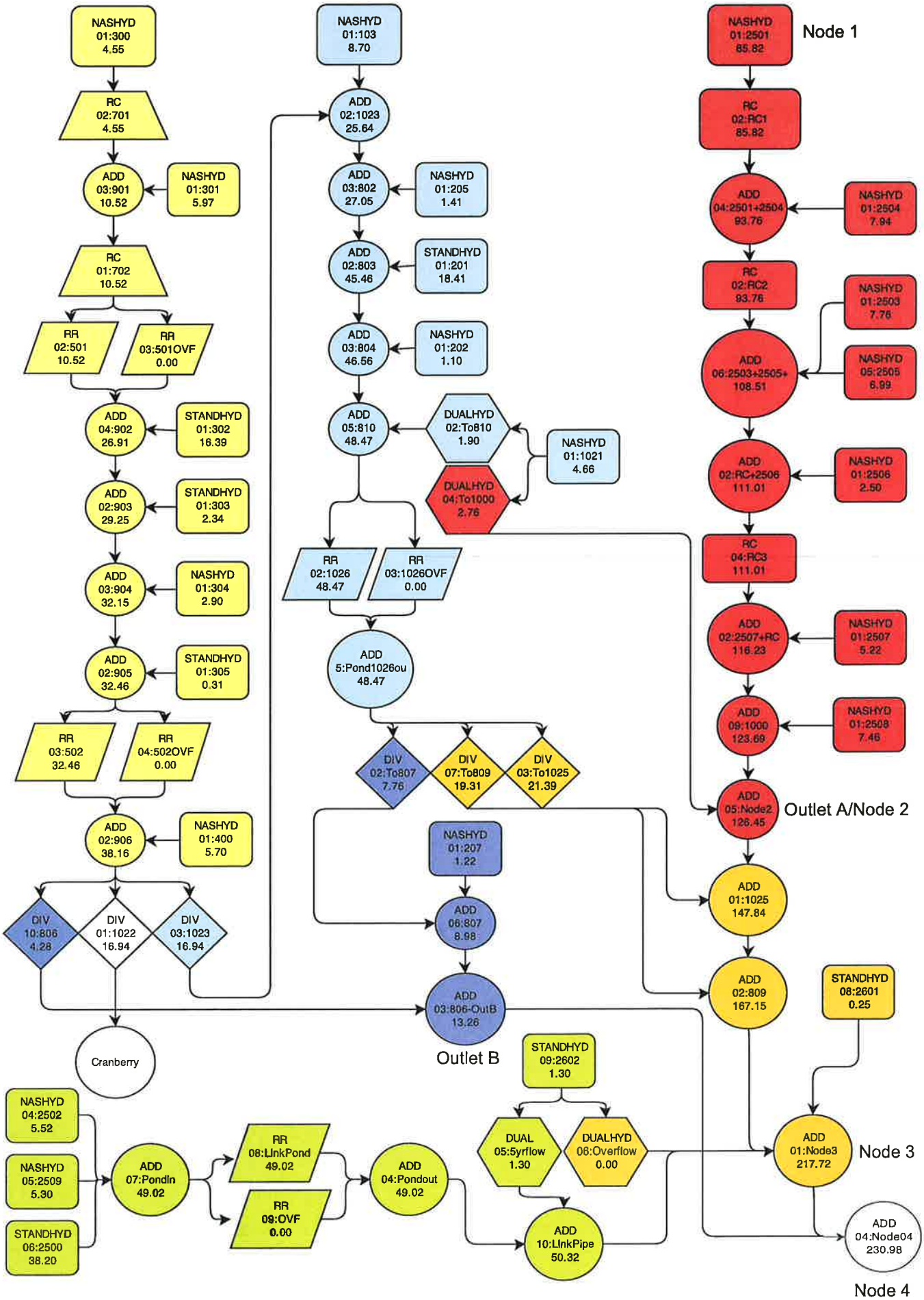
	Pervious Area Calculations	Total Pervious Area	0.48
		Composite Pervious Curve Number	49
	Impervious Area Calculations	Total Directly Connected Area	0.83
		Total Indirectly Connected Area	0
		Total Impervious Area	0.83
		% X imp	63.5
		% T imp	63.5
		Total Area Check	1.3

Initial Abstraction and Flow Path Calculations

Landuse	IA (mm)	Area (ha)	A * IA
Woodland	10	0	0
Meadow	8	0	0
Wetland	16	0	0
Lawn	5	0.48	2.38
Cultivated	7	0	0

Land Use	IA (mm)	Slope (%)	Travel Length (m)	Manning's n
Pervious	5.0	2	500	0.25
Impervious	2.0	0.5	500	0.013

Post-Development Model



POST DEVELOPMENT


```
00001> ********************************************************************************
00002>
00003>    SSSSS   W    W   M    M   H    H   Y    Y   M    M    OOO          999    999          ==========
00004>    S       W    W   MM  MM   H    H    Y  Y    MM  MM   O   O        9   9  9   9         ==========
00005>    SSSSS   W  W  W   M MM M   HHHHHH     Y     M MM M   O   O   ##   9   9  9   9   Ver  4.05
00006>        S   W W W W   M    M   H    H     Y     M    M   O   O         9999   9999    Sept 2011
00007>    SSSSS    W   W    M    M   H    H     Y     M    M    OOO            9      9      ==========
00008>                                                                      9   9  9   9   # 3737016
00009>          StormWater Management HYdrologic Model                      999    999      ==========
00010>
00011> ********************************************************************************
00012> ************************** SWMHYMO Ver/4.05 ***************************************
00013> *********  A single event and continuous hydrologic simulation model  *********
00014> *********     based on the principles of HYMO and its successors      *********
00015> *********                OTTHYMO-83 and OTTHYMO-89.                   *********
00016> ********************************************************************************
00017> *********  Distributed by:  J.F. Sabourin and Associates Inc.          *********
00018> *********                   Ottawa,  Ontario: (613) 836-3884           *********
00019> *********                   Gatineau, Quebec: (819) 243-6858           *********
00020> *********                   E-Mail: swmhymo@jfsa.com                   *********
00021> ********************************************************************************
00022>
00023> ********************************************************************************
00024> +++++++++ Licensed user: C.F. Crozier & Associates Inc                 +++++++++
00025> +++++++++                 Collingwood          SERIAL#:3737016        +++++++++
00026> ********************************************************************************
00027>
00028> ********************************************************************************
00029> *********          ++++++ PROGRAM ARRAY DIMENSIONS ++++++              *********
00030> *********          Maximum value for ID numbers  :    10              *********
00031> *********          Max. number of rainfall points: 105408             *********
00032> *********          Max. number of flow points    : 105408             *********
00033> ********************************************************************************
00034>
00035> ***** DESCRIPTION SUMMARY TABLE HEADERS (units depend on METOUT in START) *****
00036> *****-------------------------------------------------------------------*****
00037> *****    ID:  Hydrograph IDentification numbers, (1-10).                *****
00038> *****  NHYD:  Hydrograph reference numbers, (6 digits or characters).   *****
00039> *****  AREA:  Drainage area associated with hydrograph, (ac.) or (ha.).*****
00040> ***** QPEAK:  Peak flow of simulated hydrograph, (ft^3/s) or (m^3/s).   *****
00041> *****  TpeakDate_hh:mm is the date and time of the peak flow.           *****
00042> *****  R.V.:  Runoff Volume of simulated hydrograph, (in) or (mm).      *****
00043> *****  R.C.:  Runoff Coefficient of simulated hydrograph, (ratio).      *****
00044> *****    *:  see WARNING or NOTE message printed at end of run.         *****
00045> *****   **:  see  ERROR  message printed at end of run.                 *****
00046> ********************************************************************************
00047> ********************************************************************************
00048>
00049> ::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
00050>
00051> ********************************************************************************
00052>
00053> **********************  S U M M A R Y   O U T P U T  **************************
00054> ********************************************************************************
00055> *         DATE: 2014-10-17      TIME: 13:50:27      RUN COUNTER: 000376         *
00056> ********************************************************************************
00057> * Input   filename: C:\1POSTW~1.10\PostDev1.dat                                 *
00058> * Output  filename: C:\1POSTW~1.10\PostDev1.out                                 *
00059> * Summary filename: C:\1POSTW~1.10\PostDev1.sum                                 *
00060> * User comments:                                                               *
00061> * 1: ___________________________________________________________________       *
00062> * 2: ___________________________________________________________________       *
00063> * 3: ___________________________________________________________________       *
00064> ********************************************************************************
00065>
00066>
00067> #*******************************************************************************
00068> #  Project Name: [Linksview Post-Development]  Project Number: [183-2687]
00069> #  Date       : 2014 08 22
00070> #  Modified   :
00071> #  Modeller   : [A.French]
00072> #  Company    : C.F. Crozier & Associates Inc.
00073> #  License #  :  3737016
00074> #*******************************************************************************
00075>  RUN:COMMAND#
00076>  001:0001----------------------------------------------------------------------
00077>      START
00078>       [TZERO =    .00 hrs on        0]
00079>       [METOUT=   2    (1=imperial, 2=metric output)]
00080>       [NSTORM=   1 ]
00081>       [NRUN  =   1 ]
00082> #*******************************************************************************
00083>  001:0002----------------------------------------------------------------------
00084>      READ STORM
00085>       Filename = STORM.001
00086>       Comment  =
00087>       [SDT= 5.00:SDUR=   4.00:PTOT=  24.99]
00088> #             MAIR MILLS ESTATES AND CONTRIBUTING AREAS
00089>  001:0003----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00090>      CALIB NASHYD       01:300              4.55      .019 No_date    2:25    3.23
00091>       [CN= 71.0: N= 3.00]
00092>       [Tp=  .74:DT= 1.00]
00093>  001:0004----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00094>      ROUTE CHANNEL   -> 01:300              4.55      .019 No_date    2:25    3.23
00095>       [RDT= 1.00] out<- 02:701              4.55      .011 No_date    3:22    3.23
00096>       [L/S/n=  450./ .050/.040]
00097>       [Vmax=  .100:Dmax=  .074]
00098>  001:0005----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00099>      CALIB NASHYD       01:301              5.97      .027 No_date    2:16    3.23
00100>       [CN= 71.0: N= 3.00]
00101>       [Tp=  .63:DT= 1.00]
00102>  001:0006----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00103>      ADD HYD            01:301              5.97      .027 No_date    2:16    3.23
00104>                       + 02:701              4.55      .011 No_date    3:22    3.23
00105>       [DT= 1.00]  SUM=  03:901             10.52      .034 No_date    2:27    3.23
00106>  001:0007----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00107>      ROUTE CHANNEL   -> 03:901             10.52      .034 No_date    2:27    3.23
00108>       [RDT= 1.00] out<- 01:702             10.52      .021 No_date    3:27    3.23
00109>       [L/S/n=  300./ .050/.060]
00110>       [Vmax=  .065:Dmax=  .172]
00111>  001:0008----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00112>      ROUTE RESERVOIR -> 01:702            10.52      .021 No_date    3:27    3.23
00113>       [RDT= 1.00] out<- 02:501             10.52      .021 No_date    3:39    3.23
00114>             overflow <= 03:501OVF           .00      .000 No_date    0:00     .00
00115>       (MxStoUsed=.1044E-02, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00116>  001:0009----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00117>      CALIB STANDHYD     01:302             16.39      .295 No_date    1:33    7.63
00118>       [XIMP=.20:TIMP=.40]
00119>       [LOSS= 2 :CN= 65.2]
00120>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
00121>       [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=   .0]
00122>  001:0010----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00123>      ADD HYD            01:302             16.39      .295 No_date    1:33    7.63
00124>                       + 02:501             10.52      .021 No_date    3:39    3.23
00125>                       + 03:501OVF           .00      .000 No_date    0:00     .00
00126>       [DT= 1.00]  SUM=  04:902             26.91      .295 No_date    1:33    5.91
00127>  001:0011----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00128>      CALIB STANDHYD     01:303              2.34      .072 No_date    1:25    9.01
00129>       [XIMP=.25:TIMP=.50]
00130>       [LOSS= 2 :CN= 65.2]
00131>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
00132>       [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=   .0]
00133>  001:0012----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00134>      ADD HYD            01:303              2.34      .072 No_date    1:25    9.01
00135>                       + 04:902             26.91      .295 No_date    1:33    5.91
00136>       [DT= 1.00]  SUM=  02:903             29.25      .352 No_date    1:32    6.16
00137>  001:0013----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00138>      CALIB NASHYD       01:304              2.90      .018 No_date    1:46    2.71
00139>       [CN= 66.6: N= 3.00]
00140>       [Tp=  .28:DT= 1.00]
00141>  001:0014----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00142>      ADD HYD            01:304              2.90      .018 No_date    1:46    2.71
00143>                       + 02:903             29.25      .352 No_date    1:32    6.16
00144>       [DT= 1.00]  SUM=  03:904             32.15      .364 No_date    1:32    5.85
00145>  001:0015----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00146>      CALIB STANDHYD     01:305               .31      .013 No_date    1:20    6.75
00147>       [XIMP=.20:TIMP=.20]
00148>       [LOSS= 2 :CN= 65.2]
00149>       [Pervious     area: IAper= 5.00:SLPP=  .50:LGP= 100.:MNP=.250:SCP=   .0]
00150>       [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
00151>  001:0016----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00152>      ADD HYD            01:305               .31      .013 No_date    1:20    6.75
00153>                       + 03:904             32.15      .364 No_date    1:32    5.85
00154>       [DT= 1.00]  SUM=  02:905             32.46      .366 No_date    1:32    5.86
00155> #                      MAIR MILLS ESTATES SWM FACILITY
00156>  001:0017----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00157>      ROUTE RESERVOIR -> 02:905            32.46      .366 No_date    1:32    5.86
00158>       [RDT= 1.00] out<- 03:502            32.46      .013 No_date    5:35    5.86
00159>             overflow <= 04:502OVF          .00      .000 No_date    0:00     .00
00160>       (MxStoUsed=.1590E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00161>  001:0018----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00162>      CALIB NASHYD       01:400              5.70      .006 No_date    2:36     .84
00163>       [CN= 50.2: N= 3.00]
00164>       [Tp=  .70:DT= 1.00]
00165>  001:0019----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00166>      ADD HYD            01:400              5.70      .006 No_date    2:36     .84
00167>                       + 03:502            32.46      .013 No_date    5:35    5.86
00168>                       + 04:502OVF          .00      .000 No_date    0:00     .00
00169>       [DT= 1.00]  SUM=  02:906             38.16      .016 No_date    3:06    5.11
00170> #        FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
00171>  001:0020----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00172>      DIVERT HYD      -> 02:906            38.16      .016 No_date    3:06    5.11
00173>                diverted <= 10:To806       38.16      .016 No_date    3:06    5.11
00174>                diverted <= 03:To1023        .00      .000 No_date    0:00     .00
00175>                diverted <= 01:To1022        .00      .000 No_date    0:00     .00
00176> #                    TAYLOR"S CREEK UPSTREAM CATCHMENT AREAS
00177> #                                  FLOW AT NODE 1
00178>  001:0021----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00179>      CALIB NASHYD       01:2501            85.82      .217 No_date    3:55    3.53
00180>       [CN= 78.8: N= 3.00]
00181>       [Tp= 1.72:DT= 1.00]
00182>  001:0022----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00183>      ROUTE CHANNEL   -> 01:2501            85.82      .217 No_date    3:55    3.53
00184>       [RDT= 1.00] out<- 02:RC1             85.82      .216 No_date    4:00    3.53
00185>       [L/S/n=  350./1.500/.030]
00186>       [Vmax= 1.146:Dmax=  .513]
00187>  001:0023----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00188>      CALIB NASHYD       01:2504             7.94      .014 No_date    2:15    1.23
00189>       [CN= 53.0: N= 3.00]
00190>       [Tp=  .55:DT= 1.00]
00191>  001:0024----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00192>      ADD HYD            01:2504             7.94      .014 No_date    2:15    1.23
00193>                       + 02:RC1             85.82      .216 No_date    4:00    3.53
00194>       [DT= 1.00]  SUM=  04:2501+2504       93.76      .222 No_date    3:57    3.33
00195>  001:0025----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00196>      ROUTE CHANNEL   -> 04:2501+2504       93.76      .222 No_date    3:57    3.33
00197>       [RDT= 1.00] out<- 02:RC2             93.76      .221 No_date    4:02    3.33
00198>       [L/S/n=  425./1.250/.030]
00199>       [Vmax= 1.088:Dmax=  .448]
00200>  001:0026----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00201>      CALIB NASHYD       01:2503             7.76      .020 No_date    2:24    1.99
00202>       [CN= 62.3: N= 3.00]
00203>       [Tp=  .68:DT= 1.00]
00204>  001:0027----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00205>      CALIB NASHYD       05:2505             6.99      .016 No_date    2:18    1.69
00206>       [CN= 54.0: N= 3.00]
00207>       [Tp=  .65:DT= 1.00]
00208>  001:0028----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00209>      ADD HYD            01:2503             7.76      .020 No_date    2:24    1.99
00210>                       + 02:RC2             93.76      .221 No_date    4:02    3.33
00211>                       + 05:2505            6.99      .016 No_date    2:18    1.69
00212>       [DT= 1.00]  SUM=  06:2503+2505+    108.51      .237 No_date    3:56    3.13
00213>  001:0029----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00214>      CALIB NASHYD       01:2506             2.50      .006 No_date    1:58    1.41
00215>       [CN= 49.0: N= 3.00]
00216>       [Tp=  .41:DT= 1.00]
00217>  001:0030----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00218>      ADD HYD            01:2506             2.50      .006 No_date    1:58    1.41
00219>                       + 06:2503+2505+    108.51      .237 No_date    3:56    3.13
00220>       [DT= 1.00]  SUM=  02:RC+2506        111.01      .238 No_date    3:56    3.09
00221>  001:0031----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00222>      ROUTE CHANNEL   -> 02:RC+2506        111.01      .238 No_date    3:56    3.09
00223>       [RDT= 1.00] out<- 04:RC3            111.01      .238 No_date    3:57    3.09
00224>       [L/S/n=  200./1.000/.030]
00225>       [Vmax= 1.013:Dmax=  .478]
00226>  001:0032----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00227>      CALIB NASHYD       01:2507             5.22      .011 No_date    2:09    1.41
00228>       [CN= 49.0: N= 3.00]
00229>       [Tp=  .54:DT= 1.00]
00230>  001:0033----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00231>      ADD HYD            01:2507             5.22      .011 No_date    2:09    1.41
00232>                       + 04:RC3            111.01      .238 No_date    3:57    3.09
00233>       [DT= 1.00]  SUM=  02:2507+RC        116.23      .242 No_date    3:57    3.02
00234>  001:0034----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00235>      CALIB NASHYD       01:2508             7.46      .015 No_date    2:17    1.46
00236>       [CN= 50.0: N= 3.00]
00237>       [Tp=  .63:DT= 1.00]
00238>  001:0035----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00239>      ADD HYD            01:2508             7.46      .015 No_date    2:17    1.46
00240>                       + 02:2507+RC        116.23      .242 No_date    3:57    3.02
00241>       [DT= 1.00]  SUM=  09:1000            123.69      .248 No_date    3:51    2.92
00242> #                MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
00243>  001:0036----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00244>      CALIB NASHYD       01:103              8.70      .022 No_date    2:07    1.62
00245>       [CN= 59.2: N= 3.00]
00246>       [Tp=  .48:DT= 1.00]
00247>  001:0037----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00248>      ADD HYD            01:103              8.70      .022 No_date    2:07    1.62
00249>                       + 03:To1023           .00      .000 No_date    0:00     .00
00250>       [DT= 1.00]  SUM=  02:1023            8.70      .022 No_date    2:07    1.62
00251>  001:0038----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00252>      CALIB NASHYD       01:205              1.41      .004 No_date    1:41    1.20
00253>       [CN= 51.1: N= 3.00]
00254>       [Tp=  .20:DT= 1.00]
00255>  001:0039----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00256>      ADD HYD            01:205              1.41      .004 No_date    1:41    1.20
00257>                       + 02:1023            8.70      .022 No_date    2:07    1.62
00258>       [DT= 1.00]  SUM=  03:802            10.11      .024 No_date    2:04    1.56
00259>  001:0040----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00260>      CALIB STANDHYD     01:201              18.41     1.223 No_date    1:22   11.37
00261>       [XIMP=.43:TIMP=.56]
00262>       [LOSS= 2 :CN= 49.0]
00263>       [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
00264>       [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
00265>  001:0041----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00266>      ADD HYD            01:201              18.41     1.223 No_date    1:22   11.37
00267>                       + 03:802            10.11      .024 No_date    2:04    1.56
00268>       [DT= 1.00]  SUM=  02:803            28.52     1.224 No_date    1:22    7.89
00269>  001:0042----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00270>      CALIB NASHYD       01:202              1.10      .001 No_date    2:00     .64
```

25 mm

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00271>       [CN= 55.0: N= 3.00]
00272>       [Tp=  .25:DT= 1.00]
00273>  001:0043----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00274>       ADD HYD            01:202              1.10     .001 No_date    2:00     .64
00275>                        + 02:803             28.52    1.224 No_date    1:22    7.89
00276>         [DT= 1.00]  SUM=  03:804             29.62    1.224 No_date    1:22    7.62
00277>  001:0044----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00278>       CALIB NASHYD       01:1021              4.66     .009 No_date    2:32    1.61
00279>         [CN= 55.3: N= 3.00]
00280>         [Tp=  .78:DT= 1.00]
00281>  001:0045----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00282>       COMPUTE DUALHYD     01:1021              4.66     .009 No_date    2:32    1.61
00283>          Major System /  04:To1000             .00     .000 No_date    0:00     .00
00284>          Minor System \  02:To810              4.66     .009 No_date    2:32    1.61
00285>  001:0046----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00286>       ADD HYD            02:To810             4.66     .009 No_date    2:32    1.61
00287>                        + 03:804              29.62    1.224 No_date    1:22    7.62
00288>         [DT= 1.00]  SUM=  05:810              34.28    1.224 No_date    1:22    6.80
00289> #                        MAIR MILLS VILLAGE SWMF
00290>  001:0047----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00291>       ROUTE RESERVOIR -> 05:810            34.28    1.224 No_date    1:22    6.80
00292>         [RDT= 1.00] out<- 02:1026          34.28     .023 No_date    4:10    6.80
00293>                   overflow <= 03:10260VF      .00     .000 No_date    0:00     .00
00294>       {MxStoUsed=.2099E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00295>  001:0048----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00296>       ADD HYD            02:1026            34.28     .023 No_date    4:10    6.80
00297>                        + 03:10260VF          .00     .000 No_date    0:00     .00
00298>         [DT= 1.00]  SUM=  05:Pond1026ou      34.28     .023 No_date    4:10    6.80
00299> #                  TENTH LINE DITCH FLOW SPLIT (OUTLETS A AND B)
00300>  001:0049----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00301>       DIVERT HYD      -> 05:Pond1026ou    34.28     .023 No_date    4:10    6.80
00302>                  diverted <= 02:To807      34.28     .023 No_date    4:10    6.80
00303>                  diverted <= 07:To809        .00     .000 No_date    0:00     .00
00304>                  diverted <= 03:To1025       .00     .000 No_date    0:00     .00
00305> #                        FLOWS TO OUTLET A/ NODE 2(UPSTREAM OF TENTH LINE)
00306>  001:0050----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00307>       ADD HYD            09:1000           123.69     .248 No_date    3:51    2.92
00308>                        + 04:To1000           .00     .000 No_date    0:00     .00
00309>         [DT= 1.00]  SUM=  05:Node 2         123.69     .248 No_date    3:51    2.92
00310> #                              FLOWS TO OUTLET B
00311>  001:0051----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00312>       CALIB NASHYD       01:207               1.22     .006 No_date    1:33    1.61
00313>         [CN= 55.3: N= 3.00]
00314>         [Tp=  .13:DT= 1.00]
00315>  001:0052----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00316>       ADD HYD            01:207               1.22     .006 No_date    1:33    1.61
00317>                        + 02:To807            34.28     .023 No_date    4:10    6.80
00318>         [DT= 1.00]  SUM=  06:807              35.50     .023 No_date    4:01    6.63
00319>  001:0053----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00320>       ADD HYD            03:To1025             .00     .000 No_date    0:00     .00
00321>                        + 05:Node 2         123.69     .248 No_date    3:51    2.92
00322>         [DT= 1.00]  SUM=  01:1025           123.69     .248 No_date    3:51    2.92
00323>  001:0054----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00324>       ADD HYD            07:To809              .00     .000 No_date    0:00     .00
00325>                        + 01:1025           123.69     .248 No_date    3:51    2.92
00326>         [DT= 1.00]  SUM=  02:809            123.69     .248 No_date    3:51    2.92
00327>  001:0055----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00328>       ADD HYD            06:807               35.50     .023 No_date    4:01    6.63
00329>                        + 10:To806             38.16     .016 No_date    3:06    5.11
00330>         [DT= 1.00]  SUM=  03:806-OutB         73.66     .039 No_date    4:00    5.84
00331> #                        LINKSVIEW AND CONTRIBUTING AREAS
00332>  001:0056----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00333>       CALIB NASHYD       04:2502              5.52     .011 No_date    2:14    1.45
00334>         [CN= 58.4: N= 3.00]
00335>         [Tp=  .54:DT= 1.00]
00336>  001:0057----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00337>       CALIB NASHYD       05:2509              5.30     .017 No_date    1:53    1.66
00338>         [CN= 59.0: N= 3.00]
00339>         [Tp=  .33:DT= 1.00]
00340>  001:0058----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00341>       CALIB STANDHYD     06:2500             38.20    1.128 No_date    1:29    8.81
00342>         [XIMP=.30:TIMP=.50]
00343>         [LOSS= 2 :CN= 55.3]
00344>         {Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0}
00345>         {Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 505.:MNI=.013:SCI=   .0}
00346>  001:0059----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00347>       ADD HYD            04:2502              5.52     .011 No_date    2:14    1.45
00348>                        + 05:2509              5.30     .017 No_date    1:53    1.66
00349>                        + 06:2500             38.20    1.128 No_date    1:29    8.81
00350>         [DT= 1.00]  SUM=  07:Pondin           49.02    1.135 No_date    1:29    7.21
00351> #                                LINKSVIEW SWM FACILTIY
00352>  001:0060----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00353>       ROUTE RESERVOIR -> 07:Pondin         49.02    1.135 No_date    1:29    7.21
00354>         [RDT= 1.00] out<- 08:LinkPond      49.02     .064 No_date    4:12    7.21
00355>                   overflow <= 09:OVF          .00     .000 No_date    0:00     .00
00356>       {MxStoUsed=.2874E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00357>  001:0061----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00358>       ADD HYD            08:LinkPond          49.02     .064 No_date    4:12    7.21
00359>                        + 09:OVF               .00     .000 No_date    0:00     .00
00360>         [DT= 1.00]  SUM=  04:Pondout          49.02     .064 No_date    4:12    7.21
00361> #                                FLOWS FROM TENTH LINE
00362>  001:0062----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00363>       CALIB STANDHYD     08:2601               .25     .031 No_date    1:20   15.22
00364>         [XIMP=.64:TIMP=.64]
00365>         [LOSS= 2 :CN= 49.0]
00366>         {Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0}
00367>         {Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.013:SCI=   .0}
00368>  001:0063----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00369>       CALIB STANDHYD     09:2602              1.30     .107 No_date    1:24   15.22
00370>         [XIMP=.64:TIMP=.64]
00371>         [LOSS= 2 :CN= 49.0]
00372>         {Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0}
00373>         {Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.013:SCI=   .0}
00374>  001:0064----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00375>       COMPUTE DUALHYD     09:2602              1.30     .107 No_date    1:24   15.22
00376>          Major System /  06:Overflow           .00     .000 No_date    0:00     .00
00377>          Minor System \  05:5yrflow            1.30     .107 No_date    1:24   15.22
00378> #                  FLOWS IN POTENTIAL FUTURE OUTLET PIPE
00379>  001:0065----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00380>       ADD HYD            04:Pondout           49.02     .064 No_date    4:12    7.21
00381>                        + 05:5yrflow           1.30     .107 No_date    1:24   15.22
00382>         [DT= 1.00]  SUM=  10:LinkPipe         50.32     .116 No_date    1:25    7.41
00383> #                  FLOWS TO OUTLET A/NODE 3 (DOWNSTREAM OF TENTH LINE)
00384>  001:0066----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00385>       ADD HYD            10:LinkPipe          50.32     .116 No_date    1:25    7.41
00386>                        + 02:809              123.69     .248 No_date    3:51    2.92
00387>                        + 06:Overflow           .00     .000 No_date    0:00     .00
00388>                        + 08:2601               .25     .031 No_date    1:20   15.22
00389>         [DT= 1.00]  SUM=  01:Node3            174.26     .315 No_date    3:51    4.24
00390> #                  FLOWS TO NODE 4 (SUM OF OUTLETS A AND B)
00391>  001:0067----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00392>       ADD HYD            01:Node3             174.26     .315 No_date    3:51    4.24
00393>                        + 03:806-OutB          73.66     .039 No_date    4:00    5.84
00394>         [DT= 1.00]  SUM=  04:Node4            247.92     .354 No_date    3:51    4.71
00395>    ** END OF RUN :  1
00396>
00397> ************************************************************************************
00398>
00399>
00400>
00401>
00402>
00403>  RUN:COMMAND#
00404>  002:0001----------------------------------------------------------------------------
00405>       START
00406>       [TZERO =    .00 hrs on       0]
00407>       [METOUT=   2    (1=imperial, 2=metric output)]
00408>       [NSTORM=   1 ]
00409>       [NRUN  =   2 ]
00410> #*******************************************************************************
00411> #  Project Name: [Linksview Post-Development]  Project Number: [183-2687]
00412> #  Date       : 2014 08 22
00413> #  Modified   :
00414> #  Modeller   : [A.French]
00415> #  Company    : C.F. Crozier & Associates Inc.
00416> #  License #  :  3737016
00417> #*******************************************************************************
00418> #*******************************************************************************
00419>  002:0002----------------------------------------------------------------------------
00420>       READ STORM
00421>       Filename = STORM.001
00422>       Comment  =
00423>       [SDT= 5.00:SDUR=   4.00:PTOT=  34.77]
00424> #                MAIR MILLS ESTATES AND CONTRIBUTING AREAS
00425>  002:0003----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00426>       CALIB NASHYD       01:300               4.55     .040 No_date    2:24    6.64
00427>         [CN= 71.0: N= 3.00]
00428>         [Tp=  .74:DT= 1.00]
00429>  002:0004----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00430>       ROUTE CHANNEL   -> 01:300             4.55     .040 No_date    2:24    6.64
00431>         [RDT= 1.00] out<- 02:701             4.55     .025 No_date    3:06    6.64
00432>         [L/S/n=  450./ .050/.040]
00433>         [Vmax=  .128:Dmax=  .111]
00434>  002:0005----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00435>       CALIB NASHYD       01:301               5.97     .058 No_date    2:15    6.64
00436>         [CN= 71.0: N= 3.00]
00437>         [Tp=  .63:DT= 1.00]
00438>  002:0006----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00439>       ADD HYD            01:301               5.97     .058 No_date    2:15    6.64
00440>                        + 02:701               4.55     .025 No_date    3:06    6.64
00441>         [DT= 1.00]  SUM=  03:901              10.52     .074 No_date    2:27    6.64
00442>  002:0007----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00443>       ROUTE CHANNEL   -> 03:901             10.52     .074 No_date    2:27    6.64
00444>         [RDT= 1.00] out<- 01:702             10.52     .053 No_date    3:02    6.64
00445>         [L/S/n=  300./ .050/.060]
00446>         [Vmax=  .100:Dmax=  .238]
00447>  002:0008----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00448>       ROUTE RESERVOIR -> 01:702            10.52     .053 No_date    3:02    6.64
00449>         [RDT= 1.00] out<- 02:501            10.52     .052 No_date    3:16    6.64
00450>                   overflow <= 03:501OVF        .00     .000 No_date    0:00     .00
00451>       {MxStoUsed=.3147E-02, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00452>  002:0009----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00453>       CALIB STANDHYD     01:302              16.39     .454 No_date    1:32   12.46
00454>         [XIMP=.20:TIMP=.40]
00455>         [LOSS= 2 :CN= 65.2]
00456>         {Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0}
00457>         {Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=   .0}
00458>  002:0010----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00459>       ADD HYD            01:302              16.39     .454 No_date    1:32   12.46
00460>                        + 02:501              10.52     .052 No_date    3:16    6.64
00461>                        + 03:501OVF             .00     .000 No_date    0:00     .00
00462>         [DT= 1.00]  SUM=  04:902              26.91     .454 No_date    1:32   10.18
00463>  002:0011----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00464>       CALIB STANDHYD     01:303               2.34     .102 No_date    1:26   14.40
00465>         [XIMP=.25:TIMP=.50]
00466>         [LOSS= 2 :CN= 65.2]
00467>         {Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0}
00468>         {Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=   .0}
00469>  002:0012----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00470>       ADD HYD            01:303               2.34     .102 No_date    1:26   14.40
00471>                        + 04:902              26.91     .454 No_date    1:32   10.18
00472>         [DT= 1.00]  SUM=  02:903              29.25     .545 No_date    1:31   10.52
00473>  002:0013----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00474>       CALIB NASHYD       01:304               2.90     .039 No_date    1:45    5.64
00475>         [CN= 66.6: N= 3.00]
00476>         [Tp=  .28:DT= 1.00]
00477>  002:0014----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00478>       ADD HYD            01:304               2.90     .039 No_date    1:45    5.64
00479>                        + 02:903              29.25     .545 No_date    1:31   10.52
00480>         [DT= 1.00]  SUM=  03:904              32.15     .570 No_date    1:32   10.08
00481>  002:0015----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00482>       CALIB STANDHYD     01:305               .31     .016 No_date    1:20   10.94
00483>         [XIMP=.20:TIMP=.20]
00484>         [LOSS= 2 :CN= 65.2]
00485>         {Pervious     area: IAper= 5.00:SLPP= .50:LGP= 100.:MNP=.250:SCP=   .0}
00486>         {Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0}
00487>  002:0016----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00488>       ADD HYD            01:305               .31     .016 No_date    1:20   10.94
00489>                        + 03:904              32.15     .570 No_date    1:32   10.08
00490>         [DT= 1.00]  SUM=  02:905              32.46     .574 No_date    1:32   10.09
00491> #                  MAIR MILLS ESTATES SWM FACILITY
00492>  002:0017----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00493>       ROUTE RESERVOIR -> 02:905            32.46     .574 No_date    1:32   10.09
00494>         [RDT= 1.00] out<- 03:502            32.46     .039 No_date    4:58   10.09
00495>                   overflow <= 04:502OVF        .00     .000 No_date    0:00     .00
00496>       {MxStoUsed=.2707E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00497>  002:0018----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00498>       CALIB NASHYD       01:400               5.70     .016 No_date    2:28    2.22
00499>         [CN= 50.2: N= 3.00]
00500>         [Tp=  .70:DT= 1.00]
00501>  002:0019----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00502>       ADD HYD            01:400               5.70     .016 No_date    2:28    2.22
00503>                        + 03:502              32.46     .039 No_date    4:58   10.09
00504>                        + 04:502OVF             .00     .000 No_date    0:00     .00
00505>         [DT= 1.00]  SUM=  02:906              38.16     .043 No_date    4:26    8.91
00506> #          FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
00507>  002:0020----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00508>       DIVERT HYD      -> 02:906              38.16     .043 No_date    4:26    8.91
00509>                  diverted <= 10:To806        34.09     .020 No_date    4:26    8.91
00510>                  diverted <= 03:To1023        2.04     .012 No_date    4:26    8.91
00511>                  diverted <= 01:To1022        2.04     .012 No_date    4:26    8.91
00512> #                  TAYLOR"S CREEK UPSTREAM CATCHMENT AREAS
00513> #                              FLOW AT NODE 1
00514>  002:0021----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00515>       CALIB NASHYD       01:2501              85.82     .483 No_date    3:45    7.73
00516>         [CN= 78.8: N= 3.00]
00517>         [Tp= 1.72:DT= 1.00]
00518>  002:0022----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00519>       ROUTE CHANNEL   -> 01:2501            85.82     .483 No_date    3:45    7.73
00520>         [RDT= 1.00] out<- 02:RC1            85.82     .483 No_date    3:49    7.73
00521>         [L/S/n=  350./1.500/.030]
00522>         [Vmax= 1.403:Dmax=  .694]
00523>  002:0023----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00524>       CALIB NASHYD       01:2504              7.94     .035 No_date    2:12    2.89
00525>         [CN= 53.0: N= 3.00]
00526>         [Tp=  .55:DT= 1.00]
00527>  002:0024----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00528>       ADD HYD            01:2504              7.94     .035 No_date    2:12    2.89
00529>                        + 02:RC1              85.82     .483 No_date    3:49    7.73
00530>         [DT= 1.00]  SUM=  04:2501+2504        93.76     .495 No_date    3:46    7.32
00531>  002:0025----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00532>       ROUTE CHANNEL   -> 04:2501+2504        93.76     .495 No_date    3:46    7.32
00533>         [RDT= 1.00] out<- 02:RC2            93.76     .494 No_date    3:52    7.32
00534>         [L/S/n=  425./1.250/.030]
00535>         [Vmax= 1.210:Dmax=  .581]
00536>  002:0026----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00537>       CALIB NASHYD       01:2503              7.76     .046 No_date    2:21    4.39
00538>         [CN= 62.3: N= 3.00]
00539>         [Tp=  .68:DT= 1.00]
00540>  002:0027----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
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00541>      CALIB NASHYD       05:2505          6.99      .035 No_date    2:17    3.60
00542>        [CN= 54.0: N= 3.00]
00543>        [Tp=  .65:DT= 1.00]
00544>  002:0028----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00545>      ADD HYD            01:2503          7.76      .046 No_date    2:21    4.39
00546>                       + 02:RC2          93.76      .494 No_date    3:52    7.32
00547>                       + 05:2505          6.99      .035 No_date    2:17    3.60
00548>        [DT= 1.00]  SUM=  06:2503+2505+   108.51     .528 No_date    3:45    6.87
00549>  002:0029----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00550>      CALIB NASHYD       01:2506          2.50      .014 No_date    1:57    3.01
00551>        [CN= 49.0: N= 3.00]
00552>        [Tp=  .41:DT= 1.00]
00553>  002:0030----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00554>      ADD HYD            01:2506          2.50      .014 No_date    1:57    3.01
00555>                       + 06:2503+2505+   108.51     .528 No_date    3:45    6.87
00556>        [DT= 1.00]  SUM=  02:RC+2506      111.01     .531 No_date    3:44    6.79
00557>  002:0031----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00558>      ROUTE CHANNEL   -> 02:RC+2506      111.01     .531 No_date    3:44    6.79
00559>        [RDT= 1.00] out<- 04:RC3          111.01     .531 No_date    3:47    6.79
00560>        [L/S/n=  200./1.000/.030]
00561>        [Vmax=  .983:Dmax=  .600]
00562>  002:0032----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00563>      CALIB NASHYD       01:2507          5.22      .025 No_date    2:08    3.01
00564>        [CN= 49.0: N= 3.00]
00565>        [Tp=  .54:DT= 1.00]
00566>  002:0033----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00567>      ADD HYD            01:2507          5.22      .025 No_date    2:08    3.01
00568>                       + 04:RC3          111.01     .531 No_date    3:47    6.79
00569>        [DT= 1.00]  SUM=  02:2507+RC      116.23     .539 No_date    3:46    6.62
00570>  002:0034----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00571>      CALIB NASHYD       01:2508          7.46      .033 No_date    2:16    3.12
00572>        [CN= 50.0: N= 3.00]
00573>        [Tp=  .63:DT= 1.00]
00574>  002:0035----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00575>      ADD HYD            01:2508          7.46      .033 No_date    2:16    3.12
00576>                       + 02:2507+RC      116.23     .539 No_date    3:46    6.62
00577>        [DT= 1.00]  SUM=  09:1000         123.69     .552 No_date    3:42    6.41
00578> #                  MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
00579>  002:0036----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00580>      CALIB NASHYD       01:103           8.70      .053 No_date    2:05    3.72
00581>        [CN= 59.2: N= 3.00]
00582>        [Tp=  .48:DT= 1.00]
00583>  002:0037----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00584>      ADD HYD            01:103           8.70      .053 No_date    2:05    3.72
00585>                       + 03:To1023        2.04      .012 No_date    4:26    0.91
00586>        [DT= 1.00]  SUM=  02:1023         10.74      .056 No_date    2:08    4.70
00587>  002:0038----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00588>      CALIB NASHYD       01:205           1.41      .010 No_date    1:40    2.79
00589>        [CN= 51.1: N= 3.00]
00590>        [Tp=  .20:DT= 1.00]
00591>  002:0039----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00592>      ADD HYD            01:205           1.41      .010 No_date    1:40    2.79
00593>                       + 02:1023         10.74      .056 No_date    2:08    4.70
00594>        [DT= 1.00]  SUM=  03:802          12.15      .062 No_date    2:05    4.48
00595>  002:0040----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00596>      CALIB STANDHYD     01:201           10.41     1.575 No_date    1:22   16.73
00597>        [XIMP=.43:TIMP=.56]
00598>        [LOSS= 2 :CN= 49.0]
00599>        [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=    .0]
00600>        [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 100.:MNI=.013:SCI=    .0]
00601>  002:0041----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00602>      ADD HYD            01:201           10.41     1.575 No_date    1:22   16.73
00603>                       + 03:802          12.15      .062 No_date    2:05    4.48
00604>        [DT= 1.00]  SUM=  02:803          30.56     1.578 No_date    1:22   11.86
00605>  002:0042----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00606>      CALIB NASHYD       01:202           1.10      .005 No_date    1:51    2.05
00607>        [CN= 55.0: N= 3.00]
00608>        [Tp=  .25:DT= 1.00]
00609>  002:0043----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00610>      ADD HYD            01:202           1.10      .005 No_date    1:51    2.05
00611>                       + 02:803          30.56     1.578 No_date    1:22   11.86
00612>        [DT= 1.00]  SUM=  03:804          31.66     1.579 No_date    1:22   11.52
00613>  002:0044----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00614>      CALIB NASHYD       01:1021          4.66      .020 No_date    2:29    3.54
00615>        [CN= 55.3: N= 3.00]
00616>        [Tp=  .78:DT= 1.00]
00617>  002:0045----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00618>      COMPUTE DUALHYD    01:1021          4.66      .020 No_date    2:29    3.54
00619>         Major System /  04:To1000         .00      .000 No_date    0:00     .00
00620>         Minor System \  02:To810          4.66      .020 No_date    2:29    3.54
00621>  002:0046----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00622>      ADD HYD            02:To810          4.66      .020 No_date    2:29    3.54
00623>                       + 03:804          31.66     1.579 No_date    1:22   11.52
00624>        [DT= 1.00]  SUM=  05:810          36.32     1.579 No_date    1:22   10.50
00625> #                        MAIR MILLS VILLAGE SWMF
00626>  002:0047----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00627>      ROUTE RESERVOIR -> 05:810          36.32     1.579 No_date    1:22   10.50
00628>        [RDT= 1.00] out<- 02:1026         36.32      .036 No_date    4:22   10.50
00629>                  overflow <= 03:10260VF     .00      .000 No_date    0:00     .00
00630>        [MxStoUsed=.3319E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00631>  002:0048----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00632>      ADD HYD            02:1026          36.32      .036 No_date    4:22   10.50
00633>                       + 03:10260VF          .00      .000 No_date    0:00     .00
00634>        [DT= 1.00]  SUM=  05:Pond1026ou    36.32      .036 No_date    4:22   10.50
00635> #              TENTH LINE DITCH FLOW SPLIT (OUTLETS A AND B)
00636>  002:0049----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00637>      DIVERT HYD      -> 05:Pond1026ou    36.32      .036 No_date    4:22   10.50
00638>                diverted <= 02:To807        36.32      .036 No_date    4:22   10.50
00639>                diverted <= 07:To809         .00      .000 No_date    0:00     .00
00640>                diverted <= 03:To1025        .00      .000 No_date    0:00     .00
00641> #                      FLOWS TO OUTLET A/ NODE 2(UPSTREAM OF TENTH LINE)
00642>  002:0050----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00643>      ADD HYD            09:1000         123.69      .552 No_date    3:42    6.41
00644>                       + 04:To1000           .00      .000 No_date    0:00     .00
00645>        [DT= 1.00]  SUM=  05:Node 2       123.69      .552 No_date    3:42    6.41
00646> #                                FLOWS TO OUTLET B
00647>  002:0051----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00648>      CALIB NASHYD       01:207           1.22      .014 No_date    1:32    3.54
00649>        [CN= 55.3: N= 3.00]
00650>        [Tp=  .13:DT= 1.00]
00651>  002:0052----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00652>      ADD HYD            01:207           1.22      .014 No_date    1:32    3.54
00653>                       + 02:To807        36.32      .036 No_date    4:22   10.50
00654>        [DT= 1.00]  SUM=  06:807          37.54      .037 No_date    4:01   10.27
00655>  002:0053----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00656>      ADD HYD            03:To1025            .00      .000 No_date    0:00     .00
00657>                       + 05:Node 2       123.69      .552 No_date    3:42    6.41
00658>        [DT= 1.00]  SUM=  01:1025         123.69      .552 No_date    3:42    6.41
00659>  002:0054----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00660>      ADD HYD            07:To809             .00      .000 No_date    0:00     .00
00661>                       + 01:1025         123.69      .552 No_date    3:42    6.41
00662>        [DT= 1.00]  SUM=  02:809          123.69      .552 No_date    3:42    6.41
00663>  002:0055----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00664>      ADD HYD            06:807           37.54      .037 No_date    4:01   10.27
00665>                       + 10:To806         34.09      .020 No_date    4:26    8.91
00666>        [DT= 1.00]  SUM=  03:806-OutB      71.62      .057 No_date    4:01    9.62
00667> #                      LINKSVIEW AND CONTRIBUTING AREAS
00668>  002:0056----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00669>      CALIB NASHYD       04:2502          5.52      .029 No_date    2:11    3.44
00670>        [CN= 58.4: N= 3.00]
00671>        [Tp=  .54:DT= 1.00]
00672>  002:0057----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00673>      CALIB NASHYD       05:2509          5.30      .041 No_date    1:52    3.78
00674>        [CN= 59.0: N= 3.00]
00675>        [Tp=  .33:DT= 1.00]
00676>  002:0058----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00677>      CALIB STANDHYD     06:2500          38.20     1.617 No_date    1:29   13.66
00678>        [XIMP=.30:TIMP=.50]
00679>        [LOSS= 2 :CN= 55.3]
00680>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
00681>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 505.:MNI=.013:SCI=    .0]
00682>  002:0059----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00683>      ADD HYD            04:2502          5.52      .029 No_date    2:11    3.44
00684>                       + 05:2509          5.30      .041 No_date    1:52    3.78
00685>                       + 06:2500         38.20     1.617 No_date    1:29   13.66
00686>        [DT= 1.00]  SUM=  07:Pond1n       49.02     1.636 No_date    1:29   11.44
00687> #                                LINKSVIEW SWMM FACILTIY
00688>  002:0060----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00689>      ROUTE RESERVOIR -> 07:Pond1n       49.02     1.636 No_date    1:29   11.44
00690>        [RDT= 1.00] out<- 08:LinkPond     49.02      .086 No_date    4:13   11.44
00691>                  overflow <= 09:OVF          .00      .000 No_date    0:00     .00
00692>        [MxStoUsed=.4726E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00693>  002:0061----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00694>      ADD HYD            08:LinkPond       49.02      .086 No_date    4:13   11.44
00695>                       + 09:OVF            .00      .000 No_date    0:00     .00
00696>        [DT= 1.00]  SUM=  04:Pondout       49.02      .086 No_date    4:13   11.44
00697> #                                FLOWS FROM TENTH LINE
00698>  002:0062----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00699>      CALIB STANDHYD     08:2601            .25      .038 No_date    1:20   22.06
00700>        [XIMP=.64:TIMP=.64]
00701>        [LOSS= 2 :CN= 49.0]
00702>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=    .0]
00703>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.013:SCI=    .0]
00704>  002:0063----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00705>      CALIB STANDHYD     09:2602           1.30      .142 No_date    1:24   22.06
00706>        [XIMP=.64:TIMP=.64]
00707>        [LOSS= 2 :CN= 49.0]
00708>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=    .0]
00709>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.013:SCI=    .0]
00710>  002:0064----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00711>      COMPUTE DUALHYD    09:2602           1.30      .142 No_date    1:24   22.06
00712>         Major System /  06:Overflow         .00      .000 No_date    0:00     .00
00713>         Minor System \  05:5yrflow         1.30      .142 No_date    1:24   22.06
00714> #                  FLOWS IN POTENTIAL FUTURE OUTLET PIPE
00715>  002:0065----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00716>      ADD HYD            04:Pondout        49.02      .086 No_date    4:13   11.44
00717>                       + 05:5yrflow        1.30      .142 No_date    1:24   22.06
00718>        [DT= 1.00]  SUM=  10:LinkPipe      50.32      .159 No_date    1:25   11.72
00719> #                  FLOWS TO OUTLET A/NODE 3 (DOWNSTREAM OF TENTH LINE)
00720>  002:0066----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00721>      ADD HYD            10:LinkPipe       50.32      .159 No_date    1:25   11.72
00722>                       + 02:809          123.69      .552 No_date    3:42    6.41
00723>                       + 06:Overflow         .00      .000 No_date    0:00     .00
00724>                       + 08:2601             .25      .038 No_date    1:20   22.06
00725>        [DT= 1.00]  SUM=  01:Node3        174.26      .643 No_date    3:42    7.96
00726> #                  FLOWS TO NODE 4 (SUM OF OUTLETS A AND B)
00727>  002:0067----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00728>      ADD HYD            01:Node3          174.26      .643 No_date    3:42    7.96
00729>                       + 03:806-OutB       71.62      .057 No_date    4:01    9.62
00730>        [DT= 1.00]  SUM=  04:Node4        245.88      .699 No_date    3:43    8.45
00731>   ** END OF RUN :  2
00732>
00733> ************************************************************************
00734>
00735>
00736>
00737>
00738>                                                          5yr CHI
00739>  RUN:COMMAND#
00740>  003:0001----------------------------------------------------------------------
00741>      START
00742>        [TZERO =    .00 hrs on        0]
00743>        [METOUT=   2    (1=imperial, 2=metric output)]
00744>        [NSTORM=   1 ]
00745>        [NRUN  =   3 ]
00746> #************************************************************************
00747> #  Project Name: [Linksview Post-Development]  Project Number: [183-2687]
00748> #  Date        : 2014 08 22
00749> #  Modified    :
00750> #  Modeller    : [A.French]
00751> #  Company     : C.F. Crozier & Associates Inc.
00752> #  License #   : 3737016
00753> #************************************************************************
00754> #************************************************************************
00755>  003:0002----------------------------------------------------------------------
00756>      READ STORM
00757>       Filename = STORM.001
00758>       Comment  =
00759>       [SDT= 5.00:SDUR=   4.00:PTOT=  46.10]
00760> #              MAIR MILLS ESTATES AND CONTRIBUTING AREAS
00761>  003:0003----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00762>      CALIB NASHYD       01:300           4.55      .069 No_date    2:22   11.66
00763>        [CN= 71.0: N= 3.00]
00764>        [Tp=  .74:DT= 1.00]
00765>  003:0004----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00766>      ROUTE CHANNEL   -> 01:300           4.55      .069 No_date    2:22   11.66
00767>        [RDT= 1.00] out<- 02:701          4.55      .051 No_date    2:57   11.66
00768>        [L/S/n=  450./ .050/.040]
00769>        [Vmax=  .167:Dmax=  .152]
00770>  003:0005----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00771>      CALIB NASHYD       01:301           5.97      .101 No_date    2:13   11.66
00772>        [CN= 71.0: N= 3.00]
00773>        [Tp=  .63:DT= 1.00]
00774>  003:0006----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00775>      ADD HYD            01:301           5.97      .101 No_date    2:13   11.66
00776>                       + 02:701          4.55      .051 No_date    2:57   11.66
00777>        [DT= 1.00]  SUM=  03:901         10.52      .137 No_date    2:27   11.66
00778>  003:0007----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00779>      ROUTE CHANNEL   -> 03:901         10.52      .137 No_date    2:27   11.66
00780>        [RDT= 1.00] out<- 01:702         10.52      .108 No_date    2:54   11.66
00781>        [L/S/n=  300./ .050/.060]
00782>        [Vmax=  .136:Dmax=  .304]
00783>  003:0008----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00784>      ROUTE RESERVOIR -> 01:702         10.52      .108 No_date    2:54   11.66
00785>        [RDT= 1.00] out<- 02:501         10.52      .105 No_date    3:08   11.66
00786>                  overflow <= 03:501OVF       .00      .000 No_date    0:00     .00
00787>        [MxStoUsed=.6970E-02, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00788>  003:0009----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00789>      CALIB STANDHYD     01:302           16.39      .699 No_date    1:34   18.88
00790>        [XIMP=.20:TIMP=.40]
00791>        [LOSS= 2 :CN= 65.2]
00792>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
00793>        [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=    .0]
00794>  003:0010----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00795>      ADD HYD            01:302           16.39      .699 No_date    1:34   18.88
00796>                       + 02:501         10.52      .105 No_date    3:08   11.66
00797>                       + 03:501OVF          .00      .000 No_date    0:00     .00
00798>        [DT= 1.00]  SUM=  04:902         26.91      .700 No_date    1:34   16.06
00799>  003:0011----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00800>      CALIB STANDHYD     01:303           2.34      .151 No_date    1:25   21.45
00801>        [XIMP=.25:TIMP=.50]
00802>        [LOSS= 2 :CN= 65.2]
00803>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
00804>        [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=    .0]
00805>  003:0012----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00806>      ADD HYD            01:303           2.34      .151 No_date    1:25   21.45
00807>                       + 04:902         26.91      .700 No_date    1:34   16.06
00808>        [DT= 1.00]  SUM=  02:903         29.25      .832 No_date    1:32   16.49
00809>  003:0013----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00810>      CALIB NASHYD       01:304           2.90      .069 No_date    1:44   10.02
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00811>       [CN= 66.6: N= 3.00]
00812>       [Tp=  .28:DT= 1.00]
00813>  003:0014----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00814>       ADD HYD            01:304             2.90     .069 No_date     1:44    10.02
00815>                        + 02:903            29.25     .832 No_date     1:32    16.49
00816>       [DT= 1.00]  SUM=  03:904            32.15     .885 No_date     1:34    15.91
00817>  003:0015----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00818>       CALIB STANDHYD     01:305              .31     .021 No_date     1:20    16.57
00819>         [XIMP=.20:TIMP=.20]
00820>         [LOSS= 2 :CN= 65.2]
00821>         [Pervious     area: IAper= 5.00:SLPP= .50:LGP= 100.:MNP=.250:SCP=   .0]
00822>         [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
00823>  003:0016----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00824>       ADD HYD            01:305              .31     .021 No_date     1:20    16.57
00825>                        + 03:904            32.15     .885 No_date     1:34    15.91
00826>       [DT= 1.00]  SUM=  02:905            32.46     .890 No_date     1:34    15.91
00827> #                    MAIR MILLS ESTATES SWM FACILITY
00828>  003:0017----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00829>       ROUTE RESERVOIR -> 02:905            32.46     .890 No_date     1:34    15.91
00830>         [RDT= 1.00] out<- 03:502           32.46     .102 No_date     4:29    15.91
00831>                  overflow <= 04:5020VF        .00     .000 No_date     0:00      .00
00832>       [MxStoUsed=.3968E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00833>  003:0018----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00834>       CALIB NASHYD       01:400              5.70     .033 No_date     2:25     4.52
00835>         [CN= 50.2: N= 3.00]
00836>         [Tp=  .70:DT= 1.00]
00837>  003:0019----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00838>       ADD HYD            01:400              5.70     .033 No_date     2:25     4.52
00839>                        + 03:502            32.46     .102 No_date     4:29    15.91
00840>                        + 04:5020VF           .00     .000 No_date     0:00      .00
00841>       [DT= 1.00]  SUM=  02:906            38.16     .114 No_date     4:12    14.21
00842> #                FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
00843>  003:0020----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00844>       DIVERT HYD       -> 02:906            38.16     .114 No_date     4:12    14.21
00845>                 diverted <= 10:To806       23.70     .020 No_date     4:12    14.21
00846>                 diverted <= 03:To1023       7.23     .047 No_date     4:12    14.21
00847>                 diverted <= 01:To1022       7.23     .047 No_date     4:12    14.21
00848> #                    TAYLOR"S CREEK UPSTREAM CATCHMENT AREAS
00849> #                                  FLOW AT NODE 1
00850>  003:0021----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00851>       CALIB NASHYD       01:2501            85.82     .866 No_date     3:42    13.87
00852>         [CN= 78.8: N= 3.00]
00853>         [Tp= 1.72:DT= 1.00]
00854>  003:0022----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00855>       ROUTE CHANNEL    -> 01:2501            85.82     .866 No_date     3:42    13.87
00856>         [RDT= 1.00] out<- 02:RC1            85.82     .861 No_date     3:57    13.87
00857>         [L/S/n=  350./1.500/.030]
00858>         [Vmax=  .798:Dmax=  .801]
00859>  003:0023----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00860>       CALIB NASHYD       01:2504             7.94     .067 No_date     2:10     5.58
00861>         [CN= 53.0: N= 3.00]
00862>         [Tp=  .55:DT= 1.00]
00863>  003:0024----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00864>       ADD HYD            01:2504             7.94     .067 No_date     2:10     5.58
00865>                        + 02:RC1            85.82     .861 No_date     3:57    13.87
00866>       [DT= 1.00]  SUM=  04:2501+2504       93.76     .802 No_date     3:55    13.17
00867>  003:0025----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00868>       ROUTE CHANNEL    -> 04:2501+2504       93.76     .802 No_date     3:55    13.17
00869>         [RDT= 1.00] out<- 02:RC2            93.76     .880 No_date     4:01    13.17
00870>         [L/S/n=  425./1.250/.030]
00871>         [Vmax= 1.135:Dmax=  .676]
00872>  003:0026----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00873>       CALIB NASHYD       01:2503             7.76     .085 No_date     2:19     8.11
00874>         [CN= 62.3: N= 3.00]
00875>         [Tp=  .68:DT= 1.00]
00876>  003:0027----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00877>       CALIB NASHYD       05:2505             6.99     .064 No_date     2:16     6.56
00878>         [CN= 54.0: N= 3.00]
00879>         [Tp=  .65:DT= 1.00]
00880>  003:0028----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00881>       ADD HYD            01:2503             7.76     .085 No_date     2:19     8.11
00882>                        + 02:RC2            93.76     .880 No_date     4:01    13.17
00883>                        + 05:2505            6.99     .064 No_date     2:16     6.56
00884>       [DT= 1.00]  SUM=  06:2503+2505+   108.51     .936 No_date     3:53    12.38
00885>  003:0029----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00886>       CALIB NASHYD       01:2506             2.50     .026 No_date     1:56     5.53
00887>         [CN= 49.0: N= 3.00]
00888>         [Tp=  .41:DT= 1.00]
00889>  003:0030----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00890>       ADD HYD            01:2506             2.50     .026 No_date     1:56     5.53
00891>                        + 06:2503+2505+   108.51     .936 No_date     3:53    12.38
00892>       [DT= 1.00]  SUM=  02:RC+2506       111.01     .941 No_date     3:53    12.23
00893>  003:0031----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00894>       ROUTE CHANNEL    -> 02:RC+2506       111.01     .941 No_date     3:53    12.23
00895>         [RDT= 1.00] out<- 04:RC3            111.01     .941 No_date     3:58    12.23
00896>         [L/S/n=  200./1.000/.030]
00897>         [Vmax=  .941:Dmax=  .686]
00898>  003:0032----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00899>       CALIB NASHYD       01:2507             5.22     .045 No_date     2:07     5.53
00900>         [CN= 49.0: N= 3.00]
00901>         [Tp=  .54:DT= 1.00]
00902>  003:0033----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00903>       ADD HYD            01:2507             5.22     .045 No_date     2:07     5.53
00904>                        + 04:RC3            111.01     .941 No_date     3:58    12.23
00905>       [DT= 1.00]  SUM=  02:2507+RC        116.23     .953 No_date     3:56    11.93
00906>  003:0034----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00907>       CALIB NASHYD       01:2508             7.46     .061 No_date     2:15     5.72
00908>         [CN= 50.0: N= 3.00]
00909>         [Tp=  .63:DT= 1.00]
00910>  003:0035----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00911>       ADD HYD            01:2508             7.46     .061 No_date     2:15     5.72
00912>                        + 02:2507+RC        116.23     .953 No_date     3:56    11.93
00913>       [DT= 1.00]  SUM=  09:1000           123.69     .975 No_date     3:53    11.55
00914> #                    MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
00915>  003:0036----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00916>       CALIB NASHYD       01:103              8.70     .102 No_date     2:03     7.03
00917>         [CN= 59.2: N= 3.00]
00918>         [Tp=  .48:DT= 1.00]
00919>  003:0037----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00920>       ADD HYD            01:103              8.70     .102 No_date     2:03     7.03
00921>                        + 03:To1023           7.23     .047 No_date     4:12    14.21
00922>       [DT= 1.00]  SUM=  02:1023            15.93     .117 No_date     2:13    10.29
00923>  003:0038----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00924>       CALIB NASHYD       01:205              1.41     .020 No_date     1:38     5.34
00925>         [CN= 51.1: N= 3.00]
00926>         [Tp=  .20:DT= 1.00]
00927>  003:0039----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00928>       ADD HYD            01:205              1.41     .020 No_date     1:38     5.34
00929>                        + 02:1023            15.93     .117 No_date     2:13    10.29
00930>       [DT= 1.00]  SUM=  03:802             17.34     .126 No_date     2:10     9.89
00931>  003:0040----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00932>       CALIB STANDHYD     01:201              18.41    2.208 No_date     1:21    23.38
00933>         [XIMP=.43:TIMP=.56]
00934>         [LOSS= 2 :CN= 49.0]
00935>         [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
00936>         [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
00937>  003:0041----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00938>       ADD HYD            01:201              18.41    2.208 No_date     1:21    23.38
00939>                        + 03:802             17.34     .126 No_date     2:10     9.89
00940>       [DT= 1.00]  SUM=  02:803             35.75    2.215 No_date     1:21    16.84
00941>  003:0042----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00942>       CALIB NASHYD       01:202              1.10     .011 No_date     1:47     4.52
00943>         [CN= 55.0: N= 3.00]
00944>         [Tp=  .25:DT= 1.00]
00945>  003:0043----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00946>       ADD HYD            01:202              1.10     .011 No_date     1:47     4.52
00947>                        + 02:803            35.75    2.215 No_date     1:21    16.84
00948>       [DT= 1.00]  SUM=  03:804             36.85    2.216 No_date     1:21    16.47
00949>  003:0044----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00950>       CALIB NASHYD       01:1021             4.66     .038 No_date     2:28     6.55
00951>         [CN= 55.3: N= 3.00]
00952>         [Tp=  .78:DT= 1.00]
00953>  003:0045----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00954>       COMPUTE DUALHYD     01:1021             4.66     .038 No_date     2:28     6.55
00955>         Major System /  04:To1000             .00     .000 No_date     0:00      .00
00956>         Minor System \  02:To810              4.66     .038 No_date     2:28     6.55
00957>  003:0046----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00958>       ADD HYD            02:To810             4.66     .038 No_date     2:28     6.55
00959>                        + 03:804             36.85    2.216 No_date     1:21    16.47
00960>       [DT= 1.00]  SUM=  05:810             41.51    2.216 No_date     1:21    15.35
00961> #                    MAIR MILLS VILLAGE SWMF
00962>  003:0047----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00963>       ROUTE RESERVOIR -> 05:810            41.51    2.216 No_date     1:21    15.35
00964>         [RDT= 1.00] out<- 02:1026           41.51     .145 No_date     4:03    15.35
00965>                  overflow <= 03:1026OVF       .00     .000 No_date     0:00      .00
00966>       [MxStoUsed=.4739E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00967>  003:0048----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00968>       ADD HYD            02:1026             41.51     .145 No_date     4:03    15.35
00969>                        + 03:1026OVF           .00     .000 No_date     0:00      .00
00970>       [DT= 1.00]  SUM=  05:Pond1026ou      41.51     .145 No_date     4:03    15.35
00971> #                TENTH LINE DITCH FLOW SPLIT (OUTLETS A AND B)
00972>  003:0049----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00973>       DIVERT HYD       -> 05:Pond1026ou      41.51     .145 No_date     4:03    15.35
00974>                 diverted <= 02:To807        34.67     .040 No_date     4:03    15.35
00975>                 diverted <= 07:To809         6.84     .105 No_date     4:03    15.35
00976>                 diverted <= 03:To1025          .00     .000 No_date     0:00      .00
00977> #                    FLOWS TO OUTLET A/ NODE 2(UPSTREAM OF TENTH LINE)
00978>  003:0050----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00979>       ADD HYD            09:1000            123.69     .975 No_date     3:53    11.55
00980>                        + 04:To1000            .00     .000 No_date     0:00      .00
00981>       [DT= 1.00]  SUM=  05:Node 2          123.69     .975 No_date     3:53    11.55
00982> #                                  FLOWS TO OUTLET B
00983>  003:0051----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00984>       CALIB NASHYD       01:207              1.22     .027 No_date     1:31     6.55
00985>         [CN= 55.3: N= 3.00]
00986>         [Tp=  .13:DT= 1.00]
00987>  003:0052----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00988>       ADD HYD            01:207              1.22     .027 No_date     1:31     6.55
00989>                        + 02:To807           34.67     .040 No_date     4:03    15.35
00990>       [DT= 1.00]  SUM=  06:807             35.89     .051 No_date     1:35    15.06
00991>  003:0053----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00992>       ADD HYD            03:To1025             .00     .000 No_date     0:00      .00
00993>                        + 05:Node 2          123.69     .975 No_date     3:53    11.55
00994>       [DT= 1.00]  SUM=  01:1025            123.69     .975 No_date     3:53    11.55
00995>  003:0054----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00996>       ADD HYD            07:To809            6.84     .105 No_date     4:03    15.35
00997>                        + 01:1025            123.69     .975 No_date     3:53    11.55
00998>       [DT= 1.00]  SUM=  02:809             130.53    1.078 No_date     3:58    11.75
00999>  003:0055----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01000>       ADD HYD            06:807              35.89     .051 No_date     1:35    15.06
01001>                        + 10:To806           23.70     .020 No_date     4:12    14.21
01002>       [DT= 1.00]  SUM=  03:806-OutB         59.59     .071 No_date     1:39    14.72
01003> #                    LINKSVIEW AND CONTRIBUTING AREAS
01004>  003:0056----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01005>       CALIB NASHYD       04:2502             5.52     .056 No_date     2:09     6.61
01006>         [CN= 58.4: N= 3.00]
01007>         [Tp=  .54:DT= 1.00]
01008>  003:0057----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01009>       CALIB NASHYD       05:2509             5.30     .078 No_date     1:50     7.09
01010>         [CN= 59.0: N= 3.00]
01011>         [Tp=  .33:DT= 1.00]
01012>  003:0058----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01013>       CALIB STANDHYD     06:2500            38.20    2.339 No_date     1:27    19.92
01014>         [XIMP=.30:TIMP=.50]
01015>         [LOSS= 2 :CN= 55.3]
01016>         [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
01017>         [Impervious   area: IAimp= 2.00:SLPI=  .50:LGI= 505.:MNI=.013:SCI=   .0]
01018>  003:0059----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01019>       ADD HYD            04:2502             5.52     .056 No_date     2:09     6.61
01020>                        + 05:2509             5.30     .078 No_date     1:50     7.09
01021>                        + 06:2500            38.20    2.339 No_date     1:27    19.92
01022>       [DT= 1.00]  SUM=  07:Pondin           49.02    2.372 No_date     1:27    17.03
01023> #                    LINKSVIEW SWM FACILTIY
01024>  003:0060----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01025>       ROUTE RESERVOIR -> 07:Pondin          49.02    2.372 No_date     1:27    17.03
01026>         [RDT= 1.00] out<- 08:LinkPond       49.02     .198 No_date     4:01    17.03
01027>                  overflow <= 09:OVF           .00     .000 No_date     0:00      .00
01028>       [MxStoUsed=.6765E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01029>  003:0061----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01030>       ADD HYD            08:LinkPond         49.02     .198 No_date     4:01    17.03
01031>                        + 09:OVF               .00     .000 No_date     0:00      .00
01032>       [DT= 1.00]  SUM=  04:Pondout          49.02     .198 No_date     4:01    17.03
01033> #                                  FLOWS FROM TENTH LINE
01034>  003:0062----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01035>       CALIB STANDHYD     08:2601              .25     .052 No_date     1:20    30.21
01036>         [XIMP=.64:TIMP=.64]
01037>         [LOSS= 2 :CN= 49.0]
01038>         [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
01039>         [Impervious   area: IAimp= 2.00:SLPI=  .50:LGI=  48.:MNI=.013:SCI=   .0]
01040>  003:0063----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01041>       CALIB STANDHYD     09:2602             1.30     .199 No_date     1:23    30.21
01042>         [XIMP=.64:TIMP=.64]
01043>         [LOSS= 2 :CN= 49.0]
01044>         [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
01045>         [Impervious   area: IAimp= 2.00:SLPI=  .50:LGI= 250.:MNI=.013:SCI=   .0]
01046>  003:0064----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01047>       COMPUTE DUALHYD     09:2602             1.30     .199 No_date     1:23    30.21
01048>         Major System /  06:Overflow           .00     .000 No_date     0:00      .00
01049>         Minor System \  05:Syrflow           1.30     .199 No_date     1:23    30.21
01050> #                FLOWS IN POTENTIAL FUTURE OUTLET PIPE
01051>  003:0065----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01052>       ADD HYD            04:Pondout          49.02     .198 No_date     4:01    17.03
01053>                        + 05:Syrflow          1.30     .199 No_date     1:23    30.21
01054>       [DT= 1.00]  SUM=  10:LinkPipe         50.32     .225 No_date     1:24    17.37
01055> #                    FLOWS TO OUTLET A/NODE 3 (DOWNSTREAM OF TENTH LINE)
01056>  003:0066----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01057>       ADD HYD            10:LinkPipe         50.32     .225 No_date     1:24    17.37
01058>                        + 02:809             130.53    1.078 No_date     3:58    11.75
01059>                        + 06:Overflow           .00     .000 No_date     0:00      .00
01060>                        + 08:2601               .25     .052 No_date     1:20    30.21
01061>       [DT= 1.00]  SUM=  01:Node3           181.10    1.284 No_date     3:58    13.34
01062> #                FLOWS TO NODE 4 (SUM OF OUTLETS A AND B)
01063>  003:0067----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01064>       ADD HYD            01:Node3            181.10    1.284 No_date     3:58    13.34
01065>                        + 03:806-OutB         59.59     .071 No_date     1:39    14.72
01066>       [DT= 1.00]  SUM=  04:Node4           240.69    1.347 No_date     3:58    13.68
01067>   ** END OF RUN :  3
01068>
01069> ************************************************************************
01070>
01071>
01072>
01073>
01074>
01075>  RUN:COMMAND$
01076>  004:0001----------------------------------------------------------------
01077>       START
01078>         [ZERO =    .00 hrs on        0]
01079>         [METOUT=   2    (1=imperial, 2=metric output)]
01080>         [NSTORM=   1 ]
```

10 yr CHI

