

Charles E. Peeler
D 404.885.3409
charles.peeler@troutman.com

March 22, 2024

BY EMAIL

Rebecca Davis
Arnall Golden & Gregory LLP
171 17th Street, NW, Suite 2100
Atlanta, GA 30363
Rebecca.davis@agg.com

Re: Plans for Pausing Construction at Stanton Springs North Project Site

Dear Rebecca:

This correspondence is sent on behalf of the State of Georgia ("State") and the Joint Development Authority of Jasper County, Morgan County, Newton County, and Walton County ("JDA") in response to Rivian's recent announcement that it plans to pause construction of the electric vehicle manufacturing facility at the Stanton Springs North Project Site (the "Project"). This change in plans will require Rivian to promptly address issues concerning site conditions, site safety, and post-construction stormwater and hydrology, among other issues. We are providing this summary of near-term items that need to be addressed expeditiously and will follow up as needed on any additional items that may arise.

As you know, the State and JDA diligently completed the rough grading phase of the Project and have been waiting for updated site plans, showing Rivian's first phase of development – e.g., roads, buildings, parking, and rail facilities. Importantly, those plans were expected to show the post-construction stormwater infrastructure for Rivian's initial phase of vertical construction and facility operation. Pursuant to Rivian's announcement, the site will now be in an idle phase that will last for an indeterminate period of time. This triggers an immediate need for post-construction stormwater plans and an updated hydrology study, which are discussed below. We also summarize key ongoing obligations with respect to construction stormwater and longer-term expectations for site management and security. In addition, Rivian should coordinate with the Georgia Environmental Protection Division ("EPD") and implement EPD's recommendations.

- 1. Near-Term Post-Construction Stormwater Plans.** Condition 7 of the stream buffer variance ("SBV") for the Project requires adherence to a specific post-construction stormwater management plan and further requires that any proposed changes to the plan be submitted to and approved by EPD. The current plan was expected to be amended by Rivian to show the first phase of vertical construction and then provided to the State and JDA for review, prior to being submitted by the State to EPD for approval. With the introduction of this new idle phase, that plan must now be amended and

submitted to the State and JDA for review, as soon as possible. Along with this plan, which is expected to show modifications to the in-situ construction stormwater ponds and changes to the engineered outlet control structures for those ponds, the State and JDA expect to see plans to control stormwater flows across the site and to properly drain the site in accordance with all legal requirements and best practices.

At a minimum, Rivian's post-construction stormwater management plan must meet the Georgia Stormwater Management Manual ("Blue Book") requirements and demonstrate that the stormwater infrastructure is designed to handle a 100-year storm event (See Section 2.5(b)(i) of the Economic Development Agreement). Of course, along with this plan, Rivian must provide the accompanying Blue Book "Stormwater Quality Site Development Review Tool" worksheets demonstrating that the plan meets the pollutant removal efficiencies for water quality protection. For convenience, we have attached the SBV and the current EPD-approved conceptual stormwater management plan and Blue Book worksheets ("Exhibit A"). Given that this plan will likely incorporate many, if not all, of the same components as the stormwater management plan Rivian has already been working on, we expect the revised plans and calculation sheets can be submitted within the next ten days. The State and JDA will work with Rivian on any revisions they may request prior to submittal by the State to EPD.