```
[NRUN  =   4 ]
#*****************************************************************************
#  Project Name: [Linksview Post-Development]  Project Number: [103-2687]
#  Date        : 2014 08 22
#  Modified    :
#  Modeller    : [A.French]
#  Company     : C.F. Crozier & Associates Inc.
#  License #   : 3737016
#*****************************************************************************
#*****************************************************************************
004:0002-----------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT= 5.00:SDUR=   4.00:PTOT=  53.81]
#                    MAIR MILLS ESTATES AND CONTRIBUTING AREAS
004:0003---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:300            4.55     .093 No_date    2:22   15.62
      [CN= 71.0: N= 3.00]
      [Tp=  .74:DT= 1.00]
004:0004---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE CHANNEL   -> 01:300            4.55     .093 No_date    2:22   15.62
      [RDT= 1.00] out<- 02:701            4.55     .069 No_date    2:52   15.62
      [L/S/n=  450./ .050/.040]
      {Vmax=  .185:Dmax=  .177}
004:0005---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:301            5.97     .137 No_date    2:13   15.62
      [CN= 71.0: N= 3.00]
      [Tp=  .63:DT= 1.00]
004:0006---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:301            5.97     .137 No_date    2:13   15.62
                      + 02:701            4.55     .069 No_date    2:52   15.62
      [DT= 1.00]  SUM=  03:901           10.52     .190 No_date    2:24   15.62
004:0007---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE CHANNEL   -> 03:901           10.52     .190 No_date    2:24   15.62
      [RDT= 1.00] out<- 01:702           10.52     .155 No_date    2:46   15.62
      [L/S/n=  300./ .050/.060]
      {Vmax=  .161:Dmax=  .348}
004:0008---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE RESERVOIR -> 01:702          10.52     .155 No_date    2:46   15.62
      [RDT= 1.00] out<- 02:501          10.52     .148 No_date    3:01   15.62
            overflow <= 03:501OVF          .00     .000 No_date    0:00    .00
      {MxStoUsed=.1033E-01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
004:0009---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD     01:302           16.39     .914 No_date    1:34   23.68
      [XIMP=.20:TIMP=.40]
      [LOSS= 2 :CN= 65.2]
      [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
      [Impervious   area: IAimp= 1.50:SLPI=  .50:LGI= 700.:MNI=.013:SCI=   .0]
004:0010---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:302           16.39     .914 No_date    1:34   23.68
                      + 02:501           10.52     .148 No_date    3:01   15.62
                      + 03:501OVF          .00     .000 No_date    0:00    .00
      [DT= 1.00]  SUM=  04:902           26.91     .915 No_date    1:34   20.53
004:0011---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD     01:303            2.34     .187 No_date    1:24   26.65
      [XIMP=.25:TIMP=.50]
      [LOSS= 2 :CN= 65.2]
      [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
      [Impervious   area: IAimp= 1.50:SLPI=  .50:LGI= 300.:MNI=.013:SCI=   .0]
004:0012---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:303            2.34     .187 No_date    1:24   26.65
                      + 04:902           26.91     .915 No_date    1:34   20.53
      [DT= 1.00]  SUM=  02:903           29.25    1.080 No_date    1:33   21.02
004:0013---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:304            2.90     .094 No_date    1:44   13.52
      [CN= 66.6: N= 3.00]
      [Tp=  .28:DT= 1.00]
004:0014---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:304            2.90     .094 No_date    1:44   13.52
                      + 02:903           29.25    1.080 No_date    1:33   21.02
      [DT= 1.00]  SUM=  03:904           32.15    1.157 No_date    1:34   20.34
004:0015---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD     01:305             .31     .024 No_date    1:20   20.80
      [XIMP=.20:TIMP=.20]
      [LOSS= 2 :CN= 65.2]
      [Pervious     area: IAper= 5.00:SLPP=  .50:LGP= 100.:MNP=.250:SCP=   .0]
      [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
004:0016---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:305             .31     .024 No_date    1:20   20.80
                      + 03:904           32.15    1.157 No_date    1:34   20.34
      [DT= 1.00]  SUM=  02:905           32.46    1.163 No_date    1:34   20.34
#                    MAIR MILLS ESTATES SWM FACILITY
004:0017---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE RESERVOIR -> 02:905          32.46    1.163 No_date    1:34   20.34
      [RDT= 1.00] out<- 03:902          32.46     .139 No_date    4:25   20.34
            overflow <= 04:502OVF          .00     .000 No_date    0:00    .00
      {MxStoUsed=.4938E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
004:0018---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:400            5.70     .047 No_date    2:24   6.49
      [CN= 50.2: N= 3.00]
      [Tp=  .70:DT= 1.00]
004:0019---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:400            5.70     .047 No_date    2:24   6.49
                      + 03:502           32.46     .139 No_date    4:25   20.34
                      + 04:502OVF          .00     .000 No_date    0:00    .00
      [DT= 1.00]  SUM=  02:906           38.16     .162 No_date    3:26   18.27
#                    FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
004:0020---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     DIVERT HYD      -> 02:906          38.16     .162 No_date    3:26   18.27
            diverted <= 10:To806        19.18     .020 No_date    3:26   18.27
            diverted <= 03:To1023        9.49     .071 No_date    3:26   18.27
            diverted <= 01:To1022        9.49     .071 No_date    3:26   18.27
#                    TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
#                                  FLOW AT NODE 1
004:0021---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:2501          85.82    1.166 No_date    3:41   18.64
      [CN= 78.8: N= 3.00]
      [Tp= 1.72:DT= 1.00]
004:0022---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE CHANNEL   -> 01:2501          85.82    1.166 No_date    3:41   18.64
      [RDT= 1.00] out<- 02:RC1           85.82    1.156 No_date    3:55   18.64
      [L/S/n=  350./1.500/.030]
      {Vmax=  .620:Dmax=  .852}
004:0023---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:2504           7.94     .095 No_date    2:09   7.82
      [CN= 53.0: N= 3.00]
      [Tp=  .55:DT= 1.00]
004:0024---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:2504           7.94     .095 No_date    2:09   7.82
                      + 02:RC1           85.82    1.156 No_date    3:55   18.64
      [DT= 1.00]  SUM=  04:2501+2504     93.76    1.186 No_date    3:54   17.73
004:0025---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE CHANNEL   -> 04:2501+2504     93.76    1.186 No_date    3:54   17.73
      [RDT= 1.00] out<- 02:RC2           93.76    1.183 No_date    4:00   17.73
      [L/S/n=  425./1.250/.030]
      {Vmax= 1.114:Dmax=  .731}
004:0026---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:2503           7.76     .117 No_date    2:19   11.14
      [CN= 62.3: N= 3.00]
      [Tp=  .68:DT= 1.00]
004:0027---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       05:2505           6.99     .088 No_date    2:16    8.99
      [CN= 54.0: N= 3.00]
      [Tp=  .65:DT= 1.00]
004:0028---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:2503           7.76     .117 No_date    2:19   11.14
                      + 02:RC2           93.76    1.183 No_date    4:00   17.73
                      + 05:2505           6.99     .088 No_date    2:16    8.99
      [DT= 1.00]  SUM=  06:2503+2505+   108.51    1.259 No_date    3:54   16.70
004:0029---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:2506           2.50     .035 No_date    1:56   7.61
      [CN= 49.0: N= 3.00]
      [Tp=  .41:DT= 1.00]
004:0030---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:2506           2.50     .035 No_date    1:56   7.61
                      + 06:2503+2505+   108.51    1.259 No_date    3:54   16.70
      [DT= 1.00]  SUM=  02:RC+2506       111.01    1.266 No_date    3:54   16.49
004:0031---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE CHANNEL   -> 02:RC+2506      111.01    1.266 No_date    3:54   16.49
      [RDT= 1.00] out<- 04:RC3           111.01    1.265 No_date    3:58   16.49
      [L/S/n=  200./1.000/.030]
      {Vmax=  .921:Dmax=  .740}
004:0032---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:2507           5.22     .062 No_date    2:07   7.61
      [CN= 49.0: N= 3.00]
      [Tp=  .54:DT= 1.00]
004:0033---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:2507           5.22     .062 No_date    2:07   7.61
                      + 04:RC3           111.01    1.265 No_date    3:58   16.49
      [DT= 1.00]  SUM=  02:2507+RC       116.23    1.283 No_date    3:56   16.09
004:0034---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:2508           7.46     .083 No_date    2:14   7.87
      [CN= 50.0: N= 3.00]
      [Tp=  .63:DT= 1.00]
004:0035---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:2508           7.46     .083 No_date    2:14   7.87
                      + 02:2507+RC       116.23    1.283 No_date    3:56   16.09
      [DT= 1.00]  SUM=  09:1000          123.69    1.312 No_date    3:54   15.60
#                    MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
004:0036---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:103            8.70     .142 No_date    2:02   9.75
      [CN= 59.2: N= 3.00]
      [Tp=  .48:DT= 1.00]
004:0037---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:103            8.70     .142 No_date    2:02   9.75
                      + 03:To1023          9.49     .071 No_date    3:26   18.27
      [DT= 1.00]  SUM=  02:1023          18.19     .179 No_date    2:11   14.20
004:0038---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:205            1.41     .028 No_date    1:38   7.47
      [CN= 51.1: N= 3.00]
      [Tp=  .20:DT= 1.00]
004:0039---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:205            1.41     .028 No_date    1:38   7.47
                      + 02:1023          18.19     .179 No_date    2:11   14.20
      [DT= 1.00]  SUM=  03:802           19.60     .192 No_date    2:08   13.71
004:0040---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD     01:201            18.41    2.610 No_date    1:21   28.15
      {XIMP=.43:TIMP=.56}
      [LOSS= 2 :CN= 49.0]
      [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
      [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
004:0041---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:201            18.41    2.610 No_date    1:21   28.15
                      + 03:802           19.60     .192 No_date    2:08   13.71
      [DT= 1.00]  SUM=  02:803           38.01    2.623 No_date    1:21   20.71
004:0042---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:202            1.10     .016 No_date    1:45   6.67
      [CN= 55.0: N= 3.00]
      [Tp=  .25:DT= 1.00]
004:0043---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:202            1.10     .016 No_date    1:45   6.67
                      + 02:803           38.01    2.623 No_date    1:21   20.71
      [DT= 1.00]  SUM=  03:804           39.11    2.624 No_date    1:21   20.31
004:0044---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:1021           4.66     .052 No_date    2:27   9.03
      [CN= 55.3: N= 3.00]
      [Tp=  .78:DT= 1.00]
004:0045---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     COMPUTE DUALHYD    01:1021           4.66     .052 No_date    2:27   9.03
       Major System /  04:To1000          .13     .006 No_date    2:27   9.03
       Minor System \  02:To810           4.53     .046 No_date    2:07   9.03
004:0046---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            02:To810          4.53     .046 No_date    2:07   9.03
                      + 03:804           39.11    2.624 No_date    1:21   20.31
      [DT= 1.00]  SUM=  05:810           43.64    2.625 No_date    1:21   19.14
#                                  MAIR MILLS VILLAGE SWMF
004:0047---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE RESERVOIR -> 05:810          43.64    2.625 No_date    1:21   19.14
      [RDT= 1.00] out<- 02:1026         43.64     .253 No_date    3:42   19.14
            overflow <= 03:1026OVF         .00     .000 No_date    0:00    .00
      {MxStoUsed=.5327E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
004:0048---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            02:1026           43.64     .253 No_date    3:42   19.14
                      + 03:1026OVF          .00     .000 No_date    0:00    .00
      [DT= 1.00]  SUM=  05:Pond1026ou     43.64     .253 No_date    3:42   19.14
#                    TENTH LINE DITCH FLOW SPLIT (OUTLETS A AND B)
004:0049---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     DIVERT HYD      -> 05:Pond1026ou    43.64     .253 No_date    3:42   19.14
            diverted <= 02:To807        29.37     .040 No_date    3:42   19.14
            diverted <= 07:To809        14.27     .213 No_date    3:42   19.14
            diverted <= 03:To1025         .00     .000 No_date    0:00    .00
#                                  FLOWS TO OUTLET A/ NODE 2(UPSTREAM OF TENTH LINE)
004:0050---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            09:1000          123.69    1.312 No_date    3:54   15.60
                      + 04:To1000          .13     .006 No_date    2:27   9.03
      [DT= 1.00]  SUM=  05:Node 2        123.82    1.312 No_date    3:54   15.59
#                                  FLOWS TO OUTLET B
004:0051---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:207            1.22     .037 No_date    1:31   9.03
      [CN= 55.3: N= 3.00]
      [Tp=  .13:DT= 1.00]
004:0052---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:207            1.22     .037 No_date    1:31   9.03
                      + 02:To807          29.37     .040 No_date    3:42   19.14
      [DT= 1.00]  SUM=  06:807           30.59     .066 No_date    1:34   18.74
004:0053---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            03:To1025         .00     .000 No_date    0:00    .00
                      + 05:Node 2        123.82    1.312 No_date    3:54   15.59
      [DT= 1.00]  SUM=  01:1025          123.82    1.312 No_date    3:54   15.59
004:0054---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            07:To809          14.27     .213 No_date    3:42   19.14
                      + 01:1025          123.82    1.312 No_date    3:54   15.59
      [DT= 1.00]  SUM=  02:809           138.09    1.524 No_date    3:53   15.96
004:0055---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            06:807            30.59     .066 No_date    1:34   18.74
                      + 10:To806          19.18     .020 No_date    3:26   18.27
      [DT= 1.00]  SUM=  03:806-OutB       49.78     .086 No_date    1:34   18.56
#                    LINKSVIEW AND CONTRIBUTING AREAS
004:0056---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       04:2502           5.52     .079 No_date    2:08   9.24
      [CN= 58.4: N= 3.00]
      [Tp=  .54:DT= 1.00]
004:0057---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       05:2509           5.30     .109 No_date    1:49   9.81
      [CN= 59.0: N= 3.00]
      [Tp=  .33:DT= 1.00]
004:0058---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD     06:2500          38.20    2.856 No_date    1:27   24.52
      [XIMP=.30:TIMP=.50]
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01351>       [LOSS= 2 :CN= 55.3]
01352>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
01353>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 505.:MNI=.013:SCI=   .0]
01354>  004:0059----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01355>       ADD HYD             04:2502          5.52      .079 No_date    2:08    9.24
01356>                         + 05:2509          5.30      .109 No_date    1:49    9.81
01357>                         + 06:2500         38.20     2.856 No_date    1:27   24.52
01358>       [DT= 1.00]  SUM=  07:Pondin         49.02     2.906 No_date    1:27   21.21
01359> #                              LINKSVIEW SWM FACILTIY
01360>  004:0060----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01361>       ROUTE RESERVOIR -> 07:Pondin        49.02     2.906 No_date    1:27   21.21
01362>       [RDT= 1.00] out<- 08:LinkPond       49.02      .313 No_date    3:32   21.21
01363>                overflow <= 09:OVF          .00      .000 No_date    0:00     .00
01364>       [MxStoUsed=.7927E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=   0.hrs
01365>  004:0061----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01366>       ADD HYD             08:LinkPond       49.02      .313 No_date    3:32   21.21
01367>                         + 09:OVF            .00      .000 No_date    0:00     .00
01368>       [DT= 1.00]  SUM=  04:Pondout        49.02      .313 No_date    3:32   21.21
01369> #                              FLOWS FROM TENTH LINE
01370>  004:0062----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01371>       CALIB STANDHYD      08:2601           .25      .061 No_date    1:20   35.90
01372>        [XIMP=.64:TIMP=.64]
01373>        [LOSS= 2 :CN= 49.0]
01374>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
01375>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.013:SCI=   .0]
01376>  004:0063----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01377>       CALIB STANDHYD      09:2602          1.30      .236 No_date    1:23   35.90
01378>        [XIMP=.64:TIMP=.64]
01379>        [LOSS= 2 :CN= 49.0]
01380>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
01381>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.013:SCI=   .0]
01382>  004:0064----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01383>       COMPUTE DUALHYD     09:2602          1.30      .236 No_date    1:23   35.90
01384>          Major System /   06:Overflow        .01      .016 No_date    1:23   35.90
01385>          Minor System \   05:Syrflow        1.29      .220 No_date    1:22   35.90
01386> #                    FLOWS IN POTENTIAL FUTURE OUTLET PIPE
01387>  004:0065----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01388>       ADD HYD             04:Pondout        49.02      .313 No_date    3:32   21.21
01389>                         + 05:Syrflow         1.29      .220 No_date    1:22   35.90
01390>       [DT= 1.00]  SUM=  10:LinkPipe       50.31      .323 No_date    3:28   21.59
01391> #                    FLOWS TO OUTLET A/NODE 3 (DOWNSTREAM OF TENTH LINE)
01392>  004:0066----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01393>       ADD HYD             10:LinkPipe       50.31      .323 No_date    3:28   21.59
01394>                         + 02:809           138.09     1.524 No_date    3:53   15.96
01395>                         + 06:Overflow        .01      .016 No_date    1:23   35.90
01396>                         + 08:2601            .25      .061 No_date    1:20   35.90
01397>       [DT= 1.00]  SUM=  01:Node3          188.66     1.845 No_date    3:48   17.49
01398> #                    FLOWS TO NODE 4 (SUM OF OUTLETS A AND B)
01399>  004:0067----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01400>       ADD HYD             01:Node3          188.66     1.845 No_date    3:48   17.49
01401>                         + 03:806-OutB       49.78      .086 No_date    1:34   18.56
01402>       [DT= 1.00]  SUM=  04:Node4          238.43     1.909 No_date    3:48   17.71
01403>    ** END OF RUN :   4
01404>
01405>  ************************************************************************************
01406>
01407>
01408>
01409>
01410>
01411>  RUN:COMMAND#
01412>  005:0001----------------------------------------------------------------------------
01413>       START
01414>        [TZERO =     .00 hrs on        0]
01415>        [METOUT=   2    (1=imperial, 2=metric output)]
01416>        [NSTORM=   1 ]
01417>        [NRUN  =   5 ]
01418>  #*********************************************************************************
01419>  #  Project Name: [Linksview Post-Development]  Project Number: [183-2687]
01420>  #  Date        : 2014 08 22
01421>  #  Modified    :
01422>  #  Modeller    : [A.French]
01423>  #  Company     : C.F. Crozier & Associates Inc.
01424>  #  License #   : 3737016
01425>  #*********************************************************************************
01426>  #*********************************************************************************
01427>  005:0002----------------------------------------------------------------------------
01428>       READ STORM
01429>        Filename = STORM.001
01430>        Comment  =
01431>        [SDT= 5.00:SDUR=   4.00:PTOT=  63.85]
01432> #              MAIR MILLS ESTATES AND CONTRIBUTING AREAS
01433>  005:0003----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01434>       CALIB NASHYD        01:300            4.55      .128 No_date    2:21   21.30
01435>        [CN= 71.0: N= 3.00]
01436>        [Tp=  .74:DT= 1.00]
01437>  005:0004----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01438>       ROUTE CHANNEL   -> 01:300            4.55      .128 No_date    2:21   21.30
01439>        [RDT= 1.00] out<- 02:701            4.55      .099 No_date    2:45   21.30
01440>        [L/S/n=  450./ .050/.040]
01441>        [Vmax=  .214:Dmax=  .210]
01442>  005:0005----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01443>       CALIB NASHYD        01:301            5.97      .187 No_date    2:12   21.30
01444>        [CN= 71.0: N= 3.00]
01445>        [Tp=  .63:DT= 1.00]
01446>  005:0006----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01447>       ADD HYD             01:301            5.97      .187 No_date    2:12   21.30
01448>                         + 02:701            4.55      .099 No_date    2:45   21.30
01449>       [DT= 1.00]  SUM=  03:901           10.52      .266 No_date    2:24   21.30
01450>  005:0007----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01451>       ROUTE CHANNEL   -> 03:901           10.52      .266 No_date    2:24   21.30
01452>        [RDT= 1.00] out<- 01:702           10.52      .222 No_date    2:42   21.30
01453>        [L/S/n=  300./ .050/.060]
01454>        [Vmax=  .187:Dmax=  .397]
01455>  005:0008----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01456>       ROUTE RESERVOIR -> 01:702           10.52      .222 No_date    2:42   21.30
01457>        [RDT= 1.00] out<- 02:501           10.52      .171 No_date    3:32   21.30
01458>                overflow <= 03:501OVF        .00      .000 No_date    0:00     .00
01459>       [MxStoUsed=.2590E-01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=   0.hrs
01460>  005:0009----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01461>       CALIB STANDHYD      01:302           16.39     1.229 No_date    1:35   30.33
01462>        [XIMP=.20:TIMP=.40]
01463>        [LOSS= 2 :CN= 65.2]
01464>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
01465>        [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=   .0]
01466>  005:0010----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01467>       ADD HYD             01:302           16.39     1.229 No_date    1:35   30.33
01468>                         + 02:501           10.52      .171 No_date    3:32   21.30
01469>                         + 03:501OVF          .00      .000 No_date    0:00     .00
01470>       [DT= 1.00]  SUM=  04:902           26.91     1.231 No_date    1:35   26.80
01471>  005:0011----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01472>       CALIB STANDHYD      01:303            2.34      .240 No_date    1:24   33.79
01473>        [XIMP=.25:TIMP=.50]
01474>        [LOSS= 2 :CN= 65.2]
01475>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
01476>        [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=   .0]
01477>  005:0012----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01478>       ADD HYD             01:303            2.34      .240 No_date    1:24   33.79
01479>                         + 04:902           26.91     1.231 No_date    1:35   26.80
01480>       [DT= 1.00]  SUM=  02:903           29.25     1.444 No_date    1:33   27.36
01481>  005:0013----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01482>       CALIB NASHYD        01:304            2.90      .131 No_date    1:43   18.59
01483>        [CN= 66.6: N= 3.00]
01484>        [Tp=  .28:DT= 1.00]
01485>  005:0014----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01486>       ADD HYD             01:304            2.90      .131 No_date    1:43   18.59
01487>                         + 02:903           29.25     1.444 No_date    1:33   27.36
01488>       [DT= 1.00]  SUM=  03:904           32.15     1.554 No_date    1:35   26.57
01489>  005:0015----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01490>       CALIB STANDHYD      01:305             .31      .029 No_date    1:20   26.72
01491>        [XIMP=.20:TIMP=.20]
01492>        [LOSS= 2 :CN= 65.2]
01493>        [Pervious     area: IAper= 5.00:SLPP= .50:LGP= 100.:MNP=.250:SCP=   .0]
01494>        [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
01495>  005:0016----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01496>       ADD HYD             01:305             .31      .029 No_date    1:20   26.72
01497>                         + 03:904           32.15     1.554 No_date    1:35   26.57
01498>       [DT= 1.00]  SUM=  02:905           32.46     1.562 No_date    1:35   26.57
01499> #                    MAIR MILLS ESTATES SWM FACILITY
01500>  005:0017----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01501>       ROUTE RESERVOIR -> 02:905           32.46     1.562 No_date    1:35   26.57
01502>        [RDT= 1.00] out<- 03:502           32.46      .150 No_date    4:43   26.57
01503>                overflow <= 04:502OVF        .00      .000 No_date    0:00     .00
01504>       [MxStoUsed=.6511E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=   0.hrs
01505>  005:0018----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01506>       CALIB NASHYD        01:400            5.70      .070 No_date    2:22    9.48
01507>        [CN= 50.2: N= 3.00]
01508>        [Tp=  .70:DT= 1.00]
01509>  005:0019----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01510>       ADD HYD             01:400            5.70      .070 No_date    2:22    9.48
01511>                         + 03:502           32.46      .150 No_date    4:43   26.57
01512>                         + 04:502OVF          .00      .000 No_date    0:00     .00
01513>       [DT= 1.00]  SUM=  02:906           38.16      .206 No_date    2:40   24.02
01514> #          FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
01515>  005:0020----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01516>       DIVERT HYD          -> 02:906           38.16      .206 No_date    2:40   24.02
01517>                diverted <= 10:To806         15.47      .020 No_date    2:40   24.02
01518>                diverted <= 03:To1023        11.35      .093 No_date    2:40   24.02
01519>                diverted <= 01:To1022        11.35      .093 No_date    2:40   24.02
01520> #                    TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
01521> #                                  FLOW AT NODE 1
01522>  005:0021----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01523>       CALIB NASHYD        01:2501          85.82     1.591 No_date    3:39   25.39
01524>        [CN= 78.8: N= 3.00]
01525>        [Tp= 1.72:DT= 1.00]
01526>  005:0022----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01527>       ROUTE CHANNEL   -> 01:2501          85.82     1.591 No_date    3:39   25.39
01528>        [RDT= 1.00] out<- 02:RC1           85.82     1.576 No_date    3:55   25.39
01529>        [L/S/n=  350./1.500/.030]
01530>        [Vmax=  .543:Dmax=  .899]
01531>  005:0023----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01532>       CALIB NASHYD        01:2504           7.94      .136 No_date    2:08   11.18
01533>        [CN= 53.0: N= 3.00]
01534>        [Tp=  .55:DT= 1.00]
01535>  005:0024----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01536>       ADD HYD             01:2504           7.94      .136 No_date    2:08   11.18
01537>                         + 02:RC1           85.82     1.576 No_date    3:55   25.39
01538>       [DT= 1.00]  SUM=  04:2501+2504       93.76     1.617 No_date    3:53   24.19
01539>  005:0025----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01540>       ROUTE CHANNEL   -> 04:2501+2504      93.76     1.617 No_date    3:53   24.19
01541>        [RDT= 1.00] out<- 02:RC2           93.76     1.614 No_date    3:59   24.19
01542>        [L/S/n=  425./1.250/.030]
01543>        [Vmax= 1.110:Dmax=  .786]
01544>  005:0026----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01545>       CALIB NASHYD        01:2503           7.76      .165 No_date    2:18   15.58
01546>        [CN= 62.3: N= 3.00]
01547>        [Tp=  .68:DT= 1.00]
01548>  005:0027----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01549>       CALIB NASHYD        05:2505           6.99      .124 No_date    2:15   12.58
01550>        [CN= 54.0: N= 3.00]
01551>        [Tp=  .65:DT= 1.00]
01552>  005:0028----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01553>       ADD HYD             01:2503           7.76      .165 No_date    2:18   15.58
01554>                         + 02:RC2           93.76     1.614 No_date    3:59   24.19
01555>                         + 05:2505          6.99      .124 No_date    2:15   12.58
01556>       [DT= 1.00]  SUM=  06:2503+2505+    108.51     1.721 No_date    3:51   22.83
01557>  005:0029----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01558>       CALIB NASHYD        01:2506           2.50      .050 No_date    1:55   10.71
01559>        [CN= 49.0: N= 3.00]
01560>        [Tp=  .41:DT= 1.00]
01561>  005:0030----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01562>       ADD HYD             01:2506           2.50      .050 No_date    1:55   10.71
01563>                         + 06:2503+2505+    108.51     1.721 No_date    3:51   22.83
01564>       [DT= 1.00]  SUM=  02:RC+2506       111.01     1.731 No_date    3:50   22.56
01565>  005:0031----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01566>       ROUTE CHANNEL   -> 02:RC+2506      111.01     1.731 No_date    3:50   22.56
01567>        [RDT= 1.00] out<- 04:RC3           111.01     1.730 No_date    3:54   22.56
01568>        [L/S/n=  200./1.000/.030]
01569>        [Vmax=  .922:Dmax=  .794]
01570>  005:0032----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01571>       CALIB NASHYD        01:2507           5.22      .088 No_date    2:06   10.71
01572>        [CN= 49.0: N= 3.00]
01573>        [Tp=  .54:DT= 1.00]
01574>  005:0033----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01575>       ADD HYD             01:2507           5.22      .088 No_date    2:06   10.71
01576>                         + 04:RC3           111.01     1.730 No_date    3:54   22.56
01577>       [DT= 1.00]  SUM=  02:2507+RC       116.23     1.755 No_date    3:52   22.03
01578>  005:0034----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01579>       CALIB NASHYD        01:2508           7.46      .118 No_date    2:14   11.07
01580>        [CN= 50.0: N= 3.00]
01581>        [Tp=  .63:DT= 1.00]
01582>  005:0035----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01583>       ADD HYD             01:2508           7.46      .118 No_date    2:14   11.07
01584>                         + 02:2507+RC       116.23     1.755 No_date    3:52   22.03
01585>       [DT= 1.00]  SUM=  09:1000          123.69     1.798 No_date    3:49   21.37
01586> #                    MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
01587>  005:0036----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01588>       CALIB NASHYD        01:103            8.70      .203 No_date    2:02   13.79
01589>        [CN= 59.2: N= 3.00]
01590>        [Tp=  .48:DT= 1.00]
01591>  005:0037----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01592>       ADD HYD             01:103            8.70      .203 No_date    2:02   13.79
01593>                         + 03:To1023        11.35      .093 No_date    2:40   24.02
01594>       [DT= 1.00]  SUM=  02:1023          20.05      .272 No_date    2:10   19.58
01595>  005:0038----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01596>       CALIB NASHYD        01:205            1.41      .041 No_date    1:37   10.67
01597>        [CN= 51.1: N= 3.00]
01598>        [Tp=  .20:DT= 1.00]
01599>  005:0039----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01600>       ADD HYD             01:205            1.41      .041 No_date    1:37   10.67
01601>                         + 02:1023          20.05      .272 No_date    2:10   19.58
01602>       [DT= 1.00]  SUM=  03:802           21.46      .291 No_date    2:07   18.99
01603>  005:0040----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01604>       CALIB STANDHYD      01:201           18.41     3.174 No_date    1:21   34.62
01605>        [XIMP=.43:TIMP=.56]
01606>        [LOSS= 2 :CN= 49.0]
01607>        [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
01608>        [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
01609>  005:0041----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01610>       ADD HYD             01:201           18.41     3.174 No_date    1:21   34.62
01611>                         + 03:802           21.46      .291 No_date    2:07   18.99
01612>       [DT= 1.00]  SUM=  02:803           39.87     3.195 No_date    1:21   26.21
01613>  005:0042----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01614>       CALIB NASHYD        01:202            1.10      .025 No_date    1:44    9.96
01615>        [CN= 55.0: N= 3.00]
01616>        [Tp=  .25:DT= 1.00]
01617>  005:0043----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01618>       ADD HYD             01:202            1.10      .025 No_date    1:44    9.96
01619>                         + 02:803           39.87     3.195 No_date    1:21   26.21
01620>       [DT= 1.00]  SUM=  03:804           40.97     3.198 No_date    1:21   25.77
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005:0044----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:1021          4.66     .074 No_date    2:26   12.72
       [CN= 55.3: N= 3.00]
       [Tp=  .78:DT= 1.00]
005:0045----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     COMPUTE DUALHYD    01:1021          4.66     .074 No_date    2:26   12.72
       Major System /  04:To1000          .79     .028 No_date    2:26   12.72
       Minor System \  02:To810          3.87     .046 No_date    1:51   12.72
005:0046----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            02:To810         3.87     .046 No_date    1:51   12.72
                      + 03:804          40.97    3.190 No_date    1:21   25.77
     [DT= 1.00]  SUM=  05:810           44.84    3.199 No_date    1:21   24.64
#                              MAIR MILLS VILLAGE SWMF
005:0047----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE RESERVOIR -> 05:810          44.84    3.199 No_date    1:21   24.64
       [RDT= 1.00] out<- 02:1026        44.84     .391 No_date    3:14   24.64
       overflow <= 03:1026OVF            .00     .000 No_date    0:00    .00
     (MxStoUsed=.6074E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
#              TENTH LINE DITCH FLOW SPLIT (OUTLETS A AND B)
005:0049----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     DIVERT HYD      -> 05:Pond1026ou  44.84     .391 No_date    3:14   24.64
          diverted <= 02:To807         24.60     .040 No_date    3:14   24.64
          diverted <= 07:To809         20.24     .351 No_date    3:14   24.64
          diverted <= 03:To1025            .00     .000 No_date    0:00    .00
#                              FLOWS TO OUTLET A/ NODE 2(UPSTREAM OF TENTH LINE)
005:0050----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            09:1000         123.69    1.798 No_date    3:49   21.37
                      + 04:To1000          .79     .028 No_date    2:26   12.72
     [DT= 1.00]  SUM=  05:Node 2        124.48    1.798 No_date    3:49   21.31
#                                 FLOWS TO OUTLET B
005:0051----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:207           1.22     .053 No_date    1:31   12.72
       [CN= 55.3: N= 3.00]
       [Tp=  .13:DT= 1.00]
005:0052----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:207           1.22     .053 No_date    1:31   12.72
                      + 02:To807         24.60     .040 No_date    3:14   24.64
     [DT= 1.00]  SUM=  06:807           25.82     .088 No_date    1:33   24.08
005:0053----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            03:To1025           .00     .000 No_date    0:00    .00
                      + 05:Node 2      124.48    1.798 No_date    3:49   21.31
     [DT= 1.00]  SUM=  01:1025          124.48    1.798 No_date    3:49   21.31
005:0054----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            07:To809         20.24     .351 No_date    3:14   24.64
                      + 01:1025          124.48    1.798 No_date    3:49   21.31
     [DT= 1.00]  SUM=  02:809           144.72    2.135 No_date    3:45   21.78
005:0055----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            06:807           25.82     .088 No_date    1:33   24.08
                      + 10:To806         15.47     .020 No_date    2:40   24.02
     [DT= 1.00]  SUM=  03:806-OutB      41.28     .108 No_date    1:33   24.06
#                              LINKSVIEW AND CONTRIBUTING AREAS
005:0056----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       04:2502          5.52     .113 No_date    2:07   13.15
       [CN= 59.4: N= 3.00]
       [Tp=  .54:DT= 1.00]
005:0057----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       05:2509          5.30     .156 No_date    1:49   13.85
       [CN= 59.0: N= 3.00]
       [Tp=  .33:DT= 1.00]
005:0058----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD     06:2500         38.20    3.610 No_date    1:26   30.84
       [XIMP=.30:TIMP=.50]
       [LOSS= 2 :CN= 55.3]
       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 505.:MNI=.013:SCI=    .0]
005:0059----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            04:2502          5.52     .113 No_date    2:07   13.15
                      + 05:2509          5.30     .156 No_date    1:49   13.85
                      + 06:2500         38.20    3.610 No_date    1:26   30.84
     [DT= 1.00]  SUM=  07:Pondin        49.02    3.676 No_date    1:26   27.01
#                                 LINKSVIEW SWM FACILITY
005:0060----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE RESERVOIR -> 07:Pondin       49.02    3.676 No_date    1:26   27.01
       [RDT= 1.00] out<- 08:LinkPond    49.02     .475 No_date    3:14   27.01
       overflow <= 09:OVF                .00     .000 No_date    0:00    .00
     (MxStoUsed=.9556E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
005:0061----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            08:LinkPond      49.02     .475 No_date    3:14   27.01
                      + 09:OVF             .00     .000 No_date    0:00    .00
     [DT= 1.00]  SUM=  04:Pondout       49.02     .475 No_date    3:14   27.01
#                                 FLOWS FROM TENTH LINE
005:0062----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD     08:2601           .25     .073 No_date    1:20   43.44
       [XIMP=.64:TIMP=.64]
       [LOSS= 2 :CN= 49.0]
       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=    .0]
       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.013:SCI=    .0]
005:0063----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD     09:2602          1.30     .291 No_date    1:22   43.44
       [XIMP=.64:TIMP=.64]
       [LOSS= 2 :CN= 49.0]
       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=    .0]
       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.013:SCI=    .0]
005:0064----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     COMPUTE DUALHYD    09:2602          1.30     .291 No_date    1:22   43.44
       Major System /  06:Overflow       .05     .071 No_date    1:22   43.44
       Minor System \  05:5yrflow        1.25     .220 No_date    1:19   43.44
#                              FLOWS IN POTENTIAL FUTURE OUTLET PIPE
005:0065----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            04:Pondout       49.02     .475 No_date    3:14   27.01
                      + 05:5yrflow       1.25     .220 No_date    1:19   43.44
     [DT= 1.00]  SUM=  10:LinkPipe      50.27     .488 No_date    3:10   27.42
#                              FLOWS TO OUTLET A/NODE 3 (DOWNSTREAM OF TENTH LINE)
005:0066----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            10:LinkPipe      50.27     .488 No_date    3:10   27.42
                      + 02:809          144.72    2.135 No_date    3:45   21.78
                      + 06:Overflow         .05     .071 No_date    1:22   43.44
                      + 08:2601             .25     .073 No_date    1:20   43.44
     [DT= 1.00]  SUM=  01:Node3         195.29    2.613 No_date    3:41   23.26
#                              FLOWS TO NODE 4 (SUM OF OUTLETS A AND B)
005:0067----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:Node3         195.29    2.613 No_date    3:41   23.26
                      + 03:806-OutB      41.28     .108 No_date    1:33   24.06
     [DT= 1.00]  SUM=  04:Node4         236.57    2.678 No_date    3:40   23.40
   ** END OF RUN :   5

************************************************************************************


                                                    50 yr CHI


RUN:COMMAND#
006:0001----------------------------------------------------------------------
     START
       [TZERO =    .00 hrs on      0]
       [METOUT=   2    (1=imperial, 2=metric output)]
       [NSTORM=   1 ]
       [NRUN   =  6 ]
#*********************************************************************************
#  Project Name: [Linksview Post-Development]  Project Number: [183-2687]
#  Date        : 2014 08 22
#  Modified    :
#  Modeller    : [A.French]
#  Company     : C.F. Crozier & Associates Inc.
#  License #   :  3737016
#*********************************************************************************
#*********************************************************************************
006:0002----------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT= 5.00:SDUR=   4.00:PTOT=  70.27]
#              MAIR MILLS ESTATES AND CONTRIBUTING AREAS
006:0003----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:300           4.55     .153 No_date    2:20   25.20
       [CN= 71.0: N= 3.00]
       [Tp=  .74:DT= 1.00]
006:0004----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE CHANNEL   -> 01:300          4.55     .153 No_date    2:20   25.20
       [RDT= 1.00] out<- 02:701         4.55     .121 No_date    2:46   25.20
       [L/S/n=  450./ .050/.040]
       [Vmax=  .225:Dmax=  .227]
006:0005----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:301           5.97     .223 No_date    2:11   25.20
       [CN= 71.0: N= 3.00]
       [Tp=  .63:DT= 1.00]
006:0006----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:301           5.97     .223 No_date    2:11   25.20
                      + 02:701           4.55     .121 No_date    2:46   25.20
     [DT= 1.00]  SUM=  03:901           10.52    .320 No_date    2:23   25.20
006:0007----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE CHANNEL   -> 03:901         10.52     .320 No_date    2:23   25.20
       [RDT= 1.00] out<- 01:702         10.52     .273 No_date    2:42   25.20
       [L/S/n=  300./ .050/.060]
       [Vmax=  .202:Dmax=  .426]
006:0008----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE RESERVOIR -> 01:702         10.52     .273 No_date    2:42   25.20
       [RDT= 1.00] out<- 02:501         10.52     .171 No_date    3:52   25.20
       overflow <= 03:501OVF             .00     .000 No_date    0:00    .00
     (MxStoUsed=.4902E-01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
006:0009----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD     01:302          16.39    1.466 No_date    1:35   34.80
       [XIMP=.20:TIMP=.40]
       [LOSS= 2 :CN= 65.2]
       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
       [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=    .0]
006:0010----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:302          16.39    1.466 No_date    1:35   34.80
                      + 02:501           10.52     .171 No_date    3:52   25.20
                      + 03:501OVF            .00     .000 No_date    0:00    .00
     [DT= 1.00]  SUM=  04:902           26.91    1.469 No_date    1:35   31.05
006:0011----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD     01:303           2.34     .281 No_date    1:27   38.55
       [XIMP=.25:TIMP=.50]
       [LOSS= 2 :CN= 65.2]
       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
       [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=    .0]
006:0012----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:303           2.34     .281 No_date    1:27   38.55
                      + 04:902           26.91    1.469 No_date    1:35   31.05
     [DT= 1.00]  SUM=  02:903           29.25    1.721 No_date    1:33   31.65
006:0013----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:304           2.90     .157 No_date    1:43   22.11
       [CN= 66.6: N= 3.00]
       [Tp=  .28:DT= 1.00]
006:0014----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:304           2.90     .157 No_date    1:43   22.11
                      + 02:903           29.25    1.721 No_date    1:33   31.65
     [DT= 1.00]  SUM=  03:904           32.15    1.852 No_date    1:34   30.79
006:0015----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD     01:305            .31     .032 No_date    1:20   30.72
       [XIMP=.20:TIMP=.20]
       [LOSS= 2 :CN= 65.2]
       [Pervious     area: IAper= 5.00:SLPP=  .50:LGP= 100.:MNP=.250:SCP=    .0]
       [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=    .0]
006:0016----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:305            .31     .032 No_date    1:20   30.72
                      + 03:904           32.15    1.852 No_date    1:34   30.79
     [DT= 1.00]  SUM=  02:905           32.46    1.862 No_date    1:34   30.79
#                              MAIR MILLS ESTATES SWM FACILITY
006:0017----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE RESERVOIR -> 02:905         32.46    1.862 No_date    1:34   30.79
       [RDT= 1.00] out<- 03:502         32.46     .150 No_date    5:30   30.79
       overflow <= 04:502OVF             .00     .000 No_date    0:00    .00
     (MxStoUsed=.7525E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
006:0018----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:400           5.70     .087 No_date    2:22   11.63
       [CN= 50.2: N= 3.00]
       [Tp=  .70:DT= 1.00]
006:0019----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:400           5.70     .087 No_date    2:22   11.63
                      + 03:502          32.46     .150 No_date    5:30   30.79
                      + 04:502OVF           .00     .000 No_date    0:00    .00
     [DT= 1.00]  SUM=  02:906           38.16     .234 No_date    2:34   27.92
#              FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
006:0020----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     DIVERT HYD      -> 02:906         38.16     .234 No_date    2:34   27.92
          diverted <= 10:To806         13.88     .020 No_date    2:34   27.92
          diverted <= 03:To1023        12.14     .107 No_date    2:34   27.92
          diverted <= 01:To1022        12.14     .107 No_date    2:34   27.92
#                    TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
#                                 FLOW AT NODE 1
006:0021----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:2501          85.82    1.883 No_date    3:37   29.98
       [CN= 78.8: N= 3.00]
       [Tp= 1.72:DT= 1.00]
006:0022----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE CHANNEL   -> 01:2501         85.82    1.883 No_date    3:37   29.98
       [RDT= 1.00] out<- 02:RC1         85.82    1.865 No_date    3:52   29.98
       [L/S/n=  350./1.500/.030]
       [Vmax=  .517:Dmax=  .926]
006:0023----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:2504          7.94     .167 No_date    2:08   13.58
       [CN= 53.0: N= 3.00]
       [Tp=  .55:DT= 1.00]
006:0024----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:2504          7.94     .167 No_date    2:08   13.58
                      + 02:RC1           85.82    1.865 No_date    3:52   29.98
     [DT= 1.00]  SUM=  04:2501+2504     93.76    1.916 No_date    3:46   28.60
006:0025----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE CHANNEL   -> 04:2501+2504    93.76    1.916 No_date    3:46   28.60
       [RDT= 1.00] out<- 02:RC2         93.76    1.912 No_date    3:56   28.60
       [L/S/n=  425./1.250/.030]
       [Vmax= 1.124:Dmax=  .822]
006:0026----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:2503          7.76     .200 No_date    2:17   18.70
       [CN= 62.3: N= 3.00]
       [Tp=  .68:DT= 1.00]
006:0027----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       05:2505          6.99     .149 No_date    2:15   15.13
       [CN= 54.0: N= 3.00]
       [Tp=  .65:DT= 1.00]
006:0028----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:2503          7.76     .200 No_date    2:17   18.70
                      + 02:RC2           93.76    1.912 No_date    3:56   28.60
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01891>                    +  05:2505              6.99     .149 No_date    2:15   15.13
01892>       [DT= 1.00]  SUM=  06:2503+2505+   108.51    2.043 No_date    3:48   27.02
01893> 006:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01894>       CALIB NASHYD      01:2506            2.50     .061 No_date    1:55   12.92
01895>         [CN= 49.0: N= 3.00]
01896>         [Tp=  .41:DT= 1.00]
01897> 006:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01898>       ADD HYD           01:2506          2.50     .061 No_date    1:55   12.92
01899>                      +  06:2503+2505+  108.51    2.043 No_date    3:48   27.02
01900>       [DT= 1.00]  SUM=  02:RC+2506      111.01    2.056 No_date    3:48   26.70
01901> 006:0031--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01902>       ROUTE CHANNEL   -> 02:RC+2506      111.01    2.056 No_date    3:48   26.70
01903>         [RDT= 1.00] out<- 04:RC3         111.01    2.054 No_date    3:51   26.70
01904>         [L/S/n=  200./1.000/.030]
01905>         [Vmax=  .933:Dmax=  .824]
01906> 006:0032--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01907>       CALIB NASHYD      01:2507            5.22     .107 No_date    2:06   12.92
01908>         [CN= 49.0: N= 3.00]
01909>         [Tp=  .54:DT= 1.00]
01910> 006:0033--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01911>       ADD HYD           01:2507          5.22     .107 No_date    2:06   12.92
01912>                      +  04:RC3         111.01    2.054 No_date    3:51   26.70
01913>       [DT= 1.00]  SUM=  02:2507+RC      116.23    2.085 No_date    3:50   26.09
01914> 006:0034--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01915>       CALIB NASHYD      01:2508            7.46     .143 No_date    2:13   13.34
01916>         [CN= 50.0: N= 3.00]
01917>         [Tp=  .63:DT= 1.00]
01918> 006:0035--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01919>       ADD HYD           01:2508          7.46     .143 No_date    2:13   13.34
01920>                      +  02:2507+RC      116.23    2.085 No_date    3:50   26.09
01921>       [DT= 1.00]  SUM=  09:1000          123.69    2.137 No_date    3:47   25.32
01922> #                  MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
01923> 006:0036--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01924>       CALIB NASHYD      01:103             8.70     .247 No_date    2:01   16.64
01925>         [CN= 59.2: N= 3.00]
01926>         [Tp=  .48:DT= 1.00]
01927> 006:0037--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01928>       ADD HYD           01:103           8.70     .247 No_date    2:01   16.64
01929>                      +  03:To1023        12.14     .107 No_date    2:34   27.92
01930>       [DT= 1.00]  SUM=  02:1023          20.84     .339 No_date    2:08   23.22
01931> 006:0038--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01932>       CALIB NASHYD      01:205             1.41     .051 No_date    1:37   12.96
01933>         [CN= 51.1: N= 3.00]
01934>         [Tp=  .20:DT= 1.00]
01935> 006:0039--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01936>       ADD HYD           01:205           1.41     .051 No_date    1:37   12.96
01937>                      +  02:1023         20.84     .339 No_date    2:08   23.22
01938>       [DT= 1.00]  SUM=  03:802           22.25     .362 No_date    2:06   22.57
01939> 006:0040--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01940>       CALIB STANDHYD    01:201           18.41    3.569 No_date    1:21   38.89
01941>         [XIMP=.43:TIMP=.56]
01942>         [LOSS= 2 :CN= 49.0]
01943>         [Pervious      area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
01944>         [Impervious    area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
01945> 006:0041--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01946>       ADD HYD           01:201           18.41    3.569 No_date    1:21   38.89
01947>                      +  03:802           22.25     .362 No_date    2:06   22.57
01948>       [DT= 1.00]  SUM=  02:803           40.66    3.596 No_date    1:21   29.96
01949> 006:0042--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01950>       CALIB NASHYD      01:202            1.10     .032 No_date    1:44   12.33
01951>         [CN= 55.0: N= 3.00]
01952>         [Tp=  .25:DT= 1.00]
01953> 006:0043--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01954>       ADD HYD           01:202           1.10     .032 No_date    1:44   12.33
01955>                      +  02:803           40.66    3.596 No_date    1:21   29.96
01956>       [DT= 1.00]  SUM=  03:804           41.76    3.600 No_date    1:21   29.49
01957> 006:0044--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01958>       CALIB NASHYD      01:1021           4.66     .089 No_date    2:26   15.32
01959>         [CN= 55.3: N= 3.00]
01960>         [Tp=  .78:DT= 1.00]
01961> 006:0045--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01962>       COMPUTE DUALHYD   01:1021           4.66     .089 No_date    2:26   15.32
01963>         Major System /  04:To1000         1.20     .043 No_date    2:26   15.32
01964>         Minor System \  02:To810          3.46     .046 No_date    1:46   15.32
01965> 006:0046--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01966>       ADD HYD           02:To810         3.46     .046 No_date    1:46   15.32
01967>                      +  03:804           41.76    3.600 No_date    1:21   29.49
01968>       [DT= 1.00]  SUM=  05:810           45.22    3.602 No_date    1:21   28.41
01969> #                    MAIR MILLS VILLAGE SWMP
01970> 006:0047--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01971>       ROUTE RESERVOIR -> 05:810         45.22    3.602 No_date    1:21   28.41
01972>         [RDT= 1.00] out<- 02:1026       45.22     .483 No_date    3:01   28.41
01973>                  overflow <= 03:1026OVF     .00     .000 No_date    0:00     .00
01974>         [MxStoUsed=.6577E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=   0.hrs
01975> 006:0048--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01976>       ADD HYD           02:1026          45.22     .483 No_date    3:01   28.41
01977>                      +  03:1026OVF         .00     .000 No_date    0:00     .00
01978>       [DT= 1.00]  SUM=  05:Pond1026ou    45.22     .483 No_date    3:01   28.41
01979> #              TENTH LINE DITCH FLOW SPLIT (OUTLETS A AND B)
01980> 006:0049--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01981>       DIVERT HYD      -> 05:Pond1026ou  45.22     .483 No_date    3:01   28.41
01982>                  diverted <= 02:To807   22.53     .040 No_date    3:01   28.41
01983>                  diverted <= 07:To809   22.69     .443 No_date    3:01   28.41
01984>                  diverted <= 03:To1025     .00     .000 No_date    0:00     .00
01985> #                  FLOWS TO OUTLET A/ NODE 2(UPSTREAM OF TENTH LINE)
01986> 006:0050--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01987>       ADD HYD           09:1000         123.69    2.137 No_date    3:47   25.32
01988>                      +  04:To1000         1.20     .043 No_date    2:26   15.32
01989>       [DT= 1.00]  SUM=  05:Node 2        124.89    2.137 No_date    3:47   25.22
01990> #                          FLOWS TO OUTLET B
01991> 006:0051--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01992>       CALIB NASHYD      01:207             1.22     .065 No_date    1:31   15.32
01993>         [CN= 55.3: N= 3.00]
01994>         [Tp=  .13:DT= 1.00]
01995> 006:0052--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01996>       ADD HYD           01:207           1.22     .065 No_date    1:31   15.32
01997>                      +  02:To807         22.53     .040 No_date    3:01   28.41
01998>       [DT= 1.00]  SUM=  06:807           23.75     .104 No_date    1:32   27.74
01999> 006:0053--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02000>       ADD HYD           03:To1025           .00     .000 No_date    0:00     .00
02001>                      +  05:Node 2       124.89    2.137 No_date    3:47   25.22
02002>       [DT= 1.00]  SUM=  01:1025          124.89    2.137 No_date    3:47   25.22
02003> 006:0054--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02004>       ADD HYD           07:To809         22.69     .443 No_date    3:01   28.41
02005>                      +  01:1025         124.89    2.137 No_date    3:47   25.22
02006>       [DT= 1.00]  SUM=  02:809           147.58    2.552 No_date    3:40   25.71
02007> 006:0055--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02009>       ADD HYD           06:807           23.75     .104 No_date    1:32   27.74
02009>                      +  10:To806         13.88     .020 No_date    2:34   27.92
02010>       [DT= 1.00]  SUM=  03:806-OutB      37.63     .124 No_date    1:32   27.81
02011> #                  LINKSVIEW AND CONTRIBUTING AREAS
02012> 006:0056--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02013>       CALIB NASHYD      04:2502            5.52     .138 No_date    2:07   15.92
02014>         [CN= 58.4: N= 3.00]
02015>         [Tp=  .54:DT= 1.00]
02016> 006:0057--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02017>       CALIB NASHYD      05:2509            5.30     .190 No_date    1:48   16.69
02018>         [CN= 59.0: N= 3.00]
02019>         [Tp=  .33:DT= 1.00]
02020> 006:0058--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02021>       CALIB STANDHYD    06:2500           38.20    4.135 No_date    1:26   35.08
02022>         [XIMP=.30:TIMP=.50]
02023>         [LOSS= 2 :CN= 55.3]
02024>         [Pervious      area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02025>         [Impervious    area: IAimp= 2.00:SLPI= .50:LGI= 505.:MNI=.013:SCI=   .0]
02026> 006:0059--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02027>       ADD HYD           04:2502          5.52     .138 No_date    2:07   15.92
02028>                      +  05:2509          5.30     .190 No_date    1:48   16.69
02029>                      +  06:2500         38.20    4.135 No_date    1:26   35.08
02030>       [DT= 1.00]  SUM=  07:Pondin        49.02    4.219 No_date    1:26   30.93
02031> #                          LINKSVIEW SWM FACILITIY
02032> 006:0060--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02033>       ROUTE RESERVOIR -> 07:Pondin       49.02    4.219 No_date    1:26   30.93
02034>         [RDT= 1.00] out<- 08:LinkPond    49.02     .585 No_date    3:07   30.93
02035>                  overflow <= 09:OVF         .00     .000 No_date    0:00     .00
02036>         [MxStoUsed=.1067E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=   0.hrs
02037> 006:0061--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02038>       ADD HYD           08:LinkPond      49.02     .585 No_date    3:07   30.93
02039>                      +  09:OVF             .00     .000 No_date    0:00     .00
02040>       [DT= 1.00]  SUM=  04:Pondout       49.02     .585 No_date    3:07   30.93
02041> #                          FLOWS FROM TENTH LINE
02042> 006:0062--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02043>       CALIB STANDHYD    08:2601            .25     .081 No_date    1:20   48.34
02044>         [XIMP=.64:TIMP=.64]
02045>         [LOSS= 2 :CN= 49.0]
02046>         [Pervious      area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
02047>         [Impervious    area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.013:SCI=   .0]
02048> 006:0063--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02049>       CALIB STANDHYD    09:2602            1.30     .326 No_date    1:22   48.34
02050>         [XIMP=.64:TIMP=.64]
02051>         [LOSS= 2 :CN= 49.0]
02052>         [Pervious      area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
02053>         [Impervious    area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.013:SCI=   .0]
02054> 006:0064--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02055>       COMPUTE DUALHYD   09:2602            1.30     .326 No_date    1:22   48.34
02056>         Major System /  06:Overflow         .09     .106 No_date    1:22   48.34
02057>         Minor System \  05:Syrflow         1.21     .220 No_date    1:19   48.34
02058> #                  FLOWS IN POTENTIAL FUTURE OUTLET PIPE
02059> 006:0065--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02060>       ADD HYD           04:Pondout       49.02     .585 No_date    3:07   30.93
02061>                      +  05:Syrflow       1.21     .220 No_date    1:19   48.34
02062>       [DT= 1.00]  SUM=  10:LinkPipe      50.23     .601 No_date    3:03   31.35
02063> #                  FLOWS TO OUTLET A/NODE 3 (DOWNSTREAM OF TENTH LINE)
02064> 006:0066--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02065>       ADD HYD           10:LinkPipe      50.23     .601 No_date    3:03   31.35
02066>                      +  02:809          147.58    2.552 No_date    3:40   25.71
02067>                      +  06:Overflow        .09     .106 No_date    1:22   48.34
02068>                      +  08:2601            .25     .081 No_date    1:20   48.34
02069>       [DT= 1.00]  SUM=  01:Node3         198.15    3.137 No_date    3:36   27.18
02070> #                  FLOWS TO NODE 4 (SUM OF OUTLETS A AND B)
02071> 006:0067--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02072>       ADD HYD           01:Node3         198.15    3.137 No_date    3:36   27.18
02073>                      +  03:806-OutB      37.63     .124 No_date    1:32   27.81
02074>       [DT= 1.00]  SUM=  04:Node4         235.78    3.203 No_date    3:36   27.28
02075>  ** END OF RUN :   6
02076>
02077> ************************************************************************
02078>
02079>
02080>                                                        100 yr CHI
02081>
02082>
02083>  RUN:COMMAND#
02084>  007:0001--------------------------------------------------------------------
02085>       START
02086>         [TZERO =    .00 hrs on       0]
02087>         [METOUT=   2    (1=imperial, 2=metric output)]
02088>         [NSTORM=   1 ]
02089>         [NRUN  =   7 ]
02090> #************************************************************************
02091> #  Project Name: [Linksview Post-Development]  Project Number: [183-2687]
02092> #  Date        : 2014 08 22
02093> #  Modified    :
02094> #  Modeller    : [A.French]
02095> #  Company     : C.F. Crozier & Associates Inc.
02096> #  License #   : 3737016
02097> #************************************************************************
02098> #************************************************************************
02099>  007:0002--------------------------------------------------------------------
02100>       READ STORM
02101>         Filename = STORM.001
02102>         Comment  =
02103>         [SDT= 5.00:SDUR=   4.00:PTOT=  78.22]
02104> #                  MAIR MILLS ESTATES AND CONTRIBUTING AREAS
02105>  007:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02106>       CALIB NASHYD      01:300             4.55     .183 No_date    2:20   30.29
02107>         [CN= 71.0: N= 3.00]
02108>         [Tp=  .74:DT= 1.00]
02109>  007:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02110>       ROUTE CHANNEL   -> 01:300          4.55     .183 No_date    2:20   30.29
02111>         [RDT= 1.00] out<- 02:701         4.55     .146 No_date    2:44   30.29
02112>         [L/S/n=  450./ .050/.040]
02113>         [Vmax=  .240:Dmax=  .249]
02114>  007:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02115>       CALIB NASHYD      01:301             5.97     .267 No_date    2:11   30.29
02116>         [CN= 71.0: N= 3.00]
02117>         [Tp=  .63:DT= 1.00]
02118>  007:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02119>       ADD HYD           01:301           5.97     .267 No_date    2:11   30.29
02120>                      +  02:701           4.55     .146 No_date    2:44   30.29
02121>       [DT= 1.00]  SUM=  03:901           10.52    .388 No_date    2:22   30.29
02122>  007:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02123>       ROUTE CHANNEL   -> 03:901          10.52     .388 No_date    2:22   30.29
02124>         [RDT= 1.00] out<- 01:702         10.52     .334 No_date    2:39   30.29
02125>         [L/S/n=  300./ .050/.060]
02126>         [Vmax=  .220:Dmax=  .460]
02127>  007:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02128>       ROUTE RESERVOIR -> 01:702          10.52     .334 No_date    2:39   30.29
02129>         [RDT= 1.00] out<- 02:501         10.52     .173 No_date    4:12   30.29
02130>                  overflow <= 03:501OVF      .00     .000 No_date    0:00     .00
02131>         [MxStoUsed=.8464E-01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=   0.hrs
02132>  007:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02133>       CALIB STANDHYD    01:302           16.39    1.730 No_date    1:34   40.53
02134>         [XIMP=.20:TIMP=.40]
02135>         [LOSS= 2 :CN= 65.2]
02136>         [Pervious      area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02137>         [Impervious    area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=   .0]
02138>  007:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02139>       ADD HYD           01:302           16.39    1.730 No_date    1:34   40.53
02140>                      +  02:501           10.52     .173 No_date    4:12   30.29
02141>                      +  03:501OVF          .00     .000 No_date    0:00     .00
02142>       [DT= 1.00]  SUM=  04:902           26.91    1.734 No_date    1:34   36.53
02143>  007:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02144>       CALIB STANDHYD    01:303            2.34     .334 No_date    1:27   44.63
02145>         [XIMP=.25:TIMP=.50]
02146>         [LOSS= 2 :CN= 65.2]
02147>         [Pervious      area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02148>         [Impervious    area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=   .0]
02149>  007:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02150>       ADD HYD           01:303            2.34     .334 No_date    1:27   44.63
02151>                      +  04:902           26.91    1.734 No_date    1:34   36.53
02152>       [DT= 1.00]  SUM=  02:903           29.25    2.031 No_date    1:33   37.18
02153>  007:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02154>       CALIB NASHYD      01:304            2.90     .188 No_date    1:43   26.72
02155>         [CN= 66.6: N= 3.00]
02156>         [Tp=  .28:DT= 1.00]
02157>  007:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02158>       ADD HYD           01:304            2.90     .188 No_date    1:43   26.72
02159>                      +  02:903           29.25    2.031 No_date    1:33   37.18
02160>       [DT= 1.00]  SUM=  03:904           32.15    2.188 No_date    1:34   36.23
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02161>  007:0015----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02162>      CALIB STANDHYD     01:305              .31     .035 No_date    1:20   35.88
02163>       [XIMP=.20:TIMP=.20]
02164>       [LOSS= 2 :CN= 65.2]
02165>       [Pervious     area: IAper= 5.00:SLPP= .50:LGP= 100.:MNP=.250:SCP=    .0]
02166>       [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
02167>  007:0016----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02168>      ADD HYD            01:305              .31     .035 No_date    1:20   35.88
02169>                     +  03:904            32.15    2.188 No_date    1:34   36.23
02170>       [DT= 1.00]  SUM=  02:905            32.46    2.200 No_date    1:34   36.23
02171> #                      MAIR MILLS ESTATES SWM FACILITY
02172>  007:0017----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02173>      ROUTE RESERVOIR -> 02:905            32.46    2.200 No_date    1:34   36.23
02174>       [RDT= 1.00] out<- 03:502            32.46     .210 No_date    4:34   36.23
02175>             overflow <= 04:502OVF          .00     .000 No_date    0:00     .00
02176>       [MxStoUsed=.8557E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
02177>  007:0018----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02178>      CALIB NASHYD       01:400              5.70     .108 No_date    2:21   14.53
02179>       [CN= 50.2: N= 3.00]
02180>       [Tp=  .70:DT= 1.00]
02181>  007:0019----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02182>      ADD HYD            01:400              5.70     .108 No_date    2:21   14.53
02183>                     +  03:502            32.46     .210 No_date    4:34   36.23
02184>                     +  04:502OVF           .00     .000 No_date    0:00     .00
02185>       [DT= 1.00]  SUM=  02:906            38.16     .258 No_date    2:21   32.99
02186> #          FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
02187>  007:0020----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02188>      DIVERT HYD         -> 02:906            38.16     .258 No_date    2:21   32.99
02189>                diverted <= 10:To806          12.27     .020 No_date    2:21   32.99
02190>                diverted <= 03:To1023         12.95     .119 No_date    2:21   32.99
02191>                diverted <= 01:To1022         12.95     .119 No_date    2:21   32.99
02192> #                    TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
02193> #                                  FLOW AT NODE 1
02194>  007:0021----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02195>      CALIB NASHYD       01:2501             85.82    2.252 No_date    3:37   35.89
02196>       [CN= 78.8: N= 3.00]
02197>       [Tp= 1.72:DT= 1.00]
02198>  007:0022----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02199>      ROUTE CHANNEL   -> 01:2501             85.82    2.252 No_date    3:37   35.89
02200>       [RDT= 1.00] out<- 02:RC1            85.82    2.231 No_date    3:51   35.89
02201>       [L/S/n=  350./1.500/.030]
02202>       [Vmax=   .504:Dmax=   .953]
02203>  007:0023----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02204>      CALIB NASHYD       01:2504             7.94     .205 No_date    2:07   16.79
02205>       [CN= 53.0: N= 3.00]
02206>       [Tp=  .55:DT= 1.00]
02207>  007:0024----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02208>      ADD HYD            01:2504             7.94     .205 No_date    2:07   16.79
02209>                     +  02:RC1            85.82    2.231 No_date    3:51   35.89
02210>       [DT= 1.00]  SUM=  04:2501+2504      93.76    2.295 No_date    3:49   34.28
02211>  007:0025----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02212>      ROUTE CHANNEL   -> 04:2501+2504      93.76    2.295 No_date    3:49   34.28
02213>       [RDT= 1.00] out<- 02:RC2            93.76    2.290 No_date    3:55   34.28
02214>       [L/S/n=  425./1.250/.030]
02215>       [Vmax=  1.139:Dmax=   .857]
02216>  007:0026----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02217>      CALIB NASHYD       01:2503             7.76     .243 No_date    2:17   22.82
02218>       [CN= 62.3: N= 3.00]
02219>       [Tp=  .68:DT= 1.00]
02220>  007:0027----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02221>      CALIB NASHYD       05:2505             6.99     .182 No_date    2:14   18.51
02222>       [CN= 54.0: N= 3.00]
02223>       [Tp=  .65:DT= 1.00]
02224>  007:0028----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02225>      ADD HYD            01:2503             7.76     .243 No_date    2:17   22.82
02226>                     +  02:RC2            93.76    2.290 No_date    3:55   34.28
02227>                     +  05:2505            6.99     .182 No_date    2:14   18.51
02228>       [DT= 1.00]  SUM=  06:2503+2505+    108.51    2.453 No_date    3:47   32.45
02229>  007:0029----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02230>      CALIB NASHYD       01:2506             2.50     .074 No_date    1:55   15.88
02231>       [CN= 49.0: N= 3.00]
02232>       [Tp=  .41:DT= 1.00]
02233>  007:0030----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02234>      ADD HYD            01:2506             2.50     .074 No_date    1:55   15.88
02235>                     +  06:2503+2505+    108.51    2.453 No_date    3:47   32.45
02236>       [DT= 1.00]  SUM=  02:RC+2506        111.01    2.469 No_date    3:46   32.08
02237>  007:0031----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02238>      ROUTE CHANNEL   -> 02:RC+2506        111.01    2.469 No_date    3:46   32.08
02239>       [RDT= 1.00] out<- 04:RC3            111.01    2.467 No_date    3:50   32.08
02240>       [L/S/n=  200./1.000/.030]
02241>       [Vmax=   .948:Dmax=   .861]
02242>  007:0032----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02243>      CALIB NASHYD       01:2507             5.22     .130 No_date    2:06   15.88
02244>       [CN= 49.0: N= 3.00]
02245>       [Tp=  .54:DT= 1.00]
02246>  007:0033----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02247>      ADD HYD            01:2507             5.22     .130 No_date    2:06   15.88
02248>                     +  04:RC3            111.01    2.467 No_date    3:50   32.08
02249>       [DT= 1.00]  SUM=  02:2507+RC        116.23    2.506 No_date    3:48   31.35
02250>  007:0034----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02251>      CALIB NASHYD       01:2508             7.46     .174 No_date    2:13   16.38
02252>       [CN= 50.0: N= 3.00]
02253>       [Tp=  .63:DT= 1.00]
02254>  007:0035----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02255>      ADD HYD            01:2508             7.46     .174 No_date    2:13   16.38
02256>                     +  02:2507+RC        116.23    2.506 No_date    3:48   31.35
02257>       [DT= 1.00]  SUM=  09:1000           123.69    2.572 No_date    3:44   30.45
02258> #                 MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
02259>  007:0036----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02260>      CALIB NASHYD       01:103              8.70     .302 No_date    2:01   20.43
02261>       [CN= 59.2: N= 3.00]
02262>       [Tp=  .48:DT= 1.00]
02263>  007:0037----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02264>      ADD HYD            01:103              8.70     .302 No_date    2:01   20.43
02265>                     +  03:To1023           12.95     .119 No_date    2:21   32.99
02266>       [DT= 1.00]  SUM=  02:1023           21.65     .411 No_date    2:05   27.94
02267>  007:0038----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02268>      CALIB NASHYD       01:205              1.41     .062 No_date    1:37   16.02
02269>       [CN= 51.1: N= 3.00]
02270>       [Tp=  .20:DT= 1.00]
02271>  007:0039----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02272>      ADD HYD            01:205              1.41     .062 No_date    1:37   16.02
02273>                     +  02:1023           21.65     .411 No_date    2:05   27.94
02274>       [DT= 1.00]  SUM=  03:802            23.06     .443 No_date    2:02   27.21
02275>  007:0040----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02276>      CALIB STANDHYD     01:201              18.41    3.985 No_date    1:21   44.32
02277>       [XIMP=.43:TIMP=.56]
02278>       [LOSS= 2 :CN= 49.0]
02279>       [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=    .0]
02280>       [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
02281>  007:0041----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02282>      ADD HYD            01:201              18.41    3.985 No_date    1:21   44.32
02283>                     +  03:802            23.06     .443 No_date    2:02   27.21
02284>       [DT= 1.00]  SUM=  02:803            41.47    4.023 No_date    1:21   34.81
02285>  007:0042----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02286>      CALIB NASHYD       01:202              1.10     .040 No_date    1:43   15.54
02287>       [CN= 55.0: N= 3.00]
02288>       [Tp=  .25:DT= 1.00]
02289>  007:0043----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02290>      ADD HYD            01:202              1.10     .040 No_date    1:43   15.54
02291>                     +  02:803            41.47    4.023 No_date    1:21   34.81
02292>       [DT= 1.00]  SUM=  03:804            42.57    4.028 No_date    1:21   34.31
02293>  007:0044----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02294>      CALIB NASHYD       01:1021             4.66     .109 No_date    2:26   18.79
02295>       [CN= 55.3: N= 3.00]
02296>       [Tp=  .78:DT= 1.00]
02297>  007:0045----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02298>      COMPUTE DUALHYD    01:1021             4.66     .109 No_date    2:26   18.79
02299>          Major System /  04:To1000          1.63     .063 No_date    2:26   18.79
02300>          Minor System \  02:To810           3.03     .046 No_date    1:42   18.79
02301>  007:0046----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02302>      ADD HYD            02:To810            3.03     .046 No_date    1:42   18.79
02303>                     +  03:804            42.57    4.028 No_date    1:21   34.31
02304>       [DT= 1.00]  SUM=  05:810            45.59    4.031 No_date    1:21   33.28
02305> #                      MAIR MILLS VILLAGE SWMF
02306>  007:0047----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02307>      ROUTE RESERVOIR -> 05:810           45.59    4.031 No_date    1:21   33.28
02308>       [RDT= 1.00] out<- 02:1026          45.59     .601 No_date    2:53   33.28
02309>             overflow <= 03:1026OVF         .00     .000 No_date    0:00     .00
02310>       [MxStoUsed=.7219E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
02311>  007:0048----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02312>      ADD HYD            02:1026             45.59     .601 No_date    2:53   33.28
02313>                     +  03:1026OVF           .00     .000 No_date    0:00     .00
02314>       [DT= 1.00]  SUM=  05:Pond1026ou      45.59     .601 No_date    2:53   33.28
02315> #              TENTH LINE DITCH FLOW SPLIT (OUTLETS A AND B)
02316>  007:0049----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02317>      DIVERT HYD         -> 05:Pond1026ou     45.59     .601 No_date    2:53   33.28
02318>                diverted <= 02:To807          20.30     .040 No_date    2:53   33.28
02319>                diverted <= 07:To809          25.29     .560 No_date    2:53   33.28
02320>                diverted <= 03:To1025           .00     .001 No_date    2:53   33.28
02321> #                    FLOWS TO OUTLET A/ NODE 2(UPSTREAM OF TENTH LINE)
02322>  007:0050----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02323>      ADD HYD            09:1000           123.69    2.572 No_date    3:44   30.45
02324>                     +  04:To1000          1.63     .063 No_date    2:26   18.79
02325>       [DT= 1.00]  SUM=  05:Node 2         125.32    2.584 No_date    3:42   30.29
02326> #                                FLOWS TO OUTLET B
02327>  007:0051----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02328>      CALIB NASHYD       01:207              1.22     .079 No_date    1:30   18.79
02329>       [CN= 55.3: N= 3.00]
02330>       [Tp=  .13:DT= 1.00]
02331>  007:0052----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02332>      ADD HYD            01:207              1.22     .079 No_date    1:30   18.79
02333>                     +  02:To807           20.30     .040 No_date    2:53   33.28
02334>       [DT= 1.00]  SUM=  06:807            21.52     .119 No_date    1:30   32.46
02335>  007:0053----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02336>      ADD HYD            03:To1025           .00     .001 No_date    2:53   33.28
02337>                     +  05:Node 2         125.32    2.584 No_date    3:42   30.29
02338>       [DT= 1.00]  SUM=  01:1025           125.32    2.584 No_date    3:42   30.29
02339>  007:0054----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02340>      ADD HYD            07:To809            25.29     .560 No_date    2:53   33.28
02341>                     +  01:1025           125.32    2.584 No_date    3:42   30.29
02342>       [DT= 1.00]  SUM=  02:809            150.62    3.101 No_date    3:35   30.80
02343>  007:0055----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02344>      ADD HYD            06:807              21.52     .119 No_date    1:30   32.46
02345>                     +  10:To806            12.27     .020 No_date    2:21   32.99
02346>       [DT= 1.00]  SUM=  03:806-OutB         33.79     .139 No_date    1:30   32.65
02347> #                    LINKSVIEW AND CONTRIBUTING AREAS
02348>  007:0056----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02349>      CALIB NASHYD       04:2502             5.52     .170 No_date    2:06   19.61
02350>       [CN= 58.4: N= 3.00]
02351>       [Tp=  .54:DT= 1.00]
02352>  007:0057----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02353>      CALIB NASHYD       05:2509             5.30     .232 No_date    1:48   20.47
02354>       [CN= 59.0: N= 3.00]
02355>       [Tp=  .33:DT= 1.00]
02356>  007:0058----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02357>      CALIB STANDHYD     06:2500            38.20    4.730 No_date    1:26   40.49
02358>       [XIMP=.30:TIMP=.50]
02359>       [LOSS= 2 :CN= 55.3]
02360>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
02361>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 505.:MNI=.013:SCI=   .0]
02362>  007:0059----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02363>      ADD HYD            04:2502             5.52     .170 No_date    2:06   19.61
02364>                     +  05:2509             5.30     .232 No_date    1:48   20.47
02365>                     +  06:2500            38.20    4.730 No_date    1:26   40.49
02366>       [DT= 1.00]  SUM=  07:Pondin          49.02    4.837 No_date    1:26   35.97
02367> #                          LINKSVIEW SWM FACILITIY
02368>  007:0060----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02369>      ROUTE RESERVOIR -> 07:Pondin         49.02    4.837 No_date    1:26   35.97
02370>       [RDT= 1.00] out<- 08:LinkPond       49.02     .723 No_date    3:02   35.97
02371>             overflow <= 09:OVF             .00     .000 No_date    0:00     .00
02372>       [MxStoUsed=.1208E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
02373>  007:0061----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02374>      ADD HYD            08:LinkPond         49.02     .723 No_date    3:02   35.97
02375>                     +  09:OVF              .00     .000 No_date    0:00     .00
02376>       [DT= 1.00]  SUM=  04:Pondout         49.02     .723 No_date    3:02   35.97
02377> #                              FLOWS FROM TENTH LINE
02378>  007:0062----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02379>      CALIB STANDHYD     08:2601              .25     .090 No_date    1:20   54.50
02380>       [XIMP=.64:TIMP=.64]
02381>       [LOSS= 2 :CN= 49.0]
02382>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=    .0]
02383>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.013:SCI=   .0]
02384>  007:0063----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02385>      CALIB STANDHYD     09:2602             1.30     .361 No_date    1:22   54.50
02386>       [XIMP=.64:TIMP=.64]
02387>       [LOSS= 2 :CN= 49.0]
02388>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=    .0]
02389>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.013:SCI=   .0]
02390>  007:0064----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02391>      COMPUTE DUALHYD    09:2602             1.30     .361 No_date    1:22   54.50
02392>          Major System /  06:Overflow        .12     .141 No_date    1:22   54.50
02393>          Minor System \  05:5yrflow         1.18     .220 No_date    1:18   54.50
02394> #                    FLOWS IN POTENTIAL FUTURE OUTLET PIPE
02395>  007:0065----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02396>      ADD HYD            04:Pondout          49.02     .723 No_date    3:02   35.97
02397>                     +  05:5yrflow          1.18     .220 No_date    1:18   54.50
02398>       [DT= 1.00]  SUM=  10:LinkPipe        50.20     .742 No_date    2:58   36.41
02399> #                 FLOWS TO OUTLET A/NODE 3 (DOWNSTREAM OF TENTH LINE)
02400>  007:0066----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02401>      ADD HYD            10:LinkPipe         50.20     .742 No_date    2:58   36.41
02402>                     +  02:809            150.62    3.101 No_date    3:35   30.80
02403>                     +  06:Overflow          .12     .141 No_date    1:22   54.50
02404>                     +  08:2601              .25     .090 No_date    1:20   54.50
02405>       [DT= 1.00]  SUM=  01:Node3          201.19    3.823 No_date    3:31   32.24
02406> #                 FLOWS TO NODE 4 (SUM OF OUTLETS A AND B)
02407>  007:0067----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02408>      ADD HYD            01:Node3            201.19    3.823 No_date    3:31   32.24
02409>                     +  03:806-OutB         33.79     .139 No_date    1:30   32.65
02410>       [DT= 1.00]  SUM=  04:Node4           234.98    3.892 No_date    3:31   32.30
02411>   ** END OF RUN :   7
02412>
02413> ************************************************************************
02414>
02415>                                                    2yr SCS
02416>
02417>
02418>
02419>  RUN:COMMAND#
02420>  008:0001----------------------------------------------------------------
02421>      START
02422>       [TZERO =    .00 hrs on       0]
02423>       [METOUT=  2    (1=imperial, 2=metric output)]
02424>       [NSTORM=  1 ]
02425>       [NRUN   =  8 ]
02426> #************************************************************************
02427> #  Project Name: [Linksview Post-Development]  Project Number: [183-2687]
02428> #  Date        : 2014 08 22
02429> #  Modified    :
02430> #  Modeller    : [A.French]
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02431> #  Company     : C.F. Crozier & Associates Inc.
02432> #  License #   :  3737016
02433> #*****************************************************************************
02434> #*****************************************************************************
02435>  008:0002----------------------------------------------------------------------
02436>      READ STORM
02437>       Filename = STORM.001
02438>       Comment  =
02439>       [SDT= 1.00:SDUR=  24.00:PTOT=  45.60]
02440> #              MAIR MILLS ESTATES AND CONTRIBUTING AREAS
02441>  008:0003----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02442>      CALIB NASHYD       01:300             4.55     .050 No_date   12:55   11.42
02443>       [CN= 71.0: N= 3.00]
02444>       [Tp=  .74:DT= 1.00]
02445>  008:0004----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02446>      ROUTE CHANNEL   -> 01:300             4.55     .050 No_date   12:55   11.42
02447>       [RDT= 1.00] out<- 02:701             4.55     .031 No_date   13:27   11.42
02448>       [L/S/n=  450./ .050/.040]
02449>       [Vmax=  .148:Dmax=  .129]
02450>  008:0005----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02451>      CALIB NASHYD       01:301             5.97     .074 No_date   12:47   11.42
02452>       [CN= 71.0: N= 3.00]
02453>       [Tp=  .63:DT= 1.00]
02454>  008:0006----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02455>      ADD HYD            01:301             5.97     .074 No_date   12:47   11.42
02456>                       + 02:701             4.55     .031 No_date   13:27   11.42
02457>       [DT= 1.00]  SUM=  03:901            10.52     .096 No_date   12:57   11.42
02458>  008:0007----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02459>      ROUTE CHANNEL   -> 03:901            10.52     .096 No_date   12:57   11.42
02460>       [RDT= 1.00] out<- 01:702            10.52     .068 No_date   13:21   11.42
02461>       [L/S/n=  300./ .050/.060]
02462>       [Vmax=  .117:Dmax=  .266]
02463>  008:0008----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02464>      ROUTE RESERVOIR -> 01:702            10.52     .068 No_date   13:21   11.42
02465>       [RDT= 1.00] out<- 02:501            10.52     .066 No_date   13:35   11.42
02466>             overflow <= 03:501OVF          .00     .000 No_date    0:00     .00
02467>       [MxStoUsed=.4100E-02, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
02468>  008:0009----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02469>      CALIB STANDHYD     01:302            16.39     .446 No_date   12:22   10.58
02470>       [XIMP=.20:TIMP=.40]
02471>       [LOSS= 2 :CN= 65.2]
02472>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02473>       [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=   .0]
02474>  008:0010----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02475>      ADD HYD            01:302            16.39     .446 No_date   12:22   10.58
02476>                       + 02:501            10.52     .066 No_date   13:35   11.42
02477>                       + 03:501OVF          .00     .000 No_date    0:00     .00
02478>       [DT= 1.00]  SUM=  04:902            26.91     .452 No_date   12:22   15.78
02479>  008:0011----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02480>      CALIB STANDHYD     01:303             2.34     .093 No_date   12:16   21.13
02481>       [XIMP=.25:TIMP=.50]
02482>       [LOSS= 2 :CN= 65.2]
02483>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02484>       [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=   .0]
02485>  008:0012----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02486>      ADD HYD            01:303             2.34     .093 No_date   12:16   21.13
02487>                       + 04:902            26.91     .452 No_date   12:22   15.78
02488>       [DT= 1.00]  SUM=  02:903            29.25     .532 No_date   12:21   16.21
02489>  008:0013----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02490>      CALIB NASHYD       01:304             2.90     .053 No_date   12:24    9.81
02491>       [CN= 66.6: N= 3.00]
02492>       [Tp=  .28:DT= 1.00]
02493>  008:0014----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02494>      ADD HYD            01:304             2.90     .053 No_date   12:24    9.81
02495>                       + 02:903            29.25     .532 No_date   12:21   16.21
02496>       [DT= 1.00]  SUM=  03:904            32.15     .584 No_date   12:21   15.63
02497>  008:0015----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02498>      CALIB STANDHYD     01:305              .31     .009 No_date   12:12   16.31
02499>       [XIMP=.20:TIMP=.20]
02500>       [LOSS= 2 :CN= 65.2]
02501>       [Pervious     area: IAper= 5.00:SLPP= .50:LGP= 100.:MNP=.250:SCP=   .0]
02502>       [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
02503>  008:0016----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02504>      ADD HYD            01:305              .31     .009 No_date   12:12   16.31
02505>                       + 03:904            32.15     .584 No_date   12:21   15.63
02506>       [DT= 1.00]  SUM=  02:905            32.46     .586 No_date   12:21   15.64
02507> #                    MAIR MILLS ESTATES SWM FACILITY
02508>  008:0017----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02509>      ROUTE RESERVOIR -> 02:905            32.46     .586 No_date   12:21   15.64
02510>       [RDT= 1.00] out<- 03:502            32.46     .060 No_date   17:13   15.64
02511>             overflow <= 04:502OVF          .00     .000 No_date    0:00     .00
02512>       [MxStoUsed=.3134E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
02513>  008:0018----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02514>      CALIB NASHYD       01:400             5.70     .023 No_date   12:56    4.41
02515>       [CN= 50.2: N= 3.00]
02516>       [Tp=  .70:DT= 1.00]
02517>  008:0019----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02518>      ADD HYD            01:400             5.70     .023 No_date   12:56    4.41
02519>                       + 03:502            32.46     .060 No_date   17:13   15.64
02520>                       + 04:502OVF          .00     .000 No_date    0:00     .00
02521>       [DT= 1.00]  SUM=  02:906            38.16     .063 No_date   17:08   13.96
02522> #          FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
02523>  008:0020----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02524>      DIVERT HYD      -> 02:906            38.16     .063 No_date   17:08   13.96
02525>             diverted <= 10:To806          26.41     .020 No_date   17:08   13.96
02526>             diverted <= 03:To1023          5.88     .022 No_date   17:08   13.96
02527>             diverted <= 01:To1022          5.88     .022 No_date   17:08   13.96
02528> #                    TAYLOR"S CREEK UPSTREAM CATCHMENT AREAS
02529> #                                  FLOW AT NODE 1
02530>  008:0021----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02531>      CALIB NASHYD       01:2501           85.82     .593 No_date   14:09   13.58
02532>       [CN= 78.0: N= 3.00]
02533>       [Tp= 1.72:DT= 1.00]
02534>  008:0022----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02535>      ROUTE CHANNEL   -> 01:2501           85.82     .593 No_date   14:09   13.58
02536>       [RDT= 1.00] out<- 02:RC1            85.82     .592 No_date   14:19   13.58
02537>       [L/S/n=  350./1.500/.030]
02538>       [Vmax= 1.169:Dmax=  .733]
02539>  008:0023----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02540>      CALIB NASHYD       01:2504            7.94     .049 No_date   12:43    5.45
02541>       [CN= 53.0: N= 3.00]
02542>       [Tp=  .55:DT= 1.00]
02543>  008:0024----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02544>      ADD HYD            01:2504            7.94     .049 No_date   12:43    5.45
02545>                       + 02:RC1            85.82     .592 No_date   14:19   13.58
02546>       [DT= 1.00]  SUM=  04:2501+2504      93.76     .605 No_date   14:17   12.89
02547>  008:0025----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02548>      ROUTE CHANNEL   -> 04:2501+2504      93.76     .605 No_date   14:17   12.89
02549>       [RDT= 1.00] out<- 02:RC2            93.76     .603 No_date   14:24   12.89
02550>       [L/S/n=  425./1.250/.030]
02551>       [Vmax= 1.181:Dmax=  .612]
02552>  008:0026----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02553>      CALIB NASHYD       01:2503            7.76     .061 No_date   12:52    7.93
02554>       [CN= 62.3: N= 3.00]
02555>       [Tp=  .68:DT= 1.00]
02556>  008:0027----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02557>      CALIB NASHYD       05:2505            6.99     .046 No_date   12:49    6.41
02558>       [CN= 54.0: N= 3.00]
02559>       [Tp=  .65:DT= 1.00]
02560>  008:0028----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02561>      ADD HYD            01:2503            7.76     .061 No_date   12:52    7.93
02562>                       + 02:RC2            93.76     .603 No_date   14:24   12.89
02563>                       + 05:2505            6.99     .046 No_date   12:49    6.41
02564>       [DT= 1.00]  SUM=  06:2503+2505+    108.51     .640 No_date   14:19   12.12
02565>  008:0029----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02566>      CALIB NASHYD       01:2506            2.50     .019 No_date   12:33    5.40
02567>       [CN= 49.0: N= 3.00]
02568>       [Tp=  .41:DT= 1.00]
02569>  008:0030----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02570>      ADD HYD            01:2506            2.50     .019 No_date   12:33    5.40
02571>                       + 06:2503+2505+    108.51     .640 No_date   14:19   12.12
02572>       [DT= 1.00]  SUM=  02:RC+2506       111.01     .643 No_date   14:19   11.97
02573>  008:0031----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02574>      ROUTE CHANNEL   -> 02:RC+2506       111.01     .643 No_date   14:19   11.97
02575>       [RDT= 1.00] out<- 04:RC3            111.01     .643 No_date   14:22   11.97
02576>       [L/S/n=  200./1.000/.030]
02577>       [Vmax=  .961:Dmax=  .637]
02578>  008:0032----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02579>      CALIB NASHYD       01:2507            5.22     .033 No_date   12:42    5.40
02580>       [CN= 49.0: N= 3.00]
02581>       [Tp=  .54:DT= 1.00]
02582>  008:0033----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02583>      ADD HYD            01:2507            5.22     .033 No_date   12:42    5.40
02584>                       + 04:RC3            111.01     .643 No_date   14:22   11.97
02585>       [DT= 1.00]  SUM=  02:2507+RC       116.23     .651 No_date   14:21   11.67
02586>  008:0034----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02587>      CALIB NASHYD       01:2508            7.46     .043 No_date   12:48    5.60
02588>       [CN= 50.0: N= 3.00]
02589>       [Tp=  .63:DT= 1.00]
02590>  008:0035----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02591>      ADD HYD            01:2508            7.46     .043 No_date   12:48    5.60
02592>                       + 02:2507+RC       116.23     .651 No_date   14:21   11.67
02593>       [DT= 1.00]  SUM=  09:1000           123.69     .665 No_date   14:18   11.31
02594> #                  MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
02595>  008:0036----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02596>      CALIB NASHYD       01:103             8.70     .075 No_date   12:38    6.87
02597>       [CN= 59.2: N= 3.00]
02598>       [Tp=  .48:DT= 1.00]
02599>  008:0037----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02600>      ADD HYD            01:103             8.70     .075 No_date   12:38    6.87
02601>                       + 03:To1023          5.88     .022 No_date   17:08   13.96
02602>       [DT= 1.00]  SUM=  02:1023           14.58     .082 No_date   12:40    9.73
02603>  008:0038----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02604>      CALIB NASHYD       01:205             1.41     .016 No_date   12:19    5.21
02605>       [CN= 51.1: N= 3.00]
02606>       [Tp=  .20:DT= 1.00]
02607>  008:0039----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02608>      ADD HYD            01:205             1.41     .016 No_date   12:19    5.21
02609>                       + 02:1023           14.58     .082 No_date   12:40    9.73
02610>       [DT= 1.00]  SUM=  03:802            15.99     .090 No_date   12:37    9.33
02611>  008:0040----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02612>      CALIB STANDHYD     01:201             18.41    1.132 No_date   12:12   23.08
02613>       [XIMP=.43:TIMP=.56]
02614>       [LOSS= 2 :CN= 49.0]
02615>       [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
02616>       [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
02617>  008:0041----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02618>      ADD HYD            01:201             18.41    1.132 No_date   12:12   23.08
02619>                       + 03:802            15.99     .090 No_date   12:37    9.33
02620>       [DT= 1.00]  SUM=  02:803            34.40    1.174 No_date   12:13   16.69
02621>  008:0042----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02622>      CALIB NASHYD       01:202             1.10     .008 No_date   12:24    4.39
02623>       [CN= 55.0: N= 3.00]
02624>       [Tp=  .25:DT= 1.00]
02625>  008:0043----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02626>      ADD HYD            01:202             1.10     .008 No_date   12:24    4.39
02627>                       + 02:803            34.40    1.174 No_date   12:13   16.69
02628>       [DT= 1.00]  SUM=  03:804            35.50    1.179 No_date   12:13   16.31
02629>  008:0044----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02630>      CALIB NASHYD       01:1021            4.66     .026 No_date   12:59    6.40
02631>       [CN= 55.3: N= 3.00]
02632>       [Tp=  .78:DT= 1.00]
02633>  008:0045----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02634>      COMPUTE DUALHYD    01:1021            4.66     .026 No_date   12:59    6.40
02635>        Major System /   04:To1000           .00     .000 No_date    0:00     .00
02636>        Minor System \   02:To810            4.66     .026 No_date   12:59    6.40
02637>  008:0046----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02638>      ADD HYD            02:To810           4.66     .026 No_date   12:59    6.40
02639>                       + 03:804            35.50    1.179 No_date   12:13   16.31
02640>       [DT= 1.00]  SUM=  05:810            40.16    1.186 No_date   12:13   15.16
02641> #                        MAIR MILLS VILLAGE SWMF
02642>  008:0047----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02643>      ROUTE RESERVOIR -> 05:810            40.16    1.186 No_date   12:13   15.16
02644>       [RDT= 1.00] out<- 02:1026           40.16     .044 No_date   21:16   15.16
02645>             overflow <= 03:1026OVF         .00     .000 No_date    0:00     .00
02646>       [MxStoUsed=.4109E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
02647>  008:0048----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02648>      ADD HYD            02:1026            40.16     .044 No_date   21:16   15.16
02649>                       + 03:1026OVF          .00     .000 No_date    0:00     .00
02650>       [DT= 1.00]  SUM=  05:Pond1026ou      40.16     .044 No_date   21:16   15.16
02651> #          TENTH LINE DITCH FLOW SPLIT (OUTLETS A AND B)
02652>  008:0049----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02653>      DIVERT HYD      -> 05:Pond1026ou     40.16     .044 No_date   21:16   15.16
02654>             diverted <= 02:To807          39.33     .040 No_date   21:16   15.16
02655>             diverted <= 07:To809            .83     .004 No_date   21:16   15.16
02656>             diverted <= 03:To1025           .00     .000 No_date    0:00     .00
02657> #                  FLOWS TO OUTLET A/ NODE 2(UPSTREAM OF TENTH LINE)
02658>  008:0050----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02659>      ADD HYD            09:1000           123.69     .665 No_date   14:18   11.31
02660>                       + 04:To1000           .00     .000 No_date    0:00     .00
02661>       [DT= 1.00]  SUM=  05:Node 2          123.69     .665 No_date   14:18   11.31
02662> #                           FLOWS TO OUTLET B
02663>  008:0051----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02664>      CALIB NASHYD       01:207             1.22     .022 No_date   12:15    6.40
02665>       [CN= 55.3: N= 3.00]
02666>       [Tp=  .13:DT= 1.00]
02667>  008:0052----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02668>      ADD HYD            01:207             1.22     .022 No_date   12:15    6.40
02669>                       + 02:To807           39.33     .040 No_date   21:16   15.16
02670>       [DT= 1.00]  SUM=  06:807            40.55     .045 No_date   12:17   14.90
02671>  008:0053----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02672>      ADD HYD            03:To1025           .00     .000 No_date    0:00     .00
02673>                       + 05:Node 2          123.69     .665 No_date   14:18   11.31
02674>       [DT= 1.00]  SUM=  01:1025           123.69     .665 No_date   14:18   11.31
02675>  008:0054----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02676>      ADD HYD            07:To809            .83     .004 No_date   21:16   15.16
02677>                       + 01:1025           123.69     .665 No_date   14:18   11.31
02678>       [DT= 1.00]  SUM=  02:809            124.52     .665 No_date   14:18   11.33
02679>  008:0055----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02680>      ADD HYD            06:807             40.55     .045 No_date   12:17   14.90
02681>                       + 10:To806           26.41     .020 No_date   17:08   13.96
02682>       [DT= 1.00]  SUM=  03:806-OutB        66.95     .063 No_date   12:21   14.53
02683> #                        LINKSVIEW AND CONTRIBUTING AREAS
02684>  008:0056----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02685>      CALIB NASHYD       04:2502            5.52     .041 No_date   12:43    6.45
02686>       [CN= 58.4: N= 3.00]
02687>       [Tp=  .54:DT= 1.00]
02688>  008:0057----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02689>      CALIB NASHYD       05:2509            5.30     .060 No_date   12:28    6.93
02690>       [CN= 59.0: N= 3.00]
02691>       [Tp=  .33:DT= 1.00]
02692>  008:0058----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02693>      CALIB STANDHYD     06:2500           38.20    1.368 No_date   12:17   19.63
02694>       [XIMP=.30:TIMP=.50]
02695>       [LOSS= 2 :CN= 55.3]
02696>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02697>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 505.:MNI=.013:SCI=   .0]
02698>  008:0059----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02699>      ADD HYD            04:2502            5.52     .041 No_date   12:43    6.45
02700>                       + 05:2509            5.30     .060 No_date   12:28    6.93
```

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                    +  06:2500          38.20     1.368 No_date   12:17   19.63
      [DT= 1.00]  SUM=  07:Pondin        49.02     1.438 No_date   12:18   16.78
#                                  LINKSVIEW SWM FACILTIY
 008:0060----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE RESERVOIR -> 07:Pondin        49.02     1.438 No_date   12:18   16.78
       [RDT= 1.00] out<- 08:LinkPond     49.02      .092 No_date   15:24   16.77
            overflow <= 09:OVF            .00      .000 No_date    0:00     .00
     (MxStoUsed=.5206E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
 008:0061----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             08:LinkPond     49.02      .092 No_date   15:24   16.77
                    +  09:OVF             .00      .000 No_date    0:00     .00
      [DT= 1.00]  SUM=  04:Pondout       49.02      .092 No_date   15:24   16.77
#                                  FLOWS FROM TENTH LINE
 008:0062----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD      08:2601          .25      .024 No_date   12:12   29.85
       [XIMP=.64:TIMP=.64]
       [LOSS= 2 :CN= 49.0]
       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.013:SCI=   .0]
 008:0063----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD      09:2602          1.30      .104 No_date   12:14   29.85
       [XIMP=.64:TIMP=.64]
       [LOSS= 2 :CN= 49.0]
       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.013:SCI=   .0]
 008:0064----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     COMPUTE DUALHYD     09:2602          1.30      .104 No_date   12:14   29.85
       Major System /  06:Overflow         .00      .000 No_date    0:00     .00
       Minor System \  05:5yrflow          1.30      .104 No_date   12:14   29.85
#                  FLOWS IN POTENTIAL FUTURE OUTLET PIPE
 008:0065----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             04:Pondout      49.02      .092 No_date   15:24   16.77
                    +  05:5yrflow         1.30      .104 No_date   12:14   29.85
      [DT= 1.00]  SUM=  10:LinkPipe      50.32      .154 No_date   12:15   17.11
#                  FLOWS TO OUTLET A/NODE 3 (DOWNSTREAM OF TENTH LINE)
 008:0066----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             10:LinkPipe     50.32      .154 No_date   12:15   17.11
                    +  02:809            124.52      .665 No_date   14:18   11.33
                    +  06:Overflow          .00      .000 No_date    0:00     .00
                    +  08:2601              .25      .024 No_date   12:12   29.85
      [DT= 1.00]  SUM=  01:Node3         175.09      .761 No_date   14:14   13.02
#                  FLOWS TO NODE 4 (SUM OF OUTLETS A AND B)
 008:0067----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             01:Node3        175.09      .761 No_date   14:14   13.02
                    +  03:806-OutB       66.95      .063 No_date   12:21   14.53
      [DT= 1.00]  SUM=  04:Node4         242.04      .822 No_date   14:15   13.44
   ** END OF RUN :   8
 ***************************************************************************
```