2. **Additional Hydrology Study.** The State and JDA had Thomas & Hutton Engineering prepare a hydrology study for the Project (See T&H Stormwater Master Plan for Rivian EV Manufacturing Facility (June 20, 2022) available at <https://www.stantonsprings.com/rivian.html> via the "Hydrology Study/Stormwater Masterplan" link). In accordance with Section 2.5(b)(iii) of the Economic Development Agreement, Rivian must now provide to the State and JDA for review and approval a hydrology study for this new idle phase of the Project showing that all groundwater recharge protections and storm water detention satisfy or exceed the applicable regulations. We expect this study may take longer than the post-construction stormwater management plan above. However, it is no less urgent from the State's and JDA's perspective, and we expect the updated hydrology study can be provided within the next thirty days.
3. **Ongoing General Construction Stormwater Permit Obligations.** Since January 1, Rivian has had control of the Project and responsibility for compliance with the General Construction Stormwater Permit (GAR 100003) ("General Permit"). As noted below, Rivian should make fully stabilizing the site, as soon as possible, a top priority. Additionally, given the change in circumstances, Rivian should provide written confirmation to the State and JDA that it has the appropriate resources (e.g., equipment, workers, design engineers, certified erosion inspectors) engaged and available to ensure compliance with the General Permit. This is particularly critical given the threatened lawsuits by parties downstream of the Project on Rawlings Branch and Hunnicutt Creek (See *generally*, Turnover Agreement § 4). The State and JDA need to understand Rivian's plan for complying with the following non-exclusive list of obligations:
 - a. Rivian's obligations to conduct inspections (Part IV.D.4), maintain erosion controls (*i.e.*, best management practices or "BMPs") (Part IV.D.5), conduct

sampling (Part IV.D.6), manage any reporting obligations (Part IV.E) and BMP failure notifications (Part III.D.6), as well as renotification when and if the 2023 General Permit is issued and effective (Part II.E).

The State and JDA ask that Hank Evans be added to the distribution list for the twice weekly inspections and that he be copied on any notices to EPD regarding site conditions.

- b. Rivian's obligations to keep the Erosion Sedimentation and Pollution Control Plan ("ESPCP") current (Part IV.C). With respect to this and other General Permit obligations, "the design professional who prepared the ESPCP" must be retained to perform certain actions (e.g., keeping the ESPCP current) (*See generally* Part IV.A). There is a specific process for obtaining EPD's written approval of an alternative design professional (Part IV.A.5). To the extent Rivian has not obtained EPD's written approval of Stock & Associates Consulting Engineers, Inc. as the alternative design professional, that should be addressed immediately.
 - c. Rivian's obligations under General Permit Part IV.D.3.a, which requires initiation of stabilization measures as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than 14 days after the construction activity in that portion of the site has temporarily or permanently ceased. In addition, Condition 3 of the SBV requires seed, fertilizer, and mulch application, as soon as "final grade is achieved."
- 4. Final Stabilization and Notice of Termination Plans.** For several reasons, obtaining "final stabilization" should occur as soon as possible at Rivian's expense. As outlined in the General Permit, "final stabilization" requires "that 100% of the soil surface is uniformly covered in permanent vegetation with a density of 70% or greater, or landscaped according to the Plan (uniformly covered with landscaping materials in planned landscaped areas), or equivalent permanent stabilization measures as defined in the Manual (excluding a crop of annual vegetation and a seeding of target crop perennials appropriate for the region)."

In addition, the State and JDA would like to understand Rivian's plans with respect to filing a Notice of Termination ("NOT"). The General Permit Part IV.A requires, among other things, final stabilization and removal of all temporary BMPs prior to submitting an NOT. Rivian needs to assess whether it intends to remove the temporary BMPs and file a NOT or whether it intends to leave the General Permit coverage in place during the idle phase. Regardless, to preserve the pads, to be a good neighbor, and to ensure the stabilization holds, we believe at least monthly inspections are warranted even after an NOT is filed and expect that Rivian will provide all inspection reports to the State and JDA.

- 5. Corrective Action Plan Coordination.** As you know, the State needs to land-apply approximately 15,000 cu yds of irrigation pond material, and the JDA has contracted with Plateau to perform this work. We will need to coordinate with Rivian to ensure that the

equipment is available to perform this work and that Plateau has access to the site to complete the work in a timely manner. The State reserves the right to direct the area of spreading with input from Rivian.

6. **Environmental Consulting Firm.** To ensure that the items identified above, as well as any future environmental concerns regarding the site, are adequately addressed by Rivian, Rivian will need to fund an environmental consultant of the State's and JDA's choice to monitor the site, perform inspections, review Rivian's sampling and environmental plans, and other relevant work. This request is necessary given the change in circumstances and under existing contractual provisions (See, e.g., Rental Agmt. §§ 3.1(iv), 5.3(c)).
7. **Site Security/Cleanliness.** Rivian is responsible for securing the site to protect against trespassing and vandalism. This becomes increasingly important while Rivian's construction is paused.