5yr SCS

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 RUN:COMMAND#
 009:0001----------------------------------------------------------------------
     START
       [ZERO =    .00 hrs on       0]
       [METOUT=   2     (1=imperial, 2=metric output)]
       [NSTORM=   1 ]
       [NRUN  =   9 ]
#*************************************************************************
#  Project Name: [Linksview Post-Development]  Project Number: [183-2687]
#  Date        : 2014 08 22
#  Modified    :
#  Modeller    : [A.French]
#  Company     : C.F. Crozier & Associates Inc.
#  License #   :  3737016
#*************************************************************************
#*************************************************************************
 009:0002----------------------------------------------------------------------
     READ STORM
       Filename = STORM.001
       Comment  =
       [SDT= 1.00:SDUR=  24.00:PTOT=  62.40]
#              MAIR MILLS ESTATES AND CONTRIBUTING AREAS
 009:0003----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD        01:300           4.55      .091 No_date   12:54   20.45
       [CN= 71.0: N= 3.00]
       [Tp=  .74:DT= 1.00]
 009:0004----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE CHANNEL   -> 01:300           4.55      .091 No_date   12:54   20.45
       [RDT= 1.00] out<- 02:701          4.55      .066 No_date   13:22   20.45
       [L/S/n=  450./ .050/.040]
       [Vmax=  .183:Dmax=  .175]
 009:0005----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD        01:301           5.97      .135 No_date   12:47   20.45
       [CN= 71.0: N= 3.00]
       [Tp=  .63:DT= 1.00]
 009:0006----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             01:301           5.97      .135 No_date   12:47   20.45
                    +  02:701            4.55      .066 No_date   13:22   20.45
      [DT= 1.00]  SUM=  03:901           10.52      .186 No_date   12:56   20.45
 009:0007----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE CHANNEL   -> 03:901           10.52      .186 No_date   12:56   20.45
       [RDT= 1.00] out<- 01:702          10.52      .149 No_date   13:13   20.45
       [L/S/n=  300./ .050/.060]
       [Vmax=  .160:Dmax=  .346]
 009:0008----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE RESERVOIR -> 01:702           10.52      .149 No_date   13:13   20.45
       [RDT= 1.00] out<- 02:501          10.52      .142 No_date   13:29   20.45
            overflow <= 03:501OVF          .00      .000 No_date    0:00     .00
     (MxStoUsed=.9841E-02, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
 009:0009----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD      01:302           16.39      .787 No_date   12:21   29.34
       [XIMP=.20:TIMP=.40]
       [LOSS= 2 :CN= 65.2]
       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
       [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=   .0]
 009:0010----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             01:302           16.39      .787 No_date   12:21   29.34
                    +  02:501            10.52      .142 No_date   13:29   20.45
                    +  03:501OVF           .00      .000 No_date    0:00     .00
      [DT= 1.00]  SUM=  04:902           26.91      .807 No_date   12:21   25.87
 009:0011----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD      01:303            2.34      .158 No_date   12:15   32.73
       [XIMP=.25:TIMP=.50]
       [LOSS= 2 :CN= 65.2]
       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
       [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=   .0]
 009:0012----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             01:303            2.34      .158 No_date   12:15   32.73
                    +  04:902            26.91      .807 No_date   12:21   25.87
      [DT= 1.00]  SUM=  02:903           29.25      .946 No_date   12:20   26.41
 009:0013----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD        01:304            2.90      .099 No_date   12:23   17.83
       [CN= 66.6: N= 3.00]
       [Tp=  .28:DT= 1.00]
 009:0014----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             01:304            2.90      .099 No_date   12:23   17.83
                    +  02:903            29.25      .946 No_date   12:20   26.41
      [DT= 1.00]  SUM=  03:904           32.15     1.042 No_date   12:20   25.64
 009:0015----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD      01:305             .31      .013 No_date   12:12   25.84
       [XIMP=.20:TIMP=.20]
       [LOSS= 2 :CN= 65.2]
       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
       [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
 009:0016----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             01:305             .31      .013 No_date   12:12   25.84
                    +  03:904            32.15     1.042 No_date   12:20   25.64
      [DT= 1.00]  SUM=  02:905           32.46     1.046 No_date   12:20   25.64
#                  MAIR MILLS ESTATES SWM FACILITY
 009:0017----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE RESERVOIR -> 02:905           32.46     1.046 No_date   12:20   25.64
       [RDT= 1.00] out<- 03:502          32.46      .134 No_date   15:26   25.64
            overflow <= 04:502OVF          .00      .000 No_date    0:00     .00
     (MxStoUsed=.4661E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
 009:0018----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD        01:400            5.70      .049 No_date   12:54    9.02
       [CN= 50.2: N= 3.00]
       [Tp=  .70:DT= 1.00]
 009:0019----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             01:400            5.70      .049 No_date   12:54    9.02
                    +  03:502            32.46      .134 No_date   15:26   25.64
                    +  04:502OVF           .00      .000 No_date    0:00     .00
      [DT= 1.00]  SUM=  02:906           38.16      .150 No_date   14:33   23.16
#                  FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
 009:0020----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     DIVERT HYD      -> 02:906           38.16      .150 No_date   14:33   23.16
            diverted <= 10:To806         17.06      .020 No_date   14:33   23.16
            diverted <= 03:To1023        10.55      .065 No_date   14:33   23.16
            diverted <= 01:To1022        10.55      .065 No_date   14:33   23.16
#                  TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
#                                  FLOW AT NODE 1
 009:0021----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD        01:2501          85.82     1.103 No_date   14:05   24.39
       [CN= 78.8: N= 3.00]
       [Tp= 1.72:DT= 1.00]
 009:0022----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE CHANNEL   -> 01:2501          85.82     1.103 No_date   14:05   24.39
       [RDT= 1.00] out<- 02:RC1          85.82     1.091 No_date   14:24   24.39
       [L/S/n=  350./1.500/.030]
       [Vmax=  .633:Dmax=  .845]
 009:0023----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD        01:2504           7.94      .098 No_date   12:42   10.67
       [CN= 53.0: N= 3.00]
       [Tp=  .55:DT= 1.00]
 009:0024----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             01:2504           7.94      .098 No_date   12:42   10.67
                    +  02:RC1            85.82     1.091 No_date   14:24   24.39
      [DT= 1.00]  SUM=  04:2501+2504     93.76     1.115 No_date   14:23   23.23
 009:0025----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE CHANNEL   -> 04:2501+2504     93.76     1.115 No_date   14:23   23.23
       [RDT= 1.00] out<- 02:RC2          93.76     1.113 No_date   14:28   23.23
       [L/S/n=  425./1.250/.030]
       [Vmax= 1.119:Dmax=  .718]
 009:0026----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD        01:2503           7.76      .118 No_date   12:51   14.91
       [CN= 62.3: N= 3.00]
       [Tp=  .68:DT= 1.00]
 009:0027----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD        05:2505           6.99      .087 No_date   12:49   12.03
       [CN= 54.0: N= 3.00]
       [Tp=  .65:DT= 1.00]
 009:0028----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             01:2503           7.76      .118 No_date   12:51   14.91
                    +  02:RC2            93.76     1.113 No_date   14:28   23.23
                    +  05:2505            6.99      .087 No_date   12:49   12.03
      [DT= 1.00]  SUM=  06:2503+2505+    108.51     1.177 No_date   14:22   21.91
 009:0029----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD        01:2506           2.50      .037 No_date   12:32   10.24
       [CN= 49.0: N= 3.00]
       [Tp=  .41:DT= 1.00]
 009:0030----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             01:2506           2.50      .037 No_date   12:32   10.24
                    +  06:2503+2505+    108.51     1.177 No_date   14:22   21.91
      [DT= 1.00]  SUM=  02:RC+2506       111.01     1.183 No_date   14:21   21.65
 009:0031----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE CHANNEL   -> 02:RC+2506       111.01     1.183 No_date   14:21   21.65
       [RDT= 1.00] out<- 04:RC3          111.01     1.182 No_date   14:26   21.65
       [L/S/n=  200./1.000/.030]
       [Vmax=  .926:Dmax=  .726]
 009:0032----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD        01:2507           5.22      .063 No_date   12:41   10.24
       [CN= 49.0: N= 3.00]
       [Tp=  .54:DT= 1.00]
 009:0033----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             01:2507           5.22      .063 No_date   12:41   10.24
                    +  04:RC3            111.01     1.182 No_date   14:26   21.65
      [DT= 1.00]  SUM=  02:2507+RC       116.23     1.196 No_date   14:21   21.14
 009:0034----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD        01:2508           7.46      .083 No_date   12:47   10.50
       [CN= 50.0: N= 3.00]
       [Tp=  .63:DT= 1.00]
 009:0035----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             01:2508           7.46      .083 No_date   12:47   10.50
                    +  02:2507+RC       116.23     1.196 No_date   14:21   21.14
      [DT= 1.00]  SUM=  09:1000          123.69     1.221 No_date   14:20   20.50
#                  MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
 009:0036----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD        01:103            8.70      .149 No_date   12:37   13.18
       [CN= 59.2: N= 3.00]
       [Tp=  .48:DT= 1.00]
 009:0037----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             01:103            8.70      .149 No_date   12:37   13.18
                    +  03:To1023         10.55      .065 No_date   14:33   23.16
      [DT= 1.00]  SUM=  02:1023          19.25      .185 No_date   12:43   18.65
 009:0038----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD        01:205            1.41      .033 No_date   12:19   10.18
       [CN= 51.1: N= 3.00]
       [Tp=  .20:DT= 1.00]
 009:0039----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             01:205            1.41      .033 No_date   12:19   10.18
                    +  02:1023           19.25      .185 No_date   12:43   18.65
      [DT= 1.00]  SUM=  03:802           20.66      .198 No_date   12:40   18.07
 009:0040----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD      01:201           18.41     1.694 No_date   12:12   33.67
       [XIMP=.43:TIMP=.56]
       [LOSS= 2 :CN= 49.0]
       [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
       [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
 009:0041----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             01:201           18.41     1.694 No_date   12:12   33.67
                    +  03:802            20.66      .198 No_date   12:40   18.07
      [DT= 1.00]  SUM=  02:803           39.07     1.784 No_date   12:12   25.42
 009:0042----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD        01:202            1.10      .020 No_date   12:23    9.45
       [CN= 55.0: N= 3.00]
       [Tp=  .25:DT= 1.00]
 009:0043----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             01:202            1.10      .020 No_date   12:23    9.45
                    +  02:803            39.07     1.764 No_date   12:12   25.42
      [DT= 1.00]  SUM=  03:804           40.17     1.797 No_date   12:12   24.96
 009:0044----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD        01:1021           4.66      .051 No_date   12:58   12.15
       [CN= 55.3: N= 3.00]
       [Tp=  .78:DT= 1.00]
 009:0045----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     COMPUTE DUALHYD     01:1021           4.66      .051 No_date   12:58   12.15
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02971>          Major System /  04:To1000          .07     .005 No_date   12:58   12.15
02972>          Minor System \  02:To810          4.59     .046 No_date   12:41   12.15
02973>  009:0046---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02974>       ADD HYD            02:To810          4.59     .046 No_date   12:41   12.15
02975>                        + 03:804           40.17    1.797 No_date   12:12   24.98
02976>       [DT= 1.00]  SUM=  05:810           44.76    1.810 No_date   12:12   23.67
02977> #                        MAIR MILLS VILLAGE 5MMF
02978>  009:0047---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02979>       ROUTE RESERVOIR -> 05:810          44.76    1.810 No_date   12:12   23.67
02980>        [RDT= 1.00] out<- 02:1026         44.76     .213 No_date   14:16   23.67
02981>                  overflow <= 03:1026OVF    .00     .000 No_date    0:00     .00
02982>        [MxStoUsed=.5110E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
02983>  009:0048---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02984>       ADD HYD            02:1026          44.76     .213 No_date   14:16   23.67
02985>                        + 03:1026OVF        .00     .000 No_date    0:00     .00
02986>       [DT= 1.00]  SUM=  05:Pond1026ou    44.76     .213 No_date   14:16   23.67
02987> #            TENTH LINE DITCH FLOW SPLIT (OUTLETS A AND B)
02988>  009:0049---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02989>       DIVERT HYD       -> 05:Pond1026ou  44.76     .213 No_date   14:16   23.67
02990>                 diverted <= 02:To807     27.49     .040 No_date   14:16   23.67
02991>                 diverted <= 07:To809     17.27     .173 No_date   14:16   23.67
02992>                 diverted <= 03:To1025      .00     .000 No_date    0:00     .00
02993> #                    FLOWS TO OUTLET A/ NODE 2(UPSTREAM OF TENTH LINE)
02994>  009:0050---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02995>       ADD HYD            09:1000         123.69    1.221 No_date   14:20   20.50
02996>                        + 04:To1000         .07     .005 No_date   12:58   12.15
02997>       [DT= 1.00]  SUM=  05:Node 2       123.76    1.221 No_date   14:20   20.50
02998> #                          FLOWS TO OUTLET B
02999>  009:0051---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03000>       CALIB NASHYD       01:207            1.22     .043 No_date   12:15   12.15
03001>        [CN= 55.3: N= 3.00]
03002>        [Tp=  .13:DT= 1.00]
03003>  009:0052---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03004>       ADD HYD            01:207            1.22     .043 No_date   12:15   12.15
03005>                        + 02:To807          27.49     .040 No_date   14:16   23.67
03006>       [DT= 1.00]  SUM=  06:807            28.71     .077 No_date   12:16   23.18
03007>  009:0053---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03008>       ADD HYD            03:To1025          .00     .000 No_date    0:00     .00
03009>                        + 05:Node 2       123.76    1.221 No_date   14:20   20.50
03010>       [DT= 1.00]  SUM=  01:1025           123.76    1.221 No_date   14:20   20.50
03011>  009:0054---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03012>       ADD HYD            07:To809          17.27     .173 No_date   14:16   23.67
03013>                        + 01:1025          123.76    1.221 No_date   14:20   20.50
03014>       [DT= 1.00]  SUM=  02:809            141.03    1.395 No_date   14:18   20.88
03015>  009:0055---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03016>       ADD HYD            06:807            28.71     .077 No_date   12:16   23.18
03017>                        + 10:To806          17.06     .020 No_date   14:33   23.16
03018>       [DT= 1.00]  SUM=  03:806-OutB       45.77     .097 No_date   12:16   23.17
03019> #                    LINKSVIEW AND CONTRIBUTING AREAS
03020>  009:0056---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03021>       CALIB NASHYD       04:2502           5.52     .082 No_date   12:42   12.55
03022>        [CN= 58.4: N= 3.00]
03023>        [Tp=  .54:DT= 1.00]
03024>  009:0057---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03025>       CALIB NASHYD       05:2509           5.30     .118 No_date   12:27   13.23
03026>        [CN= 59.0: N= 3.00]
03027>        [Tp=  .33:DT= 1.00]
03028>  009:0058---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03029>       CALIB STANDHYD     06:2500          38.20    2.171 No_date   12:17   29.91
03030>        [XIMP=.30:TIMP=.50]
03031>        [LOSS= 2 :CN= 55.3]
03032>        [Pervious    area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
03033>        [Impervious  area: IAimp= 2.00:SLPI= .50:LGI= 505.:MNI=.013:SCI=   .0]
03034>  009:0059---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03035>       ADD HYD            04:2502           5.52     .082 No_date   12:42   12.55
03036>                        + 05:2509           5.30     .118 No_date   12:27   13.23
03037>                        + 06:2500          38.20    2.171 No_date   12:17   29.91
03038>       [DT= 1.00]  SUM=  07:Pondin         49.02    2.312 No_date   12:17   26.15
03039> #                    LINKSVIEW SWM FACILITY
03040>  009:0060---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03041>       ROUTE RESERVOIR -> 07:Pondin       49.02    2.312 No_date   12:17   26.15
03042>        [RDT= 1.00] out<- 08:LinkPond     49.02     .264 No_date   13:59   26.15
03043>                  overflow <= 09:OVF        .00     .000 No_date    0:00     .00
03044>        [MxStoUsed=.7433E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03045>  009:0061---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03046>       ADD HYD            08:LinkPond       49.02     .264 No_date   13:59   26.15
03047>                        + 09:OVF            .00     .000 No_date    0:00     .00
03048>       [DT= 1.00]  SUM=  04:Pondout        49.02     .264 No_date   13:59   26.15
03049> #                          FLOWS FROM TENTH LINE
03050>  009:0062---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03051>       CALIB STANDHYD     08:2601            .25     .034 No_date   12:12   42.34
03052>        [XIMP=.64:TIMP=.64]
03053>        [LOSS= 2 :CN= 49.0]
03054>        [Pervious    area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
03055>        [Impervious  area: IAimp= 2.00:SLPI= .50:LGI=  40.:MNI=.013:SCI=   .0]
03056>  009:0063---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03057>       CALIB STANDHYD     09:2602           1.30     .153 No_date   12:13   42.34
03058>        [XIMP=.64:TIMP=.64]
03059>        [LOSS= 2 :CN= 49.0]
03060>        [Pervious    area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
03061>        [Impervious  area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.013:SCI=   .0]
03062>  009:0064---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03063>       COMPUTE DUALHYD    09:2602           1.30     .153 No_date   12:13   42.34
03064>          Major System /  06:Overflow        .00     .000 No_date    0:00     .00
03065>          Minor System \  05:5yrflow        1.30     .153 No_date   12:13   42.34
03066> #                    FLOWS IN POTENTIAL FUTURE OUTLET PIPE
03067>  009:0065---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03068>       ADD HYD            04:Pondout        49.02     .264 No_date   13:59   26.15
03069>                        + 05:5yrflow        1.30     .153 No_date   12:13   42.34
03070>       [DT= 1.00]  SUM=  10:LinkPipe       50.32     .273 No_date   13:59   26.57
03071> #                    FLOWS TO OUTLET A/NODE 3 (DOWNSTREAM OF TENTH LINE)
03072>  009:0066---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03073>       ADD HYD            10:LinkPipe       50.32     .273 No_date   13:59   26.57
03074>                        + 02:809           141.03    1.395 No_date   14:18   20.88
03075>                        + 06:Overflow         .00     .000 No_date    0:00     .00
03076>                        + 08:2601             .25     .034 No_date   12:12   42.34
03077>       [DT= 1.00]  SUM=  01:Node3         191.60    1.667 No_date   14:16   22.40
03078> #                    FLOWS TO NODE 4 (SUM OF OUTLETS A AND B)
03079>  009:0067---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03080>       ADD HYD            01:Node3          191.60    1.667 No_date   14:16   22.40
03081>                        + 03:806-OutB       45.77     .097 No_date   12:16   23.17
03082>       [DT= 1.00]  SUM=  04:Node4          237.37    1.730 No_date   14:15   22.55
03083>   ** END OF RUN :  9
03084>
03085>  ************************************************************************
03086>
03087>
03088>                                                    10yr SCS
03089>
03090>
03091>  RUN:COMMAND#
03092>  010:0001---------------------------------------------------------------------
03093>       START
03094>         [TZERO =    .00 hrs on       0]
03095>         [METOUT=    2    (1=imperial, 2=metric output)]
03096>         [NSTORM=    1 ]
03097>         [NRUN  =   10 ]
03098> #*************************************************************************
03099> #  Project Name: [Linksview Post-Development]  Project Number: [183-2687]
03100> #  Date        : 2014 08 22
03101> #  Modified    :
03102> #  Modeller    : [A.French]
03103> #  Company     : C.F. Crozier & Associates Inc.
03104> #  License #   : 3737016
03105> #*************************************************************************
03106> #************************************************************************
03107>  010:0002---------------------------------------------------------------------
03108>       READ STORM
03109>         Filename = STORM.001
03110>         Comment  =
03111>         [SDT= 1.00:SDUR=  24.00:PTOT=  72.00]
03112> #            MAIR MILLS ESTATES AND CONTRIBUTING AREAS
03113>  010:0003---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03114>       CALIB NASHYD       01:300            4.55     .118 No_date   12:54   26.29
03115>        [CN= 71.0: N= 3.00]
03116>        [Tp=  .74:DT= 1.00]
03117>  010:0004---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03118>       ROUTE CHANNEL   -> 01:300           4.55     .118 No_date   12:54   26.29
03119>        [RDT= 1.00] out<- 02:701           4.55     .089 No_date   13:17   26.29
03120>        [L/S/n=  450./ .050/.040]
03121>        [Vmax=  .209:Dmax=  .203]
03122>  010:0005---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03123>       CALIB NASHYD       01:301            5.97     .175 No_date   12:46   26.29
03124>        [CN= 71.0: N= 3.00]
03125>        [Tp=  .63:DT= 1.00]
03126>  010:0006---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03127>       ADD HYD            01:301            5.97     .175 No_date   12:46   26.29
03128>                        + 02:701            4.55     .089 No_date   13:17   26.29
03129>       [DT= 1.00]  SUM=  03:901           10.52     .246 No_date   12:55   26.29
03130>  010:0007---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03131>       ROUTE CHANNEL   -> 03:901           10.52     .246 No_date   12:55   26.29
03132>        [RDT= 1.00] out<- 01:702           10.52     .202 No_date   13:12   26.29
03133>        [L/S/n=  450./ .050/.060]
03134>        [Vmax=  .179:Dmax=  .385]
03135>  010:0008---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03136>       ROUTE RESERVOIR -> 01:702          10.52     .202 No_date   13:12   26.29
03137>        [RDT= 1.00] out<- 02:501          10.52     .170 No_date   13:45   26.29
03138>                  overflow <= 03:501OVF      .00     .000 No_date    0:00     .00
03139>        [MxStoUsed=.1745E-01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03140>  010:0009---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03141>       CALIB STANDHYD     01:302           16.39    1.012 No_date   12:20   36.03
03142>        [XIMP=.20:TIMP=.40]
03143>        [LOSS= 2 :CN= 65.2]
03144>        [Pervious    area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
03145>        [Impervious  area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=   .0]
03146>  010:0010---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03147>       ADD HYD            01:302           16.39    1.012 No_date   12:20   36.03
03148>                        + 02:501           10.52     .170 No_date   13:45   26.29
03149>                        + 03:501OVF          .00     .000 No_date    0:00     .00
03150>       [DT= 1.00]  SUM=  04:902           26.91    1.043 No_date   12:21   32.22
03151>  010:0011---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03152>       CALIB STANDHYD     01:303            2.34     .199 No_date   12:16   39.86
03153>        [XIMP=.25:TIMP=.50]
03154>        [LOSS= 2 :CN= 65.2]
03155>        [Pervious    area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
03156>        [Impervious  area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=   .0]
03157>  010:0012---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03158>       ADD HYD            01:303            2.34     .199 No_date   12:16   39.86
03159>                        + 04:902           26.91    1.043 No_date   12:21   32.22
03160>       [DT= 1.00]  SUM=  02:903           29.25    1.220 No_date   12:19   32.83
03161>  010:0013---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03162>       CALIB NASHYD       01:304            2.90     .129 No_date   12:23   23.09
03163>        [CN= 66.6: N= 3.00]
03164>        [Tp=  .28:DT= 1.00]
03165>  010:0014---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03166>       ADD HYD            01:304            2.90     .129 No_date   12:23   23.09
03167>                        + 02:903           29.25    1.220 No_date   12:19   32.83
03168>       [DT= 1.00]  SUM=  03:904           32.15    1.345 No_date   12:20   31.95
03169>  010:0015---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03170>       CALIB STANDHYD     01:305             .31     .016 No_date   12:12   31.83
03171>        [XIMP=.20:TIMP=.20]
03172>        [LOSS= 2 :CN= 65.2]
03173>        [Pervious    area: IAper= 5.00:SLPP= .50:LGP= 100.:MNP=.250:SCP=   .0]
03174>        [Impervious  area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
03175>  010:0016---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03176>       ADD HYD            01:305             .31     .016 No_date   12:12   31.83
03177>                        + 03:904           32.15    1.345 No_date   12:20   31.95
03178>       [DT= 1.00]  SUM=  02:905           32.46    1.351 No_date   12:20   31.95
03179> #                    MAIR MILLS ESTATES SWM FACILITY
03180>  010:0017---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03181>       ROUTE RESERVOIR -> 02:905          32.46    1.351 No_date   12:20   31.95
03182>        [RDT= 1.00] out<- 03:902          32.46     .150 No_date   15:40   31.95
03183>                  overflow <= 04:902OVF      .00     .000 No_date    0:00     .00
03184>        [MxStoUsed=.5885E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03185>  010:0018---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03186>       CALIB NASHYD       01:400            5.70     .068 No_date   12:53   12.24
03187>        [CN= 50.2: N= 3.00]
03188>        [Tp=  .70:DT= 1.00]
03189>  010:0019---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03190>       ADD HYD            01:400            5.70     .068 No_date   12:53   12.24
03191>                        + 03:902           32.46     .150 No_date   15:40   31.95
03192>                        + 04:902OVF          .00     .000 No_date    0:00     .00
03193>       [DT= 1.00]  SUM=  02:906           38.16     .197 No_date   13:07   29.01
03194> #            FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
03195>  010:0020---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03196>       DIVERT HYD       -> 02:906          38.16     .197 No_date   13:07   29.01
03197>                 diverted <= 10:To806     14.16     .020 No_date   13:07   29.01
03198>                 diverted <= 03:To1023    12.00     .089 No_date   13:07   29.01
03199>                 diverted <= 01:To1022    12.00     .089 No_date   13:07   29.01
03200> #                    TAYLOR"S CREEK UPSTREAM CATCHMENT AREAS
03201> #                              FLOW AT NODE 1
03202>  010:0021---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03203>       CALIB NASHYD       01:2501           85.82    1.429 No_date   14:03   31.25
03204>        [CN= 78.8: N= 3.00]
03205>        [Tp= 1.72:DT= 1.00]
03206>  010:0022---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03207>       ROUTE CHANNEL   -> 01:2501          85.82    1.429 No_date   14:03   31.25
03208>        [RDT= 1.00] out<- 02:RC1           85.82    1.414 No_date   14:19   31.25
03209>        [L/S/n=  350./1.500/.030]
03210>        [Vmax=  .570:Dmax=  .881]
03211>  010:0023---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03212>       CALIB NASHYD       01:2504           7.94     .133 No_date   12:42   14.26
03213>        [CN= 53.0: N= 3.00]
03214>        [Tp=  .55:DT= 1.00]
03215>  010:0024---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03216>       ADD HYD            01:2504           7.94     .133 No_date   12:42   14.26
03217>                        + 02:RC1           85.82    1.414 No_date   14:19   31.25
03218>       [DT= 1.00]  SUM=  04:2501+2504      93.76    1.449 No_date   14:13   29.81
03219>  010:0025---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03220>       ROUTE CHANNEL   -> 04:2501+2504     93.76    1.449 No_date   14:13   29.81
03221>        [RDT= 1.00] out<- 02:RC2           93.76    1.445 No_date   14:23   29.81
03222>        [L/S/n=  425./1.250/.030]
03223>        [Vmax= 1.115:Dmax=  .765]
03224>  010:0026---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03225>       CALIB NASHYD       01:2503           7.76     .156 No_date   12:50   19.57
03226>        [CN= 62.3: N= 3.00]
03227>        [Tp=  .69:DT= 1.00]
03228>  010:0027---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03229>       CALIB NASHYD       05:2505           6.99     .116 No_date   12:48   15.84
03230>        [CN= 54.0: N= 3.00]
03231>        [Tp=  .65:DT= 1.00]
03232>  010:0028---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03233>       ADD HYD            01:2503           7.76     .156 No_date   12:50   19.57
03234>                        + 02:RC2           93.76    1.445 No_date   14:23   29.81
03235>                        + 05:2505           6.99     .116 No_date   12:48   15.84
03236>       [DT= 1.00]  SUM=  06:2503+2505+    108.51    1.534 No_date   14:15   28.18
03237>  010:0029---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03238>       CALIB NASHYD       01:2506           2.50     .049 No_date   12:32   13.55
03239>        [CN= 49.0: N= 3.00]
03240>        [Tp=  .41:DT= 1.00]
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03241>  010:0030----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03242>       ADD HYD            01:2506             2.50     .049 No_date   12:32   13.55
03243>                      +  06:2503+2505+     108.51    1.534 No_date   14:15   28.18
03244>         [DT= 1.00]  SUM=  02:RC+2506       111.01    1.542 No_date   14:14   27.85
03245>  010:0031----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03246>       ROUTE CHANNEL   -> 02:RC+2506       111.01    1.542 No_date   14:14   27.85
03247>         [RDT= 1.00] out<- 04:RC3           111.01    1.541 No_date   14:19   27.85
03248>         [L/S/n=  200,/1.000/.030]
03249>         (Vmax=  .915:Dmax=  .777]
03250>  010:0032----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03251>       CALIB NASHYD       01:2507             5.22     .084 No_date   12:41   13.55
03252>         (CN= 49.0: N= 3.00]
03253>         [Tp=  .54:DT= 1.00]
03254>  010:0033----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03255>       ADD HYD            01:2507             5.22     .084 No_date   12:41   13.55
03256>                      +  04:RC3           111.01    1.541 No_date   14:19   27.85
03257>         [DT= 1.00]  SUM=  02:2507+RC       116.23    1.561 No_date   14:17   27.21
03258>  010:0034----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03259>       CALIB NASHYD       01:2508             7.46     .111 No_date   12:47   13.98
03260>         [CN= 50.0: N= 3.00]
03261>         [Tp=  .63:DT= 1.00]
03262>  010:0035----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03263>       ADD HYD            01:2508             7.46     .111 No_date   12:47   13.98
03264>                      +  02:2507+RC       116.23    1.561 No_date   14:17   27.21
03265>         [DT= 1.00]  SUM=  09:1000          123.69    1.595 No_date   14:15   26.41
03266> #                 MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
03267>  010:0036----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03268>       CALIB NASHYD       01:103              8.70     .199 No_date   12:37   17.45
03269>         [CN= 59.2: N= 3.00]
03270>         [Tp=  .48:DT= 1.00]
03271>  010:0037----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03272>       ADD HYD            01:103              8.70     .199 No_date   12:37   17.45
03273>                      +  03:To1023          12.00     .089 No_date   13:07   29.01
03274>         [DT= 1.00]  SUM=  02:1023          20.70     .263 No_date   12:43   24.15
03275>  010:0038----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03276>       CALIB NASHYD       01:205              1.41     .044 No_date   12:19   13.60
03277>         [CN= 51.1: N= 3.00]
03278>         [Tp=  .20:DT= 1.00]
03279>  010:0039----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03280>       ADD HYD            01:205              1.41     .044 No_date   12:19   13.60
03281>                      +  02:1023          20.70     .263 No_date   12:43   24.15
03282>         [DT= 1.00]  SUM=  03:802           22.11     .281 No_date   12:39   23.48
03283>  010:0040----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03284>       CALIB STANDHYD     01:201             18.41    2.035 No_date   12:12   40.06
03285>         [XIMP=.43:TIMP=.56]
03286>         [LOSS= 2 :CN= 49.0]
03287>         (Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
03288>         [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
03289>  010:0041----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03290>       ADD HYD            01:201             18.41    2.035 No_date   12:12   40.06
03291>                      +  03:802           22.11     .281 No_date   12:39   23.48
03292>         [DT= 1.00]  SUM=  02:803           40.52    2.162 No_date   12:12   31.01
03293>  010:0042----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03294>       CALIB NASHYD       01:202              1.10     .028 No_date   12:22   13.01
03295>         [CN= 55.0: N= 3.00]
03296>         [Tp=  .25:DT= 1.00]
03297>  010:0043----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03298>       ADD HYD            01:202              1.10     .028 No_date   12:22   13.01
03299>                      +  02:803           40.52    2.162 No_date   12:12   31.01
03300>         [DT= 1.00]  SUM=  03:804           41.62    2.180 No_date   12:12   30.54
03301>  010:0044----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03302>       CALIB NASHYD       01:1021             4.66     .069 No_date   12:58   16.06
03303>         [CN= 55.3: N= 3.00]
03304>         [Tp=  .78:DT= 1.00]
03305>  010:0045----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03306>       COMPUTE DUALHYD    01:1021             4.66     .069 No_date   12:58   16.06
03307>           Major System /  04:To1000           .42     .023 No_date   12:58   16.06
03308>             Minor System \  02:To810          4.24     .046 No_date   12:28   16.06
03309>  010:0046----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03310>       ADD HYD            02:To810            4.24     .046 No_date   12:28   16.06
03311>                      +  03:804           41.62    2.180 No_date   12:12   30.54
03312>         [DT= 1.00]  SUM=  05:810           45.86    2.200 No_date   12:12   29.20
03313> #                       MAIR MILLS VILLAGE SWMF
03314>  010:0047----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03315>       ROUTE RESERVOIR -> 05:810           45.86    2.200 No_date   12:12   29.20
03316>         [RDT= 1.00] out<- 02:1026          45.86     .323 No_date   13:40   29.19
03317>                overflow <= 03:1026OVF        .00     .000 No_date    0:00     .00
03318>         [MxStoUsed=.5707E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03319>  010:0048----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03320>       ADD HYD            02:1026            45.86     .323 No_date   13:40   29.19
03321>                      +  03:1026OVF         .00     .000 No_date    0:00     .00
03322>         [DT= 1.00]  SUM=  05:Pond1026ou     45.86     .323 No_date   13:40   29.19
03323> #              TENTH LINE DITCH FLOW SPLIT (OUTLETS A AND B)
03324>  010:0049----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03325>       DIVERT HYD      -> 05:Pond1026ou     45.86     .323 No_date   13:40   29.19
03326>                 diverted <= 02:To807       23.24     .040 No_date   13:40   29.19
03327>                 diverted <= 07:To809       22.63     .283 No_date   13:40   29.19
03328>                 diverted <= 03:To1025        .00     .000 No_date    0:00     .00
03329> #                   FLOWS TO OUTLET A/ NODE 2(UPSTREAM OF TENTH LINE)
03330>  010:0050----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03331>       ADD HYD            09:1000            123.69    1.595 No_date   14:15   26.41
03332>                      +  04:To1000           .42     .023 No_date   12:58   16.06
03333>         [DT= 1.00]  SUM=  05:Node 2         124.11    1.595 No_date   14:15   26.37
03334> #                                 FLOWS TO OUTLET B
03335>  010:0051----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03336>       CALIB NASHYD       01:207              1.22     .057 No_date   12:15   16.06
03337>         [CN= 55.3: N= 3.00]
03338>         [Tp=  .13:DT= 1.00]
03339>  010:0052----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03340>       ADD HYD            01:207              1.22     .057 No_date   12:15   16.06
03341>                      +  02:To807           23.24     .040 No_date   13:40   29.19
03342>         [DT= 1.00]  SUM=  06:807           24.46     .097 No_date   12:15   28.54
03343>  010:0053----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03344>       ADD HYD            03:To1025           .00     .000 No_date    0:00     .00
03345>                      +  05:Node 2         124.11    1.595 No_date   14:15   26.37
03346>         [DT= 1.00]  SUM=  01:1025          124.11    1.595 No_date   14:15   26.37
03347>  010:0054----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03348>       ADD HYD            07:To809            22.63     .283 No_date   13:40   29.19
03349>                      +  01:1025          124.11    1.595 No_date   14:15   26.37
03350>         [DT= 1.00]  SUM=  02:809           146.73    1.870 No_date   14:13   26.81
03351>  010:0055----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03352>       ADD HYD            06:807             24.46     .097 No_date   12:15   28.54
03353>                      +  10:To806           14.16     .020 No_date   13:07   29.01
03354>         [DT= 1.00]  SUM=  03:806-OutB       38.62     .117 No_date   12:15   28.71
03355> #                   LINKSVIEW AND CONTRIBUTING AREAS
03356>  010:0056----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03357>       CALIB NASHYD       04:2502             5.52     .111 No_date   12:41   16.70
03358>         [CN= 58.4: N= 3.00]
03359>         [Tp=  .54:DT= 1.00]
03360>  010:0057----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03361>       CALIB NASHYD       05:2509             5.30     .157 No_date   12:27   17.49
03362>         [CN= 59.0: N= 3.00]
03363>         [Tp=  .33:DT= 1.00]
03364>  010:0058----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03365>       CALIB STANDHYD     06:2500            38.20    2.701 No_date   12:16   36.24
03366>         [XIMP=.30:TIMP=.50]
03367>         [LOSS= 2 :CN= 55.3]
03368>         (Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
03369>         [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 505.:MNI=.013:SCI=   .0]
03370>  010:0059----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03371>       ADD HYD            04:2502             5.52     .111 No_date   12:41   16.70
03372>                      +  05:2509             5.30     .157 No_date   12:27   17.49
03373>                      +  06:2500            38.20    2.701 No_date   12:16   36.24
03374>         [DT= 1.00]  SUM=  07:Pondin         49.02    2.886 No_date   12:17   32.01
03375> #                          LINKSVIEW SWM FACILTIY
03376>  010:0060----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03377>       ROUTE RESERVOIR -> 07:Pondin        49.02    2.886 No_date   12:17   32.01
03378>         [RDT= 1.00] out<- 08:LinkPond      49.02     .393 No_date   13:36   32.01
03379>                overflow <= 09:OVF            .00     .000 No_date    0:00     .00
03380>         [MxStoUsed=.8733E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03381>  010:0061----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03382>       ADD HYD            08:LinkPond        49.02     .393 No_date   13:36   32.01
03383>                      +  09:OVF             .00     .000 No_date    0:00     .00
03384>         [DT= 1.00]  SUM=  04:Pondout        49.02     .393 No_date   13:36   32.01
03385> #                                 FLOWS FROM TENTH LINE
03386>  010:0062----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03387>       CALIB STANDHYD     08:2601              .25     .040 No_date   12:12   49.68
03388>         [XIMP=.64:TIMP=.64]
03389>         [LOSS= 2 :CN= 49.0]
03390>         (Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
03391>         [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.013:SCI=   .0]
03392>  010:0063----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03393>       CALIB STANDHYD     09:2602             1.30     .181 No_date   12:13   49.68
03394>         [XIMP=.64:TIMP=.64]
03395>         [LOSS= 2 :CN= 49.0]
03396>         (Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
03397>         [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.013:SCI=   .0]
03398>  010:0064----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03399>       COMPUTE DUALHYD    09:2602             1.30     .181 No_date   12:13   49.68
03400>           Major System /  06:Overflow         .00     .000 No_date    0:00     .00
03401>           Minor System \  05:Syrflow         1.30     .181 No_date   12:13   49.68
03402> #                   FLOWS IN POTENTIAL FUTURE OUTLET PIPE
03403>  010:0065----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03404>       ADD HYD            04:Pondout         49.02     .393 No_date   13:36   32.01
03405>                      +  05:Syrflow         1.30     .181 No_date   12:13   49.68
03406>         [DT= 1.00]  SUM=  10:LinkPipe       50.32     .403 No_date   13:35   32.47
03407> #                   FLOWS TO OUTLET A/NODE 3 (DOWNSTREAM OF TENTH LINE)
03408>  010:0066----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03409>       ADD HYD            10:LinkPipe        50.32     .403 No_date   13:35   32.47
03410>                      +  02:809           146.73    1.870 No_date   14:13   26.81
03411>                      +  06:Overflow        .00     .000 No_date    0:00     .00
03412>                      +  08:2601            .25     .040 No_date   12:12   49.68
03413>         [DT= 1.00]  SUM=  01:Node3         197.30    2.264 No_date   14:08   28.28
03414> #                   FLOWS TO NODE 4 (SUM OF OUTLETS A AND B)
03415>  010:0067----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03416>       ADD HYD            01:Node3           197.30    2.264 No_date   14:08   28.28
03417>                      +  03:806-OutB        38.62     .117 No_date   12:15   28.71
03418>         [DT= 1.00]  SUM=  04:Node4         235.92    2.328 No_date   14:08   28.35
03419>    ** END OF RUN :  10
03420>
03421>  ************************************************************************
03422>
03423>
03424>
03425>
03426>
03427>  RUN:COMMAND#
03428>  011:0001----------------------------------------------------------------
03429>       START
03430>         [TZERO =    .00 hrs on        0]
03431>         [METOUT=   2    (1=imperial, 2=metric output)]
03432>         [NSTORM=   1 ]
03433>         [NRUN  =   11 ]
03434> #*************************************************************************
03435> #  Project Name: [Linksview Post-Development]  Project Number: [183-2687]
03436> #  Date        : 2014 08 22
03437> #  Modified    :
03438> #  Modeller    : [A.French]
03439> #  Company     : C.F. Crozier & Associates Inc.
03440> #  License #   :  3737016
03441> #*************************************************************************
03442> #*************************************************************************
03443>  011:0002----------------------------------------------------------------
03444>       READ STORM
03445>         Filename = STORM.001
03446>         Comment  =
03447>         [SDT= 1.00:SDUR=  24.00:PTOT=  86.40]
03448> #                MAIR MILLS ESTATES AND CONTRIBUTING AREAS
03449>  011:0003----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03450>       CALIB NASHYD       01:300              4.55     .163 No_date   12:53   35.79
03451>         [CN= 71.0: N= 3.00]
03452>         [Tp=  .74:DT= 1.00]
03453>  011:0004----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03454>       ROUTE CHANNEL   -> 01:300              4.55     .163 No_date   12:53   35.79
03455>         [RDT= 1.00] out<- 02:701             4.55     .128 No_date   13:15   35.79
03456>         [L/S/n=  450./ .050/.040]
03457>         (Vmax=  .230:Dmax=  .235]
03458>  011:0005----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03459>       CALIB NASHYD       01:301              5.97     .240 No_date   12:46   35.79
03460>         [CN= 71.0: N= 3.00]
03461>         [Tp=  .63:DT= 1.00]
03462>  011:0006----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03463>       ADD HYD            01:301              5.97     .240 No_date   12:46   35.79
03464>                      +  02:701             4.55     .128 No_date   13:15   35.79
03465>         [DT= 1.00]  SUM=  03:901            10.52     .345 No_date   12:55   35.79
03466>  011:0007----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03467>       ROUTE CHANNEL   -> 03:901            10.52     .345 No_date   12:55   35.79
03468>         [RDT= 1.00] out<- 01:702            10.52     .294 No_date   13:10   35.79
03469>         [L/S/n=  300./ .050/.060]
03470>         (Vmax=  .209:Dmax=  .439]
03471>  011:0008----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03472>       ROUTE RESERVOIR -> 01:702           10.52     .294 No_date   13:10   35.79
03473>         [RDT= 1.00] out<- 02:501            10.52     .172 No_date   14:18   35.79
03474>                overflow <= 03:501OVF         .00     .000 No_date    0:00     .00
03475>         [MxStoUsed=.5508E-01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03476>  011:0009----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03477>       CALIB STANDHYD     01:302             16.39    1.414 No_date   12:20   46.63
03478>         [XIMP=.20:TIMP=.40]
03479>         [LOSS= 2 :CN= 65.2]
03480>         (Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
03481>         [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=   .0]
03482>  011:0010----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03483>       ADD HYD            01:302             16.39    1.414 No_date   12:20   46.63
03484>                      +  02:501             10.52     .172 No_date   14:18   35.79
03485>                      +  03:501OVF           .00     .000 No_date    0:00     .00
03486>         [DT= 1.00]  SUM=  04:902            26.91    1.464 No_date   12:20   42.39
03487>  011:0011----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03488>       CALIB STANDHYD     01:303              2.34     .270 No_date   12:15   51.06
03489>         [XIMP=.25:TIMP=.50]
03490>         [LOSS= 2 :CN= 65.2]
03491>         (Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
03492>         [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=   .0]
03493>  011:0012----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03494>       ADD HYD            01:303              2.34     .270 No_date   12:15   51.06
03495>                      +  04:902            26.91    1.464 No_date   12:20   42.39
03496>         [DT= 1.00]  SUM=  02:903            29.25    1.704 No_date   12:19   43.08
03497>  011:0013----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03498>       CALIB NASHYD       01:304              2.90     .178 No_date   12:23   31.74
03499>         [CN= 66.6: N= 3.00]
03500>         [Tp=  .28:DT= 1.00]
03501>  011:0014----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03502>       ADD HYD            01:304              2.90     .178 No_date   12:23   31.74
03503>                      +  02:903            29.25    1.704 No_date   12:19   43.08
03504>         [DT= 1.00]  SUM=  03:904            32.15    1.875 No_date   12:19   42.06
03505>  011:0015----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03506>       CALIB STANDHYD     01:305               .31     .021 No_date   12:12   41.41
03507>         [XIMP=.20:TIMP=.20]
03508>         [LOSS= 2 :CN= 65.2]
03509>         (Pervious     area: IAper= 5.00:SLPP=  .50:LGP= 100.:MNP=.250:SCP=   .0]
03510>         [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
```

25yr SCS

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03511>  011:0016---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03512>       ADD HYD            01:305              .31     .021 No_date   12:12   41.41
03513>                        + 03:304            32.15    1.875 No_date   12:19   42.06
03514>       [DT= 1.00]  SUM=  02:905            32.46    1.883 No_date   12:19   42.05
03515> #                  MAIR MILLS ESTATES SWM FACILITY
03516>  011:0017---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03517>       ROUTE RESERVOIR -> 02:905           32.46    1.883 No_date   12:19   42.05
03518>       [RDT= 1.00] out<- 03:502            32.46     .150 No_date   17:05   42.05
03519>              overflow <= 04:502OVF          .00     .000 No_date    0:00     .00
03520>       [MxStoUsed=.0309E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03521>  011:0018---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03522>       CALIB NASHYD       01:400              5.70     .100 No_date   12:53   17.78
03523>        [CN= 50.2: N= 3.00]
03524>        [Tp=  .70:DT= 1.00]
03525>  011:0019---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03526>       ADD HYD            01:400              5.70     .100 No_date   12:53   17.78
03527>                        + 03:502            32.46     .150 No_date   17:05   42.05
03528>                        + 04:502OVF           .00     .000 No_date    0:00     .00
03529>       [DT= 1.00]  SUM=  02:906            38.16     .250 No_date   12:53   38.43
03530> #          FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
03531>  011:0020---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03532>       DIVERT HYD         -> 02:906           38.16     .250 No_date   12:53   38.43
03533>                  diverted <= 10:To806       11.71     .020 No_date   12:53   38.43
03534>                  diverted <= 03:To1023      13.23     .115 No_date   12:53   38.43
03535>                  diverted <= 01:To1022      13.23     .115 No_date   12:53   38.43
03536> #                  TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
03537> #                            FLOW AT NODE 1
03538>  011:0021---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03539>       CALIB NASHYD       01:2501            85.82    1.952 No_date   14:01   42.20
03540>        [CN= 78.8: N= 3.00]
03541>        [Tp= 1.72:DT= 1.00]
03542>  011:0022---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03543>       ROUTE CHANNEL   -> 01:2501            85.82    1.952 No_date   14:01   42.20
03544>        [RDT= 1.00] out<- 02:RC1             85.82    1.932 No_date   14:16   42.20
03545>        [L/S/n=  350./1.500/.030]
03546>        [Vmax=  .514:Dmax=  .931]
03547>  011:0023---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03548>       CALIB NASHYD       01:2504             7.94     .192 No_date   12:42   20.36
03549>        [CN= 53.0: N= 3.00]
03550>        [Tp=  .55:DT= 1.00]
03551>  011:0024---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03552>       ADD HYD            01:2504             7.94     .192 No_date   12:42   20.36
03553>                        + 02:RC1            85.82    1.932 No_date   14:16   42.20
03554>       [DT= 1.00]  SUM=  04:2501+2504       93.76    1.979 No_date   14:14   40.36
03555>  011:0025---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03556>       ROUTE CHANNEL   -> 04:2501+2504      93.76    1.979 No_date   14:14   40.36
03557>       [RDT= 1.00] out<- 02:RC2             93.76    1.975 No_date   14:20   40.36
03558>       [L/S/n=  425./1.250/.030]
03559>       [Vmax= 1.126:Dmax=  .828]
03560>  011:0026---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03561>       CALIB NASHYD       01:2503             7.76     .221 No_date   12:50   27.33
03562>        [CN= 62.3: N= 3.00]
03563>        [Tp=  .68:DT= 1.00]
03564>  011:0027---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03565>       CALIB NASHYD       05:2505             6.99     .164 No_date   12:48   22.25
03566>        [CN= 54.0: N= 3.00]
03567>        [Tp=  .65:DT= 1.00]
03568>  011:0028---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03569>       ADD HYD            01:2503             7.76     .221 No_date   12:50   27.33
03570>                        + 02:RC2            93.76    1.975 No_date   14:20   40.36
03571>                        + 05:2505           6.99     .164 No_date   12:48   22.25
03572>       [DT= 1.00]  SUM=  06:2503+2505+    108.51    2.103 No_date   14:12   38.26
03573>  011:0029---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03574>       CALIB NASHYD       01:2506             2.50     .070 No_date   12:32   19.16
03575>        [CN= 49.0: N= 3.00]
03576>        [Tp=  .41:DT= 1.00]
03577>  011:0030---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03578>       ADD HYD            01:2506             2.50     .070 No_date   12:32   19.16
03579>                        + 06:2503+2505+    108.51    2.103 No_date   14:12   38.26
03580>       [DT= 1.00]  SUM=  02:RC+2506        111.01    2.114 No_date   14:12   37.83
03581>  011:0031---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03582>       ROUTE CHANNEL   -> 02:RC+2506       111.01    2.114 No_date   14:12   37.83
03583>       [RDT= 1.00] out<- 04:RC3             111.01    2.113 No_date   14:16   37.83
03584>       [L/S/n=  200./1.000/.030]
03585>       [Vmax=  .935:Dmax=  .829]
03586>  011:0032---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03587>       CALIB NASHYD       01:2507             5.22     .120 No_date   12:41   19.16
03588>        [CN= 49.0: N= 3.00]
03589>        [Tp=  .54:DT= 1.00]
03590>  011:0033---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03591>       ADD HYD            01:2507             5.22     .120 No_date   12:41   19.16
03592>                        + 04:RC3            111.01    2.113 No_date   14:16   37.83
03593>       [DT= 1.00]  SUM=  02:2507+RC         116.23    2.141 No_date   14:15   36.99
03594>  011:0034---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03595>       CALIB NASHYD       01:2508             7.46     .158 No_date   12:47   19.76
03596>        [CN= 50.0: N= 3.00]
03597>        [Tp=  .63:DT= 1.00]
03598>  011:0035---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03599>       ADD HYD            01:2508             7.46     .158 No_date   12:47   19.76
03600>                        + 02:2507+RC         116.23    2.141 No_date   14:15   36.99
03601>       [DT= 1.00]  SUM=  09:1000            123.69    2.192 No_date   14:11   35.95
03602> #                  MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
03603>  011:0036---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03604>       CALIB NASHYD       01:103              8.70     .284 No_date   12:37   24.60
03605>        [CN= 59.2: N= 3.00]
03606>        [Tp=  .48:DT= 1.00]
03607>  011:0037---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03608>       ADD HYD            01:103              8.70     .284 No_date   12:37   24.60
03609>                        + 03:To1023          13.23     .115 No_date   12:53   38.43
03610>       [DT= 1.00]  SUM=  02:1023            21.93     .388 No_date   12:39   32.94
03611>  011:0038---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03612>       CALIB NASHYD       01:205              1.41     .063 No_date   12:19   19.42
03613>        [CN= 51.1: N= 3.00]
03614>        [Tp=  .20:DT= 1.00]
03615>  011:0039---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03616>       ADD HYD            01:205              1.41     .063 No_date   12:19   19.42
03617>                        + 02:1023            21.93     .388 No_date   12:39   32.94
03618>       [DT= 1.00]  SUM=  03:802             23.34     .419 No_date   12:36   32.12
03619>  011:0040---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03620>       CALIB STANDHYD     01:201              18.41    2.601 No_date   12:12   50.05
03621>        [XIMP=.43:TIMP=.56]
03622>        [LOSS= 2 :CN= 49.0]
03623>        [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
03624>        [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
03625>  011:0041---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03626>       ADD HYD            01:201              18.41    2.601 No_date   12:12   50.05
03627>                        + 03:802             23.34     .419 No_date   12:36   32.12
03628>       [DT= 1.00]  SUM=  02:803             41.75    2.795 No_date   12:12   40.03
03629>  011:0042---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03630>       CALIB NASHYD       01:202              1.10     .042 No_date   12:22   19.11
03631>        [CN= 55.0: N= 3.00]
03632>        [Tp=  .25:DT= 1.00]
03633>  011:0043---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03634>       ADD HYD            01:202              1.10     .042 No_date   12:22   19.11
03635>                        + 02:803             41.75    2.795 No_date   12:12   40.03
03636>       [DT= 1.00]  SUM=  03:804             42.85    2.823 No_date   12:12   39.49
03637>  011:0044---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03638>       CALIB NASHYD       01:1021             4.66     .098 No_date   12:57   22.62
03639>        [CN= 55.3: N= 3.00]
03640>        [Tp=  .78:DT= 1.00]
03641>  011:0045---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03642>       COMPUTE DUALHYD    01:1021             4.66     .098 No_date   12:57   22.62
03643>         Major System /  04:To1000            .90     .052 No_date   12:57   22.62
03644>         Minor System \  02:To810            3.76     .046 No_date   12:20   22.62
03645>  011:0046---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03646>       ADD HYD            02:To810            3.76     .046 No_date   12:20   22.62
03647>                        + 03:804             42.85    2.823 No_date   12:12   39.49
03648>       [DT= 1.00]  SUM=  05:810             46.60    2.852 No_date   12:12   38.13
03649> #                  MAIR MILLS VILLAGE SWMF
03650>  011:0047---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03651>       ROUTE RESERVOIR -> 05:810           46.60    2.852 No_date   12:12   38.13
03652>       [RDT= 1.00] out<- 02:1026           46.60     .510 No_date   13:16   38.13
03653>              overflow <= 03:1026OVF         .00     .000 No_date    0:00     .00
03654>       [MxStoUsed=.6726E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03655>  011:0048---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03656>       ADD HYD            02:1026             46.60     .510 No_date   13:16   38.13
03657>                        + 03:1026OVF          .00     .000 No_date    0:00     .00
03658>       [DT= 1.00]  SUM=  05:Pond1026ou      46.60     .510 No_date   13:16   38.13
03659> #          TENTH LINE DITCH FLOW SPLIT (OUTLETS A AND B)
03660>  011:0049---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03661>       DIVERT HYD         -> 05:Pond1026ou    46.60     .510 No_date   13:16   38.13
03662>                  diverted <= 02:To807       19.80     .040 No_date   13:16   38.13
03663>                  diverted <= 07:To809       26.80     .470 No_date   13:16   38.13
03664>                  diverted <= 03:To1025        .00     .000 No_date    0:00     .00
03665> #                  FLOWS TO OUTLET A/ NODE 2(UPSTREAM OF TENTH LINE)
03666>  011:0050---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03667>       ADD HYD            09:1000            123.69    2.192 No_date   14:11   35.95
03668>                        + 04:To1000           .90     .052 No_date   12:57   22.62
03669>       [DT= 1.00]  SUM=  05:Node 2          124.59    2.193 No_date   14:09   35.86
03670> #                              FLOWS TO OUTLET B
03671>  011:0051---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03672>       CALIB NASHYD       01:207              1.22     .080 No_date   12:15   22.62
03673>        [CN= 55.3: N= 3.00]
03674>        [Tp=  .13:DT= 1.00]
03675>  011:0052---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03676>       ADD HYD            01:207              1.22     .080 No_date   12:15   22.62
03677>                        + 02:To807           19.80     .040 No_date   13:16   38.13
03678>       [DT= 1.00]  SUM=  06:807             21.02     .120 No_date   12:15   37.23
03679>  011:0053---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03680>       ADD HYD            03:To1025            .00     .000 No_date    0:00     .00
03681>                        + 05:Node 2          124.59    2.193 No_date   14:09   35.86
03682>       [DT= 1.00]  SUM=  01:1025            124.59    2.193 No_date   14:09   35.86
03683>  011:0054---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03684>       ADD HYD            07:To809            26.80     .470 No_date   13:16   38.13
03685>                        + 01:1025            124.59    2.193 No_date   14:09   35.86
03686>       [DT= 1.00]  SUM=  02:809             151.39    2.616 No_date   14:03   36.26
03687>  011:0055---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03688>       ADD HYD            06:807              21.02     .120 No_date   12:15   37.23
03689>                        + 10:To806             11.71     .020 No_date   12:53   38.43
03690>       [DT= 1.00]  SUM=  03:806-OutB          32.73     .140 No_date   12:15   37.66
03691> #                  LINKSVIEW AND CONTRIBUTING AREAS
03692>  011:0056---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03693>       CALIB NASHYD       04:2502             5.52     .159 No_date   12:41   23.68
03694>        [CN= 58.4: N= 3.00]
03695>        [Tp=  .54:DT= 1.00]
03696>  011:0057---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03697>       CALIB NASHYD       05:2509             5.30     .224 No_date   12:27   24.64
03698>        [CN= 59.0: N= 3.00]
03699>        [Tp=  .33:DT= 1.00]
03700>  011:0058---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03701>       CALIB STANDHYD     06:2500            38.20    3.615 No_date   12:16   46.25
03702>        [XIMP=.30:TIMP=.50]
03703>        [LOSS= 2 :CN= 55.3]
03704>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
03705>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 505.:MNI=.013:SCI=   .0]
03706>  011:0059---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03707>       ADD HYD            04:2502             5.52     .159 No_date   12:41   23.68
03708>                        + 05:2509             5.30     .224 No_date   12:27   24.64
03709>                        + 06:2500            38.20    3.615 No_date   12:16   46.25
03710>       [DT= 1.00]  SUM=  07:Pondin            49.02    3.876 No_date   12:16   41.37
03711> #                  LINKSVIEW SWM FACILTIY
03712>  011:0060---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03713>       ROUTE RESERVOIR -> 07:Pondin        49.02    3.876 No_date   12:16   41.37
03714>        [RDT= 1.00] out<- 08:LinkPond      49.02     .603 No_date   13:23   41.37
03715>              overflow <= 09:OVF             .00     .000 No_date    0:00     .00
03716>       [MxStoUsed=.1086E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03717>  011:0061---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03718>       ADD HYD            08:LinkPond         49.02     .603 No_date   13:23   41.37
03719>                        + 09:OVF              .00     .000 No_date    0:00     .00
03720>       [DT= 1.00]  SUM=  04:Pondout          49.02     .603 No_date   13:23   41.37
03721> #                              FLOWS FROM TENTH LINE
03722>  011:0062---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03723>       CALIB STANDHYD     08:2601              .25     .049 No_date   12:12   60.91
03724>        [XIMP=.64:TIMP=.64]
03725>        [LOSS= 2 :CN= 49.0]
03726>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
03727>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.013:SCI=   .0]
03728>  011:0063---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03729>       CALIB STANDHYD     09:2602             1.30     .225 No_date   12:13   60.92
03730>        [XIMP=.64:TIMP=.64]
03731>        [LOSS= 2 :CN= 49.0]
03732>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
03733>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.013:SCI=   .0]
03734>  011:0064---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03735>       COMPUTE DUALHYD    09:2602             1.30     .225 No_date   12:13   60.92
03736>         Major System /  06:Overflow           .00     .005 No_date   12:13   60.92
03737>         Minor System \  05:5yrflow           1.30     .220 No_date   12:12   60.92
03738> #                  FLOWS IN POTENTIAL FUTURE OUTLET PIPE
03739>  011:0065---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03740>       ADD HYD            04:Pondout          49.02     .603 No_date   13:23   41.37
03741>                        + 05:5yrflow          1.30     .220 No_date   12:12   60.92
03742>       [DT= 1.00]  SUM=  10:LinkPipe         50.32     .616 No_date   13:20   41.87
03743> #                  FLOWS TO OUTLET A/NODE 3 (DOWNSTREAM OF TENTH LINE)
03744>  011:0066---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03745>       ADD HYD            10:LinkPipe         50.32     .616 No_date   13:20   41.87
03746>                        + 02:809             151.39    2.616 No_date   14:03   36.26
03747>                        + 06:Overflow          .00     .005 No_date   12:13   60.92
03748>                        + 08:2601              .25     .049 No_date   12:12   60.91
03749>       [DT= 1.00]  SUM=  01:Node3           201.96    3.208 No_date   13:57   37.69
03750> #                  FLOWS TO NODE 4 (SUM OF OUTLETS A AND B)
03751>  011:0067---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03752>       ADD HYD            01:Node3            201.96    3.208 No_date   13:57   37.69
03753>                        + 03:806-OutB         32.73     .140 No_date   12:15   37.66
03754>       [DT= 1.00]  SUM=  04:Node4            234.70    3.274 No_date   13:57   37.68
03755>   ** END OF RUN :  11
03756>
03757> ************************************************************************
03758>
03759>
03760>
03761>                                                          50 yr SCS
03762>
03763>  RUN:COMMAND#
03764>  012:0001---------------------------------------------------------------
03765>       START
03766>        [TZERO =     .00 hrs on        0]
03767>        [METOUT=    2    (1=imperial, 2=metric output)]
03768>        [NSTORM=    1 ]
03769>        [NRUN  =   12 ]
03770> #************************************************************************
03771> #  Project Name: [Linksview Post-Development]  Project Number: [103-2687]
03772> #  Date       : 2014 08 22
03773> #  Modified   :
03774> #  Modeller   : [A.French]
03775> #  Company    : C.F. Crozier & Associates Inc.
03776> #  License #  : 3737016
03777> #************************************************************************
03778> #************************************************************************
03779>  012:0002---------------------------------------------------------------
03780>       READ STORM
```

```
03781>       Filename = STORM.001
03782>       Comment  =
03783>      [SDT= 1.00:SDUR=  24.00:PTOT=  96.00]
03784> #              MAIR MILLS ESTATES AND CONTRIBUTING AREAS
03785> 012:0003----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03786>      CALIB NASHYD       01:300            4.55      .194 No_date   12:53   42.52
03787>        [CN= 71.0: N= 3.00]
03788>        [Tp=  .74:DT= 1.00]
03789> 012:0004----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03790>      ROUTE CHANNEL   -> 01:300            4.55      .194 No_date   12:53   42.52
03791>        [RDT= 1.00] out<- 02:701           4.55      .155 No_date   13:13   42.52
03792>        [L/S/n=  450./ .050/.040]
03793>        [Vmax=  .246:Dmax=  .257]
03794> 012:0005----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03795>      CALIB NASHYD       01:301            5.97      .287 No_date   12:46   42.52
03796>        [CN= 71.0: N= 3.00]
03797>        [Tp=  .63:DT= 1.00]
03798> 012:0006----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03799>      ADD HYD            01:301            5.97      .287 No_date   12:46   42.52
03800>                       + 02:701            4.55      .155 No_date   13:13   42.52
03801>        [DT= 1.00]  SUM=  03:901           10.52      .417 No_date   12:54   42.52
03802> 012:0007----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03803>      ROUTE CHANNEL   -> 03:901           10.52      .417 No_date   12:54   42.52
03804>        [RDT= 1.00] out<- 01:702           10.52      .359 No_date   13:07   42.52
03805>        [L/S/n=  300./ .050/.060]
03806>        [Vmax=  .229:Dmax=  .474]
03807> 012:0008----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03808>      ROUTE RESERVOIR -> 01:702           10.52      .359 No_date   13:07   42.52
03809>        [RDT= 1.00] out<- 02:501           10.52      .173 No_date   14:34   42.52
03810>              overflow <= 03:501OVF         .00      .000 No_date    0:00     .00
03811>        [MxStoUsed=.6975E-01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03812> 012:0009----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03813>      CALIB STANDHYD     01:302           16.39     1.701 No_date   12:19   54.01
03814>        [XIMP=.20:TIMP=.40]
03815>        [LOSS= 2 :CN= 65.2]
03816>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
03817>        [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=    .0]
03818> 012:0010----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03819>      ADD HYD            01:302           16.39     1.701 No_date   12:19   54.01
03820>                       + 02:501           10.52      .173 No_date   14:34   42.52
03821>                       + 03:501OVF          .00      .000 No_date    0:00     .00
03822>        [DT= 1.00]  SUM=  04:902           26.91     1.765 No_date   12:20   49.52
03823> 012:0011----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03824>      CALIB STANDHYD     01:303            2.34      .322 No_date   12:15   58.81
03825>        [XIMP=.25:TIMP=.50]
03826>        [LOSS= 2 :CN= 65.2]
03827>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
03828>        [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=    .0]
03829> 012:0012----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03830>      ADD HYD            01:303            2.34      .322 No_date   12:15   58.81
03831>                       + 04:902           26.91     1.765 No_date   12:20   49.52
03832>        [DT= 1.00]  SUM=  02:903           29.25     2.050 No_date   12:19   50.26
03833> 012:0013----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03834>      CALIB NASHYD       01:304            2.90      .214 No_date   12:23   37.92
03835>        [CN= 66.6: N= 3.00]
03836>        [Tp=  .28:DT= 1.00]
03837> 012:0014----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03838>      ADD HYD            01:304            2.90      .214 No_date   12:23   37.92
03839>                       + 02:903           29.25     2.050 No_date   12:19   50.26
03840>        [DT= 1.00]  SUM=  03:904           32.15     2.256 No_date   12:19   49.15
03841> 012:0015----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03842>      CALIB STANDHYD     01:305             .31      .024 No_date   12:12   48.14
03843>        [XIMP=.20:TIMP=.20]
03844>        [LOSS= 2 :CN= 65.2]
03845>        [Pervious     area: IAper= 5.00:SLPP= .50:LGP= 100.:MNP=.250:SCP=    .0]
03846>        [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=    .0]
03847> 012:0016----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03848>      ADD HYD            01:305             .31      .024 No_date   12:12   48.14
03849>                       + 03:904           32.15     2.256 No_date   12:19   49.15
03850>        [DT= 1.00]  SUM=  02:905           32.46     2.267 No_date   12:19   49.14
03851> #              MAIR MILLS ESTATES SWM FACILITY
03852> 012:0017----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03853>      ROUTE RESERVOIR -> 02:905           32.46     2.267 No_date   12:19   49.14
03854>        [RDT= 1.00] out<- 03:502           32.46      .284 No_date   15:47   49.13
03855>              overflow <= 04:502OVF         .00      .000 No_date    0:00     .00
03856>        [MxStoUsed=.8773E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03857> 012:0018----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03858>      CALIB NASHYD       01:400            5.70      .124 No_date   12:52   21.88
03859>        [CN= 50.2: N= 3.00]
03860>        [Tp=  .70:DT= 1.00]
03861> 012:0019----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03862>      ADD HYD            01:400            5.70      .124 No_date   12:52   21.88
03863>                       + 03:502           32.46      .284 No_date   15:47   49.13
03864>                       + 04:502OVF          .00      .000 No_date    0:00     .00
03865>        [DT= 1.00]  SUM=  02:906           38.16      .304 No_date   15:32   45.06
03866> #          FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
03867> 012:0020----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03868>      DIVERT HYD      -> 02:906           38.16      .304 No_date   15:32   45.06
03869>              diverted <= 10:To806         10.21      .020 No_date   15:32   45.06
03870>              diverted <= 03:To1023        13.98      .142 No_date   15:32   45.06
03871>              diverted <= 01:To1022        13.98      .142 No_date   15:32   45.06
03872> #                TAYLOR"S CREEK UPSTREAM CATCHMENT AREAS
03873> #                                FLOW AT NODE 1
03874> 012:0021----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03875>      CALIB NASHYD       01:2501           85.82     2.319 No_date   14:00   49.86
03876>        [CN= 78.8: N= 3.00]
03877>        [Tp= 1.72:DT= 1.00]
03878> 012:0022----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03879>      ROUTE CHANNEL   -> 01:2501          85.82     2.319 No_date   14:00   49.86
03880>        [RDT= 1.00] out<- 02:RC1           85.82     2.294 No_date   14:15   49.86
03881>        [L/S/n=  350./1.500/.030]
03882>        [Vmax=  .502:Dmax=  .958]
03883> 012:0023----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03884>      CALIB NASHYD       01:2504           7.94      .236 No_date   12:41   24.84
03885>        [CN= 53.0: N= 3.00]
03886>        [Tp=  .55:DT= 1.00]
03887> 012:0024----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03888>      ADD HYD            01:2504           7.94      .236 No_date   12:41   24.84
03889>                       + 02:RC1           85.82     2.294 No_date   14:15   49.86
03890>        [DT= 1.00]  SUM=  04:2501+2504     93.76     2.352 No_date   14:13   47.74
03891> 012:0025----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03892>      ROUTE CHANNEL   -> 04:2501+2504     93.76     2.352 No_date   14:13   47.74
03893>        [RDT= 1.00] out<- 02:RC2           93.76     2.347 No_date   14:19   47.74
03894>        [L/S/n=  425./1.250/.030]
03895>        [Vmax= 1.141:Dmax=  .862]
03896> 012:0026----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03897>      CALIB NASHYD       01:2503           7.76      .267 No_date   12:50   32.94
03898>        [CN= 62.3: N= 3.00]
03899>        [Tp=  .68:DT= 1.00]
03900> 012:0027----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03901>      CALIB NASHYD       05:2505           6.99      .200 No_date   12:48   26.94
03902>        [CN= 54.0: N= 3.00]
03903>        [Tp=  .65:DT= 1.00]
03904> 012:0028----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03905>      ADD HYD            01:2503           7.76      .267 No_date   12:50   32.94
03906>                       + 02:RC2           93.76     2.347 No_date   14:19   47.74
03907>                       + 05:2505          6.99      .200 No_date   12:48   26.94
03908>        [DT= 1.00]  SUM=  06:2503+2505+    108.51     2.503 No_date   14:12   45.35
03909> 012:0029----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03910>      CALIB NASHYD       01:2506           2.50      .085 No_date   12:32   23.30
03911>        [CN= 49.0: N= 3.00]
03912>        [Tp=  .41:DT= 1.00]
03913> 012:0030----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03914>      ADD HYD            01:2506           2.50      .085 No_date   12:32   23.30
03915>                       + 06:2503+2505+    108.51     2.503 No_date   14:12   45.35
03916>        [DT= 1.00]  SUM=  02:RC+2506       111.01     2.517 No_date   14:10   44.85
03917> 012:0031----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03918>      ROUTE CHANNEL   -> 02:RC+2506       111.01     2.517 No_date   14:10   44.85
03919>        [RDT= 1.00] out<- 04:RC3           111.01     2.516 No_date   14:14   44.85
03920>        [L/S/n=  200./1.000/.030]
03921>        [Vmax=  .950:Dmax=  .865]
03922> 012:0032----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03923>      CALIB NASHYD       01:2507           5.22      .146 No_date   12:41   23.30
03924>        [CN= 49.0: N= 3.00]
03925>        [Tp=  .54:DT= 1.00]
03926> 012:0033----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03927>      ADD HYD            01:2507           5.22      .146 No_date   12:41   23.30
03928>                       + 04:RC3           111.01     2.516 No_date   14:14   44.85
03929>        [DT= 1.00]  SUM=  02:2507+RC       116.23     2.551 No_date   14:12   43.88
03930> 012:0034----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03931>      CALIB NASHYD       01:2508           7.46      .193 No_date   12:47   24.00
03932>        [CN= 50.0: N= 3.00]
03933>        [Tp=  .63:DT= 1.00]
03934> 012:0035----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03935>      ADD HYD            01:2508           7.46      .193 No_date   12:47   24.00
03936>                       + 02:2507+RC       116.23     2.551 No_date   14:12   43.88
03937>        [DT= 1.00]  SUM=  09:1000          123.69     2.615 No_date   14:08   42.68
03938> #              MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
03939> 012:0036----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03940>      CALIB NASHYD       01:103            8.70      .346 No_date   12:36   29.81
03941>        [CN= 59.2: N= 3.00]
03942>        [Tp=  .48:DT= 1.00]
03943> 012:0037----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03944>      ADD HYD            01:103            8.70      .346 No_date   12:36   29.81
03945>                       + 03:To1023         13.98      .142 No_date   15:32   45.06
03946>        [DT= 1.00]  SUM=  02:1023          22.68      .467 No_date   12:38   39.21
03947> 012:0038----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03948>      CALIB NASHYD       01:205            1.41      .077 No_date   12:19   23.71
03949>        [CN= 51.1: N= 3.00]
03950>        [Tp=  .20:DT= 1.00]
03951> 012:0039----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03952>      ADD HYD            01:205            1.41      .077 No_date   12:19   23.71
03953>                       + 02:1023          22.68      .467 No_date   12:38   39.21
03954>        [DT= 1.00]  SUM=  03:802           24.09      .507 No_date   12:36   38.31
03955> 012:0040----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03956>      CALIB STANDHYD     01:201            18.41     2.973 No_date   12:12   56.96
03957>        [XIMP=.43:TIMP=.56]
03958>        [LOSS= 2 :CN= 49.0]
03959>        [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=    .0]
03960>        [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=    .0]
03961> 012:0041----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03962>      ADD HYD            01:201            18.41     2.973 No_date   12:12   56.96
03963>                       + 03:802           24.09      .507 No_date   12:36   38.31
03964>        [DT= 1.00]  SUM=  02:803           42.50     3.224 No_date   12:12   46.39
03965> 012:0042----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03966>      CALIB NASHYD       01:202            1.10      .053 No_date   12:22   23.64
03967>        [CN= 55.0: N= 3.00]
03968>        [Tp=  .25:DT= 1.00]
03969> 012:0043----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03970>      ADD HYD            01:202            1.10      .053 No_date   12:22   23.64
03971>                       + 02:803           42.50     3.224 No_date   12:12   46.39
03972>        [DT= 1.00]  SUM=  03:804           43.60     3.261 No_date   12:12   45.81
03973> 012:0044----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03974>      CALIB NASHYD       01:1021           4.66      .119 No_date   12:57   27.43
03975>        [CN= 55.3: N= 3.00]
03976>        [Tp=  .78:DT= 1.00]
03977> 012:0045----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03978>      COMPUTE DUALHYD    01:1021           4.66      .119 No_date   12:57   27.43
03979>         Major System /  04:To1000          1.17      .073 No_date   12:57   27.43
03980>         Minor System \  02:To810           3.49      .046 No_date   12:16   27.43
03981> 012:0046----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03982>      ADD HYD            02:To810           3.49      .046 No_date   12:16   27.43
03983>                       + 03:804           43.60     3.261 No_date   12:12   45.81
03984>        [DT= 1.00]  SUM=  05:810           47.08     3.296 No_date   12:12   44.45
03985> #              MAIR MILLS VILLAGE SWMF
03986> 012:0047----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03987>      ROUTE RESERVOIR -> 05:810           47.08     3.296 No_date   12:12   44.45
03988>        [RDT= 1.00] out<- 02:1026          47.08      .645 No_date   13:09   44.45
03989>              overflow <= 03:1026OVF        .00      .000 No_date    0:00     .00
03990>        [MxStoUsed=.7458E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03991> 012:0048----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03992>      ADD HYD            02:1026           47.08      .645 No_date   13:09   44.45
03993>                       + 03:1026OVF          .00      .000 No_date    0:00     .00
03994>        [DT= 1.00]  SUM=  05:Pond1026ou    47.08      .645 No_date   13:09   44.45
03995> #            TENTH LINE DITCH FLOW SPLIT (OUTLETS A AND B)
03996> 012:0049----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03997>      DIVERT HYD      -> 05:Pond1026ou    47.08      .645 No_date   13:09   44.45
03998>              diverted <= 02:To807        17.42      .040 No_date   13:09   44.45
03999>              diverted <= 07:To809        29.44      .560 No_date   13:09   44.45
04000>              diverted <= 03:To1025         .23      .045 No_date   13:09   44.45
04001> #                  FLOWS TO OUTLET A/ NODE 2(UPSTREAM OF TENTH LINE)
04002> 012:0050----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04003>      ADD HYD            09:1000          123.69     2.615 No_date   14:08   42.68
04004>                       + 04:To1000          1.17      .073 No_date   12:57   27.43
04005>        [DT= 1.00]  SUM=  05:Node 2        124.86     2.629 No_date   14:04   42.54
04006> #                              FLOWS TO OUTLET B
04007> 012:0051----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04008>      CALIB NASHYD       01:207            1.22      .098 No_date   12:15   27.43
04009>        [CN= 55.3: N= 3.00]
04010>        [Tp=  .13:DT= 1.00]
04011> 012:0052----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04012>      ADD HYD            01:207            1.22      .098 No_date   12:15   27.43
04013>                       + 02:To807          17.42      .040 No_date   13:09   44.45
04014>        [DT= 1.00]  SUM=  06:807           18.64      .138 No_date   12:15   43.33
04015> 012:0053----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04016>      ADD HYD            03:To1025           .23      .045 No_date   13:09   44.45
04017>                       + 05:Node 2        124.86     2.629 No_date   14:04   42.54
04018>        [DT= 1.00]  SUM=  01:1025          125.09     2.629 No_date   14:04   42.54
04019> 012:0054----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04020>      ADD HYD            07:To809           29.44      .560 No_date   13:09   44.45
04021>                       + 01:1025          125.09     2.629 No_date   14:04   42.54
04022>        [DT= 1.00]  SUM=  02:809           154.53     3.161 No_date   13:54   42.91
04023> 012:0055----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04024>      ADD HYD            06:807            18.64      .138 No_date   12:15   43.33
04025>                       + 10:To806          10.21      .020 No_date   15:32   45.06
04026>        [DT= 1.00]  SUM=  03:806-OutB      28.84      .158 No_date   12:15   43.95
04027> #                LINKSVIEW AND CONTRIBUTING AREAS
04028> 012:0056----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04029>      CALIB NASHYD       04:2502           5.52      .195 No_date   12:41   28.77
04030>        [CN= 58.4: N= 3.00]
04031>        [Tp=  .54:DT= 1.00]
04032> 012:0057----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04033>      CALIB NASHYD       05:2509           5.30      .273 No_date   12:27   29.83
04034>        [CN= 59.0: N= 3.00]
04035>        [Tp=  .33:DT= 1.00]
04036> 012:0058----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04037>      CALIB STANDHYD     06:2500           38.20     4.260 No_date   12:16   53.21
04038>        [XIMP=.30:TIMP=.50]
04039>        [LOSS= 2 :CN= 55.3]
04040>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
04041>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 505.:MNI=.013:SCI=    .0]
04042> 012:0059----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04043>      ADD HYD            04:2502           5.52      .195 No_date   12:41   28.77
04044>                       + 05:2509           5.30      .273 No_date   12:27   29.83
04045>                       + 06:2500          38.20     4.260 No_date   12:16   53.21
04046>        [DT= 1.00]  SUM=  07:Pondin        49.02     4.581 No_date   12:16   47.93
04047> #                        LINKSVIEW SWM FACILTIY
04048> 012:0060----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04049>      ROUTE RESERVOIR -> 07:Pondin        49.02     4.581 No_date   12:16   47.93
04050>        [RDT= 1.00] out<- 08:LinkPond      49.02      .752 No_date   13:19   47.93
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```
04051>            overflow <= 09:OVF            .00     .000 No_date    0:00     .00
04052>     (MxStoUsed=.1238E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
04053>  012:0061----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04054>     ADD HYD             08:LinkPond      49.02     .752 No_date   13:19   47.93
04055>                       + 09:OVF            .00     .000 No_date    0:00     .00
04056>      [DT= 1.00]  SUM=  04:Pondout       49.02     .752 No_date   13:19   47.93
04057> #                              FLOWS FROM TENTH LINE
04058>  012:0062----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04059>     CALIB STANDHYD      08:2601           .25     .055 No_date   12:12   60.55
04060>      [XIMP=.64:TIMP=.64]
04061>      [LOSS= 2 :CN= 49.0]
04062>      [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=    .0]
04063>      [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.013:SCI=    .0]
04064>  012:0063----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04065>     CALIB STANDHYD      09:2602          1.30     .256 No_date   12:12   60.55
04066>      [XIMP=.64:TIMP=.64]
04067>      [LOSS= 2 :CN= 49.0]
04068>      [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=    .0]
04069>      [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.013:SCI=    .0]
04070>  012:0064----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04071>     COMPUTE DUALHYD     09:2602          1.30     .256 No_date   12:12   60.55
04072>       Major System /  06:Overflow         .02     .036 No_date   12:12   60.55
04073>       Minor System \  05:5yrflow         1.28     .220 No_date   12:08   60.55
04074> #                    FLOWS IN POTENTIAL FUTURE OUTLET PIPE
04075>  012:0065----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04076>     ADD HYD             04:Pondout       49.02     .752 No_date   13:19   47.93
04077>                       + 05:5yrflow        1.28     .220 No_date   12:08   60.55
04078>      [DT= 1.00]  SUM=  10:LinkPipe       50.30     .767 No_date   13:16   48.46
04079> #                    FLOWS TO OUTLET A/NODE 3 (DOWNSTREAM OF TENTH LINE)
04080>  012:0066----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04081>     ADD HYD             10:LinkPipe      50.30     .767 No_date   13:16   48.46
04082>                       + 02:809          154.53    3.161 No_date   13:54   42.91
04083>                       + 06:Overflow        .02     .036 No_date   12:12   60.55
04084>                       + 08:2601            .25     .055 No_date   12:12   60.55
04085>      [DT= 1.00]  SUM=  01:Node3         205.10    3.898 No_date   13:49   44.30
04086> #                    FLOWS TO NODE 4 (SUM OF OUTLETS A AND B)
04087>  012:0067----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04088>     ADD HYD             01:Node3         205.10    3.898 No_date   13:49   44.30
04089>                       + 03:806-OutB       28.84     .158 No_date   12:15   43.95
04090>      [DT= 1.00]  SUM=  04:Node4         233.94    3.965 No_date   13:49   44.26
04091>   ** END OF RUN :  12
04092>
04093> ************************************************************************
04094>
04095>
04096>
04097>
04098>
04099>  RUN:COMMAND#
04100>  013:0001----------------------------------------------------------------
04101>      START
04102>       [TZERO =    .00 hrs on        0]
04103>       [METOUT=   2    (1=imperial, 2=metric output)]
04104>       [NSTORM=   1 ]
04105>       [NRUN  =  13 ]
04106> #************************************************************************
04107> #  Project Name: [Linksview Post-Development]  Project Number: [183-2687]
04108> #  Date        : 2014 08 22
04109> #  Modified    :
04110> #  Modeller    : [A.French]
04111> #  Company     : C.F. Crozier & Associates Inc.
04112> #  Licence #   : 3737016
04113> #************************************************************************
04114> #************************************************************************
04115>  013:0002----------------------------------------------------------------
04116>      READ STORM
04117>       Filename = STORM.001
04118>       Comment  =
04119>       [SDT= 1.00:SDUR=  24.00:PTOT= 108.00]
04120> #              MAIR MILLS ESTATES AND CONTRIBUTING AREAS
04121>  013:0003----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04122>     CALIB NASHYD        01:300            4.55     .235 No_date   12:53   51.31
04123>      [CN= 71.0: N= 3.00]
04124>      [Tp=  .74:DT= 1.00]
04125>  013:0004----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04126>     ROUTE CHANNEL   -> 01:300            4.55     .235 No_date   12:53   51.31
04127>      [RDT= 1.00] out<- 02:701            4.55     .193 No_date   13:12   51.31
04128>      [L/S/n=  450./ .050/.040]
04129>      [Vmax=  .265:Dmax=  .283]
04130>  013:0005----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04131>     CALIB NASHYD        01:301            5.97     .348 No_date   12:45   51.31
04132>      [CN= 71.0: N= 3.00]
04133>      [Tp=  .63:DT= 1.00]
04134>  013:0006----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04135>     ADD HYD             01:301            5.97     .348 No_date   12:45   51.31
04136>                       + 02:701            4.55     .193 No_date   13:12   51.31
04137>      [DT= 1.00]  SUM=  03:901           10.52     .511 No_date   12:54   51.31
04138>  013:0007----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04139>     ROUTE CHANNEL   -> 03:901           10.52     .511 No_date   12:54   51.31
04140>      [RDT= 1.00] out<- 01:702           10.52     .447 No_date   13:07   51.31
04141>      [L/S/n=  300./ .050/.060]
04142>      [Vmax=  .248:Dmax=  .511]
04143>  013:0008----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04144>     ROUTE RESERVOIR -> 01:702           10.52     .447 No_date   13:07   51.31
04145>      [RDT= 1.00] out<- 02:501           10.52     .175 No_date   14:50   51.31
04146>            overflow <= 03:501OVF           .00     .000 No_date    0:00     .00
04147>     (MxStoUsed=.1400E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
04148>  013:0009----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04149>     CALIB STANDHYD      01:302           16.39    2.065 No_date   12:19   63.52
04150>      [XIMP=.20:TIMP=.40]
04151>      [LOSS= 2 :CN= 65.2]
04152>      [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
04153>      [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=    .0]
04154>  013:0010----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04155>     ADD HYD             01:302           16.39    2.065 No_date   12:19   63.52
04156>                       + 02:501           10.52     .175 No_date   14:50   51.31
04157>                       + 03:501OVF           .00     .000 No_date    0:00     .00
04158>      [DT= 1.00]  SUM=  04:902           26.91    2.149 No_date   12:19   58.75
04159>  013:0011----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04160>     CALIB STANDHYD      01:303            2.34     .390 No_date   12:15   60.75
04161>      [XIMP=.25:TIMP=.50]
04162>      [LOSS= 2 :CN= 65.2]
04163>      [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
04164>      [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=    .0]
04165>  013:0012----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04166>     ADD HYD             01:303            2.34     .390 No_date   12:15   60.75
04167>                       + 04:902           26.91    2.149 No_date   12:19   58.75
04168>      [DT= 1.00]  SUM=  02:903           29.25    2.502 No_date   12:18   59.55
04169>  013:0013----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04170>     CALIB NASHYD        01:304            2.90     .261 No_date   12:23   46.05
04171>      [CN= 66.6: N= 3.00]
04172>      [Tp=  .28:DT= 1.00]
04173>  013:0014----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04174>     ADD HYD             01:304            2.90     .261 No_date   12:23   46.05
04175>                       + 02:903           29.25    2.502 No_date   12:18   59.55
04176>      [DT= 1.00]  SUM=  03:904           32.15    2.747 No_date   12:18   58.33
04177>  013:0015----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04178>     CALIB STANDHYD      01:305             .31     .029 No_date   12:12   56.88
04179>      [XIMP=.20:TIMP=.20]
04180>      [LOSS= 2 :CN= 65.2]
04181>      [Pervious     area: IAper= 5.00:SLPP=  .50:LGP= 100.:MNP=.250:SCP=    .0]
04182>      [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=    .0]
04183>  013:0016----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04184>     ADD HYD             01:305             .31     .029 No_date   12:12   56.88
04185>                       + 03:904           32.15    2.747 No_date   12:18   58.33
04186>      [DT= 1.00]  SUM=  02:905           32.46    2.762 No_date   12:18   58.32
04187> #                     MAIR MILLS ESTATES SWM FACILITY
04188>  013:0017----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04189>     ROUTE RESERVOIR -> 02:905           32.46    2.762 No_date   12:18   58.32
04190>      [RDT= 1.00] out<- 03:502           32.46     .411 No_date   14:20   58.32
04191>            overflow <= 04:502OVF           .00     .000 No_date    0:00     .00
04192>     (MxStoUsed=.9147E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
04193>  013:0018----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04194>     CALIB NASHYD        01:400            5.70     .157 No_date   12:52   27.44
04195>      [CN= 50.2: N= 3.00]
04196>      [Tp=  .70:DT= 1.00]
04197>  013:0019----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04198>     ADD HYD             01:400            5.70     .157 No_date   12:52   27.44
04199>                       + 03:502           32.46     .411 No_date   14:20   58.32
04200>                       + 04:502OVF           .00     .000 No_date    0:00     .00
04201>      [DT= 1.00]  SUM=  02:906           38.16     .482 No_date   13:43   53.70
04202> #          FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
04203>  013:0020----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04204>     DIVERT HYD      -> 02:906           38.16     .482 No_date   13:43   53.70
04205>              diverted <= 10:To806         8.74     .020 No_date   13:43   53.70
04206>              diverted <= 03:To1023       14.71     .231 No_date   13:43   53.70
04207>              diverted <= 01:To1022       14.71     .231 No_date   13:43   53.70
04208> #                  TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
04209> #                                FLOW AT NODE 1
04210>  013:0021----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04211>     CALIB NASHYD        01:2501           85.82    2.792 No_date   13:59   59.74
04212>      [CN= 78.8: N= 3.00]
04213>      [Tp= 1.72:DT= 1.00]
04214>  013:0022----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04215>     ROUTE CHANNEL   -> 01:2501           85.82    2.792 No_date   13:59   59.74
04216>      [RDT= 1.00] out<- 02:RC1            85.82    2.760 No_date   14:14   59.74
04217>      [L/S/n=  350./1.500/.030]
04218>      [Vmax=  .489:Dmax=  .991]
04219>  013:0023----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04220>     CALIB NASHYD        01:2504            7.94     .295 No_date   12:41   30.88
04221>      [CN= 53.0: N= 3.00]
04222>      [Tp=  .55:DT= 1.00]
04223>  013:0024----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04224>     ADD HYD             01:2504            7.94     .295 No_date   12:41   30.88
04225>                       + 02:RC1            85.82    2.760 No_date   14:14   59.74
04226>      [DT= 1.00]  SUM=  04:2501+2504       93.76    2.833 No_date   14:11   57.30
04227>  013:0025----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04228>     ROUTE CHANNEL   -> 04:2501+2504      93.76    2.833 No_date   14:11   57.30
04229>      [RDT= 1.00] out<- 02:RC2            93.76    2.827 No_date   14:17   57.30
04230>      [L/S/n=  425./1.250/.030]
04231>      [Vmax= 1.161:Dmax=  .905]
04232>  013:0026----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04233>     CALIB NASHYD        01:2503            7.76     .330 No_date   12:49   40.37
04234>      [CN= 62.3: N= 3.00]
04235>      [Tp=  .68:DT= 1.00]
04236>  013:0027----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04237>     CALIB NASHYD        05:2505            6.99     .248 No_date   12:48   33.22
04238>      [CN= 54.0: N= 3.00]
04239>      [Tp=  .65:DT= 1.00]
04240>  013:0028----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04241>     ADD HYD             01:2503            7.76     .330 No_date   12:49   40.37
04242>                       + 02:RC2            93.76    2.827 No_date   14:17   57.30
04243>                       + 05:2505           6.99     .248 No_date   12:48   33.22
04244>      [DT= 1.00]  SUM=  06:2503+2505+    108.51    3.022 No_date   14:09   54.54
04245>  013:0029----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04246>     CALIB NASHYD        01:2506            2.50     .106 No_date   12:32   28.88
04247>      [CN= 49.0: N= 3.00]
04248>      [Tp=  .41:DT= 1.00]
04249>  013:0030----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04250>     ADD HYD             01:2506            2.50     .106 No_date   12:32   28.88
04251>                       + 06:2503+2505+    108.51    3.022 No_date   14:09   54.54
04252>      [DT= 1.00]  SUM=  02:RC+2506        111.01    3.039 No_date   14:08   53.96
04253>  013:0031----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04254>     ROUTE CHANNEL   -> 02:RC+2506        111.01    3.039 No_date   14:08   53.96
04255>      [RDT= 1.00] out<- 04:RC3            111.01    3.037 No_date   14:12   53.96
04256>      [L/S/n=  200./1.000/.030]
04257>      [Vmax=  .969:Dmax=  .908]
04258>  013:0032----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04259>     CALIB NASHYD        01:2507            5.22     .182 No_date   12:40   28.88
04260>      [CN= 49.0: N= 3.00]
04261>      [Tp=  .54:DT= 1.00]
04262>  013:0033----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04263>     ADD HYD             01:2507            5.22     .182 No_date   12:40   28.88
04264>                       + 04:RC3            111.01    3.037 No_date   14:12   53.96
04265>      [DT= 1.00]  SUM=  02:2507+RC        116.23    3.082 No_date   14:10   52.84
04266>  013:0034----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04267>     CALIB NASHYD        01:2508            7.46     .241 No_date   12:46   29.72
04268>      [CN= 50.0: N= 3.00]
04269>      [Tp=  .63:DT= 1.00]
04270>  013:0035----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04271>     ADD HYD             01:2508            7.46     .241 No_date   12:46   29.72
04272>                       + 02:2507+RC        116.23    3.082 No_date   14:10   52.84
04273>      [DT= 1.00]  SUM=  09:1000           123.69    3.161 No_date   14:06   51.44
04274> #                MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
04275>  013:0036----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04276>     CALIB NASHYD        01:103             8.70     .430 No_date   12:36   36.76
04277>      [CN= 59.2: N= 3.00]
04278>      [Tp=  .48:DT= 1.00]
04279>  013:0037----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04280>     ADD HYD             01:103             8.70     .430 No_date   12:36   36.76
04281>                       + 03:To1023         14.71     .231 No_date   13:43   53.70
04282>      [DT= 1.00]  SUM=  02:1023           23.41     .566 No_date   12:38   47.41
04283>  013:0038----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04284>     CALIB NASHYD        01:205             1.41     .097 No_date   12:19   29.50
04285>      [CN= 51.1: N= 3.00]
04286>      [Tp=  .20:DT= 1.00]
04287>  013:0039----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04288>     ADD HYD             01:205             1.41     .097 No_date   12:19   29.50
04289>                       + 02:1023           23.41     .566 No_date   12:38   47.41
04290>      [DT= 1.00]  SUM=  03:802            24.82     .616 No_date   12:34   46.39
04291>  013:0040----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04292>     CALIB STANDHYD      01:201            18.41    3.504 No_date   12:12   65.82
04293>      [XIMP=.43:TIMP=.56]
04294>      [LOSS= 2 :CN= 49.0]
04295>      [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=    .0]
04296>      [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=    .0]
04297>  013:0041----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04298>     ADD HYD             01:201            18.41    3.504 No_date   12:12   65.82
04299>                       + 03:802            24.82     .616 No_date   12:34   46.39
04300>      [DT= 1.00]  SUM=  02:803            43.23    3.834 No_date   12:12   54.66
04301>  013:0042----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04302>     CALIB NASHYD        01:202             1.10     .067 No_date   12:22   29.75
04303>      [CN= 55.0: N= 3.00]
04304>      [Tp=  .25:DT= 1.00]
04305>  013:0043----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04306>     ADD HYD             01:202             1.10     .067 No_date   12:22   29.75
04307>                       + 02:803            43.23    3.834 No_date   12:12   54.66
04308>      [DT= 1.00]  SUM=  03:804            44.33    3.880 No_date   12:12   54.05
04309>  013:0044----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04310>     CALIB NASHYD        01:1021            4.66     .148 No_date   12:57   33.86
04311>      [CN= 55.3: N= 3.00]
04312>      [Tp=  .78:DT= 1.00]
04313>  013:0045----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04314>     COMPUTE DUALHYD     01:1021            4.66     .148 No_date   12:57   33.86
04315>       Major System /  04:To1000           1.45     .102 No_date   12:57   33.86
04316>       Minor System \  02:To810            3.21     .046 No_date   12:13   33.86
04317>  013:0046----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04318>     ADD HYD             02:To810           3.21     .046 No_date   12:13   33.86
04319>                       + 03:804            44.33    3.880 No_date   12:12   54.05
04320>      [DT= 1.00]  SUM=  05:810            47.54    3.925 No_date   12:12   52.68
```

100 yr SCS

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#                    MAIR MILLS VILLAGE SWMF
 013:0047--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ROUTE RESERVOIR -> 05:810              47.54    3.925 No_date   12:12   52.68
        [RDT= 1.00] out<- 02:1026            47.54     .820 No_date   13:06   52.68
                  overflow <= 03:1026OVF       .00     .000 No_date    0:00     .00
        [MxStoUsed=.8412E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
 013:0048--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD                02:1026       47.54     .820 No_date   13:06   52.68
                           + 03:1026OVF       .00     .000 No_date    0:00     .00
        [DT= 1.00]  SUM=  05:Pond1026ou      47.54     .820 No_date   13:06   52.68
#              TENTH LINE DITCH FLOW SPLIT (OUTLETS A AND B)
 013:0049--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      DIVERT HYD       -> 05:Pond1026ou      47.54     .820 No_date   13:06   52.68
                 diverted <= 02:To807        15.02     .041 No_date   13:06   52.68
                 diverted <= 07:To809        29.96     .560 No_date   13:06   52.68
                 diverted <= 03:To1025        2.55     .219 No_date   13:06   52.68
#                      FLOWS TO OUTLET A/ NODE 2(UPSTREAM OF TENTH LINE)
 013:0050--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD                09:1000       123.69    3.161 No_date   14:06   51.44
                           + 04:To1000       1.45     .102 No_date   12:57   33.86
                             05:Node 2     125.14    3.192 No_date   14:01   51.24
                                    FLOWS TO OUTLET B
#
 013:0051--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB NASHYD           01:207          1.22     .121 No_date   12:15   33.86
        [CN= 55.3: N= 3.00]
        [Tp=  .13:DT= 1.00]
 013:0052--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD                01:207          1.22     .121 No_date   12:15   33.86
                           + 02:To807        15.02     .041 No_date   13:06   52.68
                             06:807          16.24     .161 No_date   12:15   51.27
        [DT= 1.00]  SUM=  06:807          16.24     .161 No_date   12:15   51.27
 013:0053--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD                03:To1025        2.55     .219 No_date   13:06   52.68
                           + 05:Node 2      125.14    3.192 No_date   14:01   51.24
        [DT= 1.00]  SUM=  01:1025         127.70    3.343 No_date   13:53   51.27
 013:0054--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD                07:To809        29.96     .560 No_date   13:06   52.68
                           + 01:1025        127.70    3.343 No_date   13:53   51.27
        [DT= 1.00]  SUM=  02:809          157.66    3.903 No_date   13:53   51.54
 013:0055--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD                06:807          16.24     .161 No_date   12:15   51.27
                           + 10:To806         8.74     .020 No_date   13:43   53.70
        [DT= 1.00]  SUM=  03:806-OutB        24.98     .181 No_date   12:15   52.12
#                    LINKSVIEW AND CONTRIBUTING AREAS
 013:0056--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB NASHYD           04:2502         5.52     .242 No_date   12:40   35.57
        [CN= 58.4: N= 3.00]
        [Tp=  .54:DT= 1.00]
 013:0057--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB NASHYD           05:2509         5.30     .338 No_date   12:26   36.76
        [CN= 59.0: N= 3.00]
        [Tp=  .33:DT= 1.00]
 013:0058--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB STANDHYD         06:2500        38.20    5.125 No_date   12:16   62.20
        [XIMP=.30:TIMP=.50]
        [LOSS= 2 :CN= 55.3]
        [Pervious    area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
        [Impervious  area: IAimp= 2.00:SLPI= .50:LGI= 305.:MNI=.013:SCI=    .0]
 013:0059--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD                04:2502         5.52     .242 No_date   12:40   35.57
                           + 05:2509         5.30     .338 No_date   12:26   36.76
                           + 06:2500        38.20    5.125 No_date   12:16   62.20
        [DT= 1.00]  SUM=  07:Pondin        49.02    5.527 No_date   12:16   56.45
#                                 LINKSVIEW SWM FACILITIY
 013:0060--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ROUTE RESERVOIR -> 07:Pondin         49.02    5.527 No_date   12:16   56.45
        [RDT= 1.00] out<- 08:LinkPond      49.02     .945 No_date   13:15   56.45
                  overflow <= 09:OVF           .00     .000 No_date    0:00     .00
        [MxStoUsed=.1436E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
 013:0061--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD                08:LinkPond      49.02     .945 No_date   13:15   56.45
                           + 09:OVF             .00     .000 No_date    0:00     .00
        [DT= 1.00]  SUM=  04:Pondout       49.02     .945 No_date   13:15   56.45
#                                 FLOWS FROM TENTH LINE
 013:0062--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB STANDHYD         08:2601          .25     .063 No_date   12:12   78.24
        [XIMP=.64:TIMP=.64]
        [LOSS= 2 :CN= 49.0]
        [Pervious    area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=    .0]
        [Impervious  area: IAimp= 2.00:SLPI= .50:LGI= 48.:MNI=.013:SCI=    .0]
 013:0063--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB STANDHYD         09:2602          1.30     .296 No_date   12:12   78.24
        [XIMP=.64:TIMP=.64]
        [LOSS= 2 :CN= 49.0]
        [Pervious    area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=    .0]
        [Impervious  area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.013:SCI=    .0]
 013:0064--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      COMPUTE DUALHYD        09:2602          1.30     .296 No_date   12:12   78.24
        Major System /  06:Overflow          .04     .076 No_date   12:12   78.24
        Minor System \  05:Syrflow           1.26     .220 No_date   12:06   78.24
#                    FLOWS IN POTENTIAL FUTURE OUTLET PIPE
 013:0065--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD                04:Pondout       49.02     .945 No_date   13:15   56.45
                           + 05:Syrflow         1.26     .220 No_date   12:06   78.24
        [DT= 1.00]  SUM=  10:LinkPipe      50.28     .965 No_date   13:13   57.00
#                    FLOWS TO OUTLET A/NODE 3 (DOWNSTREAM OF TENTH LINE)
 013:0066--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD                10:LinkPipe      50.28     .965 No_date   13:13   57.00
                           + 02:809          157.66    3.903 No_date   13:53   51.54
                           + 06:Overflow        .04     .076 No_date   12:12   78.24
                           + 08:2601            .25     .063 No_date   12:12   78.24
        [DT= 1.00]  SUM=  01:Node3         208.23    4.821 No_date   13:45   52.89
#                    FLOWS TO NODE 4 (SUM OF OUTLETS A AND B)
 013:0067--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD                01:Node3         208.23    4.821 No_date   13:45   52.89
                           + 03:806-OutB        24.98     .181 No_date   12:15   52.12
        [DT= 1.00]  SUM=  04:Node4         233.21    4.891 No_date   13:45   52.81
   ** END OF RUN :  13

 ***********************************************************************************

                                  Timmins

 RUN:COMMAND#
 014:0001--------------------------------------------------------------------------
      START
        [TZERO =    .00 hrs on       0]
        [METOUT=   2    (1=imperial, 2=metric output)]
        [NSTORM=   1 ]
        [NRUN  =  14 ]
 #*****************************************************************************
 #  Project Name: [Linksview Post-Development]  Project Number: [183-2687]
 #  Date        : 2014 08 22
 #  Modified    :
 #  Modeller    : [A.French]
 #  Company     : C.F. Crozier & Associates Inc.
 #  License #   : 3737016
 #*****************************************************************************
 #*****************************************************************************
 014:0002--------------------------------------------------------------------------
      READ STORM
        Filename = STORM.001
        Comment  =
        [SDT=60.00:SDUR=  12.00:PTOT= 193.00]

#              MAIR MILLS ESTATES AND CONTRIBUTING AREAS
 014:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB NASHYD           01:300          4.55     .301 No_date    7:27   121.15
        [CN= 71.0: N= 3.00]
        [Tp=  .74:DT= 1.00]
 014:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ROUTE CHANNEL    -> 01:300          4.55     .301 No_date    7:27   121.15
        [RDT= 1.00] out<- 02:701          4.55     .274 No_date    7:45   121.15
        [L/S/n=  450./ .050/.040]
        [Vmax=  .288:Dmax=  .317]
 014:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB NASHYD           01:301          5.97     .420 No_date    7:19   121.15
        [CN= 71.0: N= 3.00]
        [Tp=  .63:DT= 1.00]
 014:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD                01:301          5.97     .420 No_date    7:19   121.15
                           + 02:701          4.55     .274 No_date    7:45   121.15
        [DT= 1.00]  SUM=  03:901          10.52     .677 No_date    7:27   121.15
 014:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ROUTE CHANNEL    -> 03:901          10.52     .677 No_date    7:27   121.15
        [RDT= 1.00] out<- 01:702          10.52     .637 No_date    7:39   121.15
        [L/S/n=  300./ .050/.060]
        [Vmax=  .279:Dmax=  .570]
 014:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ROUTE RESERVOIR -> 01:702          10.52     .637 No_date    7:39   121.15
        [RDT= 1.00] out<- 02:501          10.52     .193 No_date   12:44   121.15
                  overflow <= 03:501OVF        .00     .000 No_date    0:00     .00
        [MxStoUsed=.6122E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
 014:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB STANDHYD         01:302         16.39    1.423 No_date    7:04   136.79
        [XIMP=.20:TIMP=.40]
        [LOSS= 2 :CN= 65.2]
        [Pervious    area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
        [Impervious  area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=    .0]
 014:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD                01:302         16.39    1.423 No_date    7:04   136.79
                           + 02:501         10.52     .193 No_date   12:44   121.15
                           + 03:501OVF        .00     .000 No_date    0:00     .00
        [DT= 1.00]  SUM=  04:902          26.91    1.595 No_date    7:04   130.67
 014:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB STANDHYD         01:303          2.34     .224 No_date    7:01   144.22
        [XIMP=.25:TIMP=.50]
        [LOSS= 2 :CN= 65.2]
        [Pervious    area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
        [Impervious  area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=    .0]
 014:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD                01:303          2.34     .224 No_date    7:01   144.22
                           + 04:902         26.91    1.595 No_date    7:04   130.67
        [DT= 1.00]  SUM=  02:903          29.25    1.817 No_date    7:03   131.75
 014:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB NASHYD           01:304          2.90     .230 No_date    7:03   112.07
        [CN= 66.6: N= 3.00]
        [Tp=  .28:DT= 1.00]
 014:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD                01:304          2.90     .230 No_date    7:03   112.07
                           + 02:903         29.25    1.817 No_date    7:03   131.75
        [DT= 1.00]  SUM=  03:904          32.15    2.047 No_date    7:03   129.98
 014:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB STANDHYD         01:305           .31     .023 No_date    7:00   125.69
        [XIMP=.20:TIMP=.20]
        [LOSS= 2 :CN= 65.2]
        [Pervious    area: IAper= 5.00:SLPP=  .50:LGP= 100.:MNP=.250:SCP=    .0]
        [Impervious  area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=    .0]
 014:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD                01:305           .31     .023 No_date    7:00   125.69
                           + 03:904         32.15    2.047 No_date    7:03   129.98
        [DT= 1.00]  SUM=  02:905          32.46    2.066 No_date    7:03   129.94
#                    MAIR MILLS ESTATES SWM FACILITY
 014:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ROUTE RESERVOIR -> 02:905          32.46    2.066 No_date    7:03   129.94
        [RDT= 1.00] out<- 03:502          32.46    1.385 No_date    7:42   129.94
                  overflow <= 04:502OVF        .00     .000 No_date    0:00     .00
        [MxStoUsed=.1190E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
 014:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB NASHYD           01:400          5.70     .238 No_date    7:27    76.99
        [CN= 50.2: N= 3.00]
        [Tp=  .70:DT= 1.00]
 014:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD                01:400          5.70     .238 No_date    7:27    76.99
                           + 03:502         32.46    1.385 No_date    7:42   129.94
                           + 04:502OVF        .00     .000 No_date    0:00     .00
        [DT= 1.00]  SUM=  02:906          38.16    1.617 No_date    7:40   122.03
#              FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
 014:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      DIVERT HYD       -> 02:906          38.16    1.617 No_date    7:40   122.03
                 diverted <= 10:To806        4.28     .020 No_date    7:40   122.03
                 diverted <= 03:To1023      16.94     .799 No_date    7:40   122.03
                 diverted <= 01:To1022      16.94     .799 No_date    7:40   122.03
#                    TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
#                                  FLOW AT NODE 1
 014:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB NASHYD           01:2501        85.82    4.743 No_date    9:24   135.47
        [CN= 78.8: N= 3.00]
        [Tp= 1.72:DT= 1.00]
 014:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ROUTE CHANNEL    -> 01:2501        85.82    4.743 No_date    9:24   135.47
        [RDT= 1.00] out<- 02:RC1          85.82    4.728 No_date    9:35   135.47
        [L/S/n=  350./1.500/.030]
        [Vmax=  .493:Dmax= 1.084]
 014:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB NASHYD           01:2504         7.94     .395 No_date    7:16    83.60
        [CN= 53.0: N= 3.00]
        [Tp=  .55:DT= 1.00]
 014:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD                01:2504         7.94     .395 No_date    7:16    83.60
                           + 02:RC1          85.82    4.728 No_date    9:35   135.47
        [DT= 1.00]  SUM=  04:2501+2504     93.76    5.002 No_date    9:27   131.09
 014:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ROUTE CHANNEL    -> 04:2501+2504     93.76    5.002 No_date    9:27   131.09
        [RDT= 1.00] out<- 02:RC2          93.76    4.998 No_date    9:32   131.09
        [L/S/n=  425./1.250/.030]
        [Vmax= 1.250:Dmax= 1.041]
 014:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB NASHYD           01:2503         7.76     .443 No_date    7:24   102.24
        [CN= 62.3: N= 3.00]
        [Tp=  .68:DT= 1.00]
 014:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB NASHYD           05:2505         6.99     .341 No_date    7:23    87.41
        [CN= 54.0: N= 3.00]
        [Tp=  .65:DT= 1.00]
 014:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD                01:2503         7.76     .443 No_date    7:24   102.24
                           + 02:RC2          93.76    4.998 No_date    9:32   131.09
                           + 05:2505         6.99     .341 No_date    7:23    87.41
        [DT= 1.00]  SUM=  06:2503+2505+    108.51    5.591 No_date    9:22   126.22
 014:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB NASHYD           01:2506         2.50     .126 No_date    7:09    78.13
        [CN= 49.0: N= 3.00]
        [Tp=  .41:DT= 1.00]
 014:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD                01:2506         2.50     .126 No_date    7:09    78.13
                           + 06:2503+2505+    108.51    5.591 No_date    9:22   126.22
        [DT= 1.00]  SUM=  02:RC+2506       111.01    5.673 No_date    9:20   125.14
 014:0031--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ROUTE CHANNEL    -> 02:RC+2506       111.01    5.673 No_date    9:20   125.14
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04591>       [RDT= 1.00] out<- 04:RC3          111.01    5.671 No_date    9:24  125.14
04592>       [L/S/n=  200./1.000/.030]
04593>       [Vmax= 1.063:Dmax= 1.051]
04594>  014:0032----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04595>      CALIB NASHYD       01:2507           5.22     .241 No_date    7:16   78.13
04596>       [CN= 49.0: N= 3.00]
04597>       [Tp=  .54:DT= 1.00]
04598>  014:0033----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04599>      ADD HYD            01:2507           5.22     .241 No_date    7:16   78.13
04600>                       + 04:RC3          111.01    5.671 No_date    9:24  125.14
04601>       [DT= 1.00]  SUM=  02:2507+RC      116.23    5.848 No_date    9:21  123.02
04602>  014:0034----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04603>      CALIB NASHYD       01:2508           7.46     .334 No_date    7:22   79.96
04604>       [CN= 50.0: N= 3.00]
04605>       [Tp=  .63:DT= 1.00]
04606>  014:0035----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04607>      ADD HYD            01:2508           7.46     .334 No_date    7:22   79.96
04608>                       + 02:2507+RC      116.23    5.848 No_date    9:21  123.02
04609>       [DT= 1.00]  SUM=  09:1000         123.69    6.111 No_date    9:20  120.43
04610> #                    MAIR MILLS VILLAGE AND CONTRIBUTING AREAS
04611>  014:0036----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04612>      CALIB NASHYD       01:103            8.70     .523 No_date    7:12   95.57
04613>       [CN= 59.2: N= 3.00]
04614>       [Tp=  .48:DT= 1.00]
04615>  014:0037----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04616>      ADD HYD            01:103            8.70     .523 No_date    7:12   95.57
04617>                       + 03:To1023        16.94     .799 No_date    7:40  122.03
04618>       [DT= 1.00]  SUM=  02:1023          25.64    1.260 No_date    7:28  113.05
04619>  014:0038----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04620>      CALIB NASHYD       01:205            1.41     .082 No_date    7:02   80.43
04621>       [CN= 51.1: N= 3.00]
04622>       [Tp=  .20:DT= 1.00]
04623>  014:0039----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04624>      ADD HYD            01:205            1.41     .082 No_date    7:02   80.43
04625>                       + 02:1023          25.64    1.260 No_date    7:28  113.05
04626>       [DT= 1.00]  SUM=  03:802           27.05    1.309 No_date    7:26  111.35
04627>  014:0040----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04628>      CALIB STANDHYD     01:201            18.41    1.622 No_date    7:00  134.10
04629>       [XIMP=.43:TIMP=.56]
04630>       [LOSS= 2 :CN= 49.0]
04631>       [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
04632>       [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
04633>  014:0041----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04634>      ADD HYD            01:201            18.41    1.622 No_date    7:00  134.10
04635>                       + 03:802           27.05    1.309 No_date    7:26  111.35
04636>       [DT= 1.00]  SUM=  02:803           45.46    2.742 No_date    7:01  120.56
04637>  014:0042----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04638>      CALIB NASHYD       01:202            1.10     .066 No_date    7:03   83.47
04639>       [CN= 55.0: N= 3.00]
04640>       [Tp=  .25:DT= 1.00]
04641>  014:0043----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04642>      ADD HYD            01:202            1.10     .066 No_date    7:03   83.47
04643>                       + 02:803           45.46    2.742 No_date    7:01  120.56
04644>       [DT= 1.00]  SUM=  03:804           46.56    2.808 No_date    7:01  119.68
04645>  014:0044----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04646>      CALIB NASHYD       01:1021           4.66     .217 No_date    7:33   89.14
04647>       [CN= 55.3: N= 3.00]
04648>       [Tp=  .78:DT= 1.00]
04649>  014:0045----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04650>      COMPUTE DUALHYD    01:1021           4.66     .217 No_date    7:33   89.14
04651>         Major System /  04:To1000         2.76     .171 No_date    7:33   89.14
04652>         Minor System \  02:To810          1.90     .046 No_date    5:49   89.14
04653>  014:0046----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04654>      ADD HYD            02:To810          1.90     .046 No_date    5:49   89.14
04655>                       + 03:804           46.56    2.808 No_date    7:01  119.68
04656>       [DT= 1.00]  SUM=  05:810           48.47    2.854 No_date    7:01  118.49
04657> #                    MAIR MILLS VILLAGE SWMF
04658>  014:0047----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04659>      ROUTE RESERVOIR -> 05:810          48.47    2.854 No_date    7:01  118.49
04660>       [RDT= 1.00] out<- 02:1026         48.47    2.733 No_date    7:05  118.48
04661>             overflow <= 03:1026OVF        .00     .000 No_date    0:00     .00
04662>       [MxStoUsed=.9893E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
04663>  014:0048----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04664>      ADD HYD            02:1026           48.47    2.733 No_date    7:05  118.48
04665>                       + 03:1026OVF          .00     .000 No_date    0:00     .00
04666>       [DT= 1.00]  SUM=  05:Pond1026ou     48.47    2.733 No_date    7:05  118.48
04667> #              TENTH LINE DITCH FLOW SPLIT (OUTLETS A AND B)
04668>  014:0049----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04669>   *  DIVERT HYD      -> 05:Pond1026ou     48.47    2.733 No_date    7:05  118.48
04670>             diverted <= 02:To807          7.76     .050 No_date    7:05  118.48
04671>             diverted <= 07:To809         19.31     .561 No_date    7:05  118.48
04672>             diverted <= 03:To1025        21.39    2.122 No_date    7:05  118.48
04673> #                      FLOWS TO OUTLET A/ NODE 2(UPSTREAM OF TENTH LINE)
04674>  014:0050----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04675>      ADD HYD            09:1000         123.69    6.111 No_date    9:20  120.43
04676>                       + 04:To1000         2.76     .171 No_date    7:33   89.14
04677>       [DT= 1.00]  SUM=  05:Node 2       126.45    6.249 No_date    9:19  119.75
04678> #                                FLOWS TO OUTLET B
04679>  014:0051----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04680>      CALIB NASHYD       01:207            1.22     .081 No_date    7:01   89.14
04681>       [CN= 55.3: N= 3.00]
04682>       [Tp=  .13:DT= 1.00]
04683>  014:0052----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04684>      ADD HYD            01:207            1.22     .081 No_date    7:01   89.14
04685>                       + 02:To807          7.76     .050 No_date    7:05  118.48
04686>       [DT= 1.00]  SUM=  06:807           8.98     .130 No_date    7:01  114.49
04687>  014:0053----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04688>      ADD HYD            03:To1025        21.39    2.122 No_date    7:05  118.48
04689>                       + 05:Node 2       126.45    6.249 No_date    9:19  119.75
04690>       [DT= 1.00]  SUM=  01:1025         147.84    7.779 No_date    9:05  119.56
04691>  014:0054----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04692>      ADD HYD            07:To809         19.31     .561 No_date    7:05  118.48
04693>                       + 01:1025         147.84    7.779 No_date    9:05  119.56
04694>       [DT= 1.00]  SUM=  02:809          167.15    8.339 No_date    9:05  119.44
04695>  014:0055----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04696>      ADD HYD            06:807            8.98     .130 No_date    7:01  114.49
04697>                       + 10:To806          4.28     .020 No_date    7:40  122.03
04698>       [DT= 1.00]  SUM=  03:806-OutB       13.26     .150 No_date    7:01  116.92
04699> #                      LINKSVIEW AND CONTRIBUTING AREAS
04700>  014:0056----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04701>      CALIB NASHYD       04:2502           5.52     .312 No_date    7:15   93.49
04702>       [CN= 58.4: N= 3.00]
04703>       [Tp=  .54:DT= 1.00]
04704>  014:0057----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04705>      CALIB NASHYD       05:2509           5.30     .348 No_date    7:05   95.44
04706>       [CN= 59.0: N= 3.00]
04707>       [Tp=  .33:DT= 1.00]
04708>  014:0058----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04709>      CALIB STANDHYD     06:2500          38.20    3.215 No_date    7:02  132.04
04710>       [XIMP=.30:TIMP=.50]
04711>       [LOSS= 2 :CN= 55.3]
04712>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
04713>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 505.:MNI=.013:SCI=   .0]
04714>  014:0059----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04715>      ADD HYD            04:2502           5.52     .312 No_date    7:15   93.49
04716>                       + 05:2509           5.30     .348 No_date    7:05   95.44
04717>                       + 06:2500          38.20    3.215 No_date    7:02  132.04
04718>       [DT= 1.00]  SUM=  07:Pondin        49.02    3.854 No_date    7:03  123.74
04719> #                                LINKSVIEW SWM FACILTIY
04720>  014:0060----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04721>      ROUTE RESERVOIR -> 07:Pondin       49.02    3.854 No_date    7:03  123.74
04722>       [RDT= 1.00] out<- 08:LinkPond     49.02    1.816 No_date    9:31  123.74
04723>             overflow <= 09:OVF            .00     .000 No_date    0:00     .00
04724>       [MxStoUsed=.2554E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
04725>  014:0061----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04726>      ADD HYD            08:LinkPond       49.02    1.816 No_date    9:31  123.74
04727>                       + 09:OVF              .00     .000 No_date    0:00     .00
04728>       [DT= 1.00]  SUM=  04:Pondout        49.02    1.816 No_date    9:31  123.74
04729> #                      FLOWS FROM TENTH LINE
04730>  014:0062----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04731>      CALIB STANDHYD     08:2601            .25     .024 No_date    7:00  150.37
04732>       [XIMP=.64:TIMP=.64]
04733>       [LOSS= 2 :CN= 49.0]
04734>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
04735>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.013:SCI=   .0]
04736>  014:0063----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04737>      CALIB STANDHYD     09:2602           1.30     .126 No_date    7:00  150.37
04738>       [XIMP=.64:TIMP=.64]
04739>       [LOSS= 2 :CN= 49.0]
04740>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
04741>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.013:SCI=   .0]
04742>  014:0064----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04743>      COMPUTE DUALHYD     09:2602           1.30     .126 No_date    7:00  150.37
04744>         Major System /   06:Overflow         .00     .000 No_date    0:00     .00
04745>         Minor System \   05:5yrflow        1.30     .126 No_date    7:00  150.37
04746> #                    FLOWS IN POTENTIAL FUTURE OUTLET PIPE
04747>  014:0065----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04748>      ADD HYD            04:Pondout        49.02    1.816 No_date    9:31  123.74
04749>                       + 05:5yrflow        1.30     .126 No_date    7:00  150.37
04750>       [DT= 1.00]  SUM=  10:LinkPipe       50.32    1.858 No_date    9:28  124.42
04751> #                    FLOWS TO OUTLET A/NODE 3 (DOWNSTREAM OF TENTH LINE)
04752>  014:0066----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04753>      ADD HYD            10:LinkPipe       50.32    1.858 No_date    9:28  124.42
04754>                       + 02:809           167.15    8.339 No_date    9:05  119.44
04755>                       + 06:Overflow         .00     .000 No_date    0:00     .00
04756>                       + 08:2601             .25     .024 No_date    7:00  150.37
04757>       [DT= 1.00]  SUM=  01:Node3        217.72   10.195 No_date    9:05  120.62
04758> #                    FLOWS TO NODE 4 (SUM OF OUTLETS A AND B)
04759>  014:0067----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04760>      ADD HYD            01:Node3        217.72   10.195 No_date    9:05  120.62
04761>                       + 03:806-OutB      13.26     .150 No_date    7:01  116.92
04762>       [DT= 1.00]  SUM=  04:Node4        230.98   10.311 No_date    9:04  120.41
04763>  014:0002----------------------------------------------------------------------
04764>      FINISH
04765> ------------------------------------------------------------------------------
04766> ******************************************************************************
04767>      WARNINGS / ERRORS / NOTES
04768>      -------------------------
04769>  014:0049 DIVERT HYD      ->
04770>        *** WARNING: Outflow tables were exceeded.
04771>    Simulation ended on 2014-10-17     at 13:50:43
04772> ------------------------------------------------------------------------------
04773>
04774>
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CROZIER & ASSOCIATES
Consulting Engineers

Project: Linksview
Project No.: 183-2687
Design by: KW
Date: 10-Oct-14

LINKSVIEW POND HYDRAULIC DESIGN

ED Orifice Diameter:	0.235 m	Emergency Spill Elev.	197.8 m
ED Orifice Invert Elevation:	195.25 m	Emerg Spill Bot. Width	25 m
Outlet Orifice Diameter	0.730 m	Trap. Side Slopes	6 :1 H:V
Outlet Orifice Invert Elevation:	196.00 m		
Rect Weir Invert	197.00 m		
Rect Weir Width	0.20		

Elev.	Depth Above PP	Area	Storage Volume	1st Orifice Discharge	2nd Orifice Discharge	Rect Weir Discharge	Emerg. Weir Ave. Width	Emerg. Weir Discharge	Total Discharge	Storage
(m)	(m)	(sqm)	(cu.m)	(cu.m/s)	(cu.m/s)	(cu.m/s)	(m)	(cu.m/s)	(cu.m/s)	(ha-m)
										0
195.25	0.00	6579	0	0.0000	0.0000	0.0000	0.00	0.000	0.000	0.000
195.30	0.05	6724	333	0.0000	0.0000	0.0000	0.00	0.000	0.000	0.033
195.35	0.10	6869	672	0.0000	0.0000	0.0000	0.00	0.000	0.000	0.067
195.40	0.15	7013	1019	0.0222	0.0000	0.0000	0.00	0.000	0.022	0.102
195.45	0.20	7158	1374	0.0353	0.0000	0.0000	0.00	0.000	0.035	0.137
195.50	0.25	7303	1735	0.0448	0.0000	0.0000	0.00	0.000	0.045	0.174
195.55	0.30	7448	2104	0.0525	0.0000	0.0000	0.00	0.000	0.053	0.210
195.60	0.35	7593	2480	0.0593	0.0000	0.0000	0.00	0.000	0.059	0.248
195.65	0.40	7737	2863	0.0654	0.0000	0.0000	0.00	0.000	0.065	0.286
195.70	0.45	7882	3254	0.0709	0.0000	0.0000	0.00	0.000	0.071	0.325
195.75	0.50	8027	3652	0.0760	0.0000	0.0000	0.00	0.000	0.076	0.365
195.80	0.55	8172	4056	0.0809	0.0000	0.0000	0.00	0.000	0.081	0.406
195.85	0.60	8317	4469	0.0854	0.0000	0.0000	0.00	0.000	0.085	0.447
195.90	0.65	8461	4888	0.0897	0.0000	0.0000	0.00	0.000	0.090	0.489
195.95	0.70	8606	5315	0.0938	0.0000	0.0000	0.00	0.000	0.094	0.531
196.00	0.75	8751	5749	0.0978	0.0000	0.0000	0.00	0.000	0.098	0.575
196.05	0.80	8898	6190	0.1016	0.0000	0.0000	0.00	0.000	0.102	0.619
196.10	0.85	9046	6639	0.1052	0.0000	0.0000	0.00	0.000	0.105	0.664
196.15	0.90	9193	7095	0.1088	0.0000	0.0000	0.00	0.000	0.109	0.709
196.20	0.95	9341	7558	0.1122	0.0000	0.0000	0.00	0.000	0.112	0.756
196.25	1.00	9488	8029	0.1155	0.0000	0.0000	0.00	0.000	0.116	0.803
196.30	1.05	9636	8507	0.1187	0.0000	0.0000	0.00	0.000	0.119	0.851
196.35	1.10	9783	8992	0.1219	0.0000	0.0000	0.00	0.000	0.122	0.899
196.40	1.15	9931	9485	0.1249	0.2220	0.0000	0.00	0.000	0.347	0.949
196.45	1.20	10078	9985	0.1279	0.3459	0.0000	0.00	0.000	0.474	0.999
196.50	1.25	10226	10493	0.1309	0.4359	0.0000	0.00	0.000	0.567	1.049
196.55	1.30	10373	11008	0.1337	0.5103	0.0000	0.00	0.000	0.644	1.101
196.60	1.35	10520	11530	0.1365	0.5752	0.0000	0.00	0.000	0.712	1.153
196.65	1.40	10668	12060	0.1392	0.6334	0.0000	0.00	0.000	0.773	1.206
196.70	1.45	10815	12597	0.1419	0.6867	0.0000	0.00	0.000	0.829	1.260
196.75	1.50	10963	13141	0.1446	0.7362	0.0000	0.00	0.000	0.881	1.314
196.80	1.55	11110	13693	0.1472	0.7825	0.0000	0.00	0.000	0.930	1.369
196.85	1.60	11258	14252	0.1497	0.8263	0.0000	0.00	0.000	0.976	1.425
196.90	1.65	11405	14819	0.1522	0.8678	0.0000	0.00	0.000	1.020	1.482
196.95	1.70	11553	15393	0.1547	0.9075	0.0000	0.00	0.000	1.062	1.539
197.00	1.75	11700	15974	0.1571	0.9455	0.0000	0.00	0.000	1.103	1.597
197.05	1.80	11817	16562	0.1595	0.9820	0.0038	0.00	0.000	1.145	1.656
197.10	1.85	11933	17156	0.1618	1.0172	0.0108	0.00	0.000	1.190	1.716
197.15	1.90	12050	17755	0.1642	1.0512	0.0198	0.00	0.000	1.235	1.776
197.20	1.95	12166	18361	0.1664	1.0842	0.0304	0.00	0.000	1.281	1.836
197.25	2.00	12283	18972	0.1687	1.1162	0.0425	0.00	0.000	1.327	1.897
197.30	2.05	12400	19589	0.1709	1.1473	0.0559	0.00	0.000	1.374	1.959
197.35	2.10	12516	20212	0.1731	1.1776	0.0704	0.00	0.000	1.421	2.021
197.40	2.15	12633	20841	0.1753	1.2071	0.0860	0.00	0.000	1.468	2.084
197.45	2.20	12749	21475	0.1774	1.2359	0.1026	0.00	0.000	1.516	2.148
197.50	2.25	12866	22116	0.1796	1.2640	0.1202	0.00	0.000	1.564	2.212
197.55	2.30	12983	22762	0.1816	1.2916	0.1387	0.00	0.000	1.612	2.276
197.60	2.35	13099	23414	0.1837	1.3186	0.1580	0.00	0.000	1.660	2.341
197.65	2.40	13216	24072	0.1858	1.3450	0.1782	0.00	0.000	1.709	2.407
197.70	2.45	13332	24736	0.1878	1.3709	0.1991	0.00	0.000	1.758	2.474
197.75	2.50	13449	25405	0.1898	1.3963	0.2208	0.00	0.000	1.807	2.541
197.80	2.55	13565	26080	0.1918	1.4213	0.2433	25.00	0.000	1.856	2.608
197.85	2.60	13682	26762	0.1937	1.4459	0.2664	25.30	0.441	2.347	2.676
197.90	2.65	13799	27449	0.1957	1.4700	0.2903	25.60	1.263	3.219	2.745
197.95	2.70	13915	28141	0.1976	1.4938	0.3148	25.90	2.347	4.353	2.814
198.00	2.75	14032	28840	0.1995	1.5171	0.3400	26.20	3.656	5.712	2.884
198.05	2.80	14148	29545	0.2014	1.5402	0.3658	26.50	5.168	7.275	2.954
198.10	2.85	14265	30255	0.2033	1.5628	0.3923	26.80	6.870	9.028	3.026

APPENDIX C

Ultimate Development Hydrologic Modeling and SWM Design

CROZIER & ASSOCIATES
Consulting Engineers

Project: Linksview
Project No.: 183-2687
Design by: KW
Date: 10-Oct-14

LINKSVIEW POND HYDRAULIC DESIGN

ED Orifice Diameter:	0.235 m	Emergency Spill Elev.	197.8 m
ED Orifice Invert Elevation:	195.25 m	Emerg Spill Bot. Width	25 m
Outlet Orifice Diameter	0.730 m	Trap. Side Slopes	6 :1 H:V
Outlet Orifice Invert Elevation:	196.00 m		
Rect Weir Invert	197.00 m		
Rect Weir Width	0.20		

Elev.	Depth Above PP	Area	Storage Volume	1st Orifice Discharge	2nd Orifice Discharge	Rect Weir Discharge	Emerg. Weir Ave. Width	Emerg. Weir Discharge	Total Discharge	Storage
(m)	(m)	(sqm)	(cu.m)	(cu.m/s)	(cu.m/s)	(cu.m/s)	(m)	(cu.m/s)	(cu.m/s)	(ha-m)
195.25	0.00	6579	0	0.0000	0.0000	0.0000	0.00	0.000	0.000	0.000
195.30	0.05	6724	333	0.0000	0.0000	0.0000	0.00	0.000	0.000	0.033
195.35	0.10	6869	672	0.0000	0.0000	0.0000	0.00	0.000	0.000	0.067
195.40	0.15	7013	1019	0.0222	0.0000	0.0000	0.00	0.000	0.022	0.102
195.45	0.20	7158	1374	0.0353	0.0000	0.0000	0.00	0.000	0.035	0.137
195.50	0.25	7303	1735	0.0448	0.0000	0.0000	0.00	0.000	0.045	0.174
195.55	0.30	7448	2104	0.0525	0.0000	0.0000	0.00	0.000	0.053	0.210
195.60	0.35	7593	2480	0.0593	0.0000	0.0000	0.00	0.000	0.059	0.248
195.65	0.40	7737	2863	0.0654	0.0000	0.0000	0.00	0.000	0.065	0.286
195.70	0.45	7882	3254	0.0709	0.0000	0.0000	0.00	0.000	0.071	0.325
195.75	0.50	8027	3652	0.0760	0.0000	0.0000	0.00	0.000	0.076	0.365
195.80	0.55	8172	4056	0.0809	0.0000	0.0000	0.00	0.000	0.081	0.406
195.85	0.60	8317	4469	0.0854	0.0000	0.0000	0.00	0.000	0.085	0.447
195.90	0.65	8461	4888	0.0897	0.0000	0.0000	0.00	0.000	0.090	0.489
195.95	0.70	8606	5315	0.0938	0.0000	0.0000	0.00	0.000	0.094	0.531
196.00	0.75	8751	5749	0.0978	0.0000	0.0000	0.00	0.000	0.098	0.575
196.05	0.80	8898	6190	0.1016	0.0000	0.0000	0.00	0.000	0.102	0.619
196.10	0.85	9046	6639	0.1052	0.0000	0.0000	0.00	0.000	0.105	0.664
196.15	0.90	9193	7095	0.1088	0.0000	0.0000	0.00	0.000	0.109	0.709
196.20	0.95	9341	7558	0.1122	0.0000	0.0000	0.00	0.000	0.112	0.756
196.25	1.00	9488	8029	0.1155	0.0000	0.0000	0.00	0.000	0.116	0.803
196.30	1.05	9636	8507	0.1187	0.0000	0.0000	0.00	0.000	0.119	0.851
196.35	1.10	9783	8992	0.1219	0.0000	0.0000	0.00	0.000	0.122	0.899
196.40	1.15	9931	9485	0.1249	0.2220	0.0000	0.00	0.000	0.347	0.949
196.45	1.20	10078	9985	0.1279	0.3459	0.0000	0.00	0.000	0.474	0.999
196.50	1.25	10226	10493	0.1309	0.4359	0.0000	0.00	0.000	0.567	1.049
196.55	1.30	10373	11008	0.1337	0.5103	0.0000	0.00	0.000	0.644	1.101
196.60	1.35	10520	11530	0.1365	0.5752	0.0000	0.00	0.000	0.712	1.153
196.65	1.40	10668	12060	0.1392	0.6334	0.0000	0.00	0.000	0.773	1.206
196.70	1.45	10815	12597	0.1419	0.6867	0.0000	0.00	0.000	0.829	1.260
196.75	1.50	10963	13141	0.1446	0.7362	0.0000	0.00	0.000	0.881	1.314
196.80	1.55	11110	13693	0.1472	0.7825	0.0000	0.00	0.000	0.930	1.369
196.85	1.60	11258	14252	0.1497	0.8263	0.0000	0.00	0.000	0.976	1.425
196.90	1.65	11405	14819	0.1522	0.8678	0.0000	0.00	0.000	1.020	1.482
196.95	1.70	11553	15393	0.1547	0.9075	0.0000	0.00	0.000	1.062	1.539
197.00	1.75	11700	15974	0.1571	0.9455	0.0000	0.00	0.000	1.103	1.597
197.05	1.80	11817	16562	0.1595	0.9820	0.0038	0.00	0.000	1.145	1.656
197.10	1.85	11933	17156	0.1618	1.0172	0.0108	0.00	0.000	1.190	1.716
197.15	1.90	12050	17755	0.1642	1.0512	0.0198	0.00	0.000	1.235	1.776
197.20	1.95	12166	18361	0.1664	1.0842	0.0304	0.00	0.000	1.281	1.836
197.25	2.00	12283	18972	0.1687	1.1162	0.0425	0.00	0.000	1.327	1.897
197.30	2.05	12400	19589	0.1709	1.1473	0.0559	0.00	0.000	1.374	1.959
197.35	2.10	12516	20212	0.1731	1.1776	0.0704	0.00	0.000	1.421	2.021
197.40	2.15	12633	20841	0.1753	1.2071	0.0860	0.00	0.000	1.468	2.084
197.45	2.20	12749	21475	0.1774	1.2359	0.1026	0.00	0.000	1.516	2.148
197.50	2.25	12866	22116	0.1796	1.2640	0.1202	0.00	0.000	1.564	2.212
197.55	2.30	12983	22762	0.1816	1.2916	0.1387	0.00	0.000	1.612	2.276
197.60	2.35	13099	23414	0.1837	1.3186	0.1580	0.00	0.000	1.660	2.341
197.65	2.40	13216	24072	0.1858	1.3450	0.1782	0.00	0.000	1.709	2.407
197.70	2.45	13332	24736	0.1878	1.3709	0.1991	0.00	0.000	1.758	2.474
197.75	2.50	13449	25405	0.1898	1.3963	0.2208	0.00	0.000	1.807	2.541
197.80	2.55	13565	26080	0.1918	1.4213	0.2433	25.00	0.000	1.856	2.608
197.85	2.60	13682	26762	0.1937	1.4459	0.2664	25.30	0.441	2.347	2.676
197.90	2.65	13799	27449	0.1957	1.4700	0.2903	25.60	1.263	3.219	2.745
197.95	2.70	13915	28141	0.1976	1.4938	0.3148	25.90	2.347	4.353	2.814
198.00	2.75	14032	28840	0.1995	1.5171	0.3400	26.20	3.656	5.712	2.884
198.05	2.80	14148	29545	0.2014	1.5402	0.3658	26.50	5.168	7.275	2.954
198.10	2.85	14265	30255	0.2033	1.5628	0.3923	26.80	6.870	9.028	3.026