The State and JDA need to understand how Rivian plans to secure the site to prevent trespassing, vandalism, dumping and littering. At a minimum, we expect Rivian's plans should include: (i) installation of gates at all points of access in such a way that vehicles cannot breach through them or bypass them; (ii) fencing particularly sensitive areas around the site; (iii) regular patrols by security guards; (iv) plans for keeping the site clean; (v) securing any structures, construction trailers or utility structures; and (vi) posting no trespassing and other appropriate signage. Security measures should be implemented immediately with a copy of Rivian's plan provided to the State and JDA within 14 days of receipt of this letter along with a point of contact for Rivian for security and access matters. Of course, these security measures must be funded by Rivian as part of its obligations under the Rental Agreement (Rental Agmt. §§ 3.1(iii), (v), 4.5, 6.5, 6.7).

8. **Ongoing Insurance Obligations.** Rivian will maintain the required levels of insurance under the Rental Agreement and provide proof of the same to the State and JDA. (Rental Agmt. § 6.4). Please provide us with the most recent certificates of insurance.

We have endeavored to prepare this list of items for Rivian's attention based on the limited information currently available to the State and JDA. This list is not intended to be exhaustive, but the first step in assessing Rivian's compliance with its obligations under the Rental Agreement, Economic Development Agreement, and other relevant agreements between the parties. As we gather more information regarding the Project and the site, we reserve all rights to request additional information and action from Rivian, as provided under the parties' agreements.

As detailed in Section 4 of the November 9, 2023 Turnover Agreement, there are several threatened claims against the Project. In light of this, Rivian's obligations related to General Permit compliance, expeditious final stabilization, post-construction stormwater management plans and hydrology studies are critically important for all parties in the immediate future.

As we are sure Rivian appreciates, time is of the essence regarding the conditions of the site. Therefore, we request that Rivian respond to this letter and provide updates related to the items identified above no later than April 5, 2024. The State and JDA also expect regular written updates on these items and the Project schedule on at least a monthly basis.

We appreciate Rivian's commitment to environmental stewardship and to the State of Georgia. Should you have any questions, please do not hesitate to contact us.

Sincerely,

TROUTMAN PEPPER HAMILTON SANDERS LLP



Charles E. Peeler

On behalf of the State of Georgia

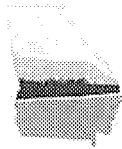
SMITH GAMBRELL & RUSSELL LLP



Kirk Fjelstul

On behalf of the Joint Development
Authority of Jasper County, Morgan County,
Newton County, and Walton County

EXHIBIT A



GEORGIA

DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

Richard E. Dunn, Director

EPD Director's Office

2 Martin Luther King, Jr. Drive
Suite 1456, East Tower
Atlanta, Georgia 30334
404-656-4713

Nov 02, 2022

Mr. Pat Wilson
Georgia Department of Economic Development
Technology Square, 75 Fifth Street, NW
Suite 1200
Atlanta, GA 30308

Mr. Jerry Silvio
Joint Development Authority of Jasper County, Morgan County,
Newton County, and Walton County
P.O. Box 826
Monroe, Georgia 30655

RE: Request for Variance under the Provisions of O.C.G.A. § 12-7-6(b)(15)
Stanton Springs North
Walton and Morgan Counties
File: BV-147-22-03

Dear Mr. Wilson and Mr. Silvio:

The Georgia Environmental Protection Division (EPD) has reviewed your stream buffer variance application for the above-referenced project. The review was conducted to consider the potential impacts of the proposed project's encroachment on buffers to State waters within the context of the Georgia Erosion and Sedimentation Act and the potential impact to State waters within the context of Georgia's National Pollutant Discharge Elimination System (NPDES) General Permits for Stormwater Discharges Associated with Construction Activities. This review, and the variance granted herein, is limited to only the request(s) in the application that you submitted for permission to conduct land-disturbing activities within 25-foot areas located immediately adjacent to the banks of State waters where vegetation has been wrested by normal stream flow or wave action. To the extent that your buffer variance application includes a request to conduct land-disturbing activities within 25 feet of State waters where there is no vegetation that has been wrested by normal stream flow or wave action, such request has not been considered by EPD, and the related activity is not addressed in the variance granted herein.