SCALING OF FUTURE PONDS

POND 1

Catchment :	3501
LV Pond Cont Area (ha):	45.14
P1 Cont Area (ha):	66.62
Discharge Scaling Factor:	1.5
Storage Scaling Factor:	2.2

Discharge	Storage
(cu.m/s)	(ha-m)
0.00	0.000
0.00	0.073
0.00	0.148
0.03	0.224
0.05	0.302
0.07	0.382
0.08	0.463
0.09	0.546
0.10	0.630
0.10	0.716
0.11	0.803
0.12	0.892
0.13	0.983
0.13	1.075
0.14	1.169
0.14	1.265
0.15	1.362
0.16	1.460
0.16	1.561
0.17	1.663
0.17	1.766
0.18	1.871
0.18	1.978
0.51	2.087
0.70	2.197
0.84	2.308
0.95	2.422
1.05	2.537
1.14	2.653
1.22	2.771
1.30	2.891
1.37	3.013
1.44	3.136
1.51	3.260
1.57	3.386
1.63	3.514
1.69	3.644
1.76	3.774
1.82	3.906
1.89	4.039
1.96	4.174
2.03	4.310
2.10	4.447
2.17	4.585
2.24	4.725
2.31	4.865
2.38	5.008
2.45	5.151
2.52	5.296
2.59	5.442
2.67	5.589
2.74	5.738
3.46	5.888
4.75	6.039
6.43	6.191
8.43	6.345
10.74	6.500
13.32	6.656

POND 2

Catchment :	3502
LV Pond Cont Area	45.14
P1 Cont Area	28.7
Discharge Scaling Factor	0.6
Storage Scaling Factor	0.93

Discharge	Storage
(cu.m/s)	(ha-m)
0.00	0.000
0.00	0.031
0.00	0.063
0.01	0.095
0.02	0.128
0.03	0.161
0.03	0.196
0.04	0.231
0.04	0.266
0.05	0.303
0.05	0.340
0.05	0.377
0.05	0.416
0.06	0.455
0.06	0.494
0.06	0.535
0.06	0.576
0.07	0.617
0.07	0.660
0.07	0.703
0.07	0.747
0.08	0.791
0.08	0.836
0.22	0.882
0.30	0.929
0.36	0.976
0.41	1.024
0.45	1.072
0.49	1.122
0.53	1.172
0.56	1.222
0.59	1.273
0.62	1.325
0.65	1.378
0.68	1.432
0.70	1.486
0.73	1.540
0.76	1.595
0.79	1.651
0.81	1.708
0.84	1.764
0.87	1.822
0.90	1.880
0.93	1.938
0.96	1.997
0.99	2.057
1.02	2.117
1.06	2.177
1.09	2.239
1.12	2.300
1.15	2.363
1.18	2.425
1.49	2.489
2.05	2.553
2.77	2.617
3.63	2.682
4.63	2.748
5.74	2.814

POND 3

Catchment :	3503
LV Pond Cont Area (ha):	45.14
P1 Cont Area (ha):	23.53
Discharge Scaling Factor:	0.5
Storage Scaling Factor:	0.53

Discharge	Storage
(cu.m/s)	(ha-m)
0.00	0.000
0.00	0.018
0.00	0.036
0.01	0.054
0.02	0.073
0.02	0.092
0.03	0.112
0.03	0.131
0.03	0.152
0.04	0.172
0.04	0.194
0.04	0.215
0.04	0.237
0.05	0.259
0.05	0.282
0.05	0.305
0.05	0.328
0.05	0.352
0.06	0.376
0.06	0.401
0.06	0.426
0.06	0.451
0.06	0.477
0.18	0.503
0.25	0.529
0.30	0.556
0.34	0.583
0.37	0.611
0.40	0.639
0.43	0.668
0.46	0.696
0.48	0.726
0.51	0.755
0.53	0.785
0.55	0.816
0.57	0.847
0.60	0.878
0.62	0.909
0.64	0.941
0.67	0.973
0.69	1.006
0.72	1.038
0.74	1.071
0.77	1.105
0.79	1.138
0.82	1.172
0.84	1.206
0.87	1.241
0.89	1.276
0.92	1.311
0.94	1.346
0.97	1.382
1.22	1.418
1.68	1.455
2.27	1.491
2.98	1.529
3.79	1.566
4.71	1.604

POND 4

Catchment :	3507
LV Pond Cont Area (ha):	45.14
P1 Cont Area (ha):	12.59
Discharge Scaling Factor:	0.3
Storage Scaling Factor:	0.24

Discharge	Storage
(cu.m/s)	(ha-m)
0.00	0.000
0.00	0.008
0.00	0.016
0.01	0.024
0.01	0.033
0.01	0.042
0.01	0.050
0.02	0.060
0.02	0.069
0.02	0.078
0.02	0.088
0.02	0.097
0.02	0.107
0.03	0.117
0.03	0.128
0.03	0.138
0.03	0.149
0.03	0.159
0.03	0.170
0.03	0.181
0.03	0.193
0.03	0.204
0.03	0.216
0.10	0.228
0.13	0.240
0.16	0.252
0.18	0.264
0.20	0.277
0.22	0.289
0.23	0.302
0.25	0.315
0.26	0.329
0.27	0.342
0.28	0.356
0.30	0.369
0.31	0.383
0.32	0.397
0.33	0.412
0.34	0.426
0.36	0.441
0.37	0.455
0.38	0.470
0.40	0.485
0.41	0.500
0.42	0.515
0.44	0.531
0.45	0.546
0.46	0.562
0.48	0.578
0.49	0.594
0.50	0.610
0.52	0.626
0.65	0.642
0.90	0.659
1.21	0.675
1.59	0.692
2.03	0.709
2.52	0.726

CROZIER & ASSOCIATES
Consulting Engineers

Project Name:	Linksview	**D.A. NAME**	**3500**
Project Number:	183-2687	**D.A. AREA (ha)**	**38.20**
Date:	19-Aug-14		
By:	A. French		

Hydrologic Parameters: STANDHYD Command
Ultimate Development Drainage Area: 3500 (Site)

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Tioga Fine sandy Loam	Tif	A	50	19.1
Sargent Sandy Loam	Stsl	AB	50	19.1
				0
				0
Total Area Check				38.2

Impervious Landuses Present:												
	Road		Apartment		Driveway		Building/ Sidewalk		SWMF		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif	2.0	98	2.7	98	1.9	98	3.9	98	1.0	98	11.4	1118.5
Stsl	2.0	98		98	1.9	98	3.9	98		98	7.8	764.2
0		98		98		98		98		98	0.0	0.0
0		98		98		98		98		98	0.0	0.0
Subtotal Area	4.0		2.7		3.7		7.8		1.0			

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif	0		0		0		7.7	49	0		7.7	376.7
Stsl	0		0		0		11.3	59	0		11.3	666.8
0	0		0		0		0.0		0		0.0	0.0
0	0		0		0		0.0		0		0.0	0.0
Subtotal Area	0		0		0		19.0		0			

Pervious Area Calculations	Total Pervious Area	19.0
	Composite Pervious Curve Number	55.0
Impervious Area Calculations	Total Directly Connected Area	11.4
	Total Indirectly Connected Area	7.8
	Total Impervious Area	19.2
	% X imp	29.8
	% T imp	50.3
	Total Area Check	38.2

Initial Abstraction and Flow Path Calculations

Landuse	IA (mm)	Area (ha)	A * IA
Woodland	10	0	0.0
Meadow	8	0	0.0
Wetland	16	0	0.0
Lawn	5	18.989	94.9
Cultivated	7	0	0.0

Land Use	IA (mm)	Slope (%)	Travel Length (m)	Manning's n
Pervious	5.0	2	40	0.25
Impervious	2.0	0.5	505	0.013

Assumptions: 65% impervious coverage of apartment block (zoning requires 40% landscaped area)

Lot Type	# Lots	Building & Deck Coverage (m^2/lot)	Driveway & Hardscape Coverage (m^2/lot)
Townhomes	144	120	65
36'	76	155	80
40'	131	170	90
50'	92	215	110

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Project Name:
Project Number:
Date:
By:

D.A. NAME **3501**
D.A. AREA (ha) **66.62**

Hydrologic Parameters: STANDHYD Command
Ultimate Development Drainage Area: 3501

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Kemble Clay	Kc	D	90	59.96
Sargent Sandy Loam	Stsl	AB	10	6.66
				0
				0
Total Area Check				66.62

Impervious Landuses Present:											
	Directly Con.		Indirectly Con							Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN						Area	A*CN
Kc	17.9874	98	11.9916	98		98		98		29.979	2937.9
Stsl	1.9986	98	1.3324	98		98		98		3.331	326.44
0		98		98		98		98		0	0
0		98		98		98		98		0	0
Subtotal Area	19.986		13.324		0		0		0		

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Kc	0		0		0		29.979	84	0		29.979	2518.2
Stsl	0		0		0		3.331	59	0		3.331	196.53
0	0		0		0		0		0		0	0
0	0		0		0		0		0		0	0
Subtotal Area	0		0		0		33.31		0			

	Pervious Area Calculations	Total Pervious Area	33.31
		Composite Pervious Curve Number	81.5
	Impervious Area Calculations	Total Directly Connected Area	19.986
		Total Indirectly Connected Area	13.324
		Total Impervious Area	33.31
		% X imp	30.0
		% T imp	50.0
		Total Area Check	66.62

Initial Abstraction and Hydraulics Calculations

0.8184

Landuse	IA (mm)	Area (ha)	A * IA
Woodland	10	0	0.0
Meadow	8	0	0.0
Wetland	16	0	0.0
Lawn	5	33.31	166.6
Cultivated	7	0	0.0

Land Use	IA (mm)	Slope (%)	Travel Length (m)	Manning's n
Pervious	5.0	2	40	0.25
Impervious	2.0	0.5	666	0.013

CROZIER & ASSOCIATES
Consulting Engineers

Project Name:	Linksview	**D.A. NAME**	**3502**
Project Number:	183-2687	**D.A. AREA (ha)**	**28.70**
Date:	19-Aug-14		
By:	A. French		

Hydrologic Parameters: STANDHYD Command
Ultimate Development Drainage Area: 3502

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Kemble Clay	Kc	D	85	24.40
Sargent Sandy Loam	Stsl	AB	15	4.31
				0
				0
Total Area Check				28.7

Impervious Landuses Present:											
	Directly Con.		Indirectly Con							Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN						Area	A*CN
Kc	7.3185	98	4.879	98		98		98	98	12.198	1195.4
Stsl	1.2915	98	0.861	98		98		98	98	2.1525	210.95
0		98		98		98		98	98	0	0
0		98		98		98		98	98	0	0
Subtotal Area	8.61		5.74		0		0		0		

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Kc	0		0		0		12.1975	84	0		12.198	1024.6
Stsl	0		0		0		2.1525	59	0		2.1525	127
0	0		0		0		0		0		0	0
0	0		0		0		0		0		0	0
Subtotal Area	0		0		0		14.35		0			

Pervious Area Calculations	Total Pervious Area	14.35	
	Composite Pervious Curve Number	80.3	
Impervious Area Calculations	Total Directly Connected Area	8.61	
	Total Indirectly Connected Area	5.74	
	Total Impervious Area	14.35	
	% X imp	30.0	
	% T imp	50.0	
	Total Area Check	28.7	

Initial Abstraction and Flow Path Calculations

Landuse	IA (mm)	Area (ha)	A * IA
Woodland	10	0	0.0
Meadow	8	0	0.0
Wetland	16	0	0.0
Lawn	5	14.35	71.8
Cultivated	7	0	0.0

Land Use	IA (mm)	Slope (%)	Travel Length (m)	Manning's n
Pervious	5.0	2	40	0.25
Impervious	2.0	0.5	437	0.013

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Project Name:	Linksview	**D.A. NAME**	**3503**
Project Number:	183-2687	**D.A. AREA (ha)**	**23.53**
Date:	19-Aug-14		
By:	A. French		

Hydrologic Parameters: STANDHYD Command
Ultimate Development Drainage Area: 3503

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Tioga Fine Sandy Loam	Tif	A	40	9.41
Sargent/Berrien	Stsl/Bes	AB	20	4.71
Harkaway	Hal	B	40	9.412
				0
Total Area Check				23.53

Impervious Landuses Present:											
	Directly Con.		Indirectly Con							Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN						Area	A*CN
Tif	2.8236	98	1.8824	98	98		98		98	4.706	461.19
Stsl/Bes	1.4118	98	0.9412	98	98		98		98	2.353	230.59
Hal	2.8236	98	1.8824	98	98		98		98	4.706	461.19
0		98		98	98		98		98	0	0
Subtotal Area	7.059		4.706		0	0		0			

Pervious Landuses Present:													
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif	0		0		0		4.71	49	0		4.71	230.59
Stsl/Bes	0		0		0		2.35	59	0		2.35	138.83
Hal	0		0		0		4.71	69	0		4.71	324.71
0	0		0		0		0		0		0	0
Subtotal Area	0		0		0		11.765		0			

Pervious Area Calculations	Total Pervious Area	11.765
	Composite Pervious Curve Number	59
Impervious Area Calculations	Total Directly Connected Area	7.059
	Total Indirectly Connected Area	4.706
	Total Impervious Area	11.765
	% X imp	30.0
	% T imp	50.0
	Total Area Check	23.53

Initial Abstraction and Flow Path Calculations

Landuse	IA (mm)	Area (ha)	A * IA
Woodland	10	0	0.0
Meadow	8	0	0.0
Wetland	16	0	0.0
Lawn	5	11.765	58.8
Cultivated	7	0	0.0

Land Use	IA (mm)	Slope (%)	Travel Length (m)	Manning's n
Pervious	5.0	2	40	0.25
Impervious	2.0	0.5	396	0.013

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Project Name:	Linksview	**D.A. NAME**	**3504**
Project Number:	183-2687	**D.A. AREA (ha)**	**6.94**
Date:	19-Aug-14		
By:	A. French		

Hydrologic Parameters: STANDHYD Command
Ultimate Development Drainage Area: 3504

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
				0
Sargent Sandy Loam	Stsl	AB	100	6.94
				0
				0
Total Area Check				6.94

Impervious Landuses Present:											
	Directly Con.		Indirectly Con							Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN						Area	A*CN
0		98		98		98		98		0	0
Stsl	3.47	98	1.388	98		98		98		4.858	476.08
0		98		98		98		98		0	0
0		98		98		98		98		0	0
Subtotal Area	3.47		1.388		0		0		0		

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
0	0		0		0		0		0		0	0
Stsl	0		0		0		2.082	59	0		2.082	122.84
0	0		0		0		0		0		0	0
0	0		0		0		0		0		0	0
Subtotal Area	0		0		0		2.082		0			

	Pervious Area Calculations	Total Pervious Area	2.082
		Composite Pervious Curve Number	59
	Impervious Area Calculations	Total Directly Connected Area	3.47
		Total Indirectly Connected Area	1.388
		Total Impervious Area	4.858
		% X imp	30.0
		% T imp	50.0
		Total Area Check	6.94

Initial Abstraction and Flow Path Calculations

Landuse	IA (mm)	Area (ha)	A * IA
Woodland	10	0	0.0
Meadow	8	0	0.0
Wetland	16	0	0.0
Lawn	5	2.082	10.4
Cultivated	7	0	0.0

Land Use	IA (mm)	Slope (%)	Travel Length (m)	Manning's n
Pervious	5.0	2	40	0.25
Impervious	2.0	0.5	215	0.013

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Project Name:	Linksview	**D.A. NAME**	**3505**
Project Number:	183-2687	**D.A. AREA**	**16.57**
Date:	August 21 2014		
By:	A. French		

Hydrologic Parameters: CALIB NASHYD Command
Ultimate Development Drainage Area: Catchment 3505

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Tioga Fine Sandy Loam	Tif	A	50	8.29
Harkaway	Hal	B	25	4.14
Sargent	Stsl	AB	25	4.14
				0
Total Area Check				16.57

Impervious Landuses Present:												
	Roadway		Sidewalk		Driveway		Building		SWMF		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif	0.33	98		98		98	0.33	98		98	0.66	64.68
Hal		98		98		98		98		98	0	0
Stsl		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
Subtotal Area	0.33		0		0		0.33		0			

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif	3.81	32	3.81	30	0.00		0.00		0.00		7.63	236.38
Hal	2.07	60	2.07	58	0.00		0.00		0.00		4.14	244.41
Stsl	2.07	46	2.07	44	0.00		0.00		0.00		4.14	186.41
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
Subtotal Area	7.96		7.96		0.00		0.00		0.00			

Composite Area Calculations		
	Total Pervious Area	15.91
	Total Impervious Area	0.66
	% Impervious	0.0
	Composite Curve Number	44.2
	Total Area Check	16.57

Initial Abstraction and Tp Calculations

Initial Abstraction				Composite Curve Number								
				Tioga Fine Sandy		Harkaway		Sargent		0		
Landuse	IA (mm)	Area (ha)	A * IA	RC	Area	RC	Area	RC	Area	RC	Area	A*RC
Woodland	10	7.955	79.6	0.08	4	0.25	2	0.17	2		0	1.17
Meadow	8	7.955	63.6	0.10	4	0.28	2	0.19	2		0	1.35
Wetland	16	0	0.0		0		0		0		0	0.00
Lawn	5	0	0.0		0		0		0		0	0.00
Cultivated	7	0	0.0		0		0		0		0	0.00
Impervious	2	0.66	1.3	0.95	1		0		0		0	0.63
Composite IA		16.57	8.7	Composite Runoff Coefficient								0.19

Time to Peak Inputs						Uplands			Bransby Williams		Airport	
Flow Path Description	Length (m)	Drop (m)	Slope (%)	$V/S^{0.5}$	Velocity (m/s)	Tc (hr)	Tp(hr)	TOTAL Tp (hr)	Tc (hr)	Tp(hr)	Tc (hr)	Tp(hr)
Wood/meadow	250	1.5	0.60%	1	0.08	0.90	0.60	0.60	0.74	0.49	1.73	1.16
Taylor's Creek	700	5	0.7%	4.6	0.39	0.50	0.34	0.94				

Appropriate calculated time to peak:	0.94	Appropriate Method:	Uplands

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Project Name:	Linksview	**D.A. NAME**	**3506**
Project Number:	183-2687	**D.A. AREA**	**10.24**
Date:	August 21 2014		
By:	A. French		

Hydrologic Parameters: CALIB NASHYD Command
Ultimate Development Drainage Area: Catchment 3506

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Sargent gravelly sandy	Stsl	AB	50	5.12
Kemble Clay	Kc	D	50	5.12
				0
				0
Total Area				10.24

Impervious Landuses Present:												
	Roadway		Sidewalk		Driveway		Building		SWMF		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Stsl		98		98		98		98		98	0	0
Kc		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
Subtotal Area	0		0		0		0		0			

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Stsl	2.56	46	2.56	44	0.00		0.00		0.00		5.12	230.40
Kc	2.56	79	2.56	78	0.00		0.00		0.00		5.12	401.92
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
0	0.00		0.00		0.00		0.00		0.00		0.00	0.00
Subtotal Area	5.12		5.12		0.00		0.00		0.00			

Composite Area Calculations		
	Total Pervious Area	10.24
	Total Impervious Area	0
	% Impervious	0.0
	Composite Curve Number	61.8
	Total Area Check	10.24

Initial Abstraction and Tp Calculations

Initial Abstraction				Composite Curve Number								
				Sargent gravelly		Kemble Clay		0		0		
Landuse	IA (mm)	Area (ha)	A * IA	RC	Area	RC	Area	RC	Area	RC	Area	A*RC
Woodland	10	5.12	51.2	0.17	3	0.35	3		0		0	1.33
Meadow	8	5.12	41.0	0.19	3	0.40	3		0		0	1.51
Wetland	16	0	0.0		0		0		0		0	0.00
Lawn	5	0	0.0		0		0		0		0	0.00
Cultivated	7	0	0.0		0		0		0		0	0.00
Impervious	2	0	0.0		0		0		0		0	0.00
Composite IA		10.24	9.0	Composite Runoff Coefficient								0.28

Time to Peak Inputs						Uplands			Bransby Williams		Airport	
Flow Path Description	Length (m)	Drop (m)	Slope (%)	$V/S^{0.5}$	Velocity (m/s)	Tc (hr)	Tp(hr)	TOTAL Tp (hr)	Tc (hr)	Tp(hr)	Tc (hr)	Tp(hr)
Meadow/Fore	100	3	3.00%	1	0.17	0.16	0.11	0.11	1.14	0.76	1.63	1.09
Taylor's Creek	1500	18	1.2%	4.6	0.50	0.83	0.55	0.66				

Appropriate calculated time to peak:	0.66	Appropriate Method:	Uplands

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Project Name:	Linksview	**D.A. NAME**	**3507**
Project Number:	183-2687	**D.A. AREA (ha)**	**12.59**
Date:	19-Aug-14		
By:	A. French		

Hydrologic Parameters: STANDHYD Command
Ultimate Development Drainage Area: 3507

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Harkaway	Hal	B	15	1.8885
Tioga Fine Sandy Loam	Tif	A	85	10.702
				0
				0
Total Area Check				12.59

Impervious Landuses Present:												
	Directly Con		Indirectly Con								Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN							Area	A*CN
Hal	0.56655	98	0.3777	98		98		98		98	0.9443	92.537
Tif	3.21045	98	2.1403	98		98		98		98	5.3508	524.37
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
Subtotal Area	3.777		2.518		0		0		0			

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Hal	0		0		0		0.94425	69	0		0.9443	65.153
Tif	0		0		0		5.35075	49	0		5.3508	262.19
0	0		0		0		0		0		0	0
0	0		0		0		0		0		0	0
Subtotal Area	0		0		0		6.295		0			

Pervious Area Calculations	Total Pervious Area	6.295
	Composite Pervious Curve Number	52
Impervious Area Calculations	Total Directly Connected Area	3.777
	Total Indirectly Connected Area	2.518
	Total Impervious Area	6.295
	% X imp	30.0
	% T imp	50.0
	Total Area Check	12.59

Initial Abstraction and Flow Path Calculations

Landuse	IA (mm)	Area (ha)	A * IA
Woodland	10	0	0.00
Meadow	8	0	0.00
Wetland	16	0	0.00
Lawn	5	6.295	31.48
Cultivated	7	0	0.00

Land Use	IA (mm)	Slope (%)	Travel Length (m)	Manning's n
Pervious	5.0	2	40	0.25
Impervious	2.0	0.5	290	0.013

CROZIER & ASSOCIATES
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Project Name:	Linksview	**D.A. NAME**	**3601**
Project Number:	183-2687	**D.A. AREA (ha)**	**0.25**
Date:	19-Aug-14		
By:	A. French		

Hydrologic Parameters: STANDHYD Command
Ultimate Development Drainage Area: 3601 (10th Line)

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Tioga Fine sandy Loam	Tif	A	100	0.247
				0
				0
				0
Total Area Check				0.247

Impervious Landuses Present:												
	Roadway		Apartment		Driveway		Building		SWMF		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif	0.157	98		98	0	98	0	98		98	0.157	15.36
0		98		98	0	98	0	98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
Subtotal Area	0.157		0		0		0		0			

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif	0		0		0		0.09025	49	0		0.0903	4.4223
0	0		0		0		0		0		0	0
0	0		0		0		0		0		0	0
0	0		0		0		0		0		0	0
Subtotal Area	0		0		0		0.09025		0			

Pervious Area Calculations	Total Pervious Area	0.0903	
	Composite Pervious Curve Number	49	
Impervious Area Calculations	Total Directly Connected Area	0.1568	
	Total Indirectly Connected Area	0	
	Total Impervious Area	0.1568	
	% X imp	63.5	
	% T imp	63.5	
	Total Area Check	0.247	

Initial Abstraction and Flow Path Calculations

Landuse	IA (mm)	Area (ha)	A * IA
Woodland	10	0	0.0
Meadow	8	0	0.0
Wetland	16	0	0.0
Lawn	5	0.09	0.5
Cultivated	7	0	0.0

Land Use	IA (mm)	Slope (%)	Travel Length (m)	Manning's n
Pervious	5.0	2	3	0.25
Impervious	2.0	0.5	48	0.013

CROZIER & ASSOCIATES
Consulting Engineers

Project Name:	Linksview	**D.A. NAME**	**3602**
Project Number:	183-2687	**D.A. AREA (ha)**	**1.30**
Date:	19-Aug-14		
By:	A. French		

Hydrologic Parameters: STANDHYD Command
Ultimate Development Drainage Area: 3602 (10th Line)

Curve Number Calculation

Soil Types Present:				
Type	ID	Hydrologic Group	% Area	Area
Tioga Fine sandy Loam	Tif	A	100	1.3
				0
				0
				0
Total Area Check				1.3

Impervious Landuses Present:												
	Roadway		Apartment		Driveway		Building		SWMF		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif	0.825	98		98	0	98	0	98		98	0.825	80.85
0		98		98	0	98	0	98		98	0	0
0		98		98		98		98		98	0	0
0		98		98		98		98		98	0	0
Subtotal Area	0.825		0		0		0		0			

Pervious Landuses Present:												
	Woodland		Meadow		Wetland		Lawn		Cultivated		Subtotals	
Soils	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area (ha)	CN	Area	A*CN
Tif	0		0		0		0.475	49	0		0.475	23.275
0	0		0		0		0		0		0	0
0	0		0		0		0		0		0	0
0	0		0		0		0		0		0	0
Subtotal Area	0		0		0		0.475		0			

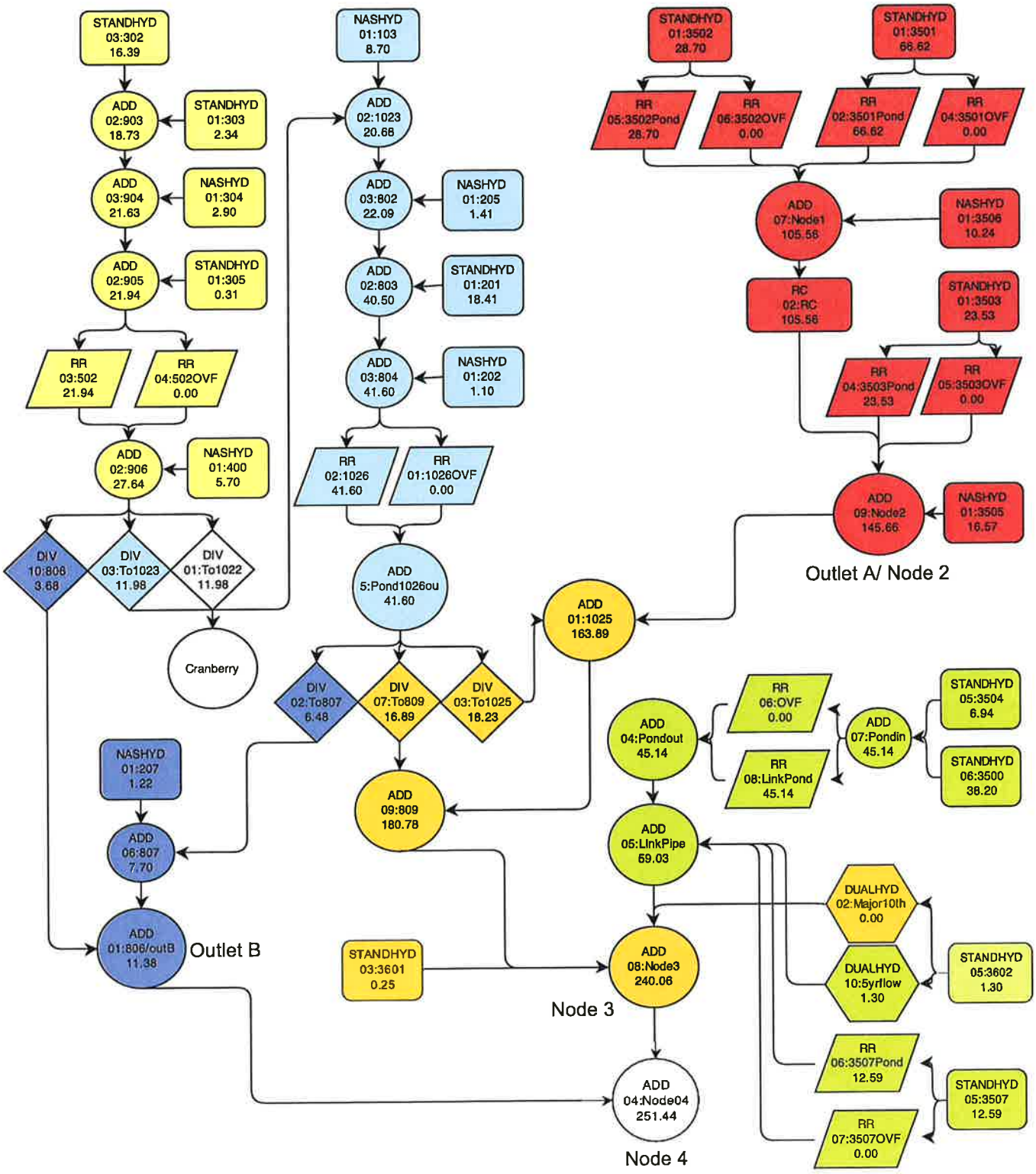
	Pervious Area Calculations	Total Pervious Area	0.475
		Composite Pervious Curve Number	49
	Impervious Area Calculations	Total Directly Connected Area	0.825
		Total Indirectly Connected Area	0
		Total Impervious Area	0.825
		% X imp	63.5
		% T imp	63.5
		Total Area Check	1.3

Initial Abstraction and Flow Path Calculations

Landuse	IA (mm)	Area (ha)	A * IA
Woodland	10	0	0.0
Meadow	8	0	0.0
Wetland	16	0	0.0
Lawn	5	0.48	2.4
Cultivated	7	0	0.0

Land Use	IA (mm)	Slope (%)	Travel Length (m)	Manning's n
Pervious	5.0	2	500	0.25
Impervious	2.0	0.5	500	0.013

Ultimate-Development Model



ULTIMATE DEVELOPMENT


```
00001> ********************************************************************************
00002>
00003>    SSSSS  W   W  M   M  H   H  Y   Y  M   M   OOO         999    999   *********
00004>    S      W W W  MM MM  H   H   Y Y   MM MM  O   O       9   9  9   9
00005>    SSSSS  W W W  M M M  HHHHH    Y    M M M  O   O  ##   9   9  9   9   Ver  4.05
00006>        S  WW WW  M   M  H   H    Y    M   M  O   O        9999   9999   Sept 2011
00007>    SSSSS  W   W  M   M  H   H    Y    M   M   OOO             9      9   *********
00008>                                                           9   9  9   9   # 3737016
00009>          StormWater Management HYdrologic Model           999    999   *********
00010>
00011> ********************************************************************************
00012> ****************************** SWMHYMO Ver/4.05 ********************************
00013> *********  A single event and continuous hydrologic simulation model  *********
00014> *********       based on the principles of HYMO and its successors    *********
00015> *********                 OTTHYMO-83 and OTTHYMO-89.                  *********
00016> ********************************************************************************
00017> ********* Distributed by:  J.F. Sabourin and Associates Inc.          *********
00018> *********                  Ottawa, Ontario: (613) 836-3884            *********
00019> *********                  Gatineau, Quebec: (819) 243-6858           *********
00020> *********                  E-Mail: swmhymo@jfsa.com                   *********
00021> ********************************************************************************
00022>
00023> ********************************************************************************
00024> ********** Licensed user: C.F. Crozier & Associates Inc                **********
00025> **********               Collingwood          SERIAL#:3737016          **********
00026> ********************************************************************************
00027>
00028> ********************************************************************************
00029> *********            ++++++ PROGRAM ARRAY DIMENSIONS ++++++             *********
00030> *********            Maximum value for ID numbers  :     10            *********
00031> *********            Max. number of rainfall points: 105408            *********
00032> *********            Max. number of flow points    : 105408            *********
00033> ********************************************************************************
00034>
00035> ***** DESCRIPTION SUMMARY TABLE HEADERS (units depend on METOUT in START) *****
00036> *****------------------------------------------------------------------*****
00037> *****  ID:  Hydrograph IDentification numbers, (1-10).                 *****
00038> *****  NHYD:  Hydrograph reference numbers, (6 digits or characters).  *****
00039> *****  AREA:  Drainage area associated with hydrograph, (ac.) or (ha.). *****
00040> ***** QPEAK:  Peak flow of simulated hydrograph, (ft^3/s) or (m^3/s).  *****
00041> ***** TpeakDate_hh:mm is the date and time of the peak flow.            *****
00042> *****  R.V.:  Runoff Volume of simulated hydrograph, (in) or (mm).     *****
00043> *****  R.C.:  Runoff Coefficient of simulated hydrograph, (ratio).     *****
00044> *****     *:  see WARNING or NOTE message printed at end of run.       *****
00045> *****    **:  see  ERROR  message printed at end of run.               *****
00046> ********************************************************************************
00047> ********************************************************************************
00048>
00049> ::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::
00050>
00051> ********************************************************************************
00052>
00053> **********************  S U M M A R Y   O U T P U T  **********************
00054> ********************************************************************************
00055> *          DATE: 2014-10-17      TIME: 14:13:51      RUN COUNTER: 000377       *
00056> ********************************************************************************
00057> * Input   filename: C:\1ULTWI~1.10\Ult45Ls.dat                                  *
00058> * Output  filename: C:\1ULTWI~1.10\Ult45Ls.out                                 *
00059> * Summary filename: C:\1ULTWI~1.10\Ult45Ls.sum                                 *
00060> * User comments:                                                               *
00061> * 1:_____________________________________________________________________     *
00062> * 2:_____________________________________________________________________     *
00063> * 3:_____________________________________________________________________     *
00064> ********************************************************************************
00065>
00066>
00067> #*******************************************************************************
00068> #  Project Name: [Linksview Ultimate]  Project Number: [183-2687]
00069> #  Date        : 2014 08 22
00070> #  Modified    :
00071> #  Modeller    : [A. French]
00072> #  Company     : C.F. Crozier & Associates Inc.
00073> #  License #   : 3737016
00074> #*******************************************************************************
00075> RUN:COMMAND#
00076> 001:0001-------------------------------------------------------------------------
00077>     START
00078>       [TZERO =    .00 hrs on       0]
00079>       [METOUT=   2    (1=imperial, 2=metric output)]
00080>       [NSTORM=   1 ]
00081>       [NRUN  =   1 ]
00082> #*******************************************************************************
00083> 001:0002-------------------------------------------------------------------------
00084>     READ STORM
00085>       Filename = STORM.001
00086>       Comment  =
00087>       [SDT= 5.00:SDUR=   4.00:PTOT=  24.99]
00088> #                MAIR MILLS ESTATES AND CONTRIBUTING AREAS
00089> 001:0003---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00090>     CALIB STANDHYD     03:302            16.39     .295 No_date    1:33    7.63
00091>       [XIMP=.20:TIMP=.40]
00092>       [LOSS= 2 :CN= 65.2]
00093>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
00094>       [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=   .0]
00095> 001:0004---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00096>     CALIB STANDHYD     01:303             2.34     .072 No_date    1:25    9.01
00097>       [XIMP=.25:TIMP=.50]
00098>       [LOSS= 2 :CN= 65.2]
00099>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
00100>       [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=   .0]
00101> 001:0005---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00102>     ADD HYD            01:303             2.34     .072 No_date    1:25    9.01
00103>                      + 03:302            16.39     .295 No_date    1:33    7.63
00104>       [DT= 1.00]  SUM=  02:903            18.73     .352 No_date    1:32    7.81
00105> 001:0006---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00106>     CALIB NASHYD       01:304             2.90     .018 No_date    1:45    2.71
00107>       [CN= 66.6: N= 3.00]
00108>       [Tp=  .28:DT= 5.00]
00109> 001:0007---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00110>     ADD HYD            01:304             2.90     .018 No_date    1:45    2.71
00111>                      + 02:903            18.73     .352 No_date    1:32    7.81
00112>       [DT= 1.00]  SUM=  03:904            21.63     .365 No_date    1:32    7.12
00113> 001:0008---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00114>     CALIB STANDHYD     01:305              .31     .013 No_date    1:20    6.75
00115>       [XIMP=.20:TIMP=.20]
00116>       [LOSS= 2 :CN= 65.2]
00117>       [Pervious     area: IAper= 5.00:SLPP=  .50:LGP= 100.:MNP=.250:SCP=   .0]
00118>       [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
00119> 001:0009---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00120>     ADD HYD            01:305              .31     .013 No_date    1:20    6.75
00121>                      + 03:904            21.63     .365 No_date    1:32    7.12
00122>       [DT= 1.00]  SUM=  02:905            21.94     .367 No_date    1:32    7.12
00123> #                      MAIR MILLS ESTATES SWMF
00124> 001:0010---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00125>     ROUTE RESERVOIR -> 02:905             21.94     .367 No_date    1:32    7.12
00126>       [RDT= 1.00] out<- 03:502            21.94     .012 No_date    4:48    7.12
00127>              overflow <= 04:502OVF          .00     .000 No_date    0:00     .00
00128>       [MxStoUsed=.1414E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00129> 001:0011---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00130>     CALIB NASHYD       01:400             5.70     .006 No_date    2:35     .84
00131>       [CN= 50.2: N= 3.00]
00132>       [Tp=  .70:DT= 5.00]
00133> 001:0012---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00134>     ADD HYD            01:400             5.70     .006 No_date    2:35     .84
00135>                      + 03:502            21.94     .012 No_date    4:48    7.12
00136>                      + 04:502OVF          .00     .000 No_date    0:00     .00
00137>       [DT= 1.00]  SUM=  02:906            27.64     .016 No_date    2:55    5.82
00138> #        FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
00139> 001:0013---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00140>     DIVERT HYD      -> 02:906            27.64     .016 No_date    2:55    5.82
00141>              diverted <= 10:To806        27.64     .016 No_date    2:55    5.82
00142>              diverted <= 03:To1023         .00     .000 No_date    0:00     .00
00143>              diverted <= 01:To1022         .00     .000 No_date    0:00     .00
00144> #              TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
00145> 001:0014---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00146>     CALIB STANDHYD     01:3501            66.62    1.944 No_date    1:32   12.03
00147>       [XIMP=.30:TIMP=.50]
00148>       [LOSS= 2 :CN= 81.5]
00149>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
00150>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 666.:MNI=.013:SCI=   .0]
00151> 001:0015---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00152>     ROUTE RESERVOIR -> 01:3501            66.62    1.944 No_date    1:32   12.03
00153>       [RDT= 1.00] out<- 02:3501Pond       66.62     .100 No_date    4:27   12.03
00154>              overflow <= 04:3501OVF         .00     .000 No_date    0:00     .00
00155>       [MxStoUsed=.6940E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00156> 001:0016---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00157>     CALIB STANDHYD     01:3502            28.70     .961 No_date    1:29   11.77
00158>       [XIMP=.30:TIMP=.50]
00159>       [LOSS= 2 :CN= 80.3]
00160>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
00161>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 437.:MNI=.013:SCI=   .0]
00162> 001:0017---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00163>     ROUTE RESERVOIR -> 01:3502            28.70     .961 No_date    1:29   11.77
00164>       [RDT= 1.00] out<- 05:3502Pond       28.70     .044 No_date    4:20   11.77
00165>              overflow <= 06:3502OVF         .00     .000 No_date    0:00     .00
00166>       [MxStoUsed=.2918E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00167> 001:0018---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00168>     CALIB NASHYD       01:3506            10.24     .019 No_date    2:25    1.48
00169>       [CN= 61.8: N= 3.00]
00170>       [Tp=  .66:DT= 5.00]
00171> #                                  FLOWS AT NODE 1
00172> 001:0019---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00173>     ADD HYD            02:3501Pond        66.62     .100 No_date    4:27   12.03
00174>                      + 04:3501OVF          .00     .000 No_date    0:00     .00
00175>                      + 05:3502Pond       28.70     .044 No_date    4:20   11.77
00176>                      + 06:3502OVF          .00     .000 No_date    0:00     .00
00177>                      + 01:3506           10.24     .019 No_date    2:25    1.48
00178>       [DT= 1.00]  SUM=  07:Node1         105.56     .153 No_date    3:22   10.93
00179> 001:0020---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00180>     ROUTE CHANNEL   -> 07:Node1         105.56     .153 No_date    3:22   10.93
00181>       [RDT= 1.00] out<- 02:RC            105.56     .153 No_date    4:06   10.93
00182>       [L/S/n= 1400./1.200/.030]
00183>       [Vmax=  .970:Dmax=  .394]
00184> 001:0021---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00185>     CALIB STANDHYD     01:3503            23.53     .769 No_date    1:27    9.07
00186>       [XIMP=.30:TIMP=.50]
00187>       [LOSS= 2 :CN= 59.0]
00188>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
00189>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 396.:MNI=.013:SCI=   .0]
00190> 001:0022---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00191>     ROUTE RESERVOIR -> 01:3503            23.53     .769 No_date    1:27    9.07
00192>       [RDT= 1.00] out<- 04:3503Pond       23.53     .035 No_date    4:10    9.07
00193>              overflow <= 05:3503OVF         .00     .000 No_date    0:00     .00
00194>       [MxStoUsed=.1768E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00195> 001:0023---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00196>     CALIB NASHYD       01:3505            16.57     .013 No_date    2:50     .79
00197>       [CN= 44.2: N= 3.00]
00198>       [Tp=  .94:DT= 5.00]
00199> #                  FLOWS AT NODE 2 (UPSTREAM OF TENTH LINE)
00200> 001:0024---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00201>     ADD HYD            04:3503Pond        23.53     .035 No_date    4:10    9.07
00202>                      + 05:3503OVF          .00     .000 No_date    0:00     .00
00203>                      + 02:RC            105.56     .153 No_date    4:06   10.93
00204>                      + 01:3505           16.57     .013 No_date    2:50     .79
00205>       [DT= 1.00]  SUM=  09:Node2         145.66     .198 No_date    3:38    9.48
00206> #                        MAIR MILLS VILLAGE
00207> 001:0025---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00208>     CALIB NASHYD       01:103             8.70     .022 No_date    2:05    1.62
00209>       [CN= 59.2: N= 3.00]
00210>       [Tp=  .48:DT= 5.00]
00211> 001:0026---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00212>     ADD HYD            01:103             8.70     .022 No_date    2:05    1.62
00213>                      + 03:To1023           .00     .000 No_date    0:00     .00
00214>       [DT= 1.00]  SUM=  02:1023            8.70     .022 No_date    2:05    1.62
00215> 001:0027---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00216>     CALIB NASHYD       01:205             1.41     .004 No_date    1:40    1.20
00217>       [CN= 51.1: N= 3.00]
00218>       [Tp=  .20:DT= 5.00]
00219> 001:0028---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00220>     ADD HYD            01:205             1.41     .004 No_date    1:40    1.20
00221>                      + 02:1023            8.70     .022 No_date    2:05    1.62
00222>       [DT= 1.00]  SUM=  03:802            10.11     .024 No_date    2:00    1.56
00223> 001:0029---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00224>     CALIB STANDHYD     01:201             18.41    1.223 No_date    1:22   11.37
00225>       [XIMP=.43:TIMP=.56]
00226>       [LOSS= 2 :CN= 49.0]
00227>       [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
00228>       [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
00229> 001:0030---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00230>     ADD HYD            01:201             18.41    1.223 No_date    1:22   11.37
00231>                      + 03:802            10.11     .024 No_date    2:00    1.56
00232>       [DT= 1.00]  SUM=  02:803            28.52    1.226 No_date    1:22    7.89
00233> 001:0031---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00234>     CALIB NASHYD       01:202             1.10     .001 No_date    2:00     .64
00235>       [CN= 55.0: N= 3.00]
00236>       [Tp=  .25:DT= 5.00]
00237> 001:0032---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00238>     ADD HYD            01:202             1.10     .001 No_date    2:00     .64
00239>                      + 02:803            28.52    1.226 No_date    1:22    7.89
00240>       [DT= 1.00]  SUM=  03:804            29.62    1.226 No_date    1:22    7.62
00241> #                        MAIR MILLS VILLAGE SWMF
00242> 001:0033---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00243>     ROUTE RESERVOIR -> 03:804             29.62    1.226 No_date    1:22    7.62
00244>       [RDT= 1.00] out<- 02:1026           29.62     .022 No_date    4:07    7.62
00245>              overflow <= 01:1026OVF         .00     .000 No_date    0:00     .00
00246>       [MxStoUsed=.2041E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00247> 001:0034---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00248>     ADD HYD            02:1026            29.62     .022 No_date    4:07    7.62
00249>                      + 01:1026OVF          .00     .000 No_date    0:00     .00
00250>       [DT= 1.00]  SUM=  05:Pond1026ou     29.62     .022 No_date    4:07    7.62
00251> #              TENTH LINE DITCH FLOW SPLIT (OUTLETS A & B)
00252> 001:0035---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00253>     DIVERT HYD      -> 05:Pond1026ou     29.62     .022 No_date    4:07    7.62
00254>              diverted <= 02:To807        29.62     .022 No_date    4:07    7.62
00255>              diverted <= 07:To809          .00     .000 No_date    0:00     .00
00256>              diverted <= 03:To1025         .00     .000 No_date    0:00     .00
00257> 001:0036---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00258>  * CALIB NASHYD       01:207             1.22     .006 No_date    1:30    1.61
00259>       [CN= 55.3: N= 3.00]
00260>       [Tp=  .13:DT= 5.00]
00261> 001:0037---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00262>     ADD HYD            01:207             1.22     .006 No_date    1:30    1.61
00263>                      + 02:To807          29.62     .022 No_date    4:07    7.62
00264>       [DT= 1.00]  SUM=  06:807            30.84     .023 No_date    4:00    7.38
00265> 001:0038---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00266>     ADD HYD            03:To1025             .00     .000 No_date    0:00     .00
00267>                      + 09:Node2         145.66     .198 No_date    3:38    9.48
00268>       [DT= 1.00]  SUM=  01:1025          145.66     .198 No_date    3:38    9.48
00269> 001:0039---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00270>     ADD HYD            07:To809              .00     .000 No_date    0:00     .00
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25mm

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00271>                    +  01:1025          145.66      .198 No_date    3:38    9.48
00272>       [DT= 1.00]  SUM=  09:809           145.66      .198 No_date    3:38    9.48
00273> #                                FLOWS TO OUTLET B
00274>  001:0040---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00275>       ADD HYD             06:807           30.84      .023 No_date    4:00    7.38
00276>                      +  10:To806           27.64      .016 No_date    2:55    5.82
00277>       [DT= 1.00]  SUM=  01:806/outB        58.48      .038 No_date    3:58    6.65
00278> #                          LINKSVIEW AND CONTRIBUTING AREAS
00279>  001:0041---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00280>       CALIB STANDHYD      05:3504           6.94      .278 No_date    1:24    9.07
00281>        [XIMP=.30:TIMP=.50]
00282>        [LOSS= 2 :CN= 59.0]
00283>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
00284>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 215.:MNI=.013:SCI=   .0]
00285>  001:0042---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00286>       CALIB STANDHYD      06:3500          38.20     1.127 No_date    1:29    8.78
00287>        [XIMP=.30:TIMP=.50]
00288>        [LOSS= 2 :CN= 54.9]
00289>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
00290>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 505.:MNI=.013:SCI=   .0]
00291>  001:0043---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00292>       ADD HYD             05:3504           6.94      .278 No_date    1:24    9.07
00293>                      +  06:3500          38.20     1.127 No_date    1:29    8.78
00294>       [DT= 1.00]  SUM=  07:Pondin          45.14     1.350 No_date    1:29    8.83
00295>  001:0044---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00296>       ROUTE RESERVOIR -> 07:Pondin         45.14     1.350 No_date    1:29    8.83
00297>        [RDT= 1.00] out<- 08:LinkPond       45.14      .068 No_date    4:10    8.83
00298>                  overflow <= 06:OVF          .00      .000 No_date    0:00     .00
00299>       [MxStoUsed=.3267E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00300>  001:0045---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00301>       ADD HYD             08:LinkPond      45.14      .068 No_date    4:10    8.83
00302>                      +  06:OVF             .00      .000 No_date    0:00     .00
00303>       [DT= 1.00]  SUM=  04:Pondout         45.14      .068 No_date    4:10    8.83
00304> #                      FLOWS FROM TENTH LINE (URBANIZED)
00305>  001:0046---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00306>       CALIB STANDHYD      03:3601           .25      .031 No_date    1:20   15.22
00307>        [XIMP=.64:TIMP=.64]
00308>        [LOSS= 2 :CN= 49.0]
00309>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
00310>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.013:SCI=   .0]
00311>  001:0047---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00312>       CALIB STANDHYD      05:3602           1.30      .107 No_date    1:24   15.22
00313>        [XIMP=.64:TIMP=.64]
00314>        [LOSS= 2 :CN= 49.0]
00315>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
00316>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.013:SCI=   .0]
00317>  001:0048---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00318>       COMPUTE DUALHYD     05:3602           1.30      .107 No_date    1:24   15.22
00319>          Major System /  02:Maj10th          .00      .000 No_date    0:00     .00
00320>          Minor System \  10:5yrflow         1.30      .107 No_date    1:24   15.22
00321> #                          FLOWS FROM BMGCC SOUTHERN PORTION
00322>  001:0049---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00323>       CALIB STANDHYD      05:3507          12.59      .459 No_date    1:25    8.60
00324>        [XIMP=.30:TIMP=.50]
00325>        [LOSS= 2 :CN= 52.0]
00326>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
00327>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 290.:MNI=.013:SCI=   .0]
00328>  001:0050---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00329>       ROUTE RESERVOIR -> 05:3507          12.59      .459 No_date    1:25    8.60
00330>        [RDT= 1.00] out<- 06:3507Pond      12.59      .023 No_date    4:02    8.60
00331>                  overflow <= 07:3507OVF      .00      .000 No_date    0:00     .00
00332>       [MxStoUsed=.8447E-01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00333>  001:0051---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00334>       ADD HYD             04:Pondout       45.14      .068 No_date    4:10    8.83
00335>                      +  07:3507OVF          .00      .000 No_date    0:00     .00
00336>                      +  06:3507Pond       12.59      .023 No_date    4:02    8.60
00337>                      +  10:5yrflow         1.30      .107 No_date    1:24   15.22
00338>       [DT= 1.00]  SUM=  05:LinkPipe        59.03      .127 No_date    1:25    8.92
00339>  001:0052---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00340>       ADD HYD             05:LinkPipe      59.03      .127 No_date    1:25    8.92
00341>                      +  02:Maj10th          .00      .000 No_date    0:00     .00
00342>                      +  03:3601             .25      .031 No_date    1:20   15.22
00343>                      +  09:803           145.66      .198 No_date    3:38    9.48
00344>       [DT= 1.00]  SUM=  08:Node3          204.94      .293 No_date    3:40    9.32
00345>  001:0053---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00346>       ADD HYD             01:806/outB      58.48      .038 No_date    3:58    6.65
00347>                      +  08:Node3          204.94      .293 No_date    3:40    9.32
00348>       [DT= 1.00]  SUM=  02:Node4          263.42      .331 No_date    3:40    8.73
00349>   ** END OF RUN :   1
00350>
00351> ************************************************************************
00352>
00353>
00354>
00355>
00356>
00357>  RUN:COMMAND#
00358>  002:0001---------------------------------------------------------------------
00359>       START
00360>        [TZERO =    .00 hrs on        0]
00361>        [METOUT=   2    (1=imperial, 2=metric output)]
00362>        [NSTORM=   1 ]
00363>        [NRUN  =   2 ]
00364> #*************************************************************************
00365> #  Project Name: [Linksview Ultimate]  Project Number: [183-2607]
00366> #  Date        : 2014 08 22
00367> #  Modified    :
00368> #  Modeller    : [A. French]
00369> #  Company     : C.F. Crozier & Associates Inc.
00370> #  License #   : 3737016
00371> #*************************************************************************
00372> #*************************************************************************
00373>  002:0002---------------------------------------------------------------------
00374>       READ STORM
00375>        Filename = STORM.001
00376>        Comment  =
00377>        [SDT= 5.00:SDUR=   4.00:PTOT=  34.77]
00378> #                MAIR MILLS ESTATES AND CONTRIBUTING AREAS
00379>  002:0003---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00380>       CALIB STANDHYD      03:302           16.39      .454 No_date    1:32   12.46
00381>        [XIMP=.20:TIMP=.40]
00382>        [LOSS= 2 :CN= 65.2]
00383>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
00384>        [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=   .0]
00385>  002:0004---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00386>       CALIB STANDHYD      01:303            2.34      .102 No_date    1:26   14.40
00387>        [XIMP=.25:TIMP=.50]
00388>        [LOSS= 2 :CN= 65.2]
00389>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
00390>        [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=   .0]
00391>  002:0005---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00392>       ADD HYD             01:303            2.34      .102 No_date    1:26   14.40
00393>                      +  03:302           16.39      .454 No_date    1:32   12.46
00394>       [DT= 1.00]  SUM=  02:903            18.73      .545 No_date    1:31   12.70
00395>  002:0006---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00396>       CALIB NASHYD        01:304            2.90      .038 No_date    1:45    5.64
00397>        [CN= 66.6: N= 3.00]
00398>        [Tp=  .28:DT= 5.00]
00399>  002:0007---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00400>       ADD HYD             01:304            2.90      .038 No_date    1:45    5.64
00401>                      +  02:903           18.73      .545 No_date    1:31   12.70
00402>       [DT= 1.00]  SUM=  03:904            21.63      .573 No_date    1:31   11.75
00403>  002:0008---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00404>       CALIB STANDHYD      01:305             .31      .016 No_date    1:20   10.94
00405>        [XIMP=.20:TIMP=.20]
00406>        [LOSS= 2 :CN= 65.2]
00407>        [Pervious     area: IAper= 5.00:SLPP= .50:LGP= 100.:MNP=.250:SCP=   .0]
00408>        [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
00409>  002:0009---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00410>       ADD HYD             01:305             .31      .016 No_date    1:20   10.94
00411>                      +  03:904           21.63      .573 No_date    1:31   11.75
00412>       [DT= 1.00]  SUM=  02:905            21.94      .577 No_date    1:31   11.74
00413> #                        MAIR MILLS ESTATES SWMF
00414>  002:0010---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00415>       ROUTE RESERVOIR -> 02:905           21.94      .577 No_date    1:31   11.74
00416>        [RDT= 1.00] out<- 03:502           21.94      .022 No_date    4:34   11.74
00417>                  overflow <= 04:502OVF       .00      .000 No_date    0:00     .00
00418>       [MxStoUsed=.2369E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00419>  002:0011---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00420>       CALIB NASHYD        01:400            5.70      .016 No_date    2:25    2.22
00421>        [CN= 50.2: N= 3.00]
00422>        [Tp=  .70:DT= 5.00]
00423>  002:0012---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00424>       ADD HYD             01:400            5.70      .016 No_date    2:25    2.22
00425>                      +  03:502           21.94      .022 No_date    4:34   11.74
00426>                      +  04:502OVF          .00      .000 No_date    0:00     .00
00427>       [DT= 1.00]  SUM=  02:906            27.64      .030 No_date    2:35    9.78
00428> #          FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
00429>  002:0013---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00430>       DIVERT HYD          -> 02:906           27.64      .030 No_date    2:35    9.78
00431>                 diverted <= 10:To806         26.77      .020 No_date    2:35    9.78
00432>                 diverted <= 03:To1023          .43      .005 No_date    2:35    9.78
00433>                 diverted <= 01:To1022          .43      .005 No_date    2:35    9.78
00434> #                  TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
00435>  002:0014---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00436>       CALIB STANDHYD      01:3501           66.62     3.125 No_date    1:35   19.25
00437>        [XIMP=.30:TIMP=.50]
00438>        [LOSS= 2 :CN= 81.5]
00439>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
00440>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 666.:MNI=.013:SCI=   .0]
00441>  002:0015---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00442>       ROUTE RESERVOIR -> 01:3501          66.62     3.125 No_date    1:35   19.25
00443>        [RDT= 1.00] out<- 02:3501Pond      66.62      .132 No_date    4:25   19.25
00444>                  overflow <= 04:3501OVF      .00      .000 No_date    0:00     .00
00445>       [MxStoUsed=.1144E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00446>  002:0016---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00447>       CALIB STANDHYD      01:3502           20.70     1.458 No_date    1:30   18.83
00448>        [XIMP=.30:TIMP=.50]
00449>        [LOSS= 2 :CN= 80.3]
00450>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
00451>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 437.:MNI=.013:SCI=   .0]
00452>  002:0017---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00453>       ROUTE RESERVOIR -> 01:3502          20.70     1.458 No_date    1:30   18.83
00454>        [RDT= 1.00] out<- 05:3502Pond      20.70      .057 No_date    4:19   18.83
00455>                  overflow <= 06:3502OVF      .00      .000 No_date    0:00     .00
00456>       [MxStoUsed=.4819E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00457>  002:0018---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00458>       CALIB NASHYD        01:3506           10.24      .050 No_date    2:20    3.63
00459>        [CN= 61.8: N= 3.00]
00460>        [Tp=  .66:DT= 5.00]
00461> #                                FLOWS AT NODE 1
00462>  002:0019---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00463>       ADD HYD             02:3501Pond       66.62      .132 No_date    4:25   19.25
00464>                      +  04:3501OVF          .00      .000 No_date    0:00     .00
00465>                      +  05:3502Pond       20.70      .057 No_date    4:19   18.83
00466>                      +  06:3502OVF          .00      .000 No_date    0:00     .00
00467>                      +  01:3506           10.24      .050 No_date    2:20    3.63
00468>       [DT= 1.00]  SUM=  07:Node1          105.56      .217 No_date    2:45   17.62
00469>  002:0020---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00470>       ROUTE CHANNEL   -> 07:Node1         105.56      .217 No_date    2:45   17.62
00471>        [RDT= 1.00] out<- 02:RC            105.56      .212 No_date    3:19   17.62
00472>        [L/S/n= 1400./1.200/.030]
00473>        [Vmax= 1.057:Dmax=  .445]
00474>  002:0021---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00475>       CALIB STANDHYD      01:3503           23.53     1.083 No_date    1:27   14.16
00476>        [XIMP=.30:TIMP=.50]
00477>        [LOSS= 2 :CN= 59.0]
00478>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
00479>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 396.:MNI=.013:SCI=   .0]
00480>  002:0022---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00481>       ROUTE RESERVOIR -> 01:3503          23.53     1.083 No_date    1:27   14.16
00482>        [RDT= 1.00] out<- 04:3503Pond      23.53      .048 No_date    4:10   14.16
00483>                  overflow <= 05:3503OVF      .00      .000 No_date    0:00     .00
00484>       [MxStoUsed=.2847E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00485>  002:0023---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00486>       CALIB NASHYD        01:3505           16.57      .035 No_date    2:45    1.96
00487>        [CN= 44.2: N= 3.00]
00488>        [Tp=  .94:DT= 5.00]
00489> #                FLOWS AT NODE 2 (UPSTREAM OF TENTH LINE)
00490>  002:0024---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00491>       ADD HYD             04:3503Pond       23.53      .048 No_date    4:10   14.16
00492>                      +  05:3503OVF          .00      .000 No_date    0:00     .00
00493>                      +  02:RC            105.56      .212 No_date    3:19   17.62
00494>                      +  01:3505           16.57      .035 No_date    2:45    1.96
00495>       [DT= 1.00]  SUM=  09:Node2          145.66      .290 No_date    3:08   15.28
00496> #                             MAIR MILLS VILLAGE
00497>  002:0025---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00498>       CALIB NASHYD        01:103            8.70      .053 No_date    2:05    3.72
00499>        [CN= 59.2: N= 3.00]
00500>        [Tp=  .48:DT= 5.00]
00501>  002:0026---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00502>       ADD HYD             01:103            8.70      .053 No_date    2:05    3.72
00503>                      +  03:To1023           .43      .005 No_date    2:35    9.78
00504>       [DT= 1.00]  SUM=  02:1023            9.13      .056 No_date    2:05    4.01
00505>  002:0027---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00506>       CALIB NASHYD        01:205            1.41      .010 No_date    1:40    2.79
00507>        [CN= 51.1: N= 3.00]
00508>        [Tp=  .20:DT= 5.00]
00509>  002:0028---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00510>       ADD HYD             01:205            1.41      .010 No_date    1:40    2.79
00511>                      +  02:1023           9.13      .056 No_date    2:05    4.01
00512>       [DT= 1.00]  SUM=  03:802            10.54      .062 No_date    2:05    3.84
00513>  002:0029---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00514>       CALIB STANDHYD      01:201            18.41     1.575 No_date    1:22   16.73
00515>        [XIMP=.43:TIMP=.56]
00516>        [LOSS= 2 :CN= 49.0]
00517>        [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
00518>        [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
00519>  002:0030---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00520>       ADD HYD             01:201            18.41     1.575 No_date    1:22   16.73
00521>                      +  03:802            10.54      .062 No_date    2:05    3.84
00522>       [DT= 1.00]  SUM=  02:803            28.95     1.582 No_date    1:22   12.04
00523>  002:0031---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00524>       CALIB NASHYD        01:202            1.10      .004 No_date    1:50    2.05
00525>        [CN= 55.0: N= 3.00]
00526>        [Tp=  .25:DT= 5.00]
00527>  002:0032---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00528>       ADD HYD             01:202            1.10      .004 No_date    1:50    2.05
00529>                      +  02:803            28.95     1.582 No_date    1:22   12.04
00530>       [DT= 1.00]  SUM=  03:804            30.05     1.583 No_date    1:22   11.67
00531> #                        MAIR MILLS VILLAGE SWMF
00532>  002:0033---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00533>       ROUTE RESERVOIR -> 03:804           30.05     1.583 No_date    1:22   11.67
00534>        [RDT= 1.00] out<- 02:1026           30.05      .034 No_date    4:09   11.67
00535>                  overflow <= 01:1026OVF      .00      .000 No_date    0:00     .00
00536>       [MxStoUsed=.3165E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00537>  002:0034---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00538>       ADD HYD             02:1026           30.05      .034 No_date    4:09   11.67
00539>                      +  01:1026OVF          .00      .000 No_date    0:00     .00
00540>       [DT= 1.00]  SUM=  05:Pond1026ou      30.05      .034 No_date    4:09   11.67
```

2yr CHI

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00541> #                    TENTH LINE DITCH FLOW SPLIT (OUTLETS A & B)
00542>  002:0035--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00543>      DIVERT HYD      -> 05:Pond1026ou      30.05      .034 No_date    4:09    11.67
00544>                diverted <= 02:To807        30.05      .034 No_date    4:09    11.67
00545>                diverted <= 07:To809          .00      .000 No_date    0:00      .00
00546>                diverted <= 03:To1025         .00      .000 No_date    0:00      .00
00547>  002:0036--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00548>   *  CALIB NASHYD       01:207           1.22      .014 No_date    1:30     3.54
00549>        [CN= 55.3: N= 3.00]
00550>        [Tp=  .13:DT= 5.00]
00551>  002:0037--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00552>      ADD HYD           01:207           1.22      .014 No_date    1:30     3.54
00553>                      + 02:To807         30.05      .034 No_date    4:09    11.67
00554>        [DT= 1.00]  SUM=  06:807         31.27      .035 No_date    4:09    11.36
00555>  002:0038--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00556>      ADD HYD           03:To1025          .00      .000 No_date    0:00      .00
00557>                      + 09:Node2         145.66      .290 No_date    3:08    15.28
00558>        [DT= 1.00]  SUM=  01:1025        145.66      .290 No_date    3:08    15.28
00559>  002:0039--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00560>      ADD HYD           07:To809           .00      .000 No_date    0:00      .00
00561>                      + 01:1025          145.66      .290 No_date    3:08    15.28
00562>        [DT= 1.00]  SUM=  09:809         145.66      .290 No_date    3:08    15.28
00563> #                                FLOWS TO OUTLET B
00564>  002:0040--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00565>      ADD HYD           06:807           31.27      .035 No_date    4:00    11.36
00566>                      + 10:To806           26.77      .020 No_date    2:35     9.78
00567>        [DT= 1.00]  SUM=  01:806/outB      58.05      .055 No_date    4:00    10.63
00568> #                 LINKSVIEW AND CONTRIBUTING AREAS
00569>  002:0041--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00570>      CALIB STANDHYD     05:3504           6.94      .378 No_date    1:23    14.16
00571>        [XIMP=.30:TIMP=.50]
00572>        [LOSS= 2 :CN= 59.0]
00573>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
00574>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 215.:MNI=.013:SCI=   .0]
00575>  002:0042--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00576>      CALIB STANDHYD     06:3500          38.20     1.612 No_date    1:29    13.61
00577>        [XIMP=.30:TIMP=.50]
00578>        [LOSS= 2 :CN= 54.9]
00579>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
00580>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 505.:MNI=.013:SCI=   .0]
00581>  002:0043--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00582>      ADD HYD           05:3504           6.94      .378 No_date    1:23    14.16
00583>                      + 06:3500          38.20     1.612 No_date    1:29    13.61
00584>        [DT= 1.00]  SUM=  07:Pondin        45.14     1.929 No_date    1:28    13.70
00585>  002:0044--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00586>      ROUTE RESERVOIR -> 07:Pondin         45.14     1.929 No_date    1:28    13.70
00587>        [RDT= 1.00] out<- 08:LinkPond      45.14      .092 No_date    4:11    13.70
00588>              overflow <= 06:OVF            .00      .000 No_date    0:00      .00
00589>        [MxStoUsed=.5241E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00590>  002:0045--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00591>      ADD HYD           08:LinkPond        45.14      .092 No_date    4:11    13.70
00592>                      + 06:OVF              .00      .000 No_date    0:00      .00
00593>        [DT= 1.00]  SUM=  04:Pondout       45.14      .092 No_date    4:11    13.70
00594> #                  FLOWS FROM TENTH LINE (URBANIZED)
00595>  002:0046--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00596>      CALIB STANDHYD     03:3601            .25      .038 No_date    1:20    22.06
00597>        [XIMP=.64:TIMP=.64]
00598>        [LOSS= 2 :CN= 49.0]
00599>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
00600>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.013:SCI=   .0]
00601>  002:0047--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00602>      CALIB STANDHYD     05:3602           1.30      .142 No_date    1:24    22.06
00603>        [XIMP=.64:TIMP=.64]
00604>        [LOSS= 2 :CN= 49.0]
00605>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
00606>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.013:SCI=   .0]
00607>  002:0048--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00608>      COMPUTE DUALHYD    05:3602           1.30      .142 No_date    1:24    22.06
00609>         Major System /  02:Maj10th          .00      .000 No_date    0:00      .00
00610>         Minor System \  10:5yrflow         1.30      .142 No_date    1:24    22.06
00611> #                  FLOWS FROM BMGCC SOUTHERN PORTION
00612>  002:0049--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00613>      CALIB STANDHYD     05:3507          12.59      .628 No_date    1:25    13.26
00614>        [XIMP=.30:TIMP=.50]
00615>        [LOSS= 2 :CN= 52.0]
00616>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
00617>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 290.:MNI=.013:SCI=   .0]
00618>  002:0050--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00619>      ROUTE RESERVOIR -> 05:3507          12.59      .628 No_date    1:25    13.26
00620>        [RDT= 1.00] out<- 06:3507Pond     12.59      .030 No_date    4:04    13.26
00621>              overflow <= 07:3507OVF        .00      .000 No_date    0:00      .00
00622>        [MxStoUsed=.1367E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00623>  002:0051--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00624>      ADD HYD           04:Pondout        45.14      .092 No_date    4:11    13.70
00625>                      + 07:3507OVF          .00      .000 No_date    0:00      .00
00626>                      + 06:3507Pond       12.59      .030 No_date    4:04    13.26
00627>                      + 10:5yrflow         1.30      .142 No_date    1:24    22.06
00628>        [DT= 1.00]  SUM=  05:LinkPipe      59.03      .177 No_date    1:25    13.79
00629>  002:0052--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00630>      ADD HYD           05:LinkPipe        59.03      .177 No_date    1:25    13.79
00631>                      + 02:Maj10th          .00      .000 No_date    0:00      .00
00632>                      + 03:3601             .25      .038 No_date    1:20    22.06
00633>                      + 09:809           145.66      .290 No_date    3:08    15.28
00634>        [DT= 1.00]  SUM=  08:Node3        204.94      .416 No_date    3:10    14.86
00635>  002:0053--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00636>      ADD HYD           01:806/outB        58.05      .055 No_date    4:00    10.63
00637>                      + 09:Node3         204.94      .416 No_date    3:10    14.86
00638>        [DT= 1.00]  SUM=  02:Node4        262.99      .470 No_date    3:12    13.92
00639>    ** END OF RUN :   2
00640>
00641> ************************************************************************************
00642>
00643>
00644>
00645>
00646>
00647>  RUN:COMMAND#
00648>  003:0001--------------------------------------------------------------------------
00649>       START
00650>         [TZERO =    .00 hrs on       0]
00651>         [METOUT=   2    (1=imperial, 2=metric output)]
00652>         [NSTORM=   1 ]
00653>         [NRUN  =   3 ]
00654> #*********************************************************************************
00655> #  Project Name: [Linksview Ultimate]  Project Number: [183-2687]
00656> #  Date        : 2014 08 22
00657> #  Modified    :
00658> #  Modeller    : [A. French]
00659> #  Company     : C.F. Crozier & Associates Inc.
00660> #  License #   : 3737016
00661> #*********************************************************************************
00662> #*********************************************************************************
00663>  003:0002--------------------------------------------------------------------------
00664>       READ STORM
00665>         Filename = STORM.001
00666>         Comment  =
00667>         [SDT= 5.00:SDUR=   4.00:PTOT=  46.10]
00668> #                 MAIR MILLS ESTATES AND CONTRIBUTING AREAS
00669>  003:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00670>      CALIB STANDHYD     03:302           16.39      .699 No_date    1:34    18.88
00671>        [XIMP=.20:TIMP=.40]
00672>        [LOSS= 2 :CN= 65.2]
00673>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
00674>        [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=   .0]
00675>  003:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00676>      CALIB STANDHYD     01:303            2.34      .151 No_date    1:25    21.45
00677>        [XIMP=.25:TIMP=.50]
00678>        [LOSS= 2 :CN= 65.2]
00679>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
00680>        [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=   .0]
00681>  003:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00682>      ADD HYD           01:303            2.34      .151 No_date    1:25    21.45
00683>                      + 03:302           16.39      .699 No_date    1:34    18.88
00684>        [DT= 1.00]  SUM=  02:903           18.73      .831 No_date    1:32    19.20
00685>  003:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00686>      CALIB NASHYD       01:304            2.90      .069 No_date    1:40    10.02
00687>        [CN= 66.6: N= 3.00]
00688>        [Tp=  .28:DT= 5.00]
00689>  003:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00690>      ADD HYD           01:304            2.90      .069 No_date    1:40    10.02
00691>                      + 02:903           18.73      .831 No_date    1:32    19.20
00692>        [DT= 1.00]  SUM=  03:904           21.63      .889 No_date    1:34    17.97
00693>  003:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00694>      CALIB STANDHYD     01:305             .31      .021 No_date    1:20    16.57
00695>        [XIMP=.20:TIMP=.20]
00696>        [LOSS= 2 :CN= 65.2]
00697>        [Pervious     area: IAper= 5.00:SLPP= .50:LGP= 100.:MNP=.250:SCP=   .0]
00698>        [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
00699>  003:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00700>      ADD HYD           01:305             .31      .021 No_date    1:20    16.57
00701>                      + 03:904           21.63      .889 No_date    1:34    17.97
00702>        [DT= 1.00]  SUM=  02:905           21.94      .894 No_date    1:34    17.95
00703> #                        MAIR MILLS ESTATES SWMF
00704>  003:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00705>      ROUTE RESERVOIR -> 02:905           21.94      .894 No_date    1:34    17.95
00706>        [RDT= 1.00] out<- 03:502          21.94      .072 No_date    4:13    17.95
00707>              overflow <= 04:5020VF         .00      .000 No_date    0:00      .00
00708>        [MxStoUsed=.3376E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00709>  003:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00710>      CALIB NASHYD       01:400            5.70      .033 No_date    2:25     4.52
00711>        [CN= 50.2: N= 3.00]
00712>        [Tp=  .70:DT= 5.00]
00713>  003:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00714>      ADD HYD           01:400            5.70      .033 No_date    2:25     4.52
00715>                      + 03:502          21.94      .072 No_date    4:13    17.95
00716>                      + 04:5020VF           .00      .000 No_date    0:00      .00
00717>        [DT= 1.00]  SUM=  02:906          27.64      .086 No_date    3:29    15.18
00718> #        FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
00719>  003:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00720>      DIVERT HYD      -> 02:906           27.64      .086 No_date    3:29    15.18
00721>                diverted <= 10:To806      20.26      .020 No_date    3:29    15.18
00722>                diverted <= 03:To1023      3.69      .033 No_date    3:29    15.18
00723>                diverted <= 01:To1022      3.69      .033 No_date    3:29    15.18
00724> #                TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
00725>  003:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00726>      CALIB STANDHYD     01:3501           66.62     4.927 No_date    1:34    28.35
00727>        [XIMP=.30:TIMP=.50]
00728>        [LOSS= 2 :CN= 81.5]
00729>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
00730>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 666.:MNI=.013:SCI=   .0]
00731>  003:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00732>      ROUTE RESERVOIR -> 01:3501          66.62     4.927 No_date    1:34    28.35
00733>        [RDT= 1.00] out<- 02:3501Pond     66.62      .368 No_date    4:08    28.35
00734>              overflow <= 04:3501OVF        .00      .000 No_date    0:00      .00
00735>        [MxStoUsed=.1604E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00736>  003:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00737>      CALIB STANDHYD     01:3502           28.70     2.286 No_date    1:31    27.77
00738>        [XIMP=.30:TIMP=.50]
00739>        [LOSS= 2 :CN= 80.3]
00740>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
00741>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 437.:MNI=.013:SCI=   .0]
00742>  003:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00743>      ROUTE RESERVOIR -> 01:3502          28.70     2.286 No_date    1:31    27.77
00744>        [RDT= 1.00] out<- 05:3502Pond     28.70      .156 No_date    4:05    27.77
00745>              overflow <= 06:3502OVF        .00      .000 No_date    0:00      .00
00746>        [MxStoUsed=.6765E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00747>  003:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00748>      CALIB NASHYD       01:3506           10.24      .097 No_date    2:20     7.09
00749>        [CN= 61.8: N= 3.00]
00750>        [Tp=  .66:DT= 5.00]
00751> #                                FLOWS AT NODE 1
00752>  003:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00753>      ADD HYD           02:3501Pond       66.62      .368 No_date    4:08    28.35
00754>                      + 04:3501OVF          .00      .000 No_date    0:00      .00
00755>                      + 05:3502Pond       28.70      .156 No_date    4:05    27.77
00756>                      + 06:3502OVF          .00      .000 No_date    0:00      .00
00757>                      + 01:3506           10.24      .097 No_date    2:20     7.09
00758>        [DT= 1.00]  SUM=  07:Node1        105.56      .560 No_date    3:59    26.13
00759>  003:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00760>      ROUTE CHANNEL   -> 07:Node1        105.56      .560 No_date    3:59    26.13
00761>        [RDT= 1.00] out<- 02:RC           105.56      .549 No_date    4:23    26.13
00762>        [L/S/n= 1400./1.200/.030]
00763>        [Vmax=  .963:Dmax=  .589]
00764>  003:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00765>      CALIB STANDHYD     01:3503           23.53     1.559 No_date    1:26    20.74
00766>        [XIMP=.30:TIMP=.50]
00767>        [LOSS= 2 :CN= 59.0]
00768>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
00769>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 396.:MNI=.013:SCI=   .0]
00770>  003:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00771>      ROUTE RESERVOIR -> 01:3503          23.53     1.559 No_date    1:26    20.74
00772>        [RDT= 1.00] out<- 04:3503Pond     23.53      .130 No_date    3:36    20.74
00773>              overflow <= 05:3503OVF        .00      .000 No_date    0:00      .00
00774>        [MxStoUsed=.3854E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00775>  003:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00776>      CALIB NASHYD       01:3505           16.57      .069 No_date    2:45     3.91
00777>        [CN= 44.2: N= 3.00]
00778>        [Tp=  .94:DT= 5.00]
00779> #                  FLOWS AT NODE 2 (UPSTREAM OF TENTH LINE)
00780>  003:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00781>      ADD HYD           04:3503Pond       23.53      .130 No_date    3:36    20.74
00782>                      + 05:3503OVF          .00      .000 No_date    0:00      .00
00783>                      + 02:RC           105.56      .549 No_date    4:23    26.13
00784>                      + 01:3505          16.57      .069 No_date    2:45     3.91
00785>        [DT= 1.00]  SUM=  09:Node2        145.66      .713 No_date    4:03    22.73
00786> #                               MAIR MILLS VILLAGE
00787>  003:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00788>      CALIB NASHYD       01:103            8.70      .101 No_date    2:00     7.03
00789>        [CN= 59.2: N= 3.00]
00790>        [Tp=  .48:DT= 5.00]
00791>  003:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00792>      ADD HYD           01:103            8.70      .101 No_date    2:00     7.03
00793>                      + 03:To1023          3.69      .033 No_date    3:29    15.18
00794>        [DT= 1.00]  SUM=  02:1023         12.39      .114 No_date    2:10     9.46
00795>  003:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00796>      CALIB NASHYD       01:205            1.41      .020 No_date    1:35     5.34
00797>        [CN= 51.1: N= 3.00]
00798>        [Tp=  .20:DT= 5.00]
00799>  003:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00800>      ADD HYD           01:205            1.41      .020 No_date    1:35     5.34
00801>                      + 02:1023         12.39      .114 No_date    2:10     9.46
00802>        [DT= 1.00]  SUM=  03:802          13.80      .124 No_date    2:00     9.04
00803>  003:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00804>      CALIB STANDHYD     01:201            18.41     2.208 No_date    1:21    23.38
00805>        [XIMP=.43:TIMP=.56]
00806>        [LOSS= 2 :CN= 49.0]
00807>        [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
00808>        [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
00809>  003:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00810>      ADD HYD           01:201            18.41     2.208 No_date    1:21    23.38
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00811>                    +  03:802           13.80     .124 No_date    2:00    9.04
00812>       [DT= 1.00]  SUM=  02:803           32.21    2.223 No_date    1:21   17.24
00813> 003:0031---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00814>      CALIB NASHYD       01:202            1.10     .011 No_date    1:45    4.52
00815>        [CN= 55.0: N= 3.00]
00816>        [Tp=  .25:DT= 5.00]
00817> 003:0032---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00818>      ADD HYD            01:202            1.10     .011 No_date    1:45    4.52
00819>                    +  02:803           32.21    2.223 No_date    1:21   17.24
00820>       [DT= 1.00]  SUM=  03:804           33.31    2.224 No_date    1:21   16.82
00821> #                          MAIR MILLS VILLAGE SWMF
00822> 003:0033---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00823>      ROUTE RESERVOIR -> 03:804           33.31    2.224 No_date    1:21   16.82
00824>        [RDT= 1.00] out<- 02:1026         33.31     .115 No_date    4:03   16.81
00825>                  overflow <= 01:10260VF     .00     .000 No_date    0:00     .00
00826>       [MxStoUsed=.4575E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00827> 003:0034---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00828>      ADD HYD            02:1026           33.31     .115 No_date    4:03   16.81
00829>                    +  01:10260VF          .00     .000 No_date    0:00     .00
00830>       [DT= 1.00]  SUM=  05:Pond1026ou     33.31     .115 No_date    4:03   16.81
00831> #                     TENTH LINE DITCH FLOW SPLIT (OUTLETS A & B)
00832> 003:0035---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00833>      DIVERT HYD         -> 05:Pond1026ou     33.31     .115 No_date    4:03   16.81
00834>                diverted <= 02:To807         29.74     .040 No_date    4:03   16.81
00835>                diverted <= 07:To809          3.58     .075 No_date    4:03   16.81
00836>                diverted <= 03:To1025          .00     .000 No_date    0:00     .00
00837> 003:0036---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00838>  * CALIB NASHYD         01:207            1.22     .027 No_date    1:30    6.55
00839>        [CN= 55.3: N= 3.00]
00840>        [Tp=  .13:DT= 5.00]
00841> 003:0037---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00842>      ADD HYD            01:207            1.22     .027 No_date    1:30    6.55
00843>                    +  02:To807          29.74     .040 No_date    4:03   16.81
00844>       [DT= 1.00]  SUM=  06:807           30.96     .050 No_date    1:35   16.41
00845> 003:0038---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00846>      ADD HYD            03:To1025          .00     .000 No_date    0:00     .00
00847>                    +  09:Node2          145.66     .713 No_date    4:03   22.73
00848>       [DT= 1.00]  SUM=  01:1025          145.66     .713 No_date    4:03   22.73
00849> 003:0039---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00850>      ADD HYD            07:To809           3.58     .075 No_date    4:03   16.81
00851>                    +  01:1025          145.66     .713 No_date    4:03   22.73
00852>       [DT= 1.00]  SUM=  09:809           149.24     .788 No_date    4:03   22.59
00853> #                                 FLOWS TO OUTLET B
00854> 003:0040---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00855>      ADD HYD            06:807           30.96     .050 No_date    1:35   16.41
00856>                    +  10:To806          20.26     .020 No_date    3:29   15.18
00857>       [DT= 1.00]  SUM=  01:806/outB      51.21     .070 No_date    1:37   15.92
00858> #                          LINKSVIEW AND CONTRIBUTING AREAS
00859> 003:0041---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00860>      CALIB STANDHYD     05:3504           6.94     .532 No_date    1:23   20.74
00861>        [XIMP=.30:TIMP=.50]
00862>        [LOSS= 2 :CN= 59.0]
00863>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
00864>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 215.:MNI=.013:SCI=    .0]
00865> 003:0042---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00866>      CALIB STANDHYD     06:3500          38.20    2.336 No_date    1:27   19.84
00867>        [XIMP=.30:TIMP=.50]
00868>        [LOSS= 2 :CN= 54.9]
00869>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
00870>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 505.:MNI=.013:SCI=    .0]
00871> 003:0043---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00872>      ADD HYD            05:3504           6.94     .532 No_date    1:23   20.74
00873>                    +  06:3500          38.20    2.336 No_date    1:27   19.84
00874>       [DT= 1.00]  SUM=  07:Pondin        45.14    2.811 No_date    1:26   19.97
00875> 003:0044---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00876>      ROUTE RESERVOIR -> 07:Pondin        45.14    2.811 No_date    1:26   19.97
00877>        [RDT= 1.00] out<- 08:LinkPond     45.14     .236 No_date    3:39   19.97
00878>                  overflow <= 06:OVF         .00     .000 No_date    0:00     .00
00879>       [MxStoUsed=.7140E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00880> 003:0045---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00881>      ADD HYD            08:LinkPond       45.14     .236 No_date    3:39   19.97
00882>                    +  06:OVF             .00     .000 No_date    0:00     .00
00883>       [DT= 1.00]  SUM=  04:Pondout       45.14     .236 No_date    3:39   19.97
00884> #                          FLOWS FROM TENTH LINE (URBANIZED)
00885> 003:0046---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00886>      CALIB STANDHYD     03:3601            .25     .052 No_date    1:20   30.21
00887>        [XIMP=.64:TIMP=.64]
00888>        [LOSS= 2 :CN= 49.0]
00889>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=    .0]
00890>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.013:SCI=    .0]
00891> 003:0047---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00892>      CALIB STANDHYD     05:3602           1.30     .199 No_date    1:23   30.21
00893>        [XIMP=.64:TIMP=.64]
00894>        [LOSS= 2 :CN= 49.0]
00895>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=    .0]
00896>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.013:SCI=    .0]
00897> 003:0048---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00898>      COMPUTE DUALHYD    05:3602           1.30     .199 No_date    1:23   30.21
00899>         Major System /  02:Maj10th         .00     .000 No_date    0:00     .00
00900>         Minor System \  10:5yrflow         1.30     .199 No_date    1:23   30.21
00901> #                          FLOWS FROM BMGCC SOUTHERN PORTION
00902> 003:0049---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00903>      CALIB STANDHYD     05:3507           12.59     .881 No_date    1:24   19.26
00904>        [XIMP=.30:TIMP=.50]
00905>        [LOSS= 2 :CN= 52.0]
00906>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
00907>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 290.:MNI=.013:SCI=    .0]
00908> 003:0050---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00909>      ROUTE RESERVOIR -> 05:3507          12.59     .881 No_date    1:24   19.26
00910>        [RDT= 1.00] out<- 06:3507Pond     12.59     .079 No_date    3:10   19.26
00911>                  overflow <= 07:3507OVF     .00     .000 No_date    0:00     .00
00912>       [MxStoUsed=.1810E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00913> 003:0051---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00914>      ADD HYD            04:Pondout        45.14     .236 No_date    3:39   19.97
00915>                    +  07:3507OVF          .00     .000 No_date    0:00     .00
00916>                    +  06:3507Pond        12.59     .079 No_date    3:10   19.26
00917>                    +  10:5yrflow          1.30     .199 No_date    1:23   30.21
00918>       [DT= 1.00]  SUM=  05:LinkPipe       59.03     .321 No_date    3:28   20.05
00919> 003:0052---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00920>      ADD HYD            05:LinkPipe       59.03     .321 No_date    3:28   20.05
00921>                    +  02:Maj10th          .00     .000 No_date    0:00     .00
00922>                    +  03:3601             .25     .052 No_date    1:20   30.21
00923>                    +  09:809           149.24     .788 No_date    4:03   22.59
00924>       [DT= 1.00]  SUM=  08:Node3        208.52    1.101 No_date    4:00   21.88
00925> 003:0053---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00926>      ADD HYD            01:806/outB       51.21     .070 No_date    1:37   15.92
00927>                    +  08:Node3        208.52    1.101 No_date    4:00   21.88
00928>       [DT= 1.00]  SUM=  02:Node4        259.73    1.164 No_date    4:00   20.70
00929>    ** END OF RUN :  3
00930>
00931> ************************************************************************
00932>
00933>
00934>
00935>
00936>
00937>  RUN:COMMAND#
00938>  004:0001----------------------------------------------------------------
00939>       START
00940>         [TZERO =    .00 hrs on       0]
00941>         [METOUT=   2    (1=imperial, 2=metric output)]
00942>         [NSTORM=   1 ]
00943>         [NRUN  =   4 ]
00944> #************************************************************************
00945> #  Project Name: [Linksview Ultimate]  Project Number: [183-2687]
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10 yr CHI

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00946> #  Date       : 2014 08 22
00947> #  Modified   :
00948> #  Modeller   : [A. French]
00949> #  Company    : [C.F. Crozier & Associates Inc.
00950> #  License #  : 3737016
00951> #************************************************************************
00952> #************************************************************************
00953>  004:0002----------------------------------------------------------------
00954>       READ STORM
00955>        Filename = STORM.001
00956>        Comment  =
00957>        [SDT= 5.00:SDUR=   4.00:PTOT=  53.81]
00958> #                     MAIR MILLS ESTATES AND CONTRIBUTING AREAS
00959>  004:0003---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00960>       CALIB STANDHYD     03:302            16.39     .914 No_date    1:34   23.68
00961>         [XIMP=.20:TIMP=.40]
00962>         [LOSS= 2 :CN= 65.2]
00963>         [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
00964>         [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=    .0]
00965>  004:0004---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00966>       CALIB STANDHYD     01:303             2.34     .187 No_date    1:24   26.65
00967>         [XIMP=.25:TIMP=.50]
00968>         [LOSS= 2 :CN= 65.2]
00969>         [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
00970>         [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=    .0]
00971>  004:0005---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00972>       ADD HYD            01:303             2.34     .187 No_date    1:24   26.65
00973>                     +  03:302            16.39     .914 No_date    1:34   23.68
00974>        [DT= 1.00]  SUM=  02:903            18.73    1.079 No_date    1:33   24.05
00975>  004:0006---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00976>       CALIB NASHYD       01:304             2.90     .094 No_date    1:40   13.52
00977>         [CN= 66.6: N= 3.00]
00978>         [Tp=  .28:DT= 5.00]
00979>  004:0007---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00980>       ADD HYD            01:304             2.90     .094 No_date    1:40   13.52
00981>                     +  02:903            18.73    1.079 No_date    1:33   24.05
00982>        [DT= 1.00]  SUM=  03:904            21.63    1.161 No_date    1:34   22.64
00983>  004:0008---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00984>       CALIB STANDHYD     01:305              .31     .024 No_date    1:20   20.80
00985>         [XIMP=.20:TIMP=.20]
00986>         [LOSS= 2 :CN= 65.2]
00987>         [Pervious     area: IAper= 5.00:SLPP=  .50:LGP= 100.:MNP=.250:SCP=    .0]
00988>         [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=    .0]
00989>  004:0009---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00990>       ADD HYD            01:305              .31     .024 No_date    1:20   20.80
00991>                     +  03:904            21.63    1.161 No_date    1:34   22.64
00992>        [DT= 1.00]  SUM=  02:905            21.94    1.167 No_date    1:34   22.61
00993> #                     MAIR MILLS ESTATES SWMF
00994>  004:0010---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
00995>       ROUTE RESERVOIR -> 02:905           21.94    1.167 No_date    1:34   22.61
00996>         [RDT= 1.00] out<- 03:502           21.94     .108 No_date    4:07   22.61
00997>                   overflow <= 04:502OVF      .00     .000 No_date    0:00     .00
00998>        [MxStoUsed=.4094E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
00999>  004:0011---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01000>       CALIB NASHYD       01:400             5.70     .047 No_date    2:20    6.49
01001>         [CN= 50.2: N= 3.00]
01002>         [Tp=  .70:DT= 5.00]
01003>  004:0012---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01004>       ADD HYD            01:400             5.70     .047 No_date    2:20    6.49
01005>                     +  03:502            21.94     .108 No_date    4:07   22.61
01006>                     +  04:502OVF           .00     .000 No_date    0:00     .00
01007>        [DT= 1.00]  SUM=  02:906            27.64     .134 No_date    3:04   19.29
01008> #        FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
01009>  004:0013---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01010>       DIVERT HYD         -> 02:906           27.64     .134 No_date    3:04   19.29
01011>                 diverted <= 10:To806        16.76     .020 No_date    3:04   19.29
01012>                 diverted <= 03:To1023        5.44     .057 No_date    3:04   19.29
01013>                 diverted <= 01:To1022        5.44     .057 No_date    3:04   19.29
01014> #                    TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
01015>  004:0014---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01016>       CALIB STANDHYD     01:3501           66.62    6.426 No_date    1:34   34.87
01017>         [XIMP=.30:TIMP=.50]
01018>         [LOSS= 2 :CN= 81.5]
01019>         [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
01020>         [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 666.:MNI=.013:SCI=    .0]
01021>  004:0015---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01022>       ROUTE RESERVOIR -> 01:3501          66.62    6.426 No_date    1:34   34.87
01023>         [RDT= 1.00] out<- 02:3501Pond     66.62     .555 No_date    3:52   34.87
01024>                   overflow <= 04:3501OVF     .00     .000 No_date    0:00     .00
01025>        [MxStoUsed=.1804E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01026>  004:0016---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01027>       CALIB STANDHYD     01:3502           28.70    2.876 No_date    1:31   34.19
01028>         [XIMP=.30:TIMP=.50]
01029>         [LOSS= 2 :CN= 80.3]
01030>         [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
01031>         [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 437.:MNI=.013:SCI=    .0]
01032>  004:0017---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01033>       ROUTE RESERVOIR -> 01:3502          28.70    2.876 No_date    1:31   34.19
01034>         [RDT= 1.00] out<- 05:3502Pond     28.70     .236 No_date    3:46   34.19
01035>                   overflow <= 06:3502OVF     .00     .000 No_date    0:00     .00
01036>        [MxStoUsed=.7941E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01037>  004:0018---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01038>       CALIB NASHYD       01:3506           10.24     .138 No_date    2:15    9.95
01039>         [CN= 61.8: N= 3.00]
01040>         [Tp=  .66:DT= 5.00]
01041> #                              FLOWS AT NODE 1
01042>  004:0019---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01043>       ADD HYD            02:3501Pond       66.62     .555 No_date    3:52   34.87
01044>                     +  04:3501OVF          .00     .000 No_date    0:00     .00
01045>                     +  05:3502Pond        28.70     .236 No_date    3:46   34.19
01046>                     +  06:3502OVF          .00     .000 No_date    0:00     .00
01047>                     +  01:3506            10.24     .138 No_date    2:15    9.95
01048>        [DT= 1.00]  SUM=  07:Node1         105.56     .857 No_date    3:23   32.27
01049>  004:0020---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01050>       ROUTE CHANNEL   -> 07:Node1         105.56     .857 No_date    3:23   32.27
01051>         [RDT= 1.00] out<- 02:RC           105.56     .837 No_date    4:07   32.27
01052>         [L/S/n= 1400./1.200/.030]
01053>         [Vmax=  .902:Dmax=  .640]
01054>  004:0021---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01055>       CALIB STANDHYD     01:3503           23.53    1.910 No_date    1:26   25.57
01056>         [XIMP=.30:TIMP=.50]
01057>         [LOSS= 2 :CN= 59.0]
01058>         [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
01059>         [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 396.:MNI=.013:SCI=    .0]
01060>  004:0022---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01061>       ROUTE RESERVOIR -> 01:3503          23.53    1.910 No_date    1:26   25.57
01062>         [RDT= 1.00] out<- 04:3503Pond     23.53     .195 No_date    3:14   25.57
01063>                   overflow <= 05:3503OVF     .00     .000 No_date    0:00     .00
01064>        [MxStoUsed=.4510E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01065>  004:0023---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01066>       CALIB NASHYD       01:3505           16.57     .098 No_date    2:40    5.56
01067>         [CN= 44.2: N= 3.00]
01068>         [Tp=  .94:DT= 5.00]
01069> #                     FLOWS AT NODE 2 (UPSTREAM OF TENTH LINE)
01070>  004:0024---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01071>       ADD HYD            04:3503Pond       23.53     .195 No_date    3:14   25.57
01072>                     +  05:3503OVF          .00     .000 No_date    0:00     .00
01073>                     +  02:RC              105.56     .837 No_date    4:07   32.27
01074>                     +  01:3505             16.57     .098 No_date    2:40    5.56
01075>        [DT= 1.00]  SUM=  09:Node2         145.66    1.089 No_date    3:44   28.15
01076> #                              MAIR MILLS VILLAGE
01077>  004:0025---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01078>       CALIB NASHYD       01:103             8.70     .142 No_date    2:00    9.75
01079>         [CN= 59.2: N= 3.00]
01080>         [Tp=  .48:DT= 5.00]
```

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01081>  004:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01082>      ADD HYD           01:103          8.70     .142 No_date    2:00    9.75
01083>                      + 03:To1023       5.44     .057 No_date    3:04   19.29
01084>        [DT= 1.00]  SUM=  02:1023      14.14     .176 No_date    2:10   13.42
01085>  004:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01086>      CALIB NASHYD      01:205          1.41     .028 No_date    1:35    7.47
01087>        [CN= 51.1: N= 3.00]
01088>        [Tp=  .20:DT= 5.00]
01089>  004:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01090>      ADD HYD           01:205          1.41     .028 No_date    1:35    7.47
01091>                      + 02:1023        14.14     .176 No_date    2:10   13.42
01092>        [DT= 1.00]  SUM=  03:802       15.55     .189 No_date    2:05   12.88
01093>  004:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01094>      CALIB STANDHYD    01:201         18.41    2.610 No_date    1:21   28.15
01095>        [XIMP=.43:TIMP=.56]
01096>        [LOSS= 2 :CN= 49.0]
01097>        [Pervious    area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
01098>        [Impervious  area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
01099>  004:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01100>      ADD HYD           01:201         18.41    2.610 No_date    1:21   28.15
01101>                      + 03:802         15.55     .189 No_date    2:05   12.88
01102>        [DT= 1.00]  SUM=  02:803       33.96    2.634 No_date    1:21   21.16
01103>  004:0031--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01104>      CALIB NASHYD      01:202          1.10     .016 No_date    1:45    6.67
01105>        [CN= 55.0: N= 3.00]
01106>        [Tp=  .25:DT= 5.00]
01107>  004:0032--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01108>      ADD HYD           01:202          1.10     .016 No_date    1:45    6.67
01109>                      + 02:803         33.96    2.634 No_date    1:21   21.16
01110>        [DT= 1.00]  SUM=  03:804       35.06    2.636 No_date    1:21   20.71
01111> #                        MAIR MILLS VILLAGE SWMF
01112>  004:0033--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01113>      ROUTE RESERVOIR -> 03:804         35.06    2.636 No_date    1:21   20.71
01114>        [RDT= 1.00] out<- 02:1026       35.06     .217 No_date    3:36   20.70
01115>                overflow <= 01:1026OVF     .00     .000 No_date    0:00     .00
01116>       (MxStoUsed=.5128E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01117>  004:0034--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01118>      ADD HYD           02:1026         35.06     .217 No_date    3:36   20.70
01119>                      + 01:1026OVF       .00     .000 No_date    0:00     .00
01120>        [DT= 1.00]  SUM=  05:Pond1026ou  35.06     .217 No_date    3:36   20.70
01121> #                    TENTH LINE DITCH FLOW SPLIT (OUTLETS A & B)
01122>  004:0035--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01123>      DIVERT HYD        -> 05:Pond1026ou  35.06     .217 No_date    3:36   20.70
01124>                diverted <= 02:To807      25.40     .040 No_date    3:36   20.70
01125>                diverted <= 07:To809       9.66     .177 No_date    3:36   20.70
01126>                diverted <= 03:To1025       .00     .000 No_date    0:00     .00
01127>  004:0036--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01128>  *   CALIB NASHYD      01:207          1.22     .037 No_date    1:30    9.03
01129>        [CN= 55.3: N= 3.00]
01130>        [Tp=  .13:DT= 5.00]
01131>  004:0037--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01132>      ADD HYD           01:207          1.22     .037 No_date    1:30    9.03
01133>                      + 02:To807       25.40     .040 No_date    3:36   20.70
01134>        [DT= 1.00]  SUM=  06:807       26.62     .064 No_date    1:33   20.17
01135>  004:0038--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01136>      ADD HYD           03:To1025         .00     .000 No_date    0:00     .00
01137>                      + 09:Node2      145.66    1.089 No_date    3:44   28.15
01138>        [DT= 1.00]  SUM=  01:1025      145.66    1.089 No_date    3:44   28.15
01139>  004:0039--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01140>      ADD HYD           07:To809          9.66     .177 No_date    3:36   20.70
01141>                      + 01:1025       145.66    1.089 No_date    3:44   28.15
01142>        [DT= 1.00]  SUM=  09:809       155.32    1.265 No_date    3:44   27.69
01143> #                              FLOWS TO OUTLET B
01144>  004:0040--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01145>      ADD HYD           06:807          26.62     .064 No_date    1:33   20.17
01146>                      + 10:To806        16.76     .020 No_date    3:04   19.29
01147>        [DT= 1.00]  SUM=  01:806/outB    43.38     .084 No_date    1:33   19.83
01148> #                        LINKSVIEW AND CONTRIBUTING AREAS
01149>  004:0041--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01150>      CALIB STANDHYD    05:3504         6.94     .643 No_date    1:22   25.57
01151>        [XIMP=.30:TIMP=.50]
01152>        [LOSS= 2 :CN= 59.0]
01153>        [Pervious    area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
01154>        [Impervious  area: IAimp= 2.00:SLPI= .50:LGI= 215.:MNI=.013:SCI=   .0]
01155>  004:0042--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01156>      CALIB STANDHYD    06:3500         38.20    2.833 No_date    1:27   24.41
01157>        [XIMP=.30:TIMP=.50]
01158>        [LOSS= 2 :CN= 54.9]
01159>        [Pervious    area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
01160>        [Impervious  area: IAimp= 2.00:SLPI= .50:LGI= 505.:MNI=.013:SCI=   .0]
01161>  004:0043--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01162>      ADD HYD           05:3504         6.94     .643 No_date    1:22   25.57
01163>                      + 06:3500        38.20    2.833 No_date    1:27   24.41
01164>        [DT= 1.00]  SUM=  07:Pondin     45.14    3.392 No_date    1:26   24.59
01165>  004:0044--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01166>      ROUTE RESERVOIR -> 07:Pondin      45.14    3.392 No_date    1:26   24.59
01167>        [RDT= 1.00] out<- 08:LinkPond   45.14     .354 No_date    3:17   24.59
01168>                overflow <= 06:OVF         .00     .000 No_date    0:00     .00
01169>       (MxStoUsed=.8342E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01170>  004:0045--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01171>      ADD HYD           08:LinkPond     45.14     .354 No_date    3:17   24.59
01172>                      + 06:OVF           .00     .000 No_date    0:00     .00
01173>        [DT= 1.00]  SUM=  04:Pondout     45.14     .354 No_date    3:17   24.59
01174> #                    FLOWS FROM TENTH LINE (URBANIZED)
01175>  004:0046--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01176>      CALIB STANDHYD    03:3601           .25     .061 No_date    1:20   35.90
01177>        [XIMP=.64:TIMP=.64]
01178>        [LOSS= 2 :CN= 49.0]
01179>        [Pervious    area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
01180>        [Impervious  area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.013:SCI=   .0]
01181>  004:0047--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01182>      CALIB STANDHYD    05:3602         1.30     .236 No_date    1:23   35.90
01183>        [XIMP=.64:TIMP=.64]
01184>        [LOSS= 2 :CN= 49.0]
01185>        [Pervious    area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
01186>        [Impervious  area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.013:SCI=   .0]
01187>  004:0048--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01188>      COMPUTE DUALHYD   05:3602         1.30     .236 No_date    1:23   35.90
01189>        Major System /  02:Maj10th       .01     .016 No_date    1:23   35.90
01190>        Minor System \  10:5yrflow      1.29     .220 No_date    1:22   35.90
01191> #                    FLOWS FROM BMGCC SOUTHERN PORTION
01192>  004:0049--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01193>      CALIB STANDHYD    05:3507         12.59    1.070 No_date    1:23   23.66
01194>        [XIMP=.30:TIMP=.50]
01195>        [LOSS= 2 :CN= 52.0]
01196>        [Pervious    area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
01197>        [Impervious  area: IAimp= 2.00:SLPI= .50:LGI= 290.:MNI=.013:SCI=   .0]
01198>  004:0050--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01199>      ROUTE RESERVOIR -> 05:3507         12.59    1.070 No_date    1:23   23.66
01200>        [RDT= 1.00] out<- 06:3507Pond    12.59     .115 No_date    2:55   23.66
01201>                overflow <= 07:3507OVF     .00     .000 No_date    0:00     .00
01202>       (MxStoUsed=.2121E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01203>  004:0051--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01204>      ADD HYD           04:Pondout      45.14     .354 No_date    3:17   24.59
01205>                      + 07:3507OVF       .00     .000 No_date    0:00     .00
01206>                      + 06:3507Pond    12.59     .115 No_date    2:55   23.66
01207>                      + 10:5yrflow      1.29     .220 No_date    1:22   35.90
01208>        [DT= 1.00]  SUM=  05:LinkPipe    59.02     .479 No_date    3:08   24.64
01209>  004:0052--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01210>      ADD HYD           05:LinkPipe     59.02     .479 No_date    3:08   24.64
01211>                      + 02:Maj10th        .01     .016 No_date    1:23   35.90
01212>                      + 03:3601           .25     .061 No_date    1:20   35.90
01213>                      + 09:809         155.32    1.265 No_date    3:44   27.69
01214>        [DT= 1.00]  SUM=  08:Node3      214.60    1.734 No_date    3:36   26.86
01215>  004:0053--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01216>      ADD HYD           01:806/outB      43.38     .084 No_date    1:33   19.83
01217>                      + 08:Node3      214.60    1.734 No_date    3:36   26.86
01218>        [DT= 1.00]  SUM=  02:Node4     257.98    1.798 No_date    3:36   25.67
01219>  ** END OF RUN :   4
01220>
01221> ************************************************************************
01222>
01223>
01224>                                                          25 yr CHI
01225>
01226>
01227>  RUN:COMMAND#
01228>  005:0001--------------------------------------------------------------
01229>      START
01230>        [TZERO =    .00 hrs on        0]
01231>        [METOUT=   2    (1=imperial, 2=metric output)]
01232>        [NSTORM=   1 ]
01233>        [NRUN  =   5 ]
01234> #*************************************************************************
01235> #  Project Name: [Linksview Ultimate]  Project Number: [183-2687]
01236> #  Date        : 2014 08 22
01237> #  Modified    :
01238> #  Modeller    : [A. French]
01239> #  Company     : C.F. Crozier & Associates Inc.
01240> #  License #   : 3737016
01241> #*************************************************************************
01242> #*************************************************************************
01243>  005:0002--------------------------------------------------------------
01244>      READ STORM
01245>       Filename = STORM.001
01246>       Comment  =
01247>       [SDT= 5.00:SDUR=   4.00:PTOT=  63.85]
01248> #                MAIR MILLS ESTATES AND CONTRIBUTING AREAS
01249>  005:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01250>      CALIB STANDHYD    03:302          16.39    1.229 No_date    1:35   30.33
01251>        [XIMP=.20:TIMP=.40]
01252>        [LOSS= 2 :CN= 65.2]
01253>        [Pervious    area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
01254>        [Impervious  area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=   .0]
01255>  005:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01256>      CALIB STANDHYD    01:303          2.34     .240 No_date    1:24   33.79
01257>        [XIMP=.25:TIMP=.50]
01258>        [LOSS= 2 :CN= 65.2]
01259>        [Pervious    area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
01260>        [Impervious  area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=   .0]
01261>  005:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01262>      ADD HYD           01:303          2.34     .240 No_date    1:24   33.79
01263>                      + 03:302         16.39    1.229 No_date    1:35   30.33
01264>        [DT= 1.00]  SUM=  02:903        18.73    1.442 No_date    1:33   30.76
01265>  005:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01266>      CALIB NASHYD      01:304          2.90     .130 No_date    1:40   18.59
01267>        [CN= 66.6: N= 3.00]
01268>        [Tp=  .28:DT= 5.00]
01269>  005:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01270>      ADD HYD           01:304          2.90     .130 No_date    1:40   18.59
01271>                      + 02:903        18.73    1.442 No_date    1:33   30.76
01272>        [DT= 1.00]  SUM=  03:904        21.63    1.559 No_date    1:35   29.13
01273>  005:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01274>      CALIB STANDHYD    01:305           .31     .029 No_date    1:20   26.72
01275>        [XIMP=.20:TIMP=.20]
01276>        [LOSS= 2 :CN= 65.2]
01277>        [Pervious    area: IAper= 5.00:SLPP= .50:LGP= 100.:MNP=.250:SCP=   .0]
01278>        [Impervious  area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
01279>  005:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01280>      ADD HYD           01:305           .31     .029 No_date    1:20   26.72
01281>                      + 03:904        21.63    1.559 No_date    1:35   29.13
01282>        [DT= 1.00]  SUM=  02:905        21.94    1.567 No_date    1:35   29.10
01283> #                MAIR MILLS ESTATES SWMF
01284>  005:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01285>      ROUTE RESERVOIR -> 02:905        21.94    1.567 No_date    1:35   29.10
01286>        [RDT= 1.00] out<- 03:902        21.94     .142 No_date    4:06   29.10
01287>                overflow <= 04:902OVF      .00     .000 No_date    0:00     .00
01288>       (MxStoUsed=.5145E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01289>  005:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01290>      CALIB NASHYD      01:400          5.70     .070 No_date    2:20    9.48
01291>        [CN= 50.2: N= 3.00]
01292>        [Tp=  .70:DT= 5.00]
01293>  005:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01294>      ADD HYD           01:400          5.70     .070 No_date    2:20    9.48
01295>                      + 03:902        21.94     .142 No_date    4:06   29.10
01296>                      + 04:902OVF        .00     .000 No_date    0:00     .00
01297>        [DT= 1.00]  SUM=  02:906        27.64     .200 No_date    2:35   25.05
01298> #          FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
01299>  005:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01300>      DIVERT HYD        -> 02:906        27.64     .200 No_date    2:35   25.05
01301>                diverted <= 10:To806     13.55     .020 No_date    2:35   25.05
01302>                diverted <= 03:To1023     7.04     .090 No_date    2:35   25.05
01303>                diverted <= 01:To1022     7.04     .090 No_date    2:35   25.05
01304> #                TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
01305>  005:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01306>      CALIB STANDHYD    01:3501         66.62    8.345 No_date    1:33   43.62
01307>        [XIMP=.30:TIMP=.50]
01308>        [LOSS= 2 :CN= 81.5]
01309>        [Pervious    area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
01310>        [Impervious  area: IAimp= 2.00:SLPI= .50:LGI= 666.:MNI=.013:SCI=   .0]
01311>  005:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01312>      ROUTE RESERVOIR -> 01:3501         66.62    8.345 No_date    1:33   43.62
01313>        [RDT= 1.00] out<- 02:3501Pond    66.62     .809 No_date    3:30   43.62
01314>                overflow <= 04:3501OVF     .00     .000 No_date    0:00     .00
01315>       (MxStoUsed=.2262E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01316>  005:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01317>      CALIB STANDHYD    01:3502         28.70    3.878 No_date    1:30   42.82
01318>        [XIMP=.30:TIMP=.50]
01319>        [LOSS= 2 :CN= 80.3]
01320>        [Pervious    area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
01321>        [Impervious  area: IAimp= 2.00:SLPI= .50:LGI= 437.:MNI=.013:SCI=   .0]
01322>  005:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01323>      ROUTE RESERVOIR -> 01:3502         28.70    3.878 No_date    1:30   42.82
01324>        [RDT= 1.00] out<- 05:3502Pond    28.70     .345 No_date    3:24   42.82
01325>                overflow <= 06:3502OVF     .00     .000 No_date    0:00     .00
01326>       (MxStoUsed=.9543E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01327>  005:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01328>      CALIB NASHYD      01:3506         10.24     .199 No_date    2:15   14.20
01329>        [CN= 61.8: N= 3.00]
01330>        [Tp=  .66:DT= 5.00]
01331> #                              FLOWS AT NODE 1
01332>  005:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01333>      ADD HYD           02:3501Pond      66.62     .809 No_date    3:30   43.62
01334>                      + 04:3501OVF       .00     .000 No_date    0:00     .00
01335>                      + 05:3502Pond    28.70     .345 No_date    3:24   42.82
01336>                      + 06:3502OVF       .00     .000 No_date    0:00     .00
01337>                      + 01:3506        10.24     .199 No_date    2:15   14.20
01338>        [DT= 1.00]  SUM=  07:Node1     105.56    1.274 No_date    3:02   40.55
01339>  005:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01340>      ROUTE CHANNEL     -> 07:Node1     105.56    1.274 No_date    3:02   40.55
01341>        [RDT= 1.00] out<- 02:RC         105.56    1.226 No_date    3:51   40.55
01342>        [L/S/n= 1400./1.200/.030]
01343>        [Vmax=  .853:Dmax=  .697]
01344>  005:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01345>      CALIB STANDHYD    01:3503         23.53    2.424 No_date    1:25   32.20
01346>        [XIMP=.30:TIMP=.50]
01347>        [LOSS= 2 :CN= 59.0]
01348>        [Pervious    area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
01349>        [Impervious  area: IAimp= 2.00:SLPI= .50:LGI= 396.:MNI=.013:SCI=   .0]
01350>  005:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
```

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      ROUTE RESERVOIR -> 01:3503          23.53    2.424 No_date    1:25   32.20
       [RDT= 1.00] out<- 04:3503Pond      23.53     .286 No_date    2:58   32.20
            overflow <= 05:3503OVF          .00     .000 No_date    0:00     .00
      {MxStoUsed=.5423E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
 005:0023----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB NASHYD       01:3505          16.57     .144 No_date    2:40    8.09
       [CN= 44.2: N= 3.00]
       [Tp=  .94:DT= 5.00]
#                  FLOWS AT NODE 2 (UPSTREAM OF TENTH LINE)
 005:0024----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD            04:3503Pond      23.53     .286 No_date    2:58   32.20
                       + 05:3503OVF          .00     .000 No_date    0:00     .00
                       + 02:RC             105.56    1.226 No_date    3:51   40.55
                       + 01:3505            16.57     .144 No_date    2:40    8.09
      [DT= 1.00]  SUM=  09:Node2           145.66    1.604 No_date    3:33   35.51
#                                  MAIR MILLS VILLAGE
 005:0025----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB NASHYD       01:103            8.70     .203 No_date    2:00   13.79
       [CN= 59.2: N= 3.00]
       [Tp=  .48:DT= 5.00]
 005:0026----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD            01:103            8.70     .203 No_date    2:00   13.79
                       + 03:To1023         7.04     .090 No_date    2:35   25.05
      [DT= 1.00]  SUM=  02:1023            15.74     .267 No_date    2:06   18.83
 005:0027----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB NASHYD       01:205            1.41     .041 No_date    1:35   10.67
       [CN= 51.1: N= 3.00]
       [Tp=  .20:DT= 5.00]
 005:0028----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD            01:205            1.41     .041 No_date    1:35   10.67
                       + 02:1023           15.74     .267 No_date    2:06   18.83
      [DT= 1.00]  SUM=  03:802             17.15     .287 No_date    2:05   18.16
 005:0029----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB STANDHYD     01:201            18.41    3.174 No_date    1:21   34.62
       [XIMP=.43:TIMP=.56]
       [LOSS= 2 :CN= 49.0]
       [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
       [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
 005:0030----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD            01:201           18.41    3.174 No_date    1:21   34.62
                       + 03:802           17.15     .287 No_date    2:05   18.16
      [DT= 1.00]  SUM=  02:803             35.56    3.211 No_date    1:21   26.68
 005:0031----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB NASHYD       01:202            1.10     .025 No_date    1:40    9.96
       [CN= 55.0: N= 3.00]
       [Tp=  .25:DT= 5.00]
 005:0032----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD            01:202            1.10     .025 No_date    1:40    9.96
                       + 02:803            35.56    3.211 No_date    1:21   26.68
      [DT= 1.00]  SUM=  03:804             36.66    3.217 No_date    1:21   26.18
#                                MAIR MILLS VILLAGE SWMF
 005:0033----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ROUTE RESERVOIR -> 03:804          36.66    3.217 No_date    1:21   26.18
       [RDT= 1.00] out<- 02:1026         36.66     .359 No_date    3:06   26.17
            overflow <= 01:1026OVF          .00     .000 No_date    0:00     .00
      {MxStoUsed=.5901E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
 005:0034----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD            02:1026          36.66     .359 No_date    3:06   26.17
                       + 01:1026OVF          .00     .000 No_date    0:00     .00
      [DT= 1.00]  SUM=  05:Pond1026ou      36.66     .359 No_date    3:06   26.17
#                  TENTH LINE DITCH FLOW SPLIT (OUTLETS A & B)
 005:0035----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      DIVERT HYD       -> 05:Pond1026ou    36.66     .359 No_date    3:06   26.17
            diverted <= 02:To807           21.13     .040 No_date    3:06   26.17
            diverted <= 07:To809           15.53     .319 No_date    3:06   26.17
            diverted <= 03:To1025            .00     .000 No_date    0:00     .00
 005:0036----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
  * CALIB NASHYD         01:207            1.22     .053 No_date    1:30   12.72
       [CN= 55.3: N= 3.00]
       [Tp=  .13:DT= 5.00]
 005:0037----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD            01:207            1.22     .053 No_date    1:30   12.72
                       + 02:To807          21.13     .040 No_date    3:06   26.17
      [DT= 1.00]  SUM=  06:807             22.35     .086 No_date    1:30   25.44
 005:0038----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD            03:To1025            .00     .000 No_date    0:00     .00
                       + 09:Node2          145.66    1.604 No_date    3:33   35.51
      [DT= 1.00]  SUM=  01:1025            145.66    1.604 No_date    3:33   35.51
 005:0039----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD            07:To809          15.53     .319 No_date    3:06   26.17
                       + 01:1025           145.66    1.604 No_date    3:33   35.51
      [DT= 1.00]  SUM=  09:809             161.19    1.916 No_date    3:25   34.61
#                                  FLOWS TO OUTLET B
 005:0040----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD            06:807            22.35     .086 No_date    1:30   25.44
                       + 10:To806          13.55     .020 No_date    2:35   25.05
      [DT= 1.00]  SUM=  01:806/outB        35.91     .106 No_date    1:30   25.29
#                    LINKSVIEW AND CONTRIBUTING AREAS
 005:0041----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB STANDHYD     05:3504            6.94     .802 No_date    1:22   32.20
       [XIMP=.30:TIMP=.50]
       [LOSS= 2 :CN= 59.0]
       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 215.:MNI=.013:SCI=   .0]
 005:0042----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB STANDHYD     06:3500           38.20    3.603 No_date    1:26   30.70
       [XIMP=.30:TIMP=.50]
       [LOSS= 2 :CN= 54.9]
       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 505.:MNI=.013:SCI=   .0]
 005:0043----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD            05:3504            6.94     .802 No_date    1:22   32.20
                       + 06:3500           38.20    3.603 No_date    1:26   30.70
      [DT= 1.00]  SUM=  07:Pondin          45.14    4.333 No_date    1:26   30.93
 005:0044----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ROUTE RESERVOIR -> 07:Pondin       45.14    4.333 No_date    1:26   30.93
       [RDT= 1.00] out<- 08:LinkPond     45.14     .520 No_date    3:01   30.93
            overflow <= 06:OVF              .00     .000 No_date    0:00     .00
      {MxStoUsed=.1002E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
 005:0045----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD            08:LinkPond       45.14     .520 No_date    3:01   30.93
                       + 06:OVF              .00     .000 No_date    0:00     .00
      [DT= 1.00]  SUM=  04:Pondout         45.14     .520 No_date    3:01   30.93
#                  FLOWS FROM TENTH LINE (URBANIZED)
 005:0046----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB STANDHYD     03:3601             .25     .073 No_date    1:20   43.44
       [XIMP=.64:TIMP=.64]
       [LOSS= 2 :CN= 49.0]
       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.013:SCI=   .0]
 005:0047----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB STANDHYD     05:3602            1.30     .291 No_date    1:22   43.44
       [XIMP=.64:TIMP=.64]
       [LOSS= 2 :CN= 49.0]
       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.013:SCI=   .0]
 005:0048----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      COMPUTE DUALHYD    05:3602            1.30     .291 No_date    1:22   43.44
         Major System /  02:Maj10th          .05     .071 No_date    1:22   43.44
         Minor System \  10:5yrflow         1.25     .220 No_date    1:19   43.44
#                  FLOWS FROM BMGCC SOUTHERN PORTION
 005:0049----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB STANDHYD     05:3507           12.59    1.327 No_date    1:23   29.72
       [XIMP=.30:TIMP=.50]
       [LOSS= 2 :CN= 52.0]
       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 290.:MNI=.013:SCI=   .0]
 005:0050----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ROUTE RESERVOIR -> 05:3507         12.59    1.327 No_date    1:23   29.72
       [RDT= 1.00] out<- 06:3507Pond     12.59     .164 No_date    2:44   29.72
            overflow <= 07:3507OVF          .00     .000 No_date    0:00     .00
      {MxStoUsed=.2554E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
 005:0051----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD            04:Pondout        45.14     .520 No_date    3:01   30.93
                       + 07:3507OVF          .00     .000 No_date    0:00     .00
                       + 06:3507Pond       12.59     .164 No_date    2:44   29.72
                       + 10:5yrflow         1.25     .220 No_date    1:19   43.44
      [DT= 1.00]  SUM=  05:LinkPipe        58.98     .698 No_date    2:53   30.94
 005:0052----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD            05:LinkPipe       58.98     .698 No_date    2:53   30.94
                       + 02:Maj10th          .05     .071 No_date    1:22   43.44
                       + 03:3601             .25     .073 No_date    1:20   43.44
                       + 09:809           161.19    1.916 No_date    3:25   34.61
      [DT= 1.00]  SUM=  08:Node3           220.47    2.599 No_date    3:19   33.64
 005:0053----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD            01:806/outB       35.91     .106 No_date    1:30   25.29
                       + 08:Node3          220.47    2.599 No_date    3:19   33.64
      [DT= 1.00]  SUM=  02:Node4           256.38    2.665 No_date    3:19   32.47
  ** END OF RUN :  5
 ************************************************************************

                                50 yr CHI

 RUN:COMMAND#
 006:0001----------------------------------------------------------------------
      START
       [TZERO =    .00 hrs on        0]
       [METOUT=   2      (1=imperial, 2=metric output)]
       [NSTORM=   1 ]
       [NRUN  =   6 ]
 ************************************************************************
 #  Project Name: [Linksview Ultimate]  Project Number: [183-2687]
 #  Date        : 2014 08 22
 #  Modified    :
 #  Modeller    : [A. French]
 #  Company     : C.F. Crozier & Associates Inc.
 #  License #   :  3737016
 ************************************************************************
 ************************************************************************
 006:0002----------------------------------------------------------------------
      READ STORM
       Filename = STORM.001
       Comment  =
       [SDT= 5.00:SDUR=   4.00:PTOT=  70.27]
#                MAIR MILLS ESTATES AND CONTRIBUTING AREAS
 006:0003----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB STANDHYD     03:302           16.39    1.466 No_date    1:35   34.80
       [XIMP=.20:TIMP=.40]
       [LOSS= 2 :CN= 65.2]
       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
       [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=   .0]
 006:0004----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB STANDHYD     01:303            2.34     .281 No_date    1:27   38.55
       [XIMP=.25:TIMP=.50]
       [LOSS= 2 :CN= 65.2]
       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
       [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=   .0]
 006:0005----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD            01:303            2.34     .281 No_date    1:27   38.55
                       + 03:302           16.39    1.466 No_date    1:35   34.80
      [DT= 1.00]  SUM=  02:903             18.73    1.719 No_date    1:33   35.27
 006:0006----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB NASHYD       01:304            2.90     .157 No_date    1:40   22.11
       [CN= 66.6: N= 3.00]
       [Tp=  .28:DT= 5.00]
 006:0007----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD            01:304            2.90     .157 No_date    1:40   22.11
                       + 02:903            18.73    1.719 No_date    1:33   35.27
      [DT= 1.00]  SUM=  03:904             21.63    1.858 No_date    1:34   33.50
 006:0008----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB STANDHYD     01:305             .31     .032 No_date    1:20   30.72
       [XIMP=.20:TIMP=.20]
       [LOSS= 2 :CN= 65.2]
       [Pervious     area: IAper= 5.00:SLPP=  .50:LGP= 100.:MNP=.250:SCP=   .0]
       [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
 006:0009----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD            01:305             .31     .032 No_date    1:20   30.72
                       + 03:904            21.63    1.858 No_date    1:34   33.50
      [DT= 1.00]  SUM=  02:905             21.94    1.868 No_date    1:34   33.46
#                          MAIR MILLS ESTATES SWMF
 006:0010----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ROUTE RESERVOIR -> 02:905          21.94    1.868 No_date    1:34   33.46
       [RDT= 1.00] out<- 03:502          21.94     .150 No_date    4:08   33.46
            overflow <= 04:5020VF           .00     .000 No_date    0:00     .00
      {MxStoUsed=.5957E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
 006:0011----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB NASHYD       01:400            5.70     .086 No_date    2:20   11.63
       [CN= 50.2: N= 3.00]
       [Tp=  .70:DT= 5.00]
 006:0012----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ADD HYD            01:400            5.70     .086 No_date    2:20   11.63
                       + 03:502            21.94     .150 No_date    4:08   33.46
                       + 04:5020VF           .00     .000 No_date    0:00     .00
      [DT= 1.00]  SUM=  02:906             27.64     .227 No_date    2:30   28.96
#        FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
 006:0013----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      DIVERT HYD       -> 02:906          27.64     .227 No_date    2:30   28.96
            diverted <= 10:To806          12.11     .020 No_date    2:30   28.96
            diverted <= 03:To1023          7.77     .104 No_date    2:30   28.96
            diverted <= 01:To1022          7.77     .104 No_date    2:30   28.96
#                  TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
 006:0014----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB STANDHYD     01:3501           66.62    9.745 No_date    1:32   49.34
       [XIMP=.30:TIMP=.50]
       [LOSS= 2 :CN= 81.5]
       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 666.:MNI=.013:SCI=   .0]
 006:0015----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ROUTE RESERVOIR -> 01:3501         66.62    9.745 No_date    1:32   49.34
       [RDT= 1.00] out<- 02:3501Pond     66.62     .975 No_date    3:20   49.34
            overflow <= 04:3501OVF          .00     .000 No_date    0:00     .00
      {MxStoUsed=.2514E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
 006:0016----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB STANDHYD     01:3502           28.70    4.530 No_date    1:29   48.48
       [XIMP=.30:TIMP=.50]
       [LOSS= 2 :CN= 80.3]
       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 437.:MNI=.013:SCI=   .0]
 006:0017----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      ROUTE RESERVOIR -> 01:3502         28.70    4.530 No_date    1:29   48.48
       [RDT= 1.00] out<- 05:3502Pond     28.70     .417 No_date    3:14   48.48
            overflow <= 06:3502OVF          .00     .000 No_date    0:00     .00
      {MxStoUsed=.1061E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
 006:0018----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
      CALIB NASHYD       01:3506           10.24     .243 No_date    2:15   17.20
       [CN= 61.8: N= 3.00]
       [Tp=  .66:DT= 5.00]
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01621> #                                        FLOWS AT NODE 1
01622>  006:0019----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01623>      ADD HYD            02:3501Pond       66.62     .975 No_date    3:20   49.34
01624>                       + 04:3501OVF         .00     .000 No_date    0:00     .00
01625>                       + 05:3502Pond      28.70     .417 No_date    3:14   48.48
01626>                       + 06:3502OVF         .00     .000 No_date    0:00     .00
01627>                       + 01:3506          10.24     .243 No_date    2:15   17.20
01628>       [DT= 1.00]  SUM=  07:Node1        105.56    1.554 No_date    2:52   45.99
01629>  006:0020----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01630>      ROUTE CHANNEL    -> 07:Node1        105.56    1.554 No_date    2:52   45.99
01631>       [RDT= 1.00] out<- 02:RC             105.56    1.482 No_date    3:41   45.99
01632>       [L/S/n= 1400./1.200/.030]
01633>       [Vmax=  .843:Dmax=  .725]
01634>  006:0021----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01635>      CALIB STANDHYD     01:3503           23.53    2.785 No_date    1:25   36.63
01636>       [XIMP=.30:TIMP=.50]
01637>       [LOSS= 2 :CN= 59.0]
01638>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
01639>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 396.:MNI=.013:SCI=    .0]
01640>  006:0022----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01641>      ROUTE RESERVOIR -> 01:3503           23.53    2.785 No_date    1:25   36.63
01642>       [RDT= 1.00] out<- 04:3503Pond       23.53     .345 No_date    2:52   36.63
01643>            overflow <= 05:3503OVF          .00     .000 No_date    0:00     .00
01644>       (MxStoUsed=.6050E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01645>  006:0023----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01646>      CALIB NASHYD       01:3505           16.57     .177 No_date    2:40    9.92
01647>       [CN= 44.2: N= 3.00]
01648>       [Tp=  .94:DT= 5.00]
01649> #                       FLOWS AT NODE 2 (UPSTREAM OF TENTH LINE)
01650>  006:0024----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01651>      ADD HYD            04:3503Pond       23.53     .345 No_date    2:52   36.63
01652>                       + 05:3503OVF         .00     .000 No_date    0:00     .00
01653>                       + 02:RC            105.56    1.482 No_date    3:41   45.99
01654>                       + 01:3505           16.57     .177 No_date    2:40    9.92
01655>       [DT= 1.00]  SUM=  09:Node2        145.66    1.950 No_date    3:25   40.37
01656> #                                       MAIR MILLS VILLAGE
01657>  006:0025----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01658>      CALIB NASHYD       01:103             8.70     .247 No_date    2:00   16.64
01659>       [CN= 59.2: N= 3.00]
01660>       [Tp=  .48:DT= 5.00]
01661>  006:0026----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01662>      ADD HYD            01:103             8.70     .247 No_date    2:00   16.64
01663>                       + 03:To1023          7.77     .104 No_date    2:30   28.96
01664>       [DT= 1.00]  SUM=  02:1023          16.47     .333 No_date    2:05   22.45
01665>  006:0027----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01666>      CALIB NASHYD       01:205             1.41     .051 No_date    1:35   12.96
01667>       [CN= 51.1: N= 3.00]
01668>       [Tp=  .20:DT= 5.00]
01669>  006:0028----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01670>      ADD HYD            01:205             1.41     .051 No_date    1:35   12.96
01671>                       + 02:1023          16.47     .333 No_date    2:05   22.45
01672>       [DT= 1.00]  SUM=  03:802           17.88     .357 No_date    2:05   21.70
01673>  006:0029----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01674>      CALIB STANDHYD     01:201             18.41    3.569 No_date    1:21   38.89
01675>       [XIMP=.43:TIMP=.56]
01676>       [LOSS= 2 :CN= 49.0]
01677>       [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=    .0]
01678>       [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=    .0]
01679>  006:0030----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01680>      ADD HYD            01:201             18.41    3.569 No_date    1:21   38.89
01681>                       + 03:802           17.88     .357 No_date    2:05   21.70
01682>       [DT= 1.00]  SUM=  02:803           36.29    3.616 No_date    1:21   30.42
01683>  006:0031----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01684>      CALIB NASHYD       01:202             1.10     .032 No_date    1:40   12.33
01685>       [CN= 55.0: N= 3.00]
01686>       [Tp=  .25:DT= 5.00]
01687>  006:0032----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01688>      ADD HYD            01:202             1.10     .032 No_date    1:40   12.33
01689>                       + 02:803           36.29    3.616 No_date    1:21   30.42
01690>       [DT= 1.00]  SUM=  03:804           37.39    3.624 No_date    1:21   29.89
01691> #                                       MAIR MILLS VILLAGE SWMF
01692>  006:0033----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01693>      ROUTE RESERVOIR -> 03:804           37.39    3.624 No_date    1:21   29.89
01694>       [RDT= 1.00] out<- 02:1026          37.39     .454 No_date    2:56   29.89
01695>            overflow <= 01:1026OVF          .00     .000 No_date    0:00     .00
01696>       (MxStoUsed=.6422E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01697>  006:0034----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01698>      ADD HYD            02:1026            37.39     .454 No_date    2:56   29.89
01699>                       + 01:1026OVF          .00     .000 No_date    0:00     .00
01700>       [DT= 1.00]  SUM=  05:Pond1026ou     37.39     .454 No_date    2:56   29.89
01701> #                       TENTH LINE DITCH FLOW SPLIT (OUTLETS A & B)
01702>  006:0035----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01703>      DIVERT HYD       -> 05:Pond1026ou     37.39     .454 No_date    2:56   29.89
01704>            diverted <= 02:To807           19.16     .040 No_date    2:56   29.89
01705>            diverted <= 07:To809           18.22     .414 No_date    2:56   29.89
01706>            diverted <= 03:To1025           .00     .000 No_date    0:00     .00
01707>  006:0036----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01708>   * CALIB NASHYD       01:207             1.22     .064 No_date    1:30   15.32
01709>       [CN= 55.3: N= 3.00]
01710>       [Tp=  .13:DT= 5.00]
01711>  006:0037----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01712>      ADD HYD            01:207             1.22     .064 No_date    1:30   15.32
01713>                       + 02:To807           19.16     .040 No_date    2:56   29.89
01714>       [DT= 1.00]  SUM=  06:807           20.38     .102 No_date    1:30   29.02
01715>  006:0038----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01716>      ADD HYD            03:To1025           .00     .000 No_date    0:00     .00
01717>                       + 09:Node2        145.66    1.950 No_date    3:25   40.37
01718>       [DT= 1.00]  SUM=  01:1025          145.66    1.950 No_date    3:25   40.37
01719>  006:0039----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01720>      ADD HYD            07:To809           18.22     .414 No_date    2:56   29.89
01721>                       + 01:1025          145.66    1.950 No_date    3:25   40.37
01722>       [DT= 1.00]  SUM=  09:809           163.88    2.351 No_date    3:20   39.21
01723> #                                       FLOWS TO OUTLET B
01724>  006:0040----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01725>      ADD HYD            06:807             20.38     .102 No_date    1:30   29.02
01726>                       + 10:To806           12.11     .020 No_date    2:30   28.96
01727>       [DT= 1.00]  SUM=  01:806/outB        32.49     .122 No_date    1:30   29.00
01728> #                                       LINKSVIEW AND CONTRIBUTING AREAS
01729>  006:0041----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01730>      CALIB STANDHYD     05:3504            6.94     .915 No_date    1:22   36.63
01731>       [XIMP=.30:TIMP=.50]
01732>       [LOSS= 2 :CN= 59.0]
01733>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
01734>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 215.:MNI=.013:SCI=    .0]
01735>  006:0042----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01736>      CALIB STANDHYD     06:3500           38.20    4.125 No_date    1:26   34.91
01737>       [XIMP=.30:TIMP=.50]
01738>       [LOSS= 2 :CN= 54.9]
01739>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
01740>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 505.:MNI=.013:SCI=    .0]
01741>  006:0043----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01742>      ADD HYD            05:3504            6.94     .915 No_date    1:22   36.63
01743>                       + 06:3500           38.20    4.125 No_date    1:26   34.91
01744>       [DT= 1.00]  SUM=  07:Pondin          45.14    4.967 No_date    1:26   35.18
01745>  006:0044----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01746>      ROUTE RESERVOIR -> 07:Pondin         45.14    4.967 No_date    1:26   35.18
01747>       [RDT= 1.00] out<- 08:LinkPond       45.14     .632 No_date    2:54   35.18
01748>            overflow <= 06:OVF              .00     .000 No_date    0:00     .00
01749>       (MxStoUsed=.1116E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01750>  006:0045----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01751>      ADD HYD            08:LinkPond        45.14     .632 No_date    2:54   35.18
01752>                       + 06:OVF              .00     .000 No_date    0:00     .00
01753>       [DT= 1.00]  SUM=  04:Pondout         45.14     .632 No_date    2:54   35.18
01754> #                       FLOWS FROM TENTH LINE (URBANIZED)
01755>  006:0046----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01756>      CALIB STANDHYD     03:3601             .25     .081 No_date    1:20   48.34
01757>       [XIMP=.64:TIMP=.64]
01758>       [LOSS= 2 :CN= 49.0]
01759>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=    .0]
01760>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.013:SCI=    .0]
01761>  006:0047----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01762>      CALIB STANDHYD     05:3602            1.30     .326 No_date    1:22   48.34
01763>       [XIMP=.64:TIMP=.64]
01764>       [LOSS= 2 :CN= 49.0]
01765>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=    .0]
01766>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.013:SCI=    .0]
01767>  006:0048----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01768>      COMPUTE DUALHYD    05:3602            1.30     .326 No_date    1:22   48.34
01769>        Major System /   02:Majl0th           .09     .106 No_date    1:22   48.34
01770>        Minor System \   10:5yrflow          1.21     .220 No_date    1:19   48.34
01771> #                       FLOWS FROM BMGCC SOUTHERN PORTION
01772>  006:0049----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01773>      CALIB STANDHYD     05:3507           12.59    1.506 No_date    1:23   33.78
01774>       [XIMP=.30:TIMP=.50]
01775>       [LOSS= 2 :CN= 52.0]
01776>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
01777>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 290.:MNI=.013:SCI=    .0]
01778>  006:0050----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01779>      ROUTE RESERVOIR -> 05:3507           12.59    1.506 No_date    1:23   33.78
01780>       [RDT= 1.00] out<- 06:3507Pond       12.59     .198 No_date    2:39   33.78
01781>            overflow <= 07:3507OVF          .00     .000 No_date    0:00     .00
01782>       (MxStoUsed=.2849E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01783>  006:0051----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01784>      ADD HYD            04:Pondout         45.14     .632 No_date    2:54   35.18
01785>                       + 07:3507OVF          .00     .000 No_date    0:00     .00
01786>                       + 06:3507Pond       12.59     .198 No_date    2:39   33.78
01787>                       + 10:5yrflow         1.21     .220 No_date    1:19   48.34
01788>       [DT= 1.00]  SUM=  05:LinkPipe        58.94     .847 No_date    2:47   35.15
01789>  006:0052----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01790>      ADD HYD            05:LinkPipe        58.94     .847 No_date    2:47   35.15
01791>                       + 02:Majl0th          .09     .106 No_date    1:22   48.34
01792>                       + 03:3601             .25     .081 No_date    1:20   48.34
01793>                       + 09:809            163.88    2.351 No_date    3:20   39.21
01794>       [DT= 1.00]  SUM=  08:Node3          223.16    3.179 No_date    3:14   38.15
01795>  006:0053----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01796>      ADD HYD            01:806/outB        32.49     .122 No_date    1:30   29.00
01797>                       + 08:Node3          223.16    3.179 No_date    3:14   38.15
01798>       [DT= 1.00]  SUM=  02:Node4          255.66    3.246 No_date    3:13   36.99
01799>   ** END OF RUN :   6
01800>
01801> ************************************************************************
01802>
01803>
01804>
01805>
01806>
01807>  RUN:COMMAND#
01808>  007:0001----------------------------------------------------------------------
01809>      START
01810>       [TZERO =    .00 hrs on       0]
01811>       [METOUT=   2    (1=imperial, 2=metric output)]
01812>       [NSTORM=   1 ]
01813>       [NRUN  =   7 ]
01814> #*************************************************************************
01815> #  Project Name: [Linksview Ultimate]  Project Number: [183-2607]
01816> #  Date        : 2014 08 22
01817> #  Modified    :
01818> #  Modeller    : [A. French]
01819> #  Company     : C.F. Crozier & Associates Inc.
01820> #  License #   : 3737016
01821> #*************************************************************************
01822> #*************************************************************************
01823>  007:0002----------------------------------------------------------------------
01824>      READ STORM
01825>       Filename = STORM.001
01826>       Comment  =
01827>       [SDT= 5.00:SDUR=   4.00:PTOT=  78.22]
01828> #                       MAIR MILLS ESTATES AND CONTRIBUTING AREAS
01829>  007:0003----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01830>      CALIB STANDHYD     03:302             16.39    1.730 No_date    1:34   40.53
01831>       [XIMP=.20:TIMP=.40]
01832>       [LOSS= 2 :CN= 65.2]
01833>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
01834>       [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=    .0]
01835>  007:0004----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01836>      CALIB STANDHYD     01:303              2.34     .334 No_date    1:27   44.63
01837>       [XIMP=.25:TIMP=.50]
01838>       [LOSS= 2 :CN= 65.2]
01839>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
01840>       [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=    .0]
01841>  007:0005----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01842>      ADD HYD            01:303              2.34     .334 No_date    1:27   44.63
01843>                       + 03:302             16.39    1.730 No_date    1:34   40.53
01844>       [DT= 1.00]  SUM=  02:903             18.73    2.028 No_date    1:32   41.04
01845>  007:0006----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01846>      CALIB NASHYD       01:304              2.90     .188 No_date    1:40   26.72
01847>       [CN= 66.6: N= 3.00]
01848>       [Tp=  .28:DT= 5.00]
01849>  007:0007----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01850>      ADD HYD            11:304              2.90     .188 No_date    1:40   26.72
01851>                       + 02:903             18.73    2.028 No_date    1:32   41.04
01852>       [DT= 1.00]  SUM=  03:904             21.63    2.195 No_date    1:33   39.12
01853>  007:0008----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01854>      CALIB STANDHYD     01:305              .31     .035 No_date    1:20   35.88
01855>       [XIMP=.20:TIMP=.20]
01856>       [LOSS= 2 :CN= 65.2]
01857>       [Pervious     area: IAper= 5.00:SLPP= .50:LGP= 100.:MNP=.250:SCP=    .0]
01858>       [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=    .0]
01859>  007:0009----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01860>      ADD HYD            01:305              .31     .035 No_date    1:20   35.88
01861>                       + 03:904             21.63    2.195 No_date    1:33   39.12
01862>       [DT= 1.00]  SUM=  02:905             21.94    2.207 No_date    1:34   39.08
01863> #                       MAIR MILLS ESTATES SWMF
01864>  007:0010----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01865>      ROUTE RESERVOIR -> 02:905            21.94    2.207 No_date    1:34   39.08
01866>       [RDT= 1.00] out<- 03:502            21.94     .150 No_date    4:11   39.07
01867>            overflow <= 04:502OVF           .00     .000 No_date    0:00     .00
01868>       (MxStoUsed=.7099E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01869>  007:0011----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01870>      CALIB NASHYD       01:400              5.70     .108 No_date    2:20   14.53
01871>       [CN= 50.2: N= 3.00]
01872>       [Tp=  .70:DT= 5.00]
01873>  007:0012----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01874>      ADD HYD            01:400              5.70     .108 No_date    2:20   14.53
01875>                       + 03:502            21.94     .150 No_date    4:11   39.07
01876>                       + 04:502OVF           .00     .000 No_date    0:00     .00
01877>       [DT= 1.00]  SUM=  02:906             27.64     .258 No_date    2:20   34.01
01878> #       FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
01879>  007:0013----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01880>      DIVERT HYD       -> 02:906             27.64     .258 No_date    2:20   34.01
01881>            diverted <= 10:To806            10.77     .020 No_date    2:20   34.01
01882>            diverted <= 03:To1023            8.44     .119 No_date    2:20   34.01
01883>            diverted <= 01:To1022            8.44     .119 No_date    2:20   34.01
01884> #                       TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
01885>  007:0014----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01886>      CALIB STANDHYD     01:3501            66.62   11.449 No_date    1:32   56.54
01887>       [XIMP=.30:TIMP=.50]
01888>       [LOSS= 2 :CN= 81.5]
01889>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
01890>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 666.:MNI=.013:SCI=    .0]
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01891>  007:0015----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01892>      ROUTE RESERVOIR -> 01:3501          66.62   11.449 No_date    1:32   56.54
01893>        [RDT= 1.00] out<- 02:3501Pond     66.62    1.181 No_date    3:15   56.54
01894>              overflow <= 04:3501OVF        .00     .000 No_date    0:00     .00
01895>      (MxStoUsed=.2829E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01896>  007:0016----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01897>      CALIB STANDHYD     01:3502          28.70    5.199 No_date    1:29   55.60
01898>        [XIMP=.30:TIMP=.50]
01899>        [LOSS= 2 :CN= 80.3]
01900>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
01901>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 437.:MNI=.013:SCI=   .0]
01902>  007:0017----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01903>      ROUTE RESERVOIR -> 01:3502          28.70    5.199 No_date    1:29   55.60
01904>        [RDT= 1.00] out<- 05:3502Pond     28.70     .506 No_date    3:10   55.60
01905>              overflow <= 06:3502OVF        .00     .000 No_date    0:00     .00
01906>      (MxStoUsed=.1195E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01907>  007:0018----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01908>      CALIB NASHYD       01:3506          10.24     .299 No_date    2:15   21.18
01909>        [CN= 61.8: N= 3.00]
01910>        [Tp=  .66:DT= 5.00]
01911> #                                  FLOWS AT NODE 1
01912>  007:0019----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01913>      ADD HYD            02:3501Pond     66.62    1.181 No_date    3:15   56.54
01914>                       + 04:3501OVF        .00     .000 No_date    0:00     .00
01915>                       + 05:3502Pond     28.70     .506 No_date    3:10   55.60
01916>                       + 06:3502OVF        .00     .000 No_date    0:00     .00
01917>                       + 01:3506         10.24     .299 No_date    2:15   21.18
01918>        [DT= 1.00]  SUM=  07:Node1      105.56   1.898 No_date    2:48   52.85
01919>  007:0020----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01920>      ROUTE CHANNEL   -> 07:Node1      105.56   1.898 No_date    2:48   52.85
01921>        [RDT= 1.00] out<- 02:RC         105.56   1.810 No_date    3:34   52.85
01922>        [L/S/n= 1400./1.200/.030]
01923>        [Vmax=  .853:Dmax=  .750]
01924>  007:0021----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01925>      CALIB STANDHYD     01:3503          23.53    3.196 No_date    1:25   42.30
01926>        [XIMP=.30:TIMP=.50]
01927>        [LOSS= 2 :CN= 59.0]
01928>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
01929>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 396.:MNI=.013:SCI=   .0]
01930>  007:0022----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01931>      ROUTE RESERVOIR -> 01:3503          23.53    3.196 No_date    1:25   42.30
01932>        [RDT= 1.00] out<- 04:3503Pond     23.53     .419 No_date    2:49   42.30
01933>              overflow <= 05:3503OVF        .00     .000 No_date    0:00     .00
01934>      (MxStoUsed=.6840E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01935>  007:0023----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01936>      CALIB NASHYD       01:3505          16.57     .220 No_date    2:40   12.39
01937>        [CN= 44.2: N= 3.00]
01938>        [Tp=  .94:DT= 5.00]
01939> #                  FLOWS AT NODE 2 (UPSTREAM OF TENTH LINE)
01940>  007:0024----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01941>      ADD HYD            04:3503Pond     23.53     .419 No_date    2:49   42.30
01942>                       + 05:3503OVF        .00     .000 No_date    0:00     .00
01943>                       + 02:RC         105.56   1.810 No_date    3:34   52.85
01944>                       + 01:3505         16.57     .220 No_date    2:40   12.39
01945>        [DT= 1.00]  SUM=  09:Node2      145.66   2.392 No_date    3:19   46.54
01946> #                                  MAIR MILLS VILLAGE
01947>  007:0025----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01948>      CALIB NASHYD       01:103            8.70     .301 No_date    2:00   20.43
01949>        [CN= 59.2: N= 3.00]
01950>        [Tp=  .48:DT= 5.00]
01951>  007:0026----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01952>      ADD HYD            01:103            8.70     .301 No_date    2:00   20.43
01953>                       + 03:To1023         8.44     .119 No_date    2:20   34.01
01954>        [DT= 1.00]  SUM=  02:1023        17.14     .407 No_date    2:03   27.12
01955>  007:0027----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01956>      CALIB NASHYD       01:205            1.41     .062 No_date    1:35   16.02
01957>        [CN= 51.1: N= 3.00]
01958>        [Tp=  .20:DT= 5.00]
01959>  007:0028----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01960>      ADD HYD            01:205            1.41     .062 No_date    1:35   16.02
01961>                       + 02:1023        17.14     .407 No_date    2:03   27.12
01962>        [DT= 1.00]  SUM=  03:802         18.55     .440 No_date    2:00   26.27
01963>  007:0029----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01964>      CALIB STANDHYD     01:201           18.41    3.985 No_date    1:21   44.32
01965>        [XIMP=.43:TIMP=.56]
01966>        [LOSS= 2 :CN= 49.0]
01967>        [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
01968>        [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
01969>  007:0030----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01970>      ADD HYD            01:201           18.41    3.985 No_date    1:21   44.32
01971>                       + 03:802         18.55     .440 No_date    2:00   26.27
01972>        [DT= 1.00]  SUM=  02:803         36.96    4.047 No_date    1:21   35.26
01973>  007:0031----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01974>      CALIB NASHYD       01:202            1.10     .040 No_date    1:40   15.54
01975>        [CN= 55.0: N= 3.00]
01976>        [Tp=  .25:DT= 5.00]
01977>  007:0032----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01978>      ADD HYD            01:202            1.10     .040 No_date    1:40   15.54
01979>                       + 02:803         36.96    4.047 No_date    1:21   35.26
01980>        [DT= 1.00]  SUM=  03:804         38.06    4.057 No_date    1:21   34.69
01981> #                        MAIR MILLS VILLAGE SWMF
01982>  007:0033----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01983>      ROUTE RESERVOIR -> 03:804           38.06    4.057 No_date    1:21   34.69
01984>        [RDT= 1.00] out<- 02:1026         38.06     .575 No_date    2:48   34.69
01985>              overflow <= 01:1026OVF        .00     .000 No_date    0:00     .00
01986>      (MxStoUsed=.7076E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
01987>  007:0034----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01988>      ADD HYD            02:1026           38.06     .575 No_date    2:48   34.69
01989>                       + 01:1026OVF        .00     .000 No_date    0:00     .00
01990>        [DT= 1.00]  SUM=  05:Pond1026ou   38.06     .575 No_date    2:48   34.69
01991> #                TENTH LINE DITCH FLOW SPLIT (OUTLETS A & B)
01992>  007:0035----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01993>      DIVERT HYD      -> 05:Pond1026ou   38.06     .575 No_date    2:48   34.69
01994>                 diverted <= 02:To807     17.35     .040 No_date    2:48   34.69
01995>                 diverted <= 07:To809     20.71     .535 No_date    2:48   34.69
01996>                 diverted <= 03:To1025      .00     .000 No_date    0:00     .00
01997>  007:0036----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
01998>   * CALIB NASHYD       01:207            1.22     .078 No_date    1:30   18.79
01999>        [CN= 55.3: N= 3.00]
02000>        [Tp=  .13:DT= 5.00]
02001>  007:0037----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02002>      ADD HYD            01:207            1.22     .078 No_date    1:30   18.79
02003>                       + 02:To807       17.35     .040 No_date    2:48   34.69
02004>        [DT= 1.00]  SUM=  06:807         18.57     .118 No_date    1:30   33.65
02005>  007:0038----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02006>      ADD HYD            03:To1025          .00     .000 No_date    0:00     .00
02007>                       + 09:Node2      145.66   2.392 No_date    3:19   46.54
02008>        [DT= 1.00]  SUM=  01:1025       145.66   2.392 No_date    3:19   46.54
02009>  007:0039----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02010>      ADD HYD            07:To809         20.71     .535 No_date    2:48   34.69
02011>                       + 01:1025       145.66   2.392 No_date    3:19   46.54
02012>        [DT= 1.00]  SUM=  09:809        166.37   2.906 No_date    3:13   45.07
02013> #                              FLOWS TO OUTLET B
02014>  007:0040----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02015>      ADD HYD            06:807           18.57     .118 No_date    1:30   33.65
02016>                       + 10:To806        10.77     .020 No_date    2:20   34.01
02017>        [DT= 1.00]  SUM=  01:806/outB     29.34     .138 No_date    1:30   33.78
02018> #                        LINKSVIEW AND CONTRIBUTING AREAS
02019>  007:0041----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02020>      CALIB STANDHYD     05:3504           6.94    1.042 No_date    1:23   42.30
02021>        [XIMP=.30:TIMP=.50]
02022>        [LOSS= 2 :CN= 59.0]
02023>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02024>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 215.:MNI=.013:SCI=   .0]
02025>  007:0042----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02026>      CALIB STANDHYD     06:3500          38.20    4.717 No_date    1:26   40.30
02027>        [XIMP=.30:TIMP=.50]
02028>        [LOSS= 2 :CN= 54.9]
02029>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02030>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 505.:MNI=.013:SCI=   .0]
02031>  007:0043----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02032>      ADD HYD            05:3504           6.94    1.042 No_date    1:23   42.30
02033>                       + 06:3500        38.20    4.717 No_date    1:26   40.30
02034>        [DT= 1.00]  SUM=  07:Pondin       45.14    5.692 No_date    1:26   40.61
02035>  007:0044----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02036>      ROUTE RESERVOIR -> 07:Pondin        45.14    5.692 No_date    1:26   40.61
02037>        [RDT= 1.00] out<- 08:LinkPond     45.14     .772 No_date    2:50   40.61
02038>              overflow <= 06:OVF            .00     .000 No_date    0:00     .00
02039>      (MxStoUsed=.1259E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
02040>  007:0045----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02041>      ADD HYD            08:LinkPond       45.14     .772 No_date    2:50   40.61
02042>                       + 06:OVF            .00     .000 No_date    0:00     .00
02043>        [DT= 1.00]  SUM=  04:Pondout       45.14     .772 No_date    2:50   40.61
02044> #                        FLOWS FROM TENTH LINE (URBANIZED)
02045>  007:0046----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02046>      CALIB STANDHYD     03:3601            .25     .090 No_date    1:20   54.50
02047>        [XIMP=.64:TIMP=.64]
02048>        [LOSS= 2 :CN= 49.0]
02049>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
02050>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.013:SCI=   .0]
02051>  007:0047----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02052>      CALIB STANDHYD     05:3602            1.30     .361 No_date    1:22   54.50
02053>        [XIMP=.64:TIMP=.64]
02054>        [LOSS= 2 :CN= 49.0]
02055>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
02056>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.013:SCI=   .0]
02057>  007:0048----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02058>      COMPUTE DUALHYD    05:3602            1.30     .361 No_date    1:22   54.50
02059>         Major System /  02:Maj10th          .12     .141 No_date    1:22   54.50
02060>         Minor System \  10:5yrflow          1.18     .220 No_date    1:18   54.50
02061> #                        FLOWS FROM BMGCC SOUTHERN PORTION
02062>  007:0049----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02063>      CALIB STANDHYD     05:3507           12.59    1.706 No_date    1:24   38.98
02064>        [XIMP=.30:TIMP=.50]
02065>        [LOSS= 2 :CN= 52.0]
02066>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02067>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 290.:MNI=.013:SCI=   .0]
02068>  007:0050----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02069>      ROUTE RESERVOIR -> 05:3507          12.59    1.706 No_date    1:24   38.98
02070>        [RDT= 1.00] out<- 06:3507Pond     12.59     .240 No_date    2:36   38.97
02071>              overflow <= 07:3507OVF        .00     .000 No_date    0:00     .00
02072>      (MxStoUsed=.3215E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
02073>  007:0051----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02074>      ADD HYD            04:Pondout        45.14     .772 No_date    2:50   40.61
02075>                       + 07:3507OVF        .00     .000 No_date    0:00     .00
02076>                       + 06:3507Pond     12.59     .240 No_date    2:36   38.97
02077>                       + 10:5yrflow        1.18     .220 No_date    1:18   54.50
02078>        [DT= 1.00]  SUM=  05:LinkPipe     58.91    1.033 No_date    2:43   40.54
02079>  007:0052----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02080>      ADD HYD            05:LinkPipe       58.91    1.033 No_date    2:43   40.54
02081>                       + 02:Maj10th          .12     .141 No_date    1:22   54.50
02082>                       + 03:3601             .25     .090 No_date    1:20   54.50
02083>                       + 09:809          166.37   2.906 No_date    3:13   45.07
02084>        [DT= 1.00]  SUM=  08:Node3      225.65   3.919 No_date    3:08   43.90
02085>  007:0053----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02086>      ADD HYD            01:806/outB       29.34     .138 No_date    1:30   33.78
02087>                       + 08:Node3      225.65   3.919 No_date    3:08   43.90
02088>        [DT= 1.00]  SUM=  02:Node4      254.99   3.988 No_date    3:07   42.74
02089>   ** END OF RUN :   7
02090>
02091> ************************************************************************
02092>
02093>
02094>
02095>
02096>
02097>  RUN:COMMAND#
02098>  008:0001----------------------------------------------------------------
02099>      START
02100>        [TZERO =    .00 hrs on        0]
02101>        [METOUT=   2    (1=imperial, 2=metric output)]
02102>        [NSTORM=   1 ]
02103>        [NRUN  =   8 ]
02104> #************************************************************************
02105> #  Project Name: [Linksview Ultimate]  Project Number: [183-2687]
02106> #  Date       : 2014 08 22
02107> #  Modified   :
02108> #  Modeller   : [A. French]
02109> #  Company    : C.F. Crozier & Associates Inc.
02110> #  License #  : 3737016
02111> #************************************************************************
02112> #************************************************************************
02113>  008:0002----------------------------------------------------------------
02114>      READ STORM
02115>        Filename = STORM.001
02116>        Comment  =
02117>        [SDT= 1.00:SDUR=  24.00:PTOT=  45.60]
02118> #                MAIR MILLS ESTATES AND CONTRIBUTING AREAS
02119>  008:0003----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02120>      CALIB STANDHYD     03:302           16.39     .446 No_date   12:22   18.58
02121>        [XIMP=.20:TIMP=.40]
02122>        [LOSS= 2 :CN= 65.2]
02123>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02124>        [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=   .0]
02125>  008:0004----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02126>      CALIB STANDHYD     01:303            2.34     .093 No_date   12:16   21.13
02127>        [XIMP=.25:TIMP=.50]
02128>        [LOSS= 2 :CN= 65.2]
02129>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02130>        [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=   .0]
02131>  008:0005----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02132>      ADD HYD            01:303            2.34     .093 No_date   12:16   21.13
02133>                       + 03:302          16.39     .446 No_date   12:22   18.58
02134>        [DT= 1.00]  SUM=  02:903          18.73     .527 No_date   12:21   18.90
02135>  008:0006----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02136>      CALIB NASHYD       01:304            2.90     .052 No_date   12:20    9.81
02137>        [CN= 66.6: N= 3.00]
02138>        [Tp=  .28:DT= 5.00]
02139>  008:0007----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02140>      ADD HYD            01:304            2.90     .052 No_date   12:20    9.81
02141>                       + 02:903          18.73     .527 No_date   12:21   18.90
02142>        [DT= 1.00]  SUM=  03:904          21.63     .579 No_date   12:20   17.68
02143>  008:0008----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02144>      CALIB STANDHYD     01:305             .31     .009 No_date   12:12   16.31
02145>        [XIMP=.20:TIMP=.20]
02146>        [LOSS= 2 :CN= 65.2]
02147>        [Pervious     area: IAper= 5.00:SLPP=  .50:LGP= 100.:MNP=.250:SCP=   .0]
02148>        [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
02149>  008:0009----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02150>      ADD HYD            01:305             .31     .009 No_date   12:12   16.31
02151>                       + 03:904          21.63     .579 No_date   12:20   17.68
02152>        [DT= 1.00]  SUM=  02:905          21.94     .581 No_date   12:21   17.66
02153> #                        MAIR MILLS ESTATES SWMF
02154>  008:0010----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02155>      ROUTE RESERVOIR -> 02:905           21.94     .581 No_date   12:21   17.66
02156>        [RDT= 1.00] out<- 03:502          21.94     .037 No_date   17:10   17.66
02157>              overflow <= 04:502OVF         .00     .000 No_date    0:00     .00
02158>      (MxStoUsed=.2663E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
02159>  008:0011----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02160>      CALIB NASHYD       01:400            5.70     .023 No_date   12:55    4.41
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2 yr SCS