Pursuant to Ga. Comp. R. and Regs. 391-3-7-.05(2)(h) and subject to the conditions and contingencies described further below, authorization is hereby granted to encroach within the 25-foot buffer adjacent to State waters as delineated in your application dated August 12, 2022. ***Buffer impacts authorized by this variance must be completed within five years of the date of this approval letter. If the approved buffer impacts cannot be completed prior to the expiration date, a time extension must be requested in writing at least 90 calendar days prior to the expiration date with justifiable cause demonstrated.***

Authorization for the above referenced project is subject to the following conditions and contingencies:

- 1) All graded slopes 3:1 or greater must be hydroseeded and covered with Georgia DOT approved wood fiber matting or coconut fiber matting. If not hydroseeded, Georgia DOT approved matting that has been incorporated with seed and fertilizer must be used. All slopes must be properly protected until a permanent vegetative stand is established;
- 2) The amount of land cleared during construction must be kept to a minimum;
- 3) All disturbed areas must be seeded, fertilized, and mulched as soon as the final grade is achieved. Also, these disturbed areas must be protected until permanent vegetation is established;
- 4) A double row of Georgia DOT type "C" silt fence or an approved high performance silt fence must be installed between the land disturbing activities and State waters where appropriate;
- 5) This project must be conducted in strict adherence to the erosion and sedimentation control plan prepared as part of the project's coverage under the appropriate general NPDES permit for Storm Water Discharges Associated With Construction Activity and any required Land Disturbing Activity Permit issued by a local government;
- 6) Before you may conduct any land-disturbing activity in the buffer areas, you must: a) receive authorization from the United States Army Corps of Engineers (USACE) to act under an individual, regional, or nationwide permit issued pursuant to Section 404 of the Clean Water Act; and b) within 3 business days after receiving from the USACE, submit to EPD a copy of that authorization by return receipt certified mail (or similar service) or delivery receipt email. Proof of delivery and receipt is the applicant's responsibility; and
- 7) The applicants must cause the post-construction stormwater management systems to be installed and maintained to ensure pollutant removal efficiencies for water quality protection. The applicants must cause to be submitted to EPD in writing a copy of any proposed changes to the post-construction stormwater management systems previously submitted to EPD, and by way of this letter made a condition of this variance, and must receive written approval by EPD of those revised systems.

The granting of this approval does not relieve you of any obligation or responsibility for complying with the provisions of any other law or regulations of any federal, local or additional State authority, nor does it obligate any of the aforementioned to permit this project if they do not concur with its concept of development/control. The applicant must ensure that the stream buffer variance requirements are met for this project and the state will conduct related oversight.

Mr. Pat Wilson, Georgia Department of Economic Development
Mr. Jerry Silvio, Joint Development Authority of Jasper County, Morgan County, Newton
County, and Walton County
Page 3

If you have questions concerning this letter, please contact Michael Berry, Erosion and
Sedimentation Control Unit, Nonpoint Source Program, at (470) 524-4621.

Sincerely,



Richard E. Dunn
Director

RED:mb

cc: David Thompson, Chairman, Walton County Board of Commissioners
David Keener, Mayor, City of Social Circle
Ben Riden, Chairman, Morgan County Board of Commissioners
Charna Parker, Director, Walton County Planning and Development
Chuck Jarrell, Director, Morgan County Planning and Development
Andrew Capezzuto, Georgia Department of Economic Development
Alton Brown, Resource and Land Consultants
Russell Parr, Resource and Land Consultants
Scott Callaway, GA EPD
Derrick Williams, GA EPD
Mitch Attaway, Georgia Soil and Water Conservation Commission
Ben Ruzowicz, Georgia Soil and Water Conservation Commission
Anthony Rabern, Wildlife Resources Division, Region 2 Fisheries Management
Steve Schleiger, Wildlife Resources Division, Region 3 Fisheries Management

File: BV-147-22-03

DRAINAGE BASIN A
426 ACRES
(240 AC. PERVIOUS)
(186 AC. IMPERVIOUS)

RUNOFF REDUCTION CREDIT PROVIDED BY DB-A VEGETATED FILTER STRIP (A/B SOILS, 50% CREDIT)
=519,889 CF * 50% ADJUSTMENT
=259,944 CF

DRAINAGE BASIN B
127 ACRES
(65 AC. PERVIOUS)
(62 AC. IMPERVIOUS)

RUNOFF REDUCTION CREDIT PROVIDED BY DB-A VEGETATED FILTER STRIP (A/B SOILS, 50% CREDIT)
=173,296 CF * 50% ADJUSTMENT
=86,648 CF

DRAINAGE BASIN C
439 ACRES
(63 AC. PERVIOUS)
(376 AC. IMPERVIOUS)

RUNOFF REDUCTION CREDIT PROVIDED BY DB-C VEGETATED FILTER STRIP (A/B SOILS, 50% CREDIT)
=1,050,958 CF * 50% ADJUSTMENT
=525,479 CF

DRAINAGE BASIN D
293 ACRES
(174 AC. PERVIOUS)
(119 AC. IMPERVIOUS)

RUNOFF REDUCTION CREDIT PROVIDED BY DB-C VEGETATED FILTER STRIP (A/B SOILS, 50% CREDIT)
=332,617 CF * 50% ADJUSTMENT
=166,308 CF

TARGET RUNOFF REDUCTION VOLUME = 2,175,132 CF
PROVIDED RUNOFF REDUCTION VOLUME = 1,038,380 CF

1,038,380 CF / 2,175,132 CF = 48% TARGET RUNOFF REDUCTION VOLUME ACHIEVED

NOTE:

- AREAS IN DARK GREEN REPRESENT VEGETATED FILTER STRIPS.

VEGETATED FILTER STRIPS RECOMMENDED CRITERIA PER GSMM GUIDELINES:
- FLOW PATH WITHIN VEGETATED FILTER STRIP SHOULD BE 25 FT OR MORE.
- VEGETATED FILTER STRIPS SHOULD BE DESIGNED WITH MINIMUM SLOPE OF 0.5% TO ENSURE ADEQUATE DRAINAGE.
- NO RESTRICTIONS ON HYDROLOGIC SOIL GROUPING.
- NO RESTRICTIONS ON DEPTH TO WATER TABLE.

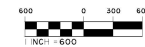
DRY SWALES RECOMMENDED CRITERIA PER GSMM GUIDELINES:
- PONDING DEPTH OF 1 FT AND PLANTING BED DEPTH OF 2.5 FT.
- DRY SWALES SHOULD BE DESIGNED TO COMPLETELY DRAIN WITHIN 48 HOURS OF THE END OF A RAINFALL EVENT.
- IF THE DRY SWALE IS PROPOSED AS NON-UNDERDRAINED, SOILS SHOULD HAVE INFILTRATION RATES OF MORE THAN 0.25 INCHES PER HOUR (I.E., HYDROLOGIC SOIL GROUP A AND B SOILS).
- DRY SWALES SHOULD BE DESIGNED WITH SLOPES BETWEEN 0.5% AND 4% TO HELP ENSURE ADEQUATE DRAINAGE.
- MINIMUM DEPTH TO WATER TABLE OF 2 FT.



NOTE:

IF ANY OF THE TARGET RUNOFF REDUCTION VOLUME CANNOT BE REDUCED ON THE DEVELOPMENT SITE, DUE TO CHARACTERISTICS OR CONSTRAINTS, IT SHOULD BE INTERCEPTED AND TREATED IN ONE OR MORE STORMWATER MANAGEMENT PRACTICES THAT: (1) PROVIDE FOR AT LEAST AN 80 PERCENT REDUCTION IN TSS LOADS; AND (2) REDUCE NITROGEN AND BACTERIA LOADS TO THE MAXIMUM EXTENT PRACTICAL.