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02161>       [CN= 50.2: N= 3.00]
02162>       [Tp=  .70:DT= 5.00]
02163>  008:0012----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02164>       ADD HYD            01:400            5.70     .023 No_date   12:55    4.41
02165>                      +  03:502           21.94     .037 No_date   17:10   17.66
02166>                      +  04:502OVF          .00     .000 No_date    0:00     .00
02167>       [DT= 1.00]  SUM=  02:906           27.64     .041 No_date   15:22   14.93
02168> #        FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
02169>  008:0013----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02170>       DIVERT HYD       -> 02:906           27.64     .041 No_date   15:22   14.93
02171>                 diverted <= 10:To806       22.82     .020 No_date   15:22   14.93
02172>                 diverted <= 03:To1023       2.41     .010 No_date   15:22   14.93
02173>                 diverted <= 01:To1022       2.41     .010 No_date   15:22   14.93
02174> #                 TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
02175>  008:0014----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02176>       CALIB STANDHYD     01:3501           66.62    3.113 No_date   12:21   27.94
02177>        [XIMP=.30:TIMP=.50]
02178>        [LOSS= 2 :CN= 81.5]
02179>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02180>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 666.:MNI=.013:SCI=   .0]
02181>  008:0015----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02182>       ROUTE RESERVOIR -> 01:3501           66.62    3.113 No_date   12:21   27.94
02183>        [RDT= 1.00] out<- 02:3501Pond       66.62     .161 No_date   17:11   27.94
02184>                overflow <= 04:3501OVF        .00     .000 No_date    0:00     .00
02185>       [MxStoUsed=.1296E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=   0.hrs
02186>  008:0016----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02187>       CALIB STANDHYD     01:3502           28.70    1.444 No_date   12:18   27.37
02188>        [XIMP=.30:TIMP=.50]
02189>        [LOSS= 2 :CN= 80.3]
02190>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02191>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 437.:MNI=.013:SCI=   .0]
02192>  008:0017----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02193>       ROUTE RESERVOIR -> 01:3502           28.70    1.444 No_date   12:18   27.37
02194>        [RDT= 1.00] out<- 05:3502Pond       28.70     .067 No_date   17:09   27.37
02195>                overflow <= 06:3502OVF        .00     .000 No_date    0:00     .00
02196>       [MxStoUsed=.5457E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=   0.hrs
02197>  008:0018----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02198>       CALIB NASHYD       01:3506           10.24     .069 No_date   12:50    6.92
02199>        [CN= 61.8: N= 3.00]
02200>        [Tp=  .66:DT= 5.00]
02201> #                                   FLOWS AT NODE 1
02202>  008:0019----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02203>       ADD HYD            02:3501Pond       66.62     .161 No_date   17:11   27.94
02204>                      +  04:3501OVF          .00     .000 No_date    0:00     .00
02205>                      +  05:3502Pond       28.70     .067 No_date   17:09   27.37
02206>                      +  06:3502OVF          .00     .000 No_date    0:00     .00
02207>                      +  01:3506           10.24     .069 No_date   12:50    6.92
02208>       [DT= 1.00]  SUM=  07:Node1          105.56     .245 No_date   13:05   25.74
02209>  008:0020----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02210>       ROUTE CHANNEL   -> 07:Node1         105.56     .245 No_date   13:05   25.74
02211>        [RDT= 1.00] out<- 02:RC            105.56     .237 No_date   17:16   25.74
02212>        [L/S/n= 1400./1.200/.030]
02213>        [Vmax= 1.092:Dmax=  .467]
02214>  008:0021----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02215>       CALIB STANDHYD     01:3503           23.53     .916 No_date   12:16   20.44
02216>        [XIMP=.30:TIMP=.50]
02217>        [LOSS= 2 :CN= 59.0]
02218>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02219>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 396.:MNI=.013:SCI=   .0]
02220>  008:0022----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02221>       ROUTE RESERVOIR -> 01:3503           23.53     .916 No_date   12:16   20.44
02222>        [RDT= 1.00] out<- 04:3503Pond       23.53     .055 No_date   15:08   20.43
02223>                overflow <= 05:3503OVF        .00     .000 No_date    0:00     .00
02224>       [MxStoUsed=.3100E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=   0.hrs
02225>  008:0023----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02226>       CALIB NASHYD       01:3505           16.57     .046 No_date   13:10    3.81
02227>        [CN= 44.2: N= 3.00]
02228>        [Tp=  .94:DT= 5.00]
02229> #                   FLOWS AT NODE 2 (UPSTREAM OF TENTH LINE)
02230>  008:0024----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02231>       ADD HYD            04:3503Pond       23.53     .055 No_date   15:08   20.43
02232>                      +  05:3503OVF          .00     .000 No_date    0:00     .00
02233>                      +  02:RC            105.56     .237 No_date   17:16   25.74
02234>                      +  01:3505           16.57     .046 No_date   13:10    3.81
02235>       [DT= 1.00]  SUM=  09:Node2         145.66     .328 No_date   13:26   22.39
02236> #                                  MAIR MILLS VILLAGE
02237>  008:0025----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02238>       CALIB NASHYD       01:103             8.70     .075 No_date   12:35    6.87
02239>        [CN= 59.2: N= 3.00]
02240>        [Tp=  .48:DT= 5.00]
02241>  008:0026----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02242>       ADD HYD            01:103             8.70     .075 No_date   12:35    6.87
02243>                      +  03:To1023          2.41     .010 No_date   15:22   14.93
02244>       [DT= 1.00]  SUM=  02:1023           11.11     .081 No_date   12:40    8.61
02245>  008:0027----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02246>       CALIB NASHYD       01:205             1.41     .016 No_date   12:20    5.21
02247>        [CN= 51.1: N= 3.00]
02248>        [Tp=  .20:DT= 5.00]
02249>  008:0028----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02250>       ADD HYD            01:205             1.41     .016 No_date   12:20    5.21
02251>                      +  02:1023           11.11     .081 No_date   12:40    8.61
02252>       [DT= 1.00]  SUM=  03:802            12.52     .089 No_date   12:35    8.23
02253>  008:0029----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02254>       CALIB STANDHYD     01:201            18.41    1.132 No_date   12:12   23.08
02255>        [XIMP=.43:TIMP=.56]
02256>        [LOSS= 2 :CN= 49.0]
02257>        [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
02258>        [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
02259>  008:0030----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02260>       ADD HYD            01:201            18.41    1.132 No_date   12:12   23.08
02261>                      +  03:802            12.52     .089 No_date   12:35    8.23
02262>       [DT= 1.00]  SUM=  02:803            30.93    1.180 No_date   12:12   17.07
02263>  008:0031----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02264>       CALIB NASHYD       01:202             1.10     .008 No_date   12:20    4.39
02265>        [CN= 55.0: N= 3.00]
02266>        [Tp=  .25:DT= 5.00]
02267>  008:0032----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02268>       ADD HYD            01:202             1.10     .008 No_date   12:20    4.39
02269>                      +  02:803            30.93    1.180 No_date   12:12   17.07
02270>       [DT= 1.00]  SUM=  03:804            32.03    1.186 No_date   12:13   16.64
02271> #                        MAIR MILLS VILLAGE SWMF
02272>  008:0033----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02273>       ROUTE RESERVOIR -> 03:804            32.03    1.186 No_date   12:13   16.64
02274>        [RDT= 1.00] out<- 02:1026           32.03     .039 No_date   18:09   16.63
02275>                overflow <= 01:1026OVF        .00     .000 No_date    0:00     .00
02276>       [MxStoUsed=.3678E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=   0.hrs
02277>  008:0034----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02278>       ADD HYD            02:1026           32.03     .039 No_date   18:09   16.63
02279>                      +  01:1026OVF          .00     .000 No_date    0:00     .00
02280>       [DT= 1.00]  SUM=  05:Pond1026ou     32.03     .039 No_date   18:09   16.63
02281> #                  TENTH LINE DITCH FLOW SPLIT (OUTLETS A & B)
02282>  008:0035----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02283>       DIVERT HYD       -> 05:Pond1026ou     32.03     .039 No_date   18:09   16.63
02284>                 diverted <= 02:To807       32.03     .039 No_date   18:09   16.63
02285>                 diverted <= 07:To809          .00     .000 No_date    0:00     .00
02286>                 diverted <= 03:To1025         .00     .000 No_date    0:00     .00
02287>  008:0036----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02288>   * CALIB NASHYD         01:207             1.22     .021 No_date   12:15    6.40
02289>        [CN= 55.3: N= 3.00]
02290>        [Tp=  .13:DT= 5.00]
02291>  008:0037----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02292>       ADD HYD            01:207             1.22     .021 No_date   12:15    6.40
02293>                      +  02:To807           32.03     .039 No_date   18:09   16.63
02294>       [DT= 1.00]  SUM=  06:807            33.25     .043 No_date   12:15   16.26
02295>  008:0038----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02296>       ADD HYD            03:To1025          .00     .000 No_date    0:00     .00
02297>                      +  09:Node2         145.66     .328 No_date   13:26   22.39
02298>       [DT= 1.00]  SUM=  01:1025           145.66     .328 No_date   13:26   22.39
02299>  008:0039----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02300>       ADD HYD            07:To809           .00     .000 No_date    0:00     .00
02301>                      +  01:1025          145.66     .328 No_date   13:26   22.39
02302>       [DT= 1.00]  SUM=  09:809            145.66     .328 No_date   13:26   22.39
02303> #                                  FLOWS TO OUTLET B
02304>  008:0040----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02305>       ADD HYD            06:807            33.25     .043 No_date   12:15   16.26
02306>                      +  10:To806           22.82     .020 No_date   15:22   14.93
02307>       [DT= 1.00]  SUM=  01:806/outB        56.07     .061 No_date   12:19   15.72
02308> #                        LINKSVIEW AND CONTRIBUTING AREAS
02309>  008:0041----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02310>       CALIB STANDHYD     05:3504            6.94     .304 No_date   12:14   20.44
02311>        [XIMP=.30:TIMP=.50]
02312>        [LOSS= 2 :CN= 59.0]
02313>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02314>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 215.:MNI=.013:SCI=   .0]
02315>  008:0042----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02316>       CALIB STANDHYD     06:3500           38.20    1.357 No_date   12:17   19.55
02317>        [XIMP=.30:TIMP=.50]
02318>        [LOSS= 2 :CN= 54.9]
02319>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02320>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 505.:MNI=.013:SCI=   .0]
02321>  008:0043----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02322>       ADD HYD            05:3504            6.94     .304 No_date   12:14   20.44
02323>                      +  06:3500           38.20    1.357 No_date   12:17   19.55
02324>       [DT= 1.00]  SUM=  07:Pondin          45.14    1.643 No_date   12:16   19.69
02325>  008:0044----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02326>       ROUTE RESERVOIR -> 07:Pondin         45.14    1.643 No_date   12:16   19.69
02327>        [RDT= 1.00] out<- 08:LinkPond       45.14     .097 No_date   15:19   19.69
02328>                overflow <= 06:OVF            .00     .000 No_date    0:00     .00
02329>       [MxStoUsed=.5703E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=   0.hrs
02330>  008:0045----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02331>       ADD HYD            08:LinkPond       45.14     .097 No_date   15:19   19.69
02332>                      +  06:OVF             .00     .000 No_date    0:00     .00
02333>       [DT= 1.00]  SUM=  04:Pondout         45.14     .097 No_date   15:19   19.69
02334> #                   FLOWS FROM TENTH LINE (URBANIZED)
02335>  008:0046----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02336>       CALIB STANDHYD     03:3601             .25     .024 No_date   12:12   29.85
02337>        [XIMP=.64:TIMP=.64]
02338>        [LOSS= 2 :CN= 49.0]
02339>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
02340>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.013:SCI=   .0]
02341>  008:0047----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02342>       CALIB STANDHYD     05:3602            1.30     .104 No_date   12:14   29.85
02343>        [XIMP=.64:TIMP=.64]
02344>        [LOSS= 2 :CN= 49.0]
02345>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
02346>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.013:SCI=   .0]
02347>  008:0048----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02348>       COMPUTE DUALHYD    05:3602            1.30     .104 No_date   12:14   29.85
02349>          Major System /  02:Maj10th          .00     .000 No_date    0:00     .00
02350>          Minor System \  10:5yrflow         1.30     .104 No_date   12:14   29.85
02351> #                   FLOWS FROM BMGCC SOUTHERN PORTION
02352>  008:0049----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02353>       CALIB STANDHYD     05:3507           12.59     .495 No_date   12:15   18.98
02354>        [XIMP=.30:TIMP=.50]
02355>        [LOSS= 2 :CN= 52.0]
02356>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02357>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 290.:MNI=.013:SCI=   .0]
02358>  008:0050----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02359>       ROUTE RESERVOIR -> 05:3507           12.59     .495 No_date   12:15   18.98
02360>        [RDT= 1.00] out<- 06:3507Pond       12.59     .037 No_date   14:23   18.98
02361>                overflow <= 07:3507OVF        .00     .000 No_date    0:00     .00
02362>       [MxStoUsed=.1442E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=   0.hrs
02363>  008:0051----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02364>       ADD HYD            04:Pondout        45.14     .097 No_date   15:19   19.69
02365>                      +  07:3507OVF          .00     .000 No_date    0:00     .00
02366>                      +  06:3507Pond       12.59     .037 No_date   14:23   18.98
02367>                      +  10:5yrflow         1.30     .104 No_date   12:14   29.85
02368>       [DT= 1.00]  SUM=  05:LinkPipe        59.03     .185 No_date   12:14   19.76
02369>  008:0052----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02370>       ADD HYD            05:LinkPipe       59.03     .185 No_date   12:14   19.76
02371>                      +  02:Maj10th          .00     .000 No_date    0:00     .00
02372>                      +  03:3601             .25     .024 No_date   12:12   29.85
02373>                      +  09:809            145.66     .328 No_date   13:26   22.39
02374>       [DT= 1.00]  SUM=  08:Node3         204.94     .461 No_date   13:34   21.64
02375>  008:0053----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02376>       ADD HYD            01:806/outB       56.07     .061 No_date   12:19   15.72
02377>                      +  08:Node3         204.94     .461 No_date   13:34   21.64
02378>       [DT= 1.00]  SUM=  02:Node4         261.01     .518 No_date   13:35   20.37
02379>   ** END OF RUN :   8
02380>
02381> ************************************************************************************
02382>
02383>
02384>
02385>
02386>
02387>  RUN:COMMAND#
02388>  009:0001----------------------------------------------------------------------------
02389>       START
02390>       [ZERO =    .00 hrs on        0]
02391>       [METOUT=   2    (1=imperial, 2=metric output)]
02392>       [NSTORM=   1 ]
02393>       [NRUN  =   9 ]
02394> #*********************************************************************************
02395> #  Project Name: [Linksview Ultimate]  Project Number: [183-2687]
02396> #  Date        : 2014 08 22
02397> #  Modified    :
02398> #  Modeller    : [A. French]
02399> #  Company     : C.F. Crozier & Associates Inc.
02400> #  License #   : 37370l6
02401> #*********************************************************************************
02402> #*********************************************************************************
02403>  009:0002----------------------------------------------------------------------------
02404>       READ STORM
02405>        Filename = STORM.001
02406>        Comment  =
02407>       [SDT= 1.00:SDUR=  24.00:PTOT=  62.40]
02408> #                  MAIR MILLS ESTATES AND CONTRIBUTING AREAS
02409>  009:0003----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02410>       CALIB STANDHYD     03:302            16.39     .787 No_date   12:21   29.34
02411>        [XIMP=.20:TIMP=.40]
02412>        [LOSS= 2 :CN= 65.2]
02413>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02414>        [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=   .0]
02415>  009:0004----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02416>       CALIB STANDHYD     01:303             2.34     .158 No_date   12:15   32.73
02417>        [XIMP=.25:TIMP=.50]
02418>        [LOSS= 2 :CN= 65.2]
02419>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02420>        [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=   .0]
02421>  009:0005----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02422>       ADD HYD            01:303             2.34     .158 No_date   12:15   32.73
02423>                      +  03:302            16.39     .787 No_date   12:21   29.34
02424>       [DT= 1.00]  SUM=  02:903            18.73     .927 No_date   12:20   29.77
02425>  009:0006----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02426>       CALIB NASHYD       01:304             2.90     .097 No_date   12:20   17.83
02427>        [CN= 66.6: N= 3.00]
02428>        [Tp=  .28:DT= 5.00]
02429>  009:0007----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02430>       ADD HYD            01:304             2.90     .097 No_date   12:20   17.83
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5yr SCS

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                    +  02:903            18.73     .927 No_date   12:20   29.77
      [DT= 1.00]  SUM=  03:904            21.63    1.024 No_date   12:20   28.17
009:0008----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD      01:305              .31     .013 No_date   12:12   25.84
       [XIMP=.20:TIMP=.20]
       [LOSS= 2 :CN= 65.2]
       [Pervious     area: IAper= 5.00:SLPP= .50:LGP= 100.:MNP=.250:SCP=   .0]
       [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
009:0009----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             01:305              .31     .013 No_date   12:12   25.84
                       +  03:904            21.63    1.024 No_date   12:20   28.17
      [DT= 1.00]  SUM=  02:905            21.94    1.028 No_date   12:20   28.13
#                          MAIR MILLS ESTATES SWMF
009:0010----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE RESERVOIR -> 02:905            21.94    1.028 No_date   12:20   28.13
       [RDT= 1.00] out<- 03:502           21.94     .095 No_date   14:36   28.13
              overflow <= 04:502OVF         .00     .000 No_date    0:00     .00
       [MxStoUsed=.3841E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
009:0011----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD        01:400             5.70     .049 No_date   12:50    9.02
       [CN= 50.2: N= 3.00]
       [Tp=  .70:DT= 5.00]
009:0012----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             01:400             5.70     .049 No_date   12:50    9.02
                       +  03:502           21.94     .095 No_date   14:36   28.13
                       +  04:502OVF          .00     .000 No_date    0:00     .00
      [DT= 1.00]  SUM=  02:906            27.64     .124 No_date   13:20   24.19
#       FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
009:0013----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     DIVERT HYD      -> 02:906            27.64     .124 No_date   13:20   24.19
              diverted <= 10:To806        15.26     .020 No_date   13:20   24.19
              diverted <= 03:To1023        6.19     .052 No_date   13:20   24.19
              diverted <= 01:To1022        6.19     .052 No_date   13:20   24.19
#                  TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
009:0014----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD      01:3501            66.62    5.191 No_date   12:20   42.34
       [XIMP=.30:TIMP=.50]
       [LOSS= 2 :CN= 81.5]
       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 666.:MNI=.013:SCI=   .0]
009:0015----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE RESERVOIR -> 01:3501            66.62    5.191 No_date   12:20   42.34
       [RDT= 1.00] out<- 02:3501Pond       66.62     .484 No_date   14:21   42.34
              overflow <= 04:3501OVF         .00     .000 No_date    0:00     .00
       [MxStoUsed=.1778E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
009:0016----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD      01:3502            28.70    2.412 No_date   12:18   41.56
       [XIMP=.30:TIMP=.50]
       [LOSS= 2 :CN= 80.3]
       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 437.:MNI=.013:SCI=   .0]
009:0017----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE RESERVOIR -> 01:3502            28.70    2.412 No_date   12:18   41.56
       [RDT= 1.00] out<- 05:3502Pond       28.70     .205 No_date   14:18   41.56
              overflow <= 06:3502OVF         .00     .000 No_date    0:00     .00
       [MxStoUsed=.7484E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
009:0018----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD        01:3506            10.24     .142 No_date   12:50   13.55
       [CN= 61.8: N= 3.00]
       [Tp=  .66:DT= 5.00]
#                                  FLOWS AT NODE 1
009:0019----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             02:3501Pond        66.62     .484 No_date   14:21   42.34
                       +  04:3501OVF         .00     .000 No_date    0:00     .00
                       +  05:3502Pond       28.70     .205 No_date   14:18   41.56
                       +  06:3502OVF         .00     .000 No_date    0:00     .00
                       +  01:3506           10.24     .142 No_date   12:50   13.55
      [DT= 1.00]  SUM=  07:Node1           105.56     .755 No_date   13:33   39.34
009:0020----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE CHANNEL   -> 07:Node1           105.56     .755 No_date   13:33   39.34
       [RDT= 1.00] out<- 02:RC             105.56     .730 No_date   14:30   39.34
       [L/S/n= 1400./1.200/.030]
       [Vmax=   .915:Dmax=   .626]
009:0021----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD      01:3503            23.53    1.476 No_date   12:15   31.22
       [XIMP=.30:TIMP=.50]
       [LOSS= 2 :CN= 59.0]
       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 396.:MNI=.013:SCI=   .0]
009:0022----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE RESERVOIR -> 01:3503            23.53    1.476 No_date   12:15   31.22
       [RDT= 1.00] out<- 04:3503Pond       23.53     .169 No_date   13:34   31.22
              overflow <= 05:3503OVF         .00     .000 No_date    0:00     .00
       [MxStoUsed=.4246E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
009:0023----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD        01:3505            16.57     .098 No_date   13:10    7.70
       [CN= 44.2: N= 3.00]
       [Tp=  .94:DT= 5.00]
#                  FLOWS AT NODE 2 (UPSTREAM OF TENTH LINE)
009:0024----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             04:3503Pond        23.53     .169 No_date   13:34   31.22
                       +  05:3503OVF         .00     .000 No_date    0:00     .00
                       +  02:RC            105.56     .730 No_date   14:30   39.34
                       +  01:3505           16.57     .098 No_date   13:10    7.70
      [DT= 1.00]  SUM=  09:Node2           145.66     .954 No_date   14:08   34.43
#                                 MAIR MILLS VILLAGE
009:0025----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD        01:103              8.70     .148 No_date   12:35   13.18
       [CN= 59.2: N= 3.00]
       [Tp=  .48:DT= 5.00]
009:0026----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             01:103              8.70     .148 No_date   12:35   13.18
                       +  03:To1023          6.19     .052 No_date   13:20   24.19
      [DT= 1.00]  SUM=  02:1023            14.89     .181 No_date   12:40   17.76
009:0027----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD        01:205              1.41     .031 No_date   12:15   10.18
       [CN= 51.1: N= 3.00]
       [Tp=  .20:DT= 5.00]
009:0028----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             01:205              1.41     .031 No_date   12:15   10.18
                       +  02:1023           14.89     .181 No_date   12:40   17.76
      [DT= 1.00]  SUM=  03:802             16.30     .194 No_date   12:40   17.10
009:0029----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD      01:201             18.41    1.694 No_date   12:12   33.67
       [XIMP=.43:TIMP=.56]
       [LOSS= 2 :CN= 49.0]
       [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
       [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
009:0030----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             01:201             18.41    1.694 No_date   12:12   33.67
                       +  03:802             16.30     .194 No_date   12:40   17.10
      [DT= 1.00]  SUM=  02:803             34.71    1.798 No_date   12:12   25.89
009:0031----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD        01:202              1.10     .020 No_date   12:20    9.45
       [CN= 55.0: N= 3.00]
       [Tp=  .25:DT= 5.00]
009:0032----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             01:202              1.10     .020 No_date   12:20    9.45
                       +  02:803            34.71    1.798 No_date   12:12   25.89
      [DT= 1.00]  SUM=  03:804             35.81    1.813 No_date   12:12   25.38
#                                 MAIR MILLS VILLAGE SWMF
009:0033----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE RESERVOIR -> 03:804            35.81    1.813 No_date   12:12   25.38
       [RDT= 1.00] out<- 02:1026          35.81     .177 No_date   14:15   25.38
              overflow <= 01:1026OVF         .00     .000 No_date    0:00     .00
       [MxStoUsed=.4914E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
009:0034----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             02:1026            35.81     .177 No_date   14:15   25.38
                       +  01:1026OVF         .00     .000 No_date    0:00     .00
      [DT= 1.00]  SUM=  05:Pond1026ou      35.81     .177 No_date   14:15   25.38
#                    TENTH LINE DITCH FLOW SPLIT (OUTLETS A & B)
009:0035----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     DIVERT HYD      -> 05:Pond1026ou     35.81     .177 No_date   14:15   25.38
              diverted <= 02:To807        24.66     .040 No_date   14:15   25.38
              diverted <= 07:To809        11.15     .137 No_date   14:15   25.38
              diverted <= 03:To1025         .00     .000 No_date    0:00     .00
009:0036----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
   * CALIB NASHYD        01:207              1.22     .041 No_date   12:15   12.15
       [CN= 55.3: N= 3.00]
       [Tp=  .13:DT= 5.00]
009:0037----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             01:207              1.22     .041 No_date   12:15   12.15
                       +  02:To807         24.66     .040 No_date   14:15   25.38
      [DT= 1.00]  SUM=  06:807             25.88     .074 No_date   12:15   24.76
009:0038----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             03:To1025           .00     .000 No_date    0:00     .00
                       +  09:Node2         145.66     .954 No_date   14:08   34.43
      [DT= 1.00]  SUM=  01:1025            145.66     .954 No_date   14:08   34.43
009:0039----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             07:To809            11.15     .137 No_date   14:15   25.38
                       +  01:1025           145.66     .954 No_date   14:08   34.43
      [DT= 1.00]  SUM=  09:809             156.81    1.091 No_date   14:09   33.78
#                                FLOWS TO OUTLET B
009:0040----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             06:807              25.88     .074 No_date   12:15   24.76
                       +  10:To806           15.26     .020 No_date   13:20   24.19
      [DT= 1.00]  SUM=  01:806/outB          41.15     .094 No_date   12:15   24.55
#                  LINKSVIEW AND CONTRIBUTING AREAS
009:0041----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD      05:3504             6.94     .479 No_date   12:14   31.22
       [XIMP=.30:TIMP=.50]
       [LOSS= 2 :CN= 59.0]
       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 215.:MNI=.013:SCI=   .0]
009:0042----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD      06:3500            38.20    2.164 No_date   12:17   29.77
       [XIMP=.30:TIMP=.50]
       [LOSS= 2 :CN= 54.9]
       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 505.:MNI=.013:SCI=   .0]
009:0043----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             05:3504             6.94     .479 No_date   12:14   31.22
                       +  06:3500            38.20    2.164 No_date   12:17   29.77
      [DT= 1.00]  SUM=  07:Pondin            45.14    2.616 No_date   12:16   30.00
009:0044----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE RESERVOIR -> 07:Pondin           45.14    2.616 No_date   12:16   30.00
       [RDT= 1.00] out<- 08:LinkPond        45.14     .304 No_date   13:38   30.00
              overflow <= 06:OVF             .00     .000 No_date    0:00     .00
       [MxStoUsed=.7831E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
009:0045----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             08:LinkPond        45.14     .304 No_date   13:38   30.00
                       +  06:OVF             .00     .000 No_date    0:00     .00
      [DT= 1.00]  SUM=  04:Pondout           45.14     .304 No_date   13:38   30.00
#                  FLOWS FROM TENTH LINE (URBANIZED)
009:0046----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD      03:3601              .25     .034 No_date   12:12   42.34
       [XIMP=.64:TIMP=.64]
       [LOSS= 2 :CN= 49.0]
       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.013:SCI=   .0]
009:0047----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD      05:3602             1.30     .153 No_date   12:13   42.34
       [XIMP=.64:TIMP=.64]
       [LOSS= 2 :CN= 49.0]
       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.013:SCI=   .0]
009:0048----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     COMPUTE DUALHYD     05:3602             1.30     .153 No_date   12:13   42.34
       Major System /    02:Maj10th           .00     .000 No_date    0:00     .00
       Minor System \    10:5yrflow          1.30     .153 No_date   12:13   42.34
#                  FLOWS FROM BMGCC SOUTHERN PORTION
009:0049----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD      05:3507            12.59     .777 No_date   12:14   28.82
       [XIMP=.30:TIMP=.50]
       [LOSS= 2 :CN= 52.0]
       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 290.:MNI=.013:SCI=   .0]
009:0050----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE RESERVOIR -> 05:3507            12.59     .777 No_date   12:14   28.82
       [RDT= 1.00] out<- 06:3507Pond       12.59     .099 No_date   13:20   28.82
              overflow <= 07:3507OVF         .00     .000 No_date    0:00     .00
       [MxStoUsed=.1984E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
009:0051----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             04:Pondout         45.14     .304 No_date   13:38   30.00
                       +  07:3507OVF         .00     .000 No_date    0:00     .00
                       +  06:3507Pond       12.59     .099 No_date   13:20   28.82
                       +  10:5yrflow         1.30     .153 No_date   12:13   42.34
      [DT= 1.00]  SUM=  05:LinkPipe         59.03     .410 No_date   13:33   30.02
009:0052----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             05:LinkPipe        59.03     .410 No_date   13:33   30.02
                       +  02:Maj10th         .00     .000 No_date    0:00     .00
                       +  03:3601            .25     .034 No_date   12:12   42.34
                       +  09:809           156.81    1.091 No_date   14:09   33.78
      [DT= 1.00]  SUM=  08:Node3           216.09    1.493 No_date   14:01   32.76
009:0053----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD             01:806/outB        41.15     .094 No_date   12:15   24.55
                       +  08:Node3         216.09    1.493 No_date   14:01   32.76
      [DT= 1.00]  SUM=  02:Node4           257.23    1.556 No_date   14:01   31.45
  ** END OF RUN :   9
**************************************************************************
                                                          10 yr SCS
RUN:COMMAND#
010:0001----------------------------------------------------------------------
     START
       [TZERO =    .00 hrs on      0]
       [METOUT=   2   (1=imperial, 2=metric output)]
       [NSTORM=   1 ]
       [NRUN  =  10 ]
#**************************************************************************
#  Project Name: [Linksview Ultimate]  Project Number: [183-2687]
#  Date        : 2014 08 22
#  Modified    :
#  Modeller    : [A. French]
#  Company     : C.F. Crozier & Associates Inc.
#  License #   : 3737016
#**************************************************************************
#**************************************************************************
010:0002----------------------------------------------------------------------
     READ STORM
       Filename = STORM.001
       Comment  =
       [SDT= 1.00:SDUR=  24.00:PTOT=  72.00]
#                  MAIR MILLS ESTATES AND CONTRIBUTING AREAS
010:0003----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD      03:302             16.39    1.012 No_date   12:20   36.03
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02701>       [XIMP=.20:TIMP=.40]
02702>       [LOSS= 2 :CN= 65.2]
02703>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02704>       [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=   .0]
02705>  010:0004----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02706>       CALIB STANDHYD     01:303              2.34     .199 No_date   12:16   39.86
02707>       [XIMP=.25:TIMP=.50]
02708>       [LOSS= 2 :CN= 65.2]
02709>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02710>       [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=   .0]
02711>  010:0005----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02712>       ADD HYD            01:303              2.34     .199 No_date   12:16   39.86
02713>                        + 03:302             16.39    1.012 No_date   12:20   36.03
02714>       [DT= 1.00]  SUM=  02:903             18.73    1.192 No_date   12:19   36.51
02715>  010:0006----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02716>       CALIB NASHYD       01:304              2.90     .127 No_date   12:20   23.09
02717>       [CN= 66.6: N= 3.00]
02718>       [Tp=  .28:DT= 5.00]
02719>  010:0007----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02720>       ADD HYD            01:304              2.90     .127 No_date   12:20   23.09
02721>                        + 02:903             18.73    1.192 No_date   12:19   36.51
02722>       [DT= 1.00]  SUM=  03:904             21.63    1.317 No_date   12:20   34.71
02723>  010:0008----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02724>       CALIB STANDHYD     01:305               .31     .016 No_date   12:12   31.83
02725>       [XIMP=.20:TIMP=.20]
02726>       [LOSS= 2 :CN= 65.2]
02727>       [Pervious     area: IAper= 5.00:SLPP=  .50:LGP= 100.:MNP=.250:SCP=   .0]
02728>       [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
02729>  010:0009----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02730>       ADD HYD            01:305               .31     .016 No_date   12:12   31.83
02731>                        + 03:904             21.63    1.317 No_date   12:20   34.71
02732>       [DT= 1.00]  SUM=  02:905             21.94    1.323 No_date   12:20   34.67
02733> #                      MAIR MILLS ESTATES SWMF
02734>  010:0010----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02735>       ROUTE RESERVOIR -> 02:905             21.94    1.323 No_date   12:20   34.67
02736>       [RDT= 1.00] out<- 03:502              21.94     .133 No_date   14:25   34.67
02737>                 overflow <- 04:502OVF        .00     .000 No_date    0:00     .00
02738>       [MxStoUsed=.4611E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=   0.hrs
02739>  010:0011----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02740>       CALIB NASHYD       01:400              5.70     .067 No_date   12:50   12.24
02741>       [CN= 50.2: N= 3.00]
02742>       [Tp=  .70:DT= 5.00]
02743>  010:0012----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02744>       ADD HYD            01:400              5.70     .067 No_date   12:50   12.24
02745>                        + 03:502             21.94     .133 No_date   14:25   34.67
02746>                        + 04:502OVF           .00     .000 No_date    0:00     .00
02747>       [DT= 1.00]  SUM=  02:906             27.64     .181 No_date   13:14   30.04
02748> #        FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
02749>  010:0013----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02750>       DIVERT HYD       -> 02:906             27.64     .181 No_date   13:14   30.04
02751>              diverted <= 10:To806           12.69     .020 No_date   13:14   30.04
02752>              diverted <= 03:To1023           7.47     .081 No_date   13:14   30.04
02753>              diverted <= 01:To1022           7.47     .081 No_date   13:14   30.04
02754> #                TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
02755>  010:0014----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02756>       CALIB STANDHYD     01:3501             66.62    6.583 No_date   12:20   50.90
02757>       [XIMP=.30:TIMP=.50]
02758>       [LOSS= 2 :CN= 81.5]
02759>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02760>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 666.:MNI=.013:SCI=   .0]
02761>  010:0015----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02762>       ROUTE RESERVOIR -> 01:3501            66.62    6.583 No_date   12:20   50.90
02763>       [RDT= 1.00] out<- 02:3501Pond         66.62     .684 No_date   13:49   50.90
02764>                 overflow <- 04:3501OVF       .00     .000 No_date    0:00     .00
02765>       [MxStoUsed=.2076E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=   0.hrs
02766>  010:0016----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02767>       CALIB STANDHYD     01:3502             28.70    2.996 No_date   12:17   50.02
02768>       [XIMP=.30:TIMP=.50]
02769>       [LOSS= 2 :CN= 80.3]
02770>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02771>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 437.:MNI=.013:SCI=   .0]
02772>  010:0017----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02773>       ROUTE RESERVOIR -> 01:3502            28.70    2.996 No_date   12:17   50.02
02774>       [RDT= 1.00] out<- 05:3502Pond         28.70     .292 No_date   13:40   50.02
02775>                 overflow <- 06:3502OVF       .00     .000 No_date    0:00     .00
02776>       [MxStoUsed=.8756E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=   0.hrs
02777>  010:0018----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02778>       CALIB NASHYD       01:3506             10.24     .192 No_date   12:50   18.04
02779>       [CN= 61.8: N= 3.00]
02780>       [Tp=  .66:DT= 5.00]
02781> #                                  FLOWS AT NODE 1
02782>  010:0019----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02783>       ADD HYD            02:3501Pond        66.62     .684 No_date   13:49   50.90
02784>                        + 04:3501OVF          .00     .000 No_date    0:00     .00
02785>                        + 05:3502Pond        28.70     .292 No_date   13:40   50.02
02786>                        + 06:3502OVF          .00     .000 No_date    0:00     .00
02787>                        + 01:3506            10.24     .192 No_date   12:50   18.04
02788>       [DT= 1.00]  SUM=  07:Node1           105.56    1.101 No_date   13:21   47.47
02789>  010:0020----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02790>       ROUTE CHANNEL    -> 07:Node1          105.56    1.101 No_date   13:21   47.47
02791>       [RDT= 1.00] out<- 02:RC               105.56    1.038 No_date   14:12   47.47
02792>       [L/S/n= 1400./1.200/.030]
02793>       [Vmax=  .873:Dmax=  .673]
02794>  010:0021----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02795>       CALIB STANDHYD     01:3503             23.53    1.822 No_date   12:16   37.85
02796>       [XIMP=.30:TIMP=.50]
02797>       [LOSS= 2 :CN= 59.0]
02798>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02799>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 396.:MNI=.013:SCI=   .0]
02800>  010:0022----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02801>       ROUTE RESERVOIR -> 01:3503            23.53    1.822 No_date   12:16   37.85
02802>       [RDT= 1.00] out<- 04:3503Pond         23.53     .243 No_date   13:22   37.85
02803>                 overflow <- 05:3503OVF       .00     .000 No_date    0:00     .00
02804>       [MxStoUsed=.4987E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=   0.hrs
02805>  010:0023----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02806>       CALIB NASHYD       01:3505             16.57     .134 No_date   13:10   10.44
02807>       [CN= 44.2: N= 3.00]
02808>       [Tp=  .94:DT= 5.00]
02809> #                  FLOWS AT NODE 2 (UPSTREAM OF TENTH LINE)
02810>  010:0024----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02811>       ADD HYD            04:3503Pond        23.53     .243 No_date   13:22   37.85
02812>                        + 05:3503OVF          .00     .000 No_date    0:00     .00
02813>                        + 02:RC              105.56    1.038 No_date   14:12   47.47
02814>                        + 01:3505            16.57     .134 No_date   13:10   10.44
02815>       [DT= 1.00]  SUM=  09:Node2           145.66    1.365 No_date   13:54   41.71
02816> #                                MAIR MILLS VILLAGE
02817>  010:0025----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02818>       CALIB NASHYD       01:103              9.70     .199 No_date   12:35   17.45
02819>       [CN= 59.2: N= 3.00]
02820>       [Tp=  .48:DT= 5.00]
02821>  010:0026----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02822>       ADD HYD            01:103              8.70     .199 No_date   12:35   17.45
02823>                        + 03:To1023           7.47     .081 No_date   13:14   30.04
02824>       [DT= 1.00]  SUM=  02:1023            16.17     .258 No_date   12:40   23.27
02825>  010:0027----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02826>       CALIB NASHYD       01:205              1.41     .042 No_date   12:15   13.60
02827>       [CN= 51.1: N= 3.00]
02828>       [Tp=  .20:DT= 5.00]
02829>  010:0028----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02830>       ADD HYD            01:205              1.41     .042 No_date   12:15   13.60
02831>                        + 02:1023            16.17     .258 No_date   12:40   23.27
02832>       [DT= 1.00]  SUM=  03:802             17.58     .275 No_date   12:38   22.49
02833>  010:0029----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02834>       CALIB STANDHYD     01:201              18.41    2.035 No_date   12:12   40.06
02835>       [XIMP=.43:TIMP=.56]
02836>       [LOSS= 2 :CN= 49.0]
02837>       [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
02838>       [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
02839>  010:0030----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02840>       ADD HYD            01:201              18.41    2.035 No_date   12:12   40.06
02841>                        + 03:802             17.58     .275 No_date   12:38   22.49
02842>       [DT= 1.00]  SUM=  02:803             35.99    2.181 No_date   12:12   31.48
02843>  010:0031----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02844>       CALIB NASHYD       01:202              1.10     .028 No_date   12:20   13.01
02845>       [CN= 55.0: N= 3.00]
02846>       [Tp=  .25:DT= 5.00]
02847>  010:0032----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02848>       ADD HYD            01:202              1.10     .028 No_date   12:20   13.01
02849>                        + 02:803             35.99    2.181 No_date   12:12   31.48
02850>       [DT= 1.00]  SUM=  03:804             37.09    2.203 No_date   12:12   30.93
02851> #                      MAIR MILLS VILLAGE SWMF
02852>  010:0033----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02853>       ROUTE RESERVOIR -> 03:804            37.09    2.203 No_date   12:12   30.93
02854>       [RDT= 1.00] out<- 02:1026            37.09     .291 No_date   13:29   30.93
02855>                 overflow <- 01:1026OVF        .00     .000 No_date    0:00     .00
02856>       [MxStoUsed=.5532E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=   0.hrs
02857>  010:0034----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02858>       ADD HYD            02:1026             37.09     .291 No_date   13:29   30.93
02859>                        + 01:1026OVF          .00     .000 No_date    0:00     .00
02860>       [DT= 1.00]  SUM=  05:Pond1026ou       37.09     .291 No_date   13:29   30.93
02861> #                  TENTH LINE DITCH FLOW SPLIT (OUTLETS A & B)
02862>  010:0035----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02863>       DIVERT HYD       -> 05:Pond1026ou    37.09     .291 No_date   13:29   30.93
02864>              diverted <= 02:To807           20.76     .040 No_date   13:29   30.93
02865>              diverted <= 07:To809           16.33     .251 No_date   13:29   30.93
02866>              diverted <= 03:To1025           .00     .000 No_date    0:00     .00
02867>  010:0036----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02868>  *    CALIB NASHYD       01:207              1.22     .054 No_date   12:15   16.06
02869>       [CN= 55.3: N= 3.00]
02870>       [Tp=  .13:DT= 5.00]
02871>  010:0037----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02872>       ADD HYD            01:207              1.22     .054 No_date   12:15   16.06
02873>                        + 02:To807           20.76     .040 No_date   13:29   30.93
02874>       [DT= 1.00]  SUM=  06:807             21.98     .094 No_date   12:15   30.10
02875>  010:0038----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02876>       ADD HYD            03:To1025           .00     .000 No_date    0:00     .00
02877>                        + 09:Node2           145.66    1.365 No_date   13:54   41.71
02878>       [DT= 1.00]  SUM=  01:1025            145.66    1.365 No_date   13:54   41.71
02879>  010:0039----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02880>       ADD HYD            07:To809            16.33     .251 No_date   13:29   30.93
02881>                        + 01:1025            145.66    1.365 No_date   13:54   41.71
02882>       [DT= 1.00]  SUM=  09:809             161.99    1.612 No_date   13:50   40.62
02883> #                            FLOWS TO OUTLET B
02884>  010:0040----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02885>       ADD HYD            06:807              21.98     .094 No_date   12:15   30.10
02886>                        + 10:To806            12.69     .020 No_date   13:14   30.04
02887>       [DT= 1.00]  SUM=  01:806/outB         34.68     .114 No_date   12:15   30.08
02888> #                    LINKSVIEW AND CONTRIBUTING AREAS
02889>  010:0041----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02890>       CALIB STANDHYD     05:3504             6.94     .597 No_date   12:13   37.85
02891>       [XIMP=.30:TIMP=.50]
02892>       [LOSS= 2 :CN= 59.0]
02893>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02894>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 215.:MNI=.013:SCI=   .0]
02895>  010:0042----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02896>       CALIB STANDHYD     06:3500             30.20    2.691 No_date   12:16   36.07
02897>       [XIMP=.30:TIMP=.50]
02898>       [LOSS= 2 :CN= 54.9]
02899>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02900>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 505.:MNI=.013:SCI=   .0]
02901>  010:0043----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02902>       ADD HYD            05:3504             6.94     .597 No_date   12:13   37.85
02903>                        + 06:3500            30.20    2.691 No_date   12:16   36.07
02904>       [DT= 1.00]  SUM=  07:Pondin           45.14    3.253 No_date   12:15   36.35
02905>  010:0044----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02906>       ROUTE RESERVOIR -> 07:Pondin          45.14    3.253 No_date   12:15   36.35
02907>       [RDT= 1.00] out<- 08:LinkPond         45.14     .438 No_date   13:24   36.34
02908>                 overflow <- 06:OVF           .00     .000 No_date    0:00     .00
02909>       [MxStoUsed=.9181E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=   0.hrs
02910>  010:0045----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02911>       ADD HYD            08:LinkPond         45.14     .438 No_date   13:24   36.34
02912>                        + 06:OVF              .00     .000 No_date    0:00     .00
02913>       [DT= 1.00]  SUM=  04:Pondout          45.14     .438 No_date   13:24   36.34
02914> #                  FLOWS FROM TENTH LINE (URBANIZED)
02915>  010:0046----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02916>       CALIB STANDHYD     03:3601              .25     .040 No_date   12:12   49.68
02917>       [XIMP=.64:TIMP=.64]
02918>       [LOSS= 2 :CN= 49.0]
02919>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
02920>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.013:SCI=   .0]
02921>  010:0047----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02922>       CALIB STANDHYD     05:3602             1.30     .181 No_date   12:13   49.68
02923>       [XIMP=.64:TIMP=.64]
02924>       [LOSS= 2 :CN= 49.0]
02925>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
02926>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.013:SCI=   .0]
02927>  010:0048----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02928>       COMPUTE DUALHYD    05:3602             1.30     .181 No_date   12:13   49.68
02929>         Major System /   02:Maj10th            .00     .000 No_date    0:00     .00
02930>         Minor System \   10:5yrflow           1.30     .181 No_date   12:13   49.68
02931> #                  FLOWS FROM BMGCC SOUTHERN PORTION
02932>  010:0049----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02933>       CALIB STANDHYD     05:3507             12.59     .961 No_date   12:14   34.89
02934>       [XIMP=.30:TIMP=.50]
02935>       [LOSS= 2 :CN= 52.0]
02936>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
02937>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 290.:MNI=.013:SCI=   .0]
02938>  010:0050----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02939>       ROUTE RESERVOIR -> 05:3507            12.59     .961 No_date   12:14   34.89
02940>       [RDT= 1.00] out<- 06:3507Pond         12.59     .138 No_date   13:12   34.89
02941>                 overflow <- 07:3507OVF       .00     .000 No_date    0:00     .00
02942>       [MxStoUsed=.2331E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=   0.hrs
02943>  010:0051----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02944>       ADD HYD            04:Pondout          45.14     .438 No_date   13:24   36.34
02945>                        + 07:3507OVF          .00     .000 No_date    0:00     .00
02946>                        + 06:3507Pond        12.59     .138 No_date   13:12   34.89
02947>                        + 10:5yrflow          1.30     .181 No_date   12:13   49.68
02948>       [DT= 1.00]  SUM=  05:LinkPipe         59.03     .586 No_date   13:18   36.33
02949>  010:0052----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02950>       ADD HYD            05:LinkPipe         59.03     .586 No_date   13:18   36.33
02951>                        + 02:Maj10th            .00     .000 No_date    0:00     .00
02952>                        + 03:3601              .25     .040 No_date   12:12   49.68
02953>                        + 09:809            161.99    1.612 No_date   13:50   40.62
02954>       [DT= 1.00]  SUM=  08:Node3           221.27    2.183 No_date   13:44   39.48
02955>  010:0053----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02956>       ADD HYD            01:806/outB         34.68     .114 No_date   12:15   30.08
02957>                        + 08:Node3           221.27    2.183 No_date   13:44   39.48
02958>       [DT= 1.00]  SUM=  02:Node4           255.95    2.247 No_date   13:44   38.21
02959>  ** END OF RUN :  10
02960>
02961> ************************************************************************
02962>
02963>
02964>                                                    25 yr SCS
02965>
02966>
02967> RUN:COMMAND#
02968> 011:0001----------------------------------------------------------------
02969>      START
02970>       [TZERO =     .00 hrs on        0]
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```
02971>       [METOUT=   2    (1=imperial, 2=metric output)]
02972>       [NSTORM=   1 ]
02973>       [NRUN  =  11 ]
02974> #*******************************************************************************
02975> #  Project Name: [Linksview Ultimate]  Project Number: [183-2687]
02976> #  Date        : 2014 09 22
02977> #  Modified    :
02978> #  Modeller    : [A. French]
02979> #  Company     : C.F. Crozier & Associates Inc.
02980> #  License #   :  3737016
02981> #*******************************************************************************
02982> #*******************************************************************************
02983>  011:0002-------------------------------------------------------------------------
02984>       READ STORM
02985>        Filename = STORM.001
02986>        Comment  =
02987>       [SDT= 1.00:SDUR=  24.00:PTOT=  86.40]
02988> #                    MAIR MILLS ESTATES AND CONTRIBUTING AREAS
02989>  011:0003---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02990>       CALIB STANDHYD     03:302            16.39     1.414 No_date   12:20   46.63
02991>        [XIMP=.20:TIMP=.40]
02992>        [LOSS= 2 :CN= 65.2]
02993>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
02994>        [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=    .0]
02995>  011:0004---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
02996>       CALIB STANDHYD     01:303             2.34      .270 No_date   12:15   51.06
02997>        [XIMP=.25:TIMP=.50]
02998>        [LOSS= 2 :CN= 65.2]
02999>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
03000>        [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=    .0]
03001>  011:0005---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03002>       ADD HYD            01:303             2.34      .270 No_date   12:15   51.06
03003>                        + 03:302            16.39     1.414 No_date   12:20   46.63
03004>        [DT= 1.00]  SUM=  02:903            18.73     1.656 No_date   12:19   47.18
03005>  011:0006---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03006>       CALIB NASHYD       01:304             2.90      .176 No_date   12:20   31.74
03007>        [CN= 66.6: N= 3.00]
03008>        [Tp=  .20:DT= 5.00]
03009>  011:0007---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03010>       ADD HYD            01:304             2.90      .176 No_date   12:20   31.74
03011>                        + 02:903            18.73     1.656 No_date   12:19   47.18
03012>        [DT= 1.00]  SUM=  03:904            21.63     1.829 No_date   12:19   45.11
03013>  011:0008---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03014>       CALIB STANDHYD     01:305              .31      .021 No_date   12:12   41.41
03015>        [XIMP=.20:TIMP=.20]
03016>        [LOSS= 2 :CN= 65.2]
03017>        [Pervious     area: IAper= 5.00:SLPP=  .50:LGP= 100.:MNP=.250:SCP=    .0]
03018>        [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=    .0]
03019>  011:0009---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03020>       ADD HYD            01:305              .31      .021 No_date   12:12   41.41
03021>                        + 03:904            21.63     1.829 No_date   12:19   45.11
03022>        [DT= 1.00]  SUM=  02:905            21.94     1.838 No_date   12:19   45.06
03023> #                      MAIR MILLS ESTATES SWMF
03024>  011:0010---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03025>       ROUTE RESERVOIR -> 02:905            21.94     1.838 No_date   12:19   45.06
03026>        [RDT= 1.00] out<- 03:502            21.94      .150 No_date   14:31   45.06
03027>                  overflow <= 04:502OVF       .00      .000 No_date    0:00     .00
03028>        [MxStoUsed=.6084E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03029>  011:0011---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03030>       CALIB NASHYD       01:400             5.70      .100 No_date   12:50   17.78
03031>        [CN= 50.2: N= 3.00]
03032>        [Tp=  .70:DT= 5.00]
03033>  011:0012---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03034>       ADD HYD            01:400             5.70      .100 No_date   12:50   17.78
03035>                        + 03:502            21.94      .150 No_date   14:31   45.06
03036>                        + 04:502OVF           .00      .000 No_date    0:00     .00
03037>        [DT= 1.00]  SUM=  02:906            27.64      .245 No_date   13:00   39.43
03038> #        FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
03039>  011:0013---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03040>       DIVERT HYD       -> 02:906            27.64      .245 No_date   13:00   39.43
03041>                  diverted <= 10:To806       10.19      .020 No_date   13:00   39.43
03042>                  diverted <= 03:To1023       8.73      .113 No_date   13:00   39.43
03043>                  diverted <= 01:To1022       8.73      .113 No_date   13:00   39.43
03044> #                  TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
03045>  011:0014---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03046>       CALIB STANDHYD     01:3501            66.62     8.733 No_date   12:19   64.05
03047>        [XIMP=.30:TIMP=.50]
03048>        [LOSS= 2 :CN= 81.5]
03049>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
03050>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 666.:MNI=.013:SCI=    .0]
03051>  011:0015---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03052>       ROUTE RESERVOIR -> 01:3501           66.62     8.733 No_date   12:19   64.05
03053>        [RDT= 1.00] out<- 02:3501Pond       66.62     1.003 No_date   13:31   64.04
03054>                  overflow <= 04:3501OVF       .00      .000 No_date    0:00     .00
03055>        [MxStoUsed=.2556E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03056>  011:0016---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03057>       CALIB STANDHYD     01:3502            28.70     4.005 No_date   12:16   63.03
03058>        [XIMP=.30:TIMP=.50]
03059>        [LOSS= 2 :CN= 80.3]
03060>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
03061>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 437.:MNI=.013:SCI=    .0]
03062>  011:0017---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03063>       ROUTE RESERVOIR -> 01:3502           28.70     4.005 No_date   12:16   63.03
03064>        [RDT= 1.00] out<- 05:3502Pond       28.70      .430 No_date   13:24   63.03
03065>                  overflow <= 06:3502OVF       .00      .000 No_date    0:00     .00
03066>        [MxStoUsed=.1081E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03067>  011:0018---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03068>       CALIB NASHYD       01:3506            10.24      .276 No_date   12:45   25.56
03069>        [CN= 61.8: N= 3.00]
03070>        [Tp=  .66:DT= 5.00]
03071> #                                    FLOWS AT NODE 1
03072>  011:0019---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03073>       ADD HYD            02:3501Pond        66.62     1.003 No_date   13:31   64.04
03074>                        + 04:3501OVF           .00      .000 No_date    0:00     .00
03075>                        + 05:3502Pond       28.70      .430 No_date   13:24   63.03
03076>                        + 06:3502OVF           .00      .000 No_date    0:00     .00
03077>                        + 01:3506           10.24      .276 No_date   12:45   25.56
03078>        [DT= 1.00]  SUM=  07:Node1          105.56     1.644 No_date   13:12   60.04
03079>  011:0020---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03080>       ROUTE CHANNEL    -> 07:Node1         105.56     1.644 No_date   13:12   60.04
03081>        [RDT= 1.00] out<- 02:RC             105.56     1.520 No_date   13:58   60.04
03082>        [L/S/n= 1400./1.200/.030]
03083>        [Vmax=  .846:Dmax=  .731]
03084>  011:0021---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03085>       CALIB STANDHYD     01:3503            23.53     2.420 No_date   12:15   48.31
03086>        [XIMP=.30:TIMP=.50]
03087>        [LOSS= 2 :CN= 59.0]
03088>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
03089>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 396.:MNI=.013:SCI=    .0]
03090>  011:0022---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03091>       ROUTE RESERVOIR -> 01:3503           23.53     2.420 No_date   12:15   48.31
03092>        [RDT= 1.00] out<- 04:3503Pond       23.53      .358 No_date   13:13   48.31
03093>                  overflow <= 05:3503OVF       .00      .000 No_date    0:00     .00
03094>        [MxStoUsed=.6186E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03095>  011:0023---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03096>       CALIB NASHYD       01:3505            16.57      .197 No_date   13:10   15.16
03097>        [CN= 44.2: N= 3.00]
03098>        [Tp=  .94:DT= 5.00]
03099> #                    FLOWS AT NODE 2 (UPSTREAM OF TENTH LINE)
03100>  011:0024---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03101>       ADD HYD            04:3503Pond        23.53      .358 No_date   13:13   48.31
03102>                        + 05:3503OVF           .00      .000 No_date    0:00     .00
03103>                        + 02:RC             105.56     1.520 No_date   13:58   60.04
03104>                        + 01:3505           16.57      .197 No_date   13:10   15.16
03105>        [DT= 1.00]  SUM=  09:Node2          145.66     2.014 No_date   13:44   53.04
03106> #                                MAIR MILLS VILLAGE
03107>  011:0025---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03108>       CALIB NASHYD       01:103             8.70      .283 No_date   12:35   24.60
03109>        [CN= 59.2: N= 3.00]
03110>        [Tp=  .40:DT= 5.00]
03111>  011:0026---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03112>       ADD HYD            01:103             8.70      .283 No_date   12:35   24.60
03113>                        + 03:To1023          8.73      .113 No_date   13:00   39.43
03114>        [DT= 1.00]  SUM=  02:1023           17.43      .384 No_date   12:40   32.03
03115>  011:0027---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03116>       CALIB NASHYD       01:205             1.41      .061 No_date   12:15   19.42
03117>        [CN= 51.1: N= 3.00]
03118>        [Tp=  .20:DT= 5.00]
03119>  011:0028---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03120>       ADD HYD            01:205             1.41      .061 No_date   12:15   19.42
03121>                        + 02:1023           17.43      .384 No_date   12:40   32.03
03122>        [DT= 1.00]  SUM=  03:802            18.84      .414 No_date   12:35   31.08
03123>  011:0029---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03124>       CALIB STANDHYD     01:201             18.41     2.601 No_date   12:12   50.05
03125>        [XIMP=.43:TIMP=.56]
03126>        [LOSS= 2 :CN= 49.0]
03127>        [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=    .0]
03128>        [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=    .0]
03129>  011:0030---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03130>       ADD HYD            01:201             18.41     2.601 No_date   12:12   50.05
03131>                        + 03:802            18.84      .414 No_date   12:35   31.08
03132>        [DT= 1.00]  SUM=  02:803            37.25     2.821 No_date   12:12   40.46
03133>  011:0031---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03134>       CALIB NASHYD       01:202             1.10      .042 No_date   12:20   19.11
03135>        [CN= 55.0: N= 3.00]
03136>        [Tp=  .25:DT= 5.00]
03137>  011:0032---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03138>       ADD HYD            01:202             1.10      .042 No_date   12:20   19.11
03139>                        + 02:803            37.25     2.821 No_date   12:12   40.46
03140>        [DT= 1.00]  SUM=  03:804            38.35     2.853 No_date   12:12   39.85
03141> #                      MAIR MILLS VILLAGE SWMF
03142>  011:0033---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03143>       ROUTE RESERVOIR -> 03:804            38.35     2.853 No_date   12:12   39.85
03144>        [RDT= 1.00] out<- 02:1026           38.35      .483 No_date   13:12   39.85
03145>                  overflow <= 01:1026OVF       .00      .000 No_date    0:00     .00
03146>        [MxStoUsed=.6579E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03147>  011:0034---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03148>       ADD HYD            02:1026            38.35      .483 No_date   13:12   39.85
03149>                        + 01:1026OVF           .00      .000 No_date    0:00     .00
03150>        [DT= 1.00]  SUM=  05:Pond1026ou     38.35      .483 No_date   13:12   39.85
03151> #                TENTH LINE DITCH FLOW SPLIT (OUTLETS A & B)
03152>  011:0035---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03153>       DIVERT HYD       -> 05:Pond1026ou     38.35      .483 No_date   13:12   39.85
03154>                  diverted <= 02:To807        16.85      .040 No_date   13:12   39.85
03155>                  diverted <= 07:To809        21.50      .443 No_date   13:12   39.85
03156>                  diverted <= 03:To1025          .00      .000 No_date    0:00     .00
03157>  011:0036---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03158>   * CALIB NASHYD       01:207             1.22      .076 No_date   12:15   22.62
03159>        [CN= 55.3: N= 3.00]
03160>        [Tp=  .13:DT= 5.00]
03161>  011:0037---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03162>       ADD HYD            01:207             1.22      .076 No_date   12:15   22.62
03163>                        + 02:To807          16.85      .040 No_date   13:12   39.85
03164>        [DT= 1.00]  SUM=  06:807            18.07      .116 No_date   12:15   38.68
03165>  011:0038---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03166>       ADD HYD            03:To1025          .00      .000 No_date    0:00     .00
03167>                        + 09:Node2          145.66     2.014 No_date   13:44   53.04
03168>        [DT= 1.00]  SUM=  01:1025           145.66     2.014 No_date   13:44   53.04
03169>  011:0039---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03170>       ADD HYD            07:To809           21.50      .443 No_date   13:12   39.85
03171>                        + 01:1025           145.66     2.014 No_date   13:44   53.04
03172>        [DT= 1.00]  SUM=  09:809            167.16     2.433 No_date   13:39   51.34
03173> #                              FLOWS TO OUTLET B
03174>  011:0040---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03175>       ADD HYD            06:807             18.07      .116 No_date   12:15   38.68
03176>                        + 10:To806           10.19      .020 No_date   13:00   39.43
03177>        [DT= 1.00]  SUM=  01:806/outB        28.26      .136 No_date   12:15   38.95
03178> #                  LINKSVIEW AND CONTRIBUTING AREAS
03179>  011:0041---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03180>       CALIB STANDHYD     05:3504             6.94      .792 No_date   12:13   48.31
03181>        [XIMP=.30:TIMP=.50]
03182>        [LOSS= 2 :CN= 59.0]
03183>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
03184>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 215.:MNI=.013:SCI=    .0]
03185>  011:0042---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03186>       CALIB STANDHYD     06:3500            38.20     3.599 No_date   12:16   46.03
03187>        [XIMP=.30:TIMP=.50]
03188>        [LOSS= 2 :CN= 54.9]
03189>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
03190>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 505.:MNI=.013:SCI=    .0]
03191>  011:0043---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03192>       ADD HYD            05:3504             6.94      .792 No_date   12:13   48.31
03193>                        + 06:3500            38.20     3.599 No_date   12:16   46.03
03194>        [DT= 1.00]  SUM=  07:Pondin          45.14     4.363 No_date   12:15   46.38
03195>  011:0044---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03196>       ROUTE RESERVOIR -> 07:Pondin         45.14     4.363 No_date   12:15   46.38
03197>        [RDT= 1.00] out<- 08:LinkPond       45.14      .653 No_date   13:14   46.38
03198>                  overflow <= 06:OVF           .00      .000 No_date    0:00     .00
03199>        [MxStoUsed=.1137E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03200>  011:0045---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03201>       ADD HYD            08:LinkPond        45.14      .653 No_date   13:14   46.38
03202>                        + 06:OVF               .00      .000 No_date    0:00     .00
03203>        [DT= 1.00]  SUM=  04:Pondout         45.14      .653 No_date   13:14   46.38
03204> #                    FLOWS FROM TENTH LINE (URBANIZED)
03205>  011:0046---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03206>       CALIB STANDHYD     03:3601              .25      .049 No_date   12:12   60.91
03207>        [XIMP=.64:TIMP=.64]
03208>        [LOSS= 2 :CN= 49.0]
03209>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=    .0]
03210>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  40.:MNI=.013:SCI=    .0]
03211>  011:0047---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03212>       CALIB STANDHYD     05:3602             1.30      .225 No_date   12:13   60.92
03213>        [XIMP=.64:TIMP=.64]
03214>        [LOSS= 2 :CN= 49.0]
03215>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=    .0]
03216>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.013:SCI=    .0]
03217>  011:0048---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03218>       COMPUTE DUALHYD    05:3602             1.30      .225 No_date   12:13   60.92
03219>          Major System /  02:Maj10th           .00      .005 No_date   12:13   60.92
03220>          Minor System \  10:5yrflow          1.30      .220 No_date   12:12   60.92
03221> #                    FLOWS FROM BMGCC SOUTHERN PORTION
03222>  011:0049---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03223>       CALIB STANDHYD     05:3507            12.59     1.262 No_date   12:14   44.51
03224>        [XIMP=.30:TIMP=.50]
03225>        [LOSS= 2 :CN= 52.0]
03226>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
03227>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 290.:MNI=.013:SCI=    .0]
03228>  011:0050---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03229>       ROUTE RESERVOIR -> 05:3507           12.59     1.262 No_date   12:14   44.51
03230>        [RDT= 1.00] out<- 06:3507Pond       12.59      .202 No_date   13:04   44.51
03231>                  overflow <= 07:3507OVF       .00      .000 No_date    0:00     .00
03232>        [MxStoUsed=.2891E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03233>  011:0051---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03234>       ADD HYD            04:Pondout         45.14      .653 No_date   13:14   46.38
03235>                        + 07:3507OVF           .00      .000 No_date    0:00     .00
03236>                        + 06:3507Pond       12.59      .202 No_date   13:04   44.51
03237>                        + 10:5yrflow         1.30      .220 No_date   12:12   60.92
03238>        [DT= 1.00]  SUM=  05:LinkPipe        59.03      .870 No_date   13:08   46.30
03239>  011:0052---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03240>       ADD HYD            05:LinkPipe        59.03      .870 No_date   13:08   46.30
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                    +  02:Maj10th          .00      .005 No_date   12:13   60.92
                    +  03:3601             .25      .049 No_date   12:12   60.91
                    +  09:809           167.16    2.433 No_date   13:39   51.34
     [DT= 1.00]  SUM=  08:Node3         226.44    3.275 No_date   13:34   50.04
 ** END OF RUN :  11

*******************************************************************************

                          50 yr SCS

 RUN:COMMAND#
 012:0001----------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on       0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =  12 ]
#*******************************************************************************
#  Project Name: [Linksview Ultimate]  Project Number: [103-2687]
#  Date        : 2014 08 22
#  Modified    :
#  Modeller    : [A. French]
#  Company     : C.F. Crozier & Associates Inc.
#  License #   : 3737016
#*******************************************************************************
#*******************************************************************************
 012:0002----------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT= 1.00:SDUR=  24.00:PTOT=  96.00]
#                 MAIR MILLS ESTATES AND CONTRIBUTING AREAS
 012:0003----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD     03:302           16.39    1.701 No_date   12:19   54.01
      [XIMP=.20:TIMP=.40]
      [LOSS= 2 :CN= 65.2]
      [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
      [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=    .0]
 012:0004----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD     01:303            2.34     .322 No_date   12:15   58.81
      [XIMP=.25:TIMP=.50]
      [LOSS= 2 :CN= 65.2]
      [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
      [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=    .0]
 012:0005----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:303            2.34     .322 No_date   12:15   58.81
                    +  03:302           16.39    1.701 No_date   12:19   54.01
     [DT= 1.00]  SUM=  02:903           18.73    1.989 No_date   12:18   54.61
 012:0006----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:304            2.90     .212 No_date   12:20   37.92
      [CN= 66.6: N= 3.00]
      [Tp=  .28:DT= 5.00]
 012:0007----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:304            2.90     .212 No_date   12:20   37.92
                    +  02:903           18.73    1.989 No_date   12:18   54.61
     [DT= 1.00]  SUM=  03:904           21.63    2.196 No_date   12:19   52.37
 012:0008----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD     01:305             .31     .024 No_date   12:12   48.14
      [XIMP=.20:TIMP=.20]
      [LOSS= 2 :CN= 65.2]
      [Pervious     area: IAper= 5.00:SLPP=  .50:LGP= 100.:MNP=.250:SCP=    .0]
      [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=    .0]
 012:0009----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:305             .31     .024 No_date   12:12   48.14
                    +  03:904           21.63    2.196 No_date   12:19   52.37
     [DT= 1.00]  SUM=  02:905           21.94    2.207 No_date   12:19   52.31
#                   MAIR MILLS ESTATES SWMF
 012:0010----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE RESERVOIR -> 02:905           21.94    2.207 No_date   12:19   52.31
      [RDT= 1.00] out<- 03:502           21.94     .150 No_date   14:41   52.31
            overflow <= 04:502OVF         .00     .000 No_date    0:00     .00
     [MxStoUsed=.7242E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
 012:0011----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:400            5.70     .124 No_date   12:50   21.88
      [CN= 50.2: N= 3.00]
      [Tp=  .70:DT= 5.00]
 012:0012----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:400            5.70     .124 No_date   12:50   21.88
                    +  03:502           21.94     .150 No_date   14:41   52.31
                    +  04:502OVF          .00     .000 No_date    0:00     .00
     [DT= 1.00]  SUM=  02:906           27.64     .274 No_date   12:50   46.03
#       FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
 012:0013----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     DIVERT HYD      -> 02:906           27.64     .274 No_date   12:50   46.03
            diverted <= 10:To806          9.15     .020 No_date   12:50   46.03
            diverted <= 03:To1023         9.24     .127 No_date   12:50   46.03
            diverted <= 01:To1022         9.24     .127 No_date   12:50   46.03
#                 TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
 012:0014----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD     01:3501          66.62   10.092 No_date   12:18   72.96
      [XIMP=.30:TIMP=.50]
      [LOSS= 2 :CN= 81.5]
      [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
      [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 666.:MNI=.013:SCI=    .0]
 012:0015----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE RESERVOIR -> 01:3501          66.62   10.092 No_date   12:18   72.96
      [RDT= 1.00] out<- 02:3501Pond      66.62    1.220 No_date   13:25   72.96
            overflow <= 04:3501OVF        .00     .000 No_date    0:00     .00
     [MxStoUsed=.2888E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
 012:0016----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD     01:3502          28.70    4.695 No_date   12:16   71.87
      [XIMP=.30:TIMP=.50]
      [LOSS= 2 :CN= 80.3]
      [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
      [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 437.:MNI=.013:SCI=    .0]
 012:0017----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE RESERVOIR -> 01:3502          28.70    4.695 No_date   12:16   71.87
      [RDT= 1.00] out<- 05:3502Pond      28.70     .525 No_date   13:19   71.87
            overflow <= 06:3502OVF        .00     .000 No_date    0:00     .00
     [MxStoUsed=.1223E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
 012:0018----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:3506          10.24     .338 No_date   12:45   31.02
      [CN= 61.8: N= 3.00]
      [Tp=  .66:DT= 5.00]
#                                   FLOWS AT NODE 1
 012:0019----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            02:3501Pond      66.62    1.220 No_date   13:25   72.96
                    +  04:3501OVF         .00     .000 No_date    0:00     .00
                    +  05:3502Pond      28.70     .525 No_date   13:19   71.87
                    +  06:3502OVF         .00     .000 No_date    0:00     .00
                    +  01:3506          10.24     .338 No_date   12:45   31.02
     [DT= 1.00]  SUM=  07:Node1         105.56    2.016 No_date   13:08   68.59
 012:0020----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE CHANNEL   -> 07:Node1         105.56    2.016 No_date   13:08   68.59
      [RDT= 1.00] out<- 02:RC            105.56    1.860 No_date   13:51   68.59
      [L/S/n= 1400./1.200/.030]
      [Vmax=  .856:Dmax=  .758]
 012:0021----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD     01:3503            23.53    2.906 No_date   12:15   55.57
      [XIMP=.30:TIMP=.50]
      [LOSS= 2 :CN= 59.0]
      [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
      [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 396.:MNI=.013:SCI=    .0]
 012:0022----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE RESERVOIR -> 01:3503            23.53    2.906 No_date   12:15   55.57
      [RDT= 1.00] out<- 04:3503Pond       23.53     .438 No_date   13:08   55.57
            overflow <= 05:3503OVF         .00     .000 No_date    0:00     .00
     [MxStoUsed=.7043E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
 012:0023----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:3505            16.57     .245 No_date   13:10   18.68
      [CN= 44.2: N= 3.00]
      [Tp=  .94:DT= 5.00]
#                   FLOWS AT NODE 2 (UPSTREAM OF TENTH LINE)
 012:0024----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            04:3503Pond        23.53     .438 No_date   13:08   55.57
                    +  05:3503OVF         .00     .000 No_date    0:00     .00
                    +  02:RC            105.56    1.860 No_date   13:51   68.59
                    +  01:3505           16.57     .245 No_date   13:10   18.68
     [DT= 1.00]  SUM=  09:Node2         145.66    2.476 No_date   13:40   60.81
#                          MAIR MILLS VILLAGE
 012:0025----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:103             8.70     .346 No_date   12:35   29.81
      [CN= 59.2: N= 3.00]
      [Tp=  .48:DT= 5.00]
 012:0026----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:103             8.70     .346 No_date   12:35   29.81
                    +  03:To1023          9.24     .127 No_date   12:50   46.03
     [DT= 1.00]  SUM=  02:1023          17.94     .464 No_date   12:35   38.17
 012:0027----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:205             1.41     .075 No_date   12:15   23.71
      [CN= 51.1: N= 3.00]
      [Tp=  .20:DT= 5.00]
 012:0028----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:205             1.41     .075 No_date   12:15   23.71
                    +  02:1023          17.94     .464 No_date   12:35   38.17
     [DT= 1.00]  SUM=  03:802           19.35     .502 No_date   12:35   37.12
 012:0029----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD     01:201            18.41    2.973 No_date   12:12   56.96
      [XIMP=.43:TIMP=.56]
      [LOSS= 2 :CN= 49.0]
      [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=    .0]
      [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=    .0]
 012:0030----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:201            18.41    2.973 No_date   12:12   56.96
                    +  03:802           19.35     .502 No_date   12:35   37.12
     [DT= 1.00]  SUM=  02:803           37.76    3.255 No_date   12:12   46.79
 012:0031----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB NASHYD       01:202             1.10     .052 No_date   12:20   23.64
      [CN= 55.0: N= 3.00]
      [Tp=  .25:DT= 5.00]
 012:0032----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:202             1.10     .052 No_date   12:20   23.64
                    +  02:803           37.76    3.255 No_date   12:12   46.79
     [DT= 1.00]  SUM=  03:804           38.86    3.296 No_date   12:12   46.13
#                        MAIR MILLS VILLAGE SWMF
 012:0033----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE RESERVOIR -> 03:804           38.86    3.296 No_date   12:12   46.13
      [RDT= 1.00] out<- 02:1026          38.86     .619 No_date   13:06   46.13
            overflow <= 01:1026OVF        .00     .000 No_date    0:00     .00
     [MxStoUsed=.7316E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
 012:0034----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            02:1026            38.86     .619 No_date   13:06   46.13
                    +  01:1026OVF         .00     .000 No_date    0:00     .00
     [DT= 1.00]  SUM=  05:Pond1026ou      38.86     .619 No_date   13:06   46.13
#                  TENTH LINE DITCH FLOW SPLIT (OUTLETS A & B)
 012:0035----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     DIVERT HYD      -> 05:Pond1026ou    38.86     .619 No_date   13:06   46.13
            diverted <= 02:To807         15.24     .040 No_date   13:06   46.13
            diverted <= 07:To809         23.57     .560 No_date   13:06   46.13
            diverted <= 03:To1025          .06     .019 No_date   13:06   46.13
 012:0036----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
 *   CALIB NASHYD       01:207             1.22     .093 No_date   12:15   27.43
      [CN= 55.3: N= 3.00]
      [Tp=  .13:DT= 5.00]
 012:0037----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            01:207             1.22     .093 No_date   12:15   27.43
                    +  02:To807          15.24     .040 No_date   13:06   46.13
     [DT= 1.00]  SUM=  06:807           16.46     .133 No_date   12:15   44.74
 012:0038----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            03:To1025          .06     .019 No_date   13:06   46.13
                    +  09:Node2        145.66    2.476 No_date   13:40   60.81
     [DT= 1.00]  SUM=  01:1025          145.72    2.476 No_date   13:40   60.80
 012:0039----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            07:To809         23.57     .560 No_date   13:06   46.13
                    +  01:1025         145.72    2.476 No_date   13:40   60.80
     [DT= 1.00]  SUM=  09:809           169.29    3.018 No_date   13:34   58.76
#                                FLOWS TO OUTLET B
 012:0040----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            06:807           16.46     .133 No_date   12:15   44.74
                    +  10:To806          9.15     .020 No_date   12:50   46.03
     [DT= 1.00]  SUM=  01:806/outB        25.61     .153 No_date   12:15   45.21
#                    LINKSVIEW AND CONTRIBUTING AREAS
 012:0041----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD     05:3504            6.94     .936 No_date   12:13   55.57
      [XIMP=.30:TIMP=.50]
      [LOSS= 2 :CN= 59.0]
      [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
      [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 215.:MNI=.013:SCI=    .0]
 012:0042----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD     06:3500           38.20    4.241 No_date   12:16   52.96
      [XIMP=.30:TIMP=.50]
      [LOSS= 2 :CN= 54.9]
      [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
      [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 505.:MNI=.013:SCI=    .0]
 012:0043----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            05:3504            6.94     .936 No_date   12:13   55.57
                    +  06:3500           38.20    4.241 No_date   12:16   52.96
     [DT= 1.00]  SUM=  07:Pondin          45.14    5.139 No_date   12:15   53.37
 012:0044----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ROUTE RESERVOIR -> 07:Pondin         45.14    5.139 No_date   12:15   53.37
      [RDT= 1.00] out<- 08:LinkPond       45.14     .803 No_date   13:10   53.36
            overflow <= 06:OVF            .00     .000 No_date    0:00     .00
     [MxStoUsed=.1291E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
 012:0045----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     ADD HYD            08:LinkPond        45.14     .803 No_date   13:10   53.36
                    +  06:OVF             .00     .000 No_date    0:00     .00
     [DT= 1.00]  SUM=  04:Pondout         45.14     .803 No_date   13:10   53.36
#                  FLOWS FROM TENTH LINE (URBANIZED)
 012:0046----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD     03:3601             .25     .055 No_date   12:12   68.55
      [XIMP=.64:TIMP=.64]
      [LOSS= 2 :CN= 49.0]
      [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=    .0]
      [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.013:SCI=    .0]
 012:0047----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     CALIB STANDHYD     05:3602            1.30     .256 No_date   12:12   68.55
      [XIMP=.64:TIMP=.64]
      [LOSS= 2 :CN= 49.0]
      [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=    .0]
      [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.013:SCI=    .0]
 012:0048----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
     COMPUTE DUALHYD    05:3602            1.30     .256 No_date   12:12   68.55
       Major System /   02:Maj10th          .02     .036 No_date   12:12   68.55
       Minor System \   10:5yrflow         1.28     .220 No_date   12:09   68.55
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03511> #                          FLOWS FROM BMGCC SOUTHERN PORTION
03512>  012:0049----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03513>      CALIB STANDHYD     05:3507          12.59    1.482 No_date   12:14   51.21
03514>        [XIMP=.30:TIMP=.50]
03515>        [LOSS= 2 :CN= 52.0]
03516>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
03517>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 290.:MNI=.013:SCI=    .0]
03518>  012:0050----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03519>      ROUTE RESERVOIR -> 05:3507          12.59    1.482 No_date   12:14   51.21
03520>        [RDT= 1.00] out<- 06:3507Pond     12.59     .248 No_date   13:01   51.21
03521>              overflow <= 07:3507OVF        .00     .000 No_date    0:00     .00
03522>        [MxStoUsed=.3286E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03523>  012:0051----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03524>      ADD HYD            04:Pondout        45.14     .803 No_date   13:10   53.36
03525>                       + 07:3507OVF          .00     .000 No_date    0:00     .00
03526>                       + 06:3507Pond      12.59     .248 No_date   13:01   51.21
03527>                       + 10:5yrflow        1.28     .220 No_date   12:08   68.55
03528>        [DT= 1.00]  SUM=  05:LinkPipe     59.01    1.070 No_date   13:04   53.23
03529>  012:0052----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03530>      ADD HYD            05:LinkPipe       59.01    1.070 No_date   13:04   53.23
03531>                       + 02:Maj10th          .02     .036 No_date   12:12   68.55
03532>                       + 03:3601             .25     .055 No_date   12:12   68.55
03533>                       + 09:809           169.29    3.018 No_date   13:34   58.76
03534>        [DT= 1.00]  SUM=  08:Node3        228.57    4.053 No_date   13:29   57.34
03535>  012:0053----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03536>      ADD HYD            01:806/outB       25.61     .153 No_date   12:15   45.21
03537>                       + 08:Node3        228.57    4.053 No_date   13:29   57.34
03538>        [DT= 1.00]  SUM=  02:Node4        254.18    4.120 No_date   13:28   56.12
03539>   ** END OF RUN :  12
03540>
03541> ************************************************************************************
03542>
03543>
03544>
03545>
03546>
03547>  RUN:COMMAND#
03548>  013:0001----------------------------------------------------------------------------
03549>      START
03550>        [TZERO =    .00 hrs on        0]
03551>        [METOUT=   2    (1=imperial, 2=metric output)]
03552>        [NSTORM=   1 ]
03553>        [NRUN  =  13 ]
03554> #*************************************************************************
03555> #  Project Name: (Linksview Ultimate)  Project Number: [183-2687]
03556> #  Date        : 2014 08 22
03557> #  Modified    :
03558> #  Modeller    : (A. French]
03559> #  Company     : C.F. Crozier & Associates Inc.
03560> #  License #   :  3737016
03561> #*************************************************************************
03562> #*************************************************************************
03563>  013:0002----------------------------------------------------------------------------
03564>      READ STORM
03565>        Filename = STORM.001
03566>        Comment  =
03567>        [SDT= 1.00:SDUR=  24.00:PTOT= 108.00]
03568> #                  MAIR MILLS ESTATES AND CONTRIBUTING AREAS
03569>  013:0003----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03570>      CALIB STANDHYD     03:302           16.39    2.065 No_date   12:19   63.52
03571>        [XIMP=.20:TIMP=.40]
03572>        [LOSS= 2 :CN= 65.2]
03573>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
03574>        [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=    .0]
03575>  013:0004----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03576>      CALIB STANDHYD     01:303            2.34     .390 No_date   12:15   68.75
03577>        [XIMP=.25:TIMP=.50]
03578>        [LOSS= 2 :CN= 65.2]
03579>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
03580>        [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=    .0]
03581>  013:0005----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03582>      ADD HYD            01:303            2.34     .390 No_date   12:15   68.75
03583>                       + 03:302           16.39    2.065 No_date   12:19   63.52
03584>        [DT= 1.00]  SUM=  02:903           18.73    2.423 No_date   12:18   64.17
03585>  013:0006----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03586>      CALIB NASHYD       01:304            2.90     .258 No_date   12:20   46.05
03587>        [CN= 66.6: N= 3.00]
03588>        [Tp=  .28:DT= 5.00]
03589>  013:0007----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03590>      ADD HYD            01:304            2.90     .258 No_date   12:20   46.05
03591>                       + 02:903           18.73    2.423 No_date   12:18   64.17
03592>        [DT= 1.00]  SUM=  03:904           21.63    2.672 No_date   12:18   61.74
03593>  013:0008----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03594>      CALIB STANDHYD     01:305             .31     .029 No_date   12:12   56.88
03595>        [XIMP=.20:TIMP=.20]
03596>        [LOSS= 2 :CN= 65.2]
03597>        [Pervious     area: IAper= 5.00:SLPP= .50:LGP= 100.:MNP=.250:SCP=    .0]
03598>        [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=    .0]
03599>  013:0009----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03600>      ADD HYD            01:305             .31     .029 No_date   12:12   56.88
03601>                       + 03:904           21.63    2.672 No_date   12:18   61.74
03602>        [DT= 1.00]  SUM=  02:905           21.94    2.687 No_date   12:18   61.68
03603> #                        MAIR MILLS ESTATES SWMF
03604>  013:0010----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03605>      ROUTE RESERVOIR -> 02:905           21.94    2.687 No_date   12:18   61.68
03606>        [RDT= 1.00] out<- 03:502          21.94     .221 No_date   14:24   61.67
03607>              overflow <= 04:502OVF         .00     .000 No_date    0:00     .00
03608>        [MxStoUsed=.8589E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03609>  013:0011----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03610>      CALIB NASHYD       01:400            5.70     .156 No_date   12:50   27.44
03611>        [CN= 50.2: N= 3.00]
03612>        [Tp=  .70:DT= 5.00]
03613>  013:0012----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03614>      ADD HYD            01:400            5.70     .156 No_date   12:50   27.44
03615>                       + 03:502          21.94     .221 No_date   14:24   61.67
03616>                       + 04:502OVF           .00     .000 No_date    0:00     .00
03617>        [DT= 1.00]  SUM=  02:906          27.64     .307 No_date   12:50   54.61
03618> #      FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
03619>  013:0013----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03620>      DIVERT HYD       -> 02:906          27.64     .307 No_date   12:50   54.61
03621>              diverted <= 10:To806          8.16     .020 No_date   12:50   54.61
03622>              diverted <= 03:To1023         9.74     .143 No_date   12:50   54.61
03623>              diverted <= 01:To1022         9.74     .143 No_date   12:50   54.61
03624> #                  TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
03625>  013:0014----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03626>      CALIB STANDHYD     01:3501          66.62   11.975 No_date   12:18   84.23
03627>        [XIMP=.30:TIMP=.50]
03628>        [LOSS= 2 :CN= 81.5]
03629>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
03630>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 666.:MNI=.013:SCI=    .0]
03631>  013:0015----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03632>      ROUTE RESERVOIR -> 01:3501          66.62   11.975 No_date   12:18   84.23
03633>        [RDT= 1.00] out<- 02:3501Pond     66.62    1.498 No_date   13:20   84.22
03634>              overflow <= 04:3501OVF        .00     .000 No_date    0:00     .00
03635>        [MxStoUsed=.3312E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03636>  013:0016----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03637>      CALIB STANDHYD     01:3502          28.70    5.598 No_date   12:16   83.05
03638>        [XIMP=.30:TIMP=.50]
03639>        [LOSS= 2 :CN= 80.3]
03640>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
03641>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 437.:MNI=.013:SCI=    .0]
03642>  013:0017----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03643>      ROUTE RESERVOIR -> 01:3502          28.70    5.598 No_date   12:16   83.05
03644>        [RDT= 1.00] out<- 05:3502Pond     28.70     .645 No_date   13:14   83.05
03645>              overflow <= 06:3502OVF        .00     .000 No_date    0:00     .00
03646>        [MxStoUsed=.1404E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03647>  013:0018----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03648>      CALIB NASHYD       01:3506          10.24     .420 No_date   12:45   38.28
03649>        [CN= 61.8: N= 3.00]
03650>        [Tp=  .66:DT= 5.00]
03651> #                                FLOWS AT NODE 1
03652>  013:0019----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03653>      ADD HYD            02:3501Pond       66.62    1.498 No_date   13:20   84.22
03654>                       + 04:3501OVF          .00     .000 No_date    0:00     .00
03655>                       + 05:3502Pond     28.70     .645 No_date   13:14   83.05
03656>                       + 06:3502OVF          .00     .000 No_date    0:00     .00
03657>                       + 01:3506          10.24     .420 No_date   12:45   38.28
03658>        [DT= 1.00]  SUM=  07:Node1       105.56    2.498 No_date   13:05   79.45
03659>  013:0020----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03660>      ROUTE CHANNEL    -> 07:Node1       105.56    2.498 No_date   13:05   79.45
03661>        [RDT= 1.00] out<- 02:RC           105.56    2.298 No_date   13:45   79.45
03662>        [L/S/n= 1400./1.200/.030]
03663>        [Vmax=  .870:Dmax=  .793]
03664>  013:0021----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03665>      CALIB STANDHYD     01:3503          23.53    3.500 No_date   12:15   64.92
03666>        [XIMP=.30:TIMP=.50]
03667>        [LOSS= 2 :CN= 59.0]
03668>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
03669>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 396.:MNI=.013:SCI=    .0]
03670>  013:0022----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03671>      ROUTE RESERVOIR -> 01:3503          23.53    3.500 No_date   12:15   64.92
03672>        [RDT= 1.00] out<- 04:3503Pond     23.53     .540 No_date   13:05   64.92
03673>              overflow <= 05:3503OVF        .00     .000 No_date    0:00     .00
03674>        [MxStoUsed=.8151E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03675>  013:0023----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03676>      CALIB NASHYD       01:3505          16.57     .309 No_date   13:10   23.48
03677>        [CN= 44.2: N= 3.00]
03678>        [Tp=  .94:DT= 5.00]
03679> #                  FLOWS AT NODE 2 (UPSTREAM OF TENTH LINE)
03680>  013:0024----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03681>      ADD HYD            04:3503Pond       23.53     .540 No_date   13:05   64.92
03682>                       + 05:3503OVF          .00     .000 No_date    0:00     .00
03683>                       + 02:RC           105.56    2.298 No_date   13:45   79.45
03684>                       + 01:3505          16.57     .309 No_date   13:10   23.48
03685>        [DT= 1.00]  SUM=  09:Node2       145.66    3.076 No_date   13:34   70.73
03686> #                              MAIR MILLS VILLAGE
03687>  013:0025----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03688>      CALIB NASHYD       01:103            8.70     .429 No_date   12:35   36.76
03689>        [CN= 59.2: N= 3.00]
03690>        [Tp=  .48:DT= 5.00]
03691>  013:0026----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03692>      ADD HYD            01:103            8.70     .429 No_date   12:35   36.76
03693>                       + 03:To1023           9.74     .143 No_date   12:50   54.61
03694>        [DT= 1.00]  SUM=  02:1023          18.44     .564 No_date   12:35   46.19
03695>  013:0027----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03696>      CALIB NASHYD       01:205            1.41     .094 No_date   12:15   29.50
03697>        [CN= 51.1: N= 3.00]
03698>        [Tp=  .20:DT= 5.00]
03699>  013:0028----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03700>      ADD HYD            01:205            1.41     .094 No_date   12:15   29.50
03701>                       + 02:1023          18.44     .564 No_date   12:35   46.19
03702>        [DT= 1.00]  SUM=  03:802           19.85     .613 No_date   12:30   45.00
03703>  013:0029----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03704>      CALIB STANDHYD     01:201           18.41    3.504 No_date   12:12   65.82
03705>        [XIMP=.43:TIMP=.56]
03706>        [LOSS= 2 :CN= 49.0]
03707>        [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=    .0]
03708>        [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=    .0]
03709>  013:0030----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03710>      ADD HYD            01:201           18.41    3.504 No_date   12:12   65.82
03711>                       + 03:802           19.85     .613 No_date   12:30   45.00
03712>        [DT= 1.00]  SUM=  02:803           38.26    3.872 No_date   12:12   55.02
03713>  013:0031----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03714>      CALIB NASHYD       01:202            1.10     .067 No_date   12:20   29.75
03715>        [CN= 55.0: N= 3.00]
03716>        [Tp=  .25:DT= 5.00]
03717>  013:0032----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03718>      ADD HYD            01:202            1.10     .067 No_date   12:20   29.75
03719>                       + 02:803           38.26    3.872 No_date   12:12   55.02
03720>        [DT= 1.00]  SUM=  03:804           39.36    3.924 No_date   12:12   54.31
03721> #                        MAIR MILLS VILLAGE SWMF
03722>  013:0033----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03723>      ROUTE RESERVOIR -> 03:804           39.36    3.924 No_date   12:12   54.31
03724>        [RDT= 1.00] out<- 02:1026         39.36     .794 No_date   13:02   54.31
03725>              overflow <= 01:1026OVF        .00     .000 No_date    0:00     .00
03726>        [MxStoUsed=.8269E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03727>  013:0034----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03728>      ADD HYD            02:1026           39.36     .794 No_date   13:02   54.31
03729>                       + 01:1026OVF          .00     .000 No_date    0:00     .00
03730>        [DT= 1.00]  SUM=  05:Pond1026ou   39.36     .794 No_date   13:02   54.31
03731> #                TENTH LINE DITCH FLOW SPLIT (OUTLETS A & B)
03732>  013:0035----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03733>      DIVERT HYD       -> 05:Pond1026ou  39.36     .794 No_date   13:02   54.31
03734>              diverted <= 02:To807         13.76     .041 No_date   13:02   54.31
03735>              diverted <= 07:To809         24.01     .560 No_date   13:02   54.31
03736>              diverted <= 03:To1025         1.59     .193 No_date   13:02   54.31
03737>  013:0036----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03738>   *  CALIB NASHYD       01:207            1.22     .114 No_date   12:15   33.85
03739>        [CN= 55.3: N= 3.00]
03740>        [Tp=  .13:DT= 5.00]
03741>  013:0037----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03742>      ADD HYD            01:207            1.22     .114 No_date   12:15   33.85
03743>                       + 02:To807         13.76     .041 No_date   13:02   54.31
03744>        [DT= 1.00]  SUM=  06:807           14.98     .154 No_date   12:15   52.65
03745>  013:0038----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03746>      ADD HYD            03:To1025         1.59     .193 No_date   13:02   54.31
03747>                       + 09:Node2        145.66    3.076 No_date   13:34   70.73
03748>        [DT= 1.00]  SUM=  01:1025          147.25    3.217 No_date   13:29   70.56
03749>  013:0039----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03750>      ADD HYD            07:To809          24.01     .560 No_date   13:02   54.31
03751>                       + 01:1025          147.25    3.217 No_date   13:29   70.56
03752>        [DT= 1.00]  SUM=  09:809          171.26    3.777 No_date   13:29   68.28
03753> #                              FLOWS TO OUTLET B
03754>  013:0040----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03755>      ADD HYD            06:807           14.98     .154 No_date   12:15   52.65
03756>                       + 10:To806            8.16     .020 No_date   12:50   54.61
03757>        [DT= 1.00]  SUM=  01:806/outB      23.14     .174 No_date   12:15   53.34
03758> #                        LINKSVIEW AND CONTRIBUTING AREAS
03759>  013:0041----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03760>      CALIB STANDHYD     05:3504           6.94    1.126 No_date   12:13   64.92
03761>        [XIMP=.30:TIMP=.50]
03762>        [LOSS= 2 :CN= 59.0]
03763>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
03764>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 215.:MNI=.013:SCI=    .0]
03765>  013:0042----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03766>      CALIB STANDHYD     06:3500          38.20    5.102 No_date   12:16   61.92
03767>        [XIMP=.30:TIMP=.50]
03768>        [LOSS= 2 :CN= 54.9]
03769>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=    .0]
03770>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 505.:MNI=.013:SCI=    .0]
03771>  013:0043----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03772>      ADD HYD            05:3504           6.94    1.126 No_date   12:13   64.92
03773>                       + 06:3500          38.20    5.102 No_date   12:16   61.92
03774>        [DT= 1.00]  SUM=  07:Pondin        45.14    6.175 No_date   12:15   62.38
03775>  013:0044----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03776>      ROUTE RESERVOIR -> 07:Pondin        45.14    6.175 No_date   12:15   62.38
03777>        [RDT= 1.00] out<- 08:LinkPond     45.14    1.000 No_date   13:06   62.38
03778>              overflow <= 06:OVF            .00     .000 No_date    0:00     .00
03779>        [MxStoUsed=.1492E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03780>  013:0045----------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
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100 yr SCS

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03781>      ADD HYD            08:LinkPond      45.14    1.000 No_date   13:06   62.38
03782>                   +  06:OVF              .00     .000 No_date    0:00     .00
03783>       [DT= 1.00]  SUM=  04:Pondout       45.14    1.000 No_date   13:06   62.38
03784> #                      FLOWS FROM TENTH LINE (URBANIZED)
03785>  013:0046---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03786>      CALIB STANDHYD     03:3601            .25     .063 No_date   12:12   78.24
03787>        [XIMP=.64:TIMP=.64]
03788>        [LOSS= 2 :CN= 49.0]
03789>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
03790>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.013:SCI=   .0]
03791>  013:0047---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03792>      CALIB STANDHYD     05:3602            1.30     .296 No_date   12:12   78.24
03793>        [XIMP=.64:TIMP=.64]
03794>        [LOSS= 2 :CN= 49.0]
03795>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
03796>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.013:SCI=   .0]
03797>  013:0048---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03798>      COMPUTE DUALHYD    05:3602            1.30     .296 No_date   12:12   78.24
03799>         Major System /  02:Maj10th          .04     .076 No_date   12:12   78.24
03800>         Minor System \  10:5yrflow         1.26     .220 No_date   12:06   78.24
03801> #                      FLOWS FROM BMGCC SOUTHERN PORTION
03802>  013:0049---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03803>      CALIB STANDHYD     05:3507           12.59    1.777 No_date   12:14   59.88
03804>        [XIMP=.30:TIMP=.50]
03805>        [LOSS= 2 :CN= 52.0]
03806>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
03807>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 290.:MNI=.013:SCI=   .0]
03808>  013:0050---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03809>      ROUTE RESERVOIR -> 05:3507           12.59    1.777 No_date   12:14   59.88
03810>        [RDT= 1.00] out<- 06:3507Pond      12.59     .307 No_date   12:56   59.87
03811>              overflow <= 07:3507OVF         .00     .000 No_date    0:00     .00
03812>       [MxStoUsed=.3803E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03813>  013:0051---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03814>      ADD HYD                04:Pondout     45.14    1.000 No_date   13:06   62.38
03815>                         +  07:3507OVF        .00     .000 No_date    0:00     .00
03816>                         +  06:3507Pond     12.59     .307 No_date   12:56   59.87
03817>                         +  10:5yrflow       1.26     .220 No_date   12:06   78.24
03818>       [DT= 1.00]  SUM=  05:LinkPipe       58.99    1.331 No_date   13:02   62.18
03819>  013:0052---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03820>      ADD HYD            05:LinkPipe      58.99    1.331 No_date   13:02   62.18
03821>                      +  02:Maj10th         .04     .076 No_date   12:12   78.24
03822>                      +  03:3601            .25     .063 No_date   12:12   78.24
03823>                      +  09:809          171.26    3.777 No_date   13:29   68.20
03824>       [DT= 1.00]  SUM=  08:Node3        230.54    5.064 No_date   13:24   66.73
03825>  013:0053---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03826>      ADD HYD            01:806/outB      23.14     .174 No_date   12:15   53.34
03827>                      +  08:Node3        230.54    5.064 No_date   13:24   66.73
03828>       [DT= 1.00]  SUM=  02:Node4        253.68    5.134 No_date   13:24   65.51
03829>   ** END OF RUN :  13
03830>
03831> ************************************************************************************
03832>
03833>
03834>
03835>
03836>
03837>  RUN:COMMAND#
03838>  014:0001---------------------------------------------------------------------------
03839>      START
03840>        [TZERO =    .00 hrs on        0]
03841>        [METOUT=   2      (1=imperial, 2=metric output)]
03842>        [NSTORM=   1 ]
03843>        [NRUN  =  14 ]
03844> #*********************************************************************************
03845> #  Project Name: [Linksview Ultimate]  Project Number: [183-2687]
03846> #  Date        : 2014 08 22
03847> #  Modified    :
03848> #  Modeller    : [A. French]
03849> #  Company     : C.F. Crozier & Associates Inc.
03850> #  License #   :  3737016
03851> #*********************************************************************************
03852> #*********************************************************************************
03853>  014:0002---------------------------------------------------------------------------
03854>      READ STORM
03855>       Filename = STORM.001
03856>       Comment  =
03857>       [SDT=60.00:SDUR=  12.00:PTOT= 193.00]
03858> #                MAIR MILLS ESTATES AND CONTRIBUTING AREAS
03859>  014:0003---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03860>      CALIB STANDHYD     03:302            16.39    1.423 No_date    7:04  136.79
03861>        [XIMP=.20:TIMP=.40]
03862>        [LOSS= 2 :CN= 65.2]
03863>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
03864>        [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 700.:MNI=.013:SCI=   .0]
03865>  014:0004---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03866>      CALIB STANDHYD     01:303             2.34     .224 No_date    7:01  144.22
03867>        [XIMP=.25:TIMP=.50]
03868>        [LOSS= 2 :CN= 65.2]
03869>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
03870>        [Impervious   area: IAimp= 1.50:SLPI= .50:LGI= 300.:MNI=.013:SCI=   .0]
03871>  014:0005---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03872>      ADD HYD            01:303             2.34     .224 No_date    7:01  144.22
03873>                      +  03:302            16.39    1.423 No_date    7:04  136.79
03874>       [DT= 1.00]  SUM=  02:903            18.73    1.645 No_date    7:03  137.71
03875>  014:0006---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03876>      CALIB NASHYD       01:304             2.90     .230 No_date    7:00  112.07
03877>        [CN= 66.6: N= 3.00]
03878>        [Tp=  .28:DT= 5.00]
03879>  014:0007---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03880>      ADD HYD            01:304             2.90     .230 No_date    7:00  112.07
03881>                      +  02:903            18.73    1.645 No_date    7:03  137.71
03882>       [DT= 1.00]  SUM=  03:904            21.63    1.873 No_date    7:03  134.28
03883>  014:0008---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03884>      CALIB STANDHYD     01:305              .31     .023 No_date    7:00  125.69
03885>        [XIMP=.20:TIMP=.20]
03886>        [LOSS= 2 :CN= 65.2]
03887>        [Pervious     area: IAper= 5.00:SLPP=  .50:LGP= 100.:MNP=.250:SCP=   .0]
03888>        [Impervious   area: IAimp= 1.50:SLPI=2.00:LGI=   3.:MNI=.013:SCI=   .0]
03889>  014:0009---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03890>      ADD HYD            01:305              .31     .023 No_date    7:00  125.69
03891>                      +  03:904            21.63    1.873 No_date    7:03  134.28
03892>       [DT= 1.00]  SUM=  02:905            21.94    1.892 No_date    7:03  134.15
03893> #                        MAIR MILLS ESTATES SWMF
03894>  014:0010---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03895>      ROUTE RESERVOIR -> 02:905            21.94    1.892 No_date    7:03  134.15
03896>        [RDT= 1.00] out<- 03:502            21.94    1.143 No_date    9:09  134.15
03897>              overflow <= 04:502OVF          .00     .000 No_date    0:00     .00
03898>       [MxStoUsed=.1129E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03899>  014:0011---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03900>      CALIB NASHYD       01:400             5.70     .237 No_date    7:25   76.99
03901>        [CN= 50.2: N= 3.00]
03902>        [Tp=  .70:DT= 5.00]
03903>  014:0012---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03904>      ADD HYD            01:400             5.70     .237 No_date    7:25   76.99
03905>                      +  03:502            21.94    1.143 No_date    9:09  134.15
03906>                      +  04:502OVF           .00     .000 No_date    0:00     .00
03907>       [DT= 1.00]  SUM=  02:906            27.64    1.345 No_date    9:09  122.36
03908> #        FLOW SPLIT (CRANBERRY MARSH AND BLACK ASH CREEK OUTLETS)
03909>  014:0013---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03910>      DIVERT HYD         -> 02:906            27.64    1.345 No_date    9:09  122.36
03911>            diverted <= 10:To606             3.68     .020 No_date    9:09  122.36
03912>            diverted <= 02:To1023           11.98     .662 No_date    9:09  122.36
03913>            diverted <= 01:To1022           11.98     .662 No_date    9:09  122.36
03914> #                TAYLOR'S CREEK UPSTREAM CATCHMENT AREAS
03915>  014:0014---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03916>      CALIB STANDHYD     01:3501            66.62    7.032 No_date    7:02  166.22
03917>        [XIMP=.30:TIMP=.50]
03918>        [LOSS= 2 :CN= 81.5]
03919>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
03920>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 666.:MNI=.013:SCI=   .0]
03921>  014:0015---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03922>      ROUTE RESERVOIR -> 01:3501           66.62    7.032 No_date    7:02  166.22
03923>        [RDT= 1.00] out<- 02:3501Pond      66.62    2.684 No_date    9:44  166.22
03924>              overflow <= 04:3501OVF         .00     .000 No_date    0:00     .00
03925>       [MxStoUsed=.5625E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03926>  014:0016---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03927>      CALIB STANDHYD     01:3502            28.70    3.069 No_date    7:01  164.67
03928>        [XIMP=.30:TIMP=.50]
03929>        [LOSS= 2 :CN= 80.3]
03930>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
03931>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 437.:MNI=.013:SCI=   .0]
03932>  014:0017---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03933>      ROUTE RESERVOIR -> 01:3502           28.70    3.069 No_date    7:01  164.67
03934>        [RDT= 1.00] out<- 05:3502Pond      28.70    1.162 No_date    9:36  164.67
03935>              overflow <= 06:3502OVF         .00     .000 No_date    0:00     .00
03936>       [MxStoUsed=.2389E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03937>  014:0018---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03938>      CALIB NASHYD       01:3506            10.24     .576 No_date    7:20   99.28
03939>        [CN= 61.8: N= 3.00]
03940>        [Tp=  .66:DT= 5.00]
03941> #                                FLOWS AT NODE 1
03942>  014:0019---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03943>      ADD HYD            02:3501Pond        66.62    2.684 No_date    9:44  166.22
03944>                      +  04:3501OVF          .00     .000 No_date    0:00     .00
03945>                      +  05:3502Pond       28.70    1.162 No_date    9:36  164.67
03946>                      +  06:3502OVF          .00     .000 No_date    0:00     .00
03947>                      +  01:3506           10.24     .576 No_date    7:20   99.28
03948>       [DT= 1.00]  SUM=  07:Node1          105.56    4.261 No_date    9:25  159.30
03949>  014:0020---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03950>      ROUTE CHANNEL   -> 07:Node1          105.56    4.261 No_date    9:25  159.30
03951>        [RDT= 1.00] out<- 02:RC            105.56    4.211 No_date    9:49  159.30
03952>        [L/S/n= 1400./1.200/.030]
03953>        [Vmax=  .926:Dmax=  .882]
03954>  014:0021---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03955>      CALIB STANDHYD     01:3503            23.53    2.088 No_date    7:01  136.91
03956>        [XIMP=.30:TIMP=.50]
03957>        [LOSS= 2 :CN= 59.0]
03958>        [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
03959>        [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 396.:MNI=.013:SCI=   .0]
03960>  014:0022---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03961>      ROUTE RESERVOIR -> 01:3503           23.53    2.088 No_date    7:01  136.91
03962>        [RDT= 1.00] out<- 04:3503Pond      23.53     .953 No_date    9:24  136.91
03963>              overflow <= 05:3503OVF         .00     .000 No_date    0:00     .00
03964>       [MxStoUsed=.1359E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
03965>  014:0023---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03966>      CALIB NASHYD       01:3505            16.57     .528 No_date    7:50   67.27
03967>        [CN= 44.2: N= 3.00]
03968>        [Tp=  .94:DT= 5.00]
03969> #                  FLOWS AT NODE 2 (UPSTREAM OF TENTH LINE)
03970>  014:0024---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03971>      ADD HYD            04:3503Pond        23.53     .953 No_date    9:24  136.91
03972>                      +  05:3503OVF          .00     .000 No_date    0:00     .00
03973>                      +  02:RC            105.56    4.211 No_date    9:49  159.30
03974>                      +  01:3505           16.57     .528 No_date    7:50   67.27
03975>       [DT= 1.00]  SUM=  09:Node2          145.66    5.642 No_date    9:35  145.21
03976> #                          MAIR MILLS VILLAGE
03977>  014:0025---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03978>      CALIB NASHYD       01:103              8.70     .523 No_date    7:10   95.57
03979>        [CN= 59.2: N= 3.00]
03980>        [Tp=  .48:DT= 5.00]
03981>  014:0026---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03982>      ADD HYD            01:103              8.70     .523 No_date    7:10   95.57
03983>                      +  03:To1023          11.98     .662 No_date    9:09  122.36
03984>       [DT= 1.00]  SUM=  02:1023           20.68    1.102 No_date    7:26  111.09
03985>  014:0027---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03986>      CALIB NASHYD       01:205              1.41     .082 No_date    7:00   80.43
03987>        [CN= 51.1: N= 3.00]
03988>        [Tp=  .20:DT= 5.00]
03989>  014:0028---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03990>      ADD HYD            01:205              1.41     .082 No_date    7:00   80.43
03991>                      +  02:1023           20.68    1.102 No_date    7:26  111.09
03992>       [DT= 1.00]  SUM=  03:802            22.09    1.150 No_date    7:25  109.13
03993>  014:0029---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
03994>      CALIB STANDHYD     01:201             18.41    1.622 No_date    7:00  134.10
03995>        [XIMP=.43:TIMP=.56]
03996>        [LOSS= 2 :CN= 49.0]
03997>        [Pervious     area: IAper= 6.00:SLPP=2.00:LGP=  20.:MNP=.250:SCP=   .0]
03998>        [Impervious   area: IAimp= 1.00:SLPI=1.00:LGI= 180.:MNI=.013:SCI=   .0]
03999>  014:0030---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04000>      ADD HYD            01:201             18.41    1.622 No_date    7:00  134.10
04001>                      +  03:802            22.09    1.150 No_date    7:25  109.13
04002>       [DT= 1.00]  SUM=  02:803            40.50    2.573 No_date    7:01  120.48
04003>  014:0031---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04004>      CALIB NASHYD       01:202              1.10     .066 No_date    7:00   83.47
04005>        [CN= 55.0: N= 3.00]
04006>        [Tp=  .25:DT= 5.00]
04007>  014:0032---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04008>      ADD HYD            01:202              1.10     .066 No_date    7:00   83.47
04009>                      +  02:803            40.50    2.573 No_date    7:01  120.48
04010>       [DT= 1.00]  SUM=  03:804            41.60    2.639 No_date    7:01  119.50
04011> #                        MAIR MILLS VILLAGE SWMF
04012>  014:0033---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04013>      ROUTE RESERVOIR -> 03:804            41.60    2.639 No_date    7:01  119.50
04014>        [RDT= 1.00] out<- 02:1026          41.60    2.510 No_date    7:05  119.50
04015>              overflow <= 01:1026OVF         .00     .000 No_date    0:00     .00
04016>       [MxStoUsed=.9793E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
04017>  014:0034---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04018>      ADD HYD            02:1026            41.60    2.510 No_date    7:05  119.50
04019>                      +  01:1026OVF          .00     .000 No_date    0:00     .00
04020>       [DT= 1.00]  SUM=  05:Pond1026ou      41.60    2.510 No_date    7:05  119.50
04021> #                TENTH LINE DITCH FLOW SPLIT (OUTLETS A & B)
04022>  014:0035---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04023>      DIVERT HYD         -> 05:Pond1026ou    41.60    2.510 No_date    7:05  119.50
04024>            diverted <= 02:To807             6.48     .049 No_date    7:05  119.50
04025>            diverted <= 07:To809            16.89     .560 No_date    7:05  119.50
04026>            diverted <= 03:To1025           18.23    1.901 No_date    7:05  119.50
04027>  014:0036---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04028>   *  CALIB NASHYD       01:207              1.22     .081 No_date    7:00   89.14
04029>        [CN= 55.3: N= 3.00]
04030>        [Tp=  .13:DT= 5.00]
04031>  014:0037---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04032>      ADD HYD            01:207              1.22     .081 No_date    7:00   89.14
04033>                      +  02:To807             6.48     .049 No_date    7:05  119.50
04034>       [DT= 1.00]  SUM=  06:807               7.70     .130 No_date    7:00  114.69
04035>  014:0038---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04036>      ADD HYD            03:To1025          18.23    1.901 No_date    7:05  119.50
04037>                      +  09:Node2          145.66    5.642 No_date    9:35  145.21
04038>       [DT= 1.00]  SUM=  01:1025           163.89    6.958 No_date    9:05  142.35
04039>  014:0039---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04040>      ADD HYD            07:To809           16.89     .560 No_date    7:05  119.50
04041>                      +  01:1025           163.89    6.958 No_date    9:05  142.35
04042>       [DT= 1.00]  SUM=  09:809            180.78    7.518 No_date    9:05  140.22
04043> #                                FLOWS TO OUTLET B
04044>  014:0040---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04045>      ADD HYD            06:807              7.70     .130 No_date    7:00  114.69
04046>                      +  10:To806             3.68     .020 No_date    9:09  122.36
04047>       [DT= 1.00]  SUM=  01:806/outB         11.38     .150 No_date    7:00  117.17
04048> #                        LINKSVIEW AND CONTRIBUTING AREAS
04049>  014:0041---------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04050>      CALIB STANDHYD     05:3504             6.94     .628 No_date    7:00  136.91
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Timmins

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04051>       [XIMP=.30:TIMP=.50]
04052>       [LOSS= 2 :CN= 59.0]
04053>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
04054>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 215.:MNI=.013:SCI=   .0]
04055>  014:0042----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04056>      CALIB STANDHYD     06:3500          38.20     3.201 No_date    7:02  131.51
04057>       [XIMP=.30:TIMP=.50]
04058>       [LOSS= 2 :CN= 54.9]
04059>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
04060>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 505.:MNI=.013:SCI=   .0]
04061>  014:0043----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04062>      ADD HYD            05:3504           6.94      .628 No_date    7:00  136.91
04063>                       + 06:3500          38.20     3.201 No_date    7:02  131.51
04064>       [DT= 1.00]  SUM=  07:Pondin         45.14     3.827 No_date    7:01  132.34
04065>  014:0044----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04066>      ROUTE RESERVOIR -> 07:Pondin         45.14     3.827 No_date    7:01  132.34
04067>       [RDT= 1.00] out<- 08:LinkPond       45.14     1.778 No_date    9:25  132.34
04068>             overflow <= 06:OVF             .00      .000 No_date    0:00     .00
04069>      [MxStoUsed=.2502E+01, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
04070>  014:0045----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04071>      ADD HYD            08:LinkPond       45.14     1.778 No_date    9:25  132.34
04072>                       + 06:OVF             .00      .000 No_date    0:00     .00
04073>       [DT= 1.00]  SUM=  04:Pondout        45.14     1.778 No_date    9:25  132.34
04074> #                      FLOWS FROM TENTH LINE (URBANIZED)
04075>  014:0046----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04076>      CALIB STANDHYD     03:3601           .25      .024 No_date    7:00  150.37
04077>       [XIMP=.64:TIMP=.64]
04078>       [LOSS= 2 :CN= 49.0]
04079>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
04080>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI=  48.:MNI=.013:SCI=   .0]
04081>  014:0047----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04082>      CALIB STANDHYD     05:3602          1.30      .126 No_date    7:00  150.37
04083>       [XIMP=.64:TIMP=.64]
04084>       [LOSS= 2 :CN= 49.0]
04085>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=   3.:MNP=.250:SCP=   .0]
04086>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 250.:MNI=.013:SCI=   .0]
04087>  014:0048----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04088>      COMPUTE DUALHYD    05:3602          1.30      .126 No_date    7:00  150.37
04089>        Major System /   02:Majl0th        .00      .000 No_date    0:00     .00
04090>        Minor System \   10:Syrflow       1.30      .126 No_date    7:00  150.37
04091> #                      FLOWS FROM BMGCC SOUTHERN PORTION
04092>  014:0049----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04093>      CALIB STANDHYD     05:3507          12.59     1.043 No_date    7:01  127.68
04094>       [XIMP=.30:TIMP=.50]
04095>       [LOSS= 2 :CN= 52.0]
04096>       [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  40.:MNP=.250:SCP=   .0]
04097>       [Impervious   area: IAimp= 2.00:SLPI= .50:LGI= 290.:MNI=.013:SCI=   .0]
04098>  014:0050----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04099>      ROUTE RESERVOIR -> 05:3507          12.59     1.043 No_date    7:01  127.68
04100>       [RDT= 1.00] out<- 06:3507Pond      12.59      .509 No_date    9:18  127.68
04101>             overflow <= 07:3507OVF         .00      .000 No_date    0:00     .00
04102>      [MxStoUsed=.6137E+00, TotOvfVol=.0000E+00, N-Ovf=    0, TotDurOvf=    0.hrs
04103>  014:0051----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04104>      ADD HYD            04:Pondout        45.14     1.778 No_date    9:25  132.34
04105>                       + 07:3507OVF         .00      .000 No_date    0:00     .00
04106>                       + 06:3507Pond      12.59      .509 No_date    9:18  127.68
04107>                       + 10:Syrflow        1.30      .126 No_date    7:00  150.37
04108>       [DT= 1.00]  SUM=  05:LinkPipe       59.03     2.330 No_date    9:19  131.74
04109>  014:0052----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04110>      ADD HYD            05:LinkPipe       59.03     2.330 No_date    9:19  131.74
04111>                       + 02:Majl0th         .00      .000 No_date    0:00     .00
04112>                       + 03:3601            .25      .024 No_date    7:00  150.37
04113>                       + 09:B09           180.78     7.518 No_date    9:05  140.22
04114>       [DT= 1.00]  SUM=  08:Node3         240.06     9.852 No_date    9:05  138.14
04115>  014:0053----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-
04116>      ADD HYD            01:B06/outB       11.38      .150 No_date    7:00  117.17
04117>                       + 08:Node3         240.06     9.852 No_date    9:05  138.14
04118>       [DT= 1.00]  SUM=  02:Node4         251.44     9.964 No_date    9:05  137.19
04119>  014:0002----------------------------------------------------------------------------
04120>       FINISH
04121> ----------------------------------------------------------------------------
04122> ****************************************************************************
04123>      WARNINGS / ERRORS / NOTES
04124>      -------------------------
04125>  001:0036 CALIB NASHYD
04126>       *** WARNING: Time step is too large for value of TP.
04127>                    R.V. may be ok.  Peak flow could be off.
04128>       *** WARNING: Time step is too large for value of TP.
04129>                    R.V. may be ok.  Peak flow could be off.
04130>       *** WARNING: Time step is too large for value of TP.
04131>                    R.V. may be ok.  Peak flow could be off.
04132>       *** WARNING: Time step is too large for value of TP.
04133>                    R.V. may be ok.  Peak flow could be off.
04134>       *** WARNING: Time step is too large for value of TP.
04135>                    R.V. may be ok.  Peak flow could be off.
04136>       *** WARNING: Time step is too large for value of TP.
04137>                    R.V. may be ok.  Peak flow could be off.
04138>       *** WARNING: Time step is too large for value of TP.
04139>                    R.V. may be ok.  Peak flow could be off.
04140>       *** WARNING: Time step is too large for value of TP.
04141>                    R.V. may be ok.  Peak flow could be off.
04142>       *** WARNING: Time step is too large for value of TP.
04143>                    R.V. may be ok.  Peak flow could be off.
04144>       *** WARNING: Time step is too large for value of TP.
04145>                    R.V. may be ok.  Peak flow could be off.
04146>       *** WARNING: Time step is too large for value of TP.
04147>                    R.V. may be ok.  Peak flow could be off.
04148>       *** WARNING: Time step is too large for value of TP.
04149>                    R.V. may be ok.  Peak flow could be off.
04150>       *** WARNING: Time step is too large for value of TP.
04151>                    R.V. may be ok.  Peak flow could be off.
04152>       *** WARNING: Time step is too large for value of TP.
04153>                    R.V. may be ok.  Peak flow could be off.
04154>    Simulation ended on 2014-10-17     at 14:14:04
04155> ----------------------------------------------------------------------------
04156>
04157>
```

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Consulting Engineers

Project: Linksview
Project No.: 183-2687
Design by: KW
Date: 13/10/2014

POND UNIT FLOW RATE SUMMARY (ULTIMATE DEVELOPMENT SCENARIO MODELING)

		3501 Pond		3502 Pond		3503 Pond		3507 Pond		Linksview Pond		Calculated Target
		66.6 ha		28.7 ha		23.5 ha		12.6 ha		45.1 ha		Unit Flow Rates
	Storm	Pond Outflow (m^3/s)	Unit Flow Rate (L/s/ha)	Pond Outflow (m^3/s)	Unit Flow Rate (L/s/ha)	Pond Outflow (m^3/s)	Unit Flow Rate (L/s/ha)	Pond Outflow (m^3/s)	Unit Flow Rate (L/s/ha)	Pond Outflow (m^3/s)	Unit Flow Rate (L/s/ha)	(L/s/ha)
Chicago	2	0.13	**2**	0.06	**2**	0.05	**2**	0.03	**2**	0.09	**2**	4
	5	0.37	**6**	0.16	**6**	0.13	**6**	0.08	**6**	0.24	**5**	6
	10	0.56	**8**	0.24	**8**	0.20	**8**	0.12	**9**	0.35	**8**	9
	25	0.81	**12**	0.35	**12**	0.29	**12**	0.16	**13**	0.52	**12**	12
	50	0.98	**15**	0.42	**15**	0.35	**15**	0.20	**16**	0.63	**14**	14
	100	1.18	**18**	0.51	**18**	0.42	**18**	0.24	**19**	0.77	**17**	17
SCS	2	0.16	**2**	0.07	**2**	0.06	**2**	0.04	**3**	0.10	**2**	5
	5	0.48	**7**	0.21	**7**	0.17	**7**	0.10	**8**	0.30	**7**	8
	10	0.68	**10**	0.29	**10**	0.24	**10**	0.14	**11**	0.44	**10**	11
	25	1.00	**15**	0.43	**15**	0.36	**15**	0.20	**16**	0.65	**14**	15
	50	1.22	**18**	0.53	**18**	0.44	**19**	0.25	**20**	0.80	**18**	18
	100	1.50	**22**	0.65	**22**	0.54	**23**	0.31	**24**	1.00	**22**	23
	Timmins	2.68	**40**	1.16	**40**	0.95	**41**	0.51	**40**	1.78	**39**	41

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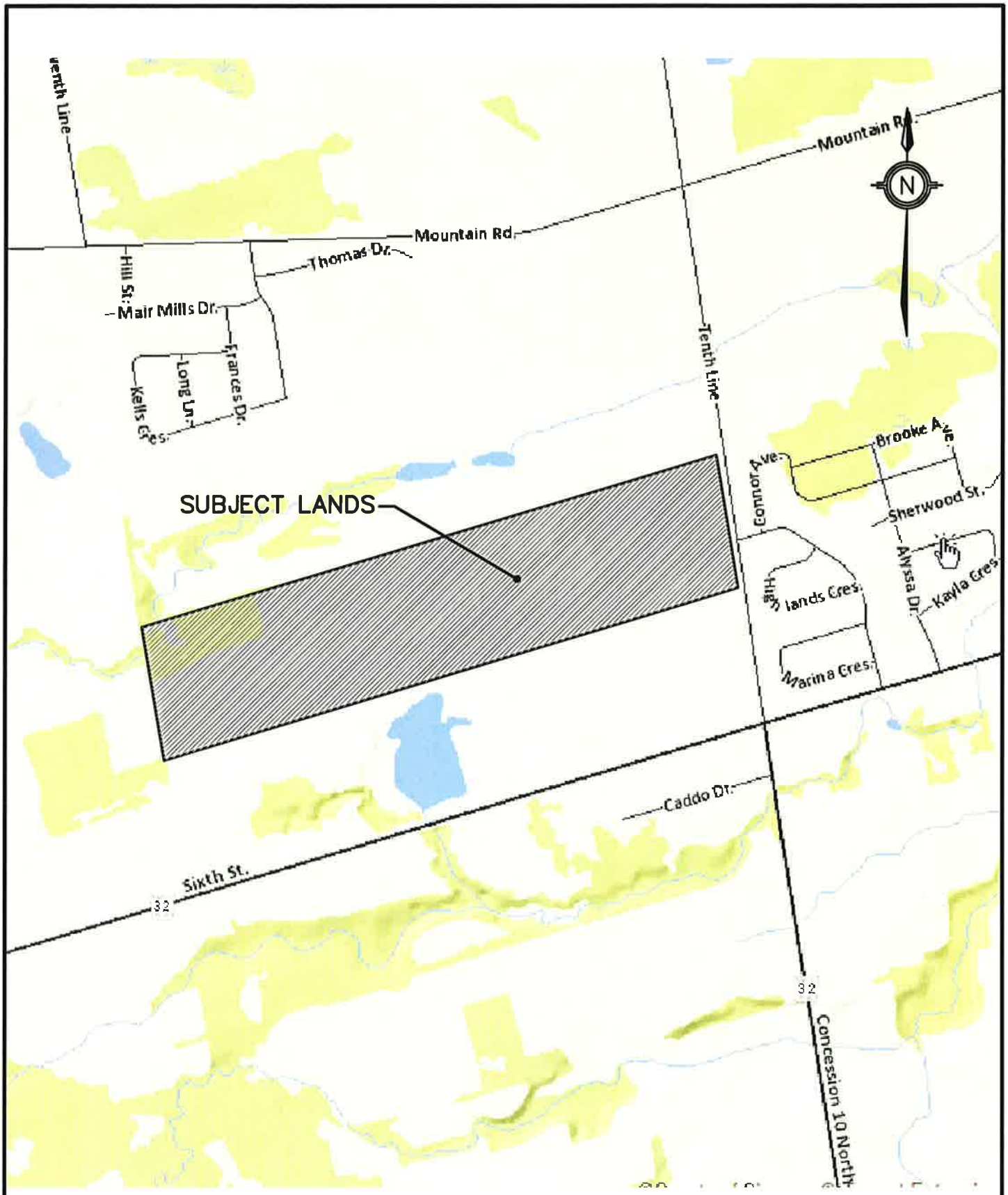
Project: Linksview
Project No.: 183-2687
Design by: KW
Date: 13/10/2014

SWMHYMO MODELING FLOW SUMMARY

		NODE 1 FLOWS (m^3/s)			NODE 2 FLOWS (m^3/s)			NODE 3 FLOWS (m^3/s)			NODE 4 FLOWS (m^3/s)		
	Storm	**Pre**	**Post**	**Ultimate**	**Pre**	**Post**	**Ultimate**	**Pre**	**Post**	**Ultimate**	**Pre**	**Post**	**Ultimate**
CHI	2 year	0.48	0.48	0.22	0.74	0.55	0.29	0.75	0.64	0.42	0.80	0.70	0.47
	5 year	0.87	0.87	0.56	1.29	0.98	0.71	1.38	1.28	1.10	1.44	1.35	1.16
	10 year	1.17	1.17	0.86	1.74	1.31	1.09	1.95	1.85	1.73	2.02	1.91	1.80
	25 year	1.59	1.59	1.27	2.43	1.80	1.60	2.79	2.61	2.60	2.85	2.68	2.67
	50 year	1.88	1.88	1.55	2.90	2.14	1.95	3.36	3.14	3.18	3.43	3.20	3.25
	100 year	2.25	2.25	1.90	3.53	2.58	2.39	4.10	3.82	3.92	4.17	3.89	3.99
SCS	2 year	0.59	0.59	0.25	0.92	0.67	0.33	0.93	0.76	0.46	0.98	0.82	0.52
	5 year	1.10	1.10	0.76	1.67	1.22	0.95	1.83	1.67	1.49	1.90	1.73	1.56
	10 year	1.43	1.43	1.10	2.19	1.60	1.37	2.48	2.26	2.18	2.54	2.33	2.25
	25 year	1.95	1.95	1.64	3.08	2.19	2.01	3.56	3.21	3.28	3.63	3.27	3.34
	50 year	2.32	2.32	2.02	3.73	2.63	2.48	4.34	3.90	4.05	4.41	3.97	4.12
	100 year	2.79	2.79	2.50	4.60	3.19	3.08	5.39	4.82	5.06	5.46	4.89	5.13
	Timmins	4.74	4.74	4.21	8.42	6.25	5.64	10.59	10.20	9.85	10.71	10.31	9.96

LIST OF FIGURES

Figure 1: Site Location Plan
Figure 2: Pre-development Drainage Plan
Figure 3: Post-development Drainage Plan
Figure 4: Ultimate development Drainage Plan
Figure 5: Ultimate Development Conceptual Grading Plan



Legend

= SUBJECT LANDS

Project

LINKSVIEW DEVELOPMENT
TOWN OF COLLINGWOOD

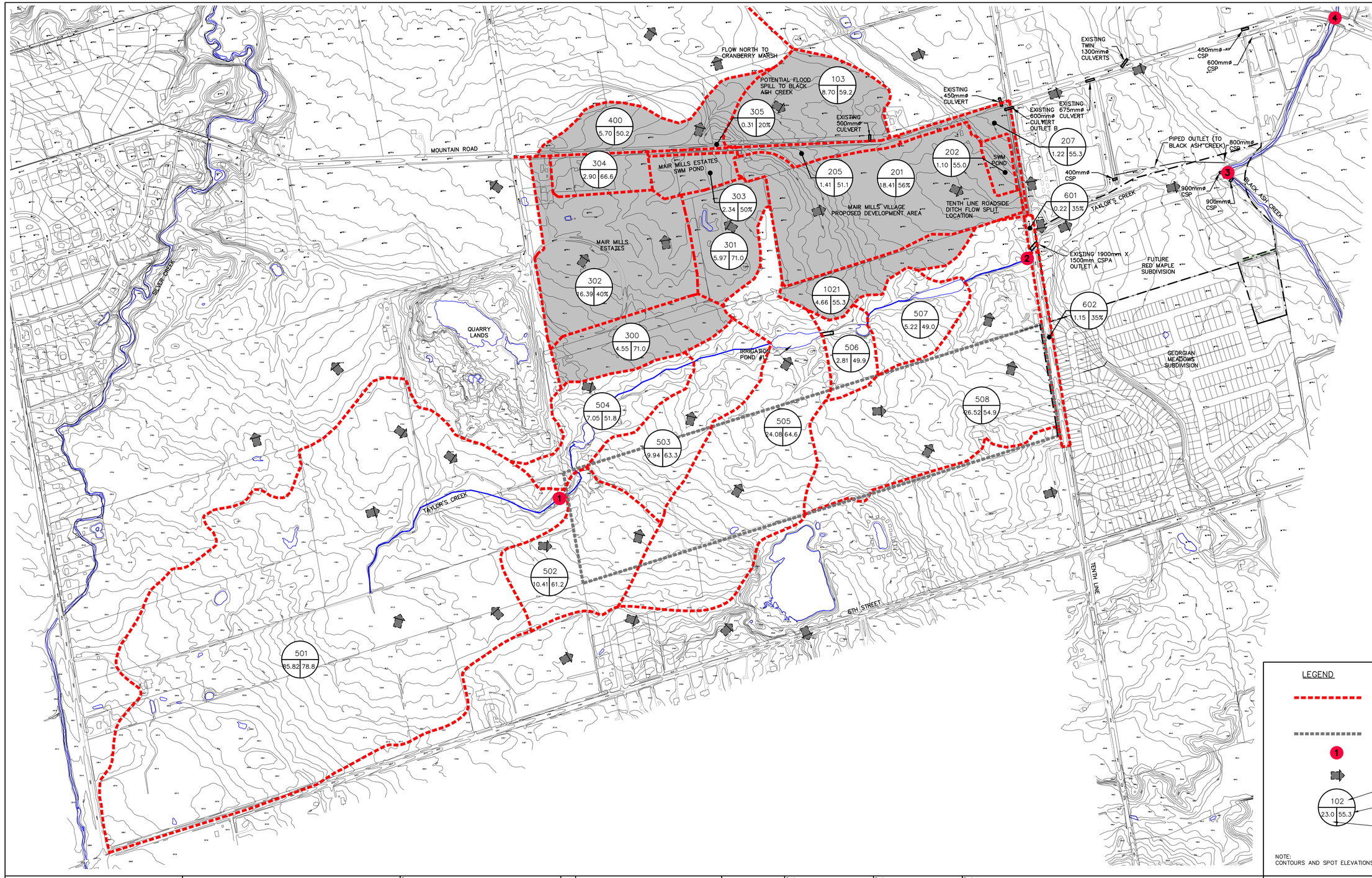
Drawing

SITE LOCATION

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40 HURON STREET, SUITE 301,
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L.W.	L.W.	183-2687
Scale	Date	Check By	Drawing
N.T.S.	05/28/2014	D.T.	FIG. 1

J:\100\183 - Londex Projects\2687 Linksview\Cad\2687_701-7xx.dwg, FIG. 1, 12/17/2014 11:49:16 AM, lwaters



LEGEND

- CATCHMENT BOUNDARY (PER TATHAM DWG. ODP-1)
- *SHADED AREAS PER TATHAM STUDY UNSHADED AREAS PER CROZIER STUDY
- LIMITS OF LINKSVIEW DEVELOPMENT
- FLOW NODE
- OVERLAND FLOW DIRECTION
- CATCHMENT AREA ID
- CN VALUE OR % IMPERVIOUSNESS
- DRAINAGE AREA (ha)

NOTE:
CONTOURS AND SPOT ELEVATIONS PER TOWN OF COLLINGWOOD BASE MAPPING.

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Engineer

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LINKSVIEW DEVELOPMENT
TOWN OF COLLINGWOOD

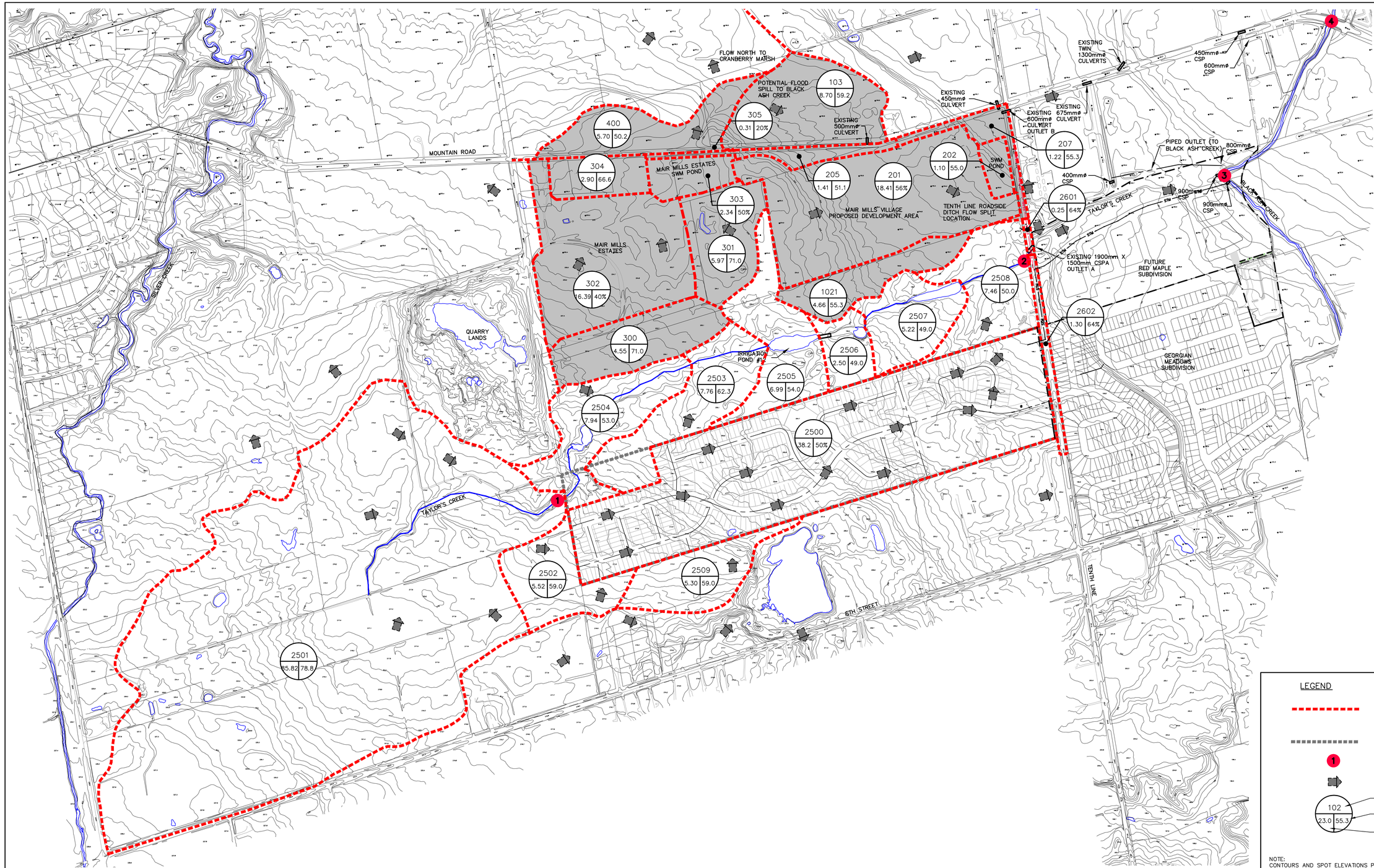
Drawing

PRE-DEVELOPMENT DRAINAGE PLAN

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J:\2013 - Linksview Projects\2687 Linksview\Civil\2687_701-7xx.dwg, FIG. 2, 11/14/2014 2:51:29 PM, lwaters



LEGEND

- CATCHMENT BOUNDARY (PER TATHAM DWG. ODP-1)
- *SHADED AREAS PER TATHAM STUDY UNSHADED AREAS PER CROZIER STUDY
- LIMITS OF LINKSVIEW DEVELOPMENT
- FLOW NODE
- OVERLAND FLOW DIRECTION
- CATCHMENT AREA ID
- CN VALUE OR % IMPERVIOUSNESS
- DRAINAGE AREA (ha)

(102 / 23.0 | 55.3)

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TOWN OF COLLINGWOOD

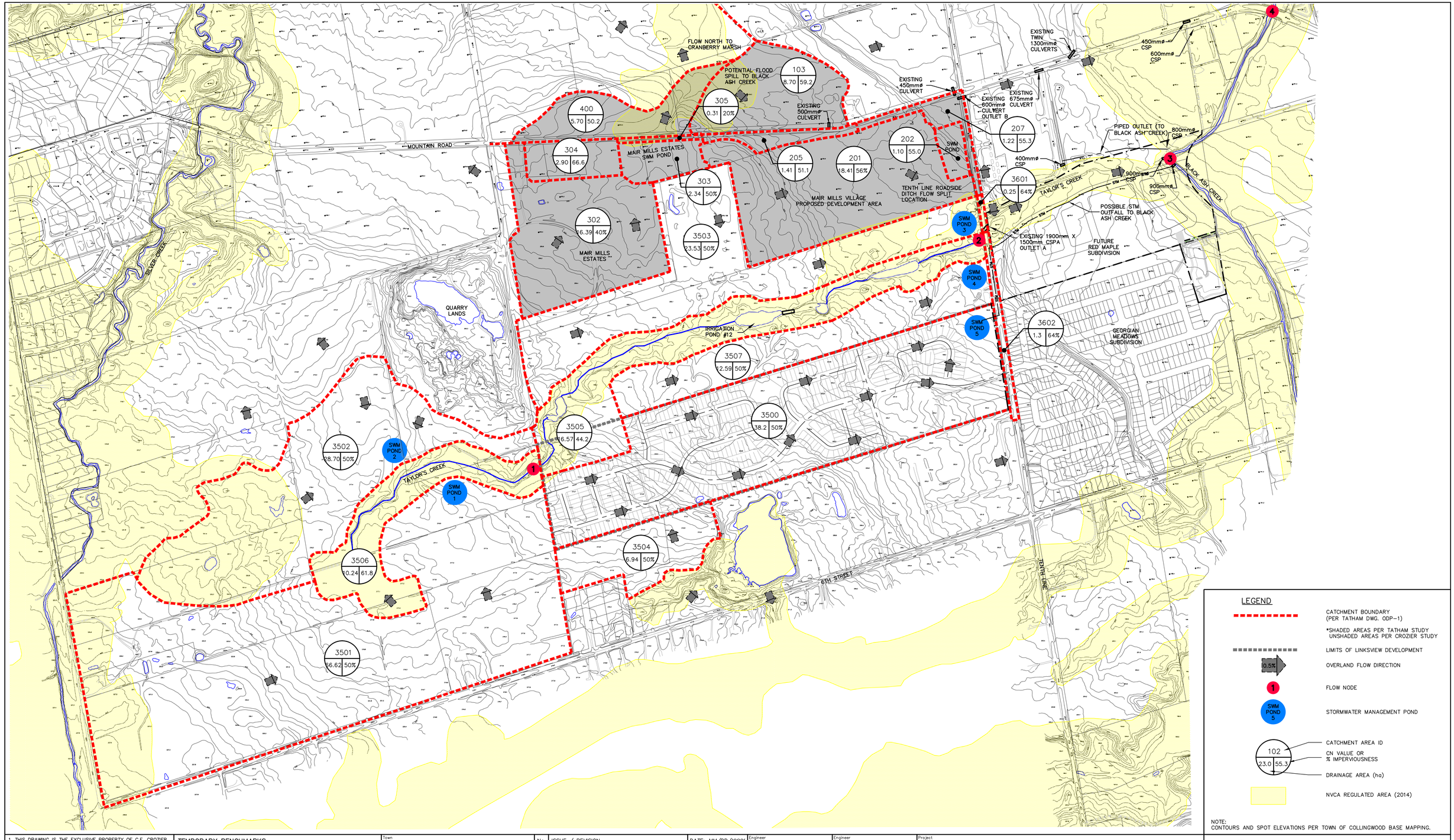
Drawing

POST-DEVELOPMENT DRAINAGE PLAN

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1:5000	05/28/2014	D.T.	FIG. 3

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LEGEND

- CATCHMENT BOUNDARY (PER TATHAM DWG. ODP-1)
- *SHADED AREAS PER TATHAM STUDY UNSHADED AREAS PER CROZIER STUDY
- LIMITS OF LINKSVIEW DEVELOPMENT
- 0.5% OVERLAND FLOW DIRECTION
- 1 FLOW NODE
- SWM POND 5 STORMWATER MANAGEMENT POND
- 102 / 23.0 / 55.3 CATCHMENT AREA ID; CN VALUE OR % IMPERVIOUSNESS; DRAINAGE AREA (ha)
- NVCA REGULATED AREA (2014)

NOTE:
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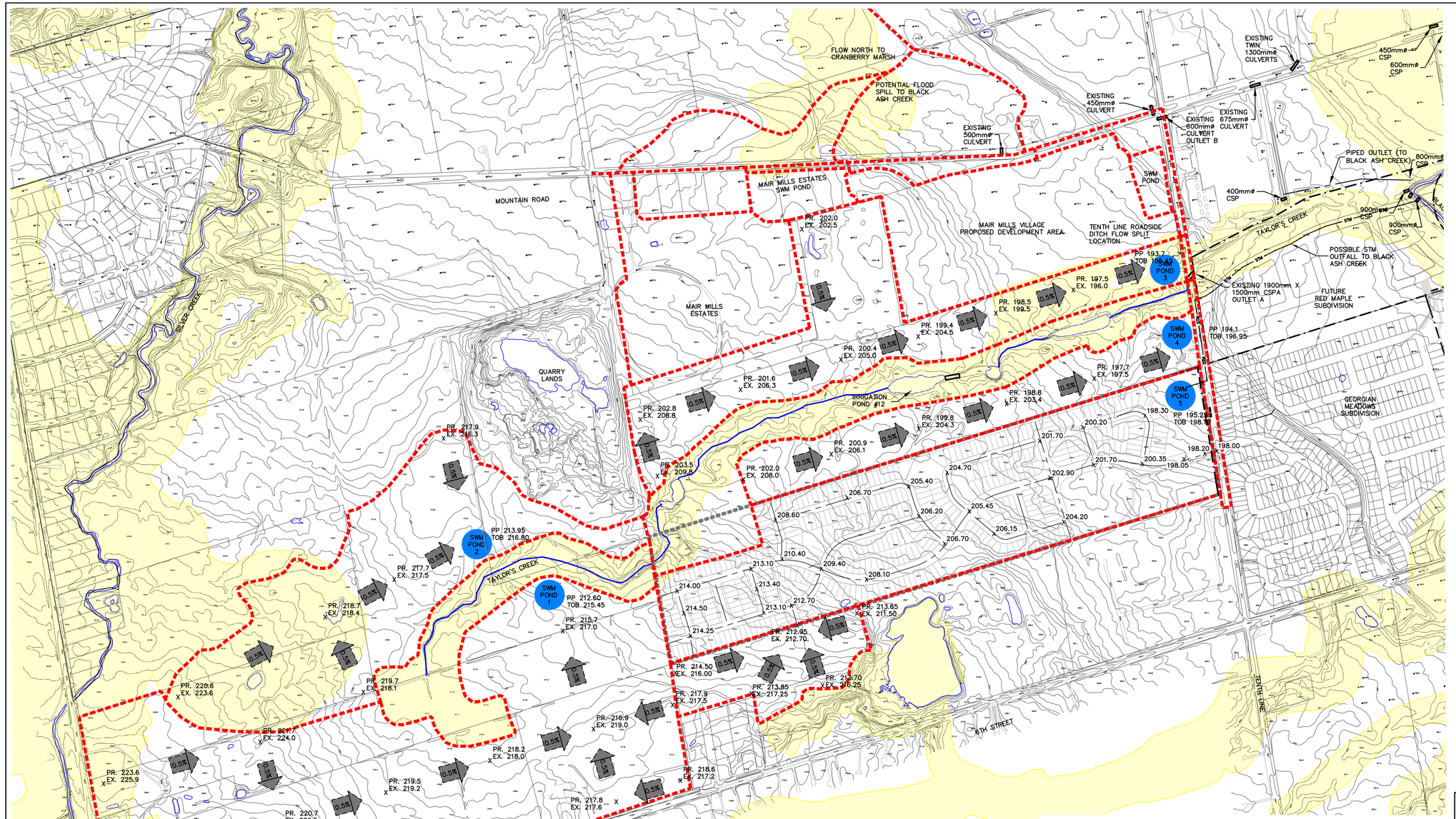
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TOWN OF COLLINGWOOD

Drawing
ULTIMATE DEVELOPMENT
CONCEPTUAL GRADING

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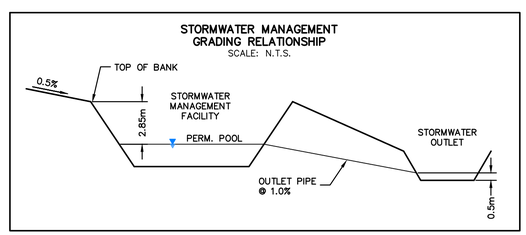
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POND DATA			
SWM POND	TOB	PP	OUTLET INV
1	215.45	212.60	212.25
2	216.80	213.95	213.00
3	196.55	193.70	193.25
4	196.95	194.10	193.25
5	198.10	195.25	193.40

STORMWATER MANAGEMENT GRADING RELATIONSHIP
SCALE: N.T.S.



LEGEND

- PR. 202.0 — MINIMUM FUTURE GRADE
- EX. 208.0 — EXISTING GRADE
- CATCHMENT BOUNDARY
- LIMITS OF LINKSVIEW DEVELOPMENT
- 0.5% — OVERLAND FLOW DIRECTION
- SWM POND 5 — STORMWATER MANAGEMENT POND
- NVCA REGULATED AREA (2014)

NOTE:
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