- STORMWATER DISCHARGE IS CONVEYED THROUGH THE RECEIVING LID PRACTICES WHERE APPLICABLE AND INTO THE PROPOSED WET STORM DETENTION PONDS. PER GSM MANUAL, IT IS ASSUMED THAT A WET STORM DETENTION POND PROVIDES AN 80% REDUCTION IN TSS LOADS, A 30% REDUCTION IN TN LOADS AND A 70% REDUCTION IN BACTERIA LOADS.



CSS EXHIBIT

STANTON SPRINGS NORTH
WALTON/MORGAN COUNTY GA

PREPARED FOR:
I20JDA

PREPARED BY:
THOMAS & HUTTON
33 Hall of Commerce Way
Savannah, GA 31405 • 912.224.4330
www.thomasandhutton.com

PROJECT NO.: 22090.0001	DATE: 11-1-2022
DRAWING: DSG	SCALE: 1" = 600'
DESIGNED: BR	CHECKED:

Georgia Stormwater Management Manual

Stormwater Quality Site Development Review Tool

Version 2.2

General Information

Name of Developer:	I20 JDA	Date Submitted:	11/1/2022
Development Name:	Stanton Springs North Rough Grading	Permit Number:	
Site Location / Address:	Social Circle, GA	Developer Contact:	Kevin Forbes, PE
		Phone Number:	912-721-4143
		Name of Engineer(s):	Kevin Forbes, PE
Development Type:	Heavy Industry	Maintenance Responsibility:	I20 JDA

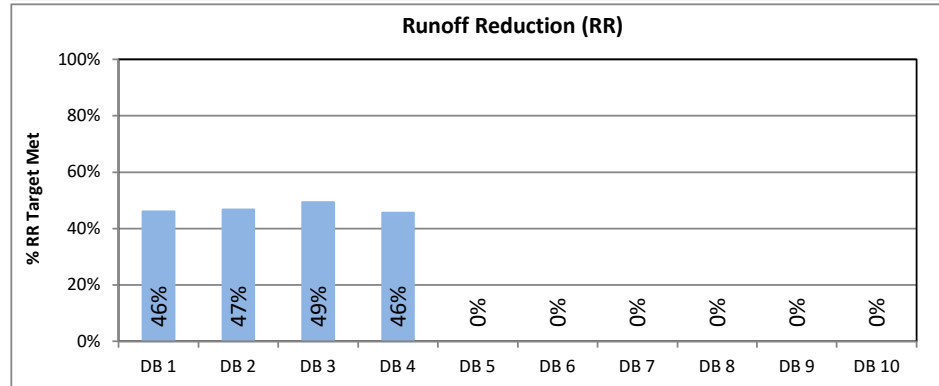
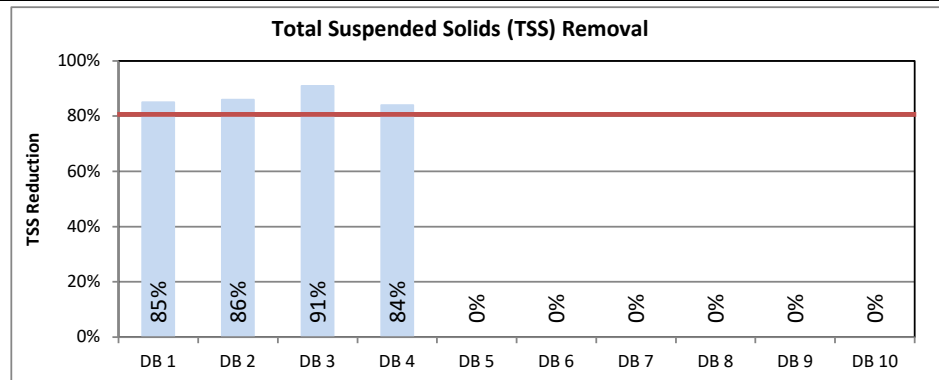
Site Summary

Total Pre-Development Area (ac): 1285.00
 Total Post-Development Area (ac): 1285.00
 Total Treated Area (ac): 743.00
 Total Untreated Area (ac): 542.00

		I (ac)	P (ac)	CA (ac)
Basin A	DB 1	148.80	277.20	0.00
Basin B	DB 2	49.60	77.40	0.00
Basin C	DB 3	300.80	138.20	0.00
Basin D	DB 4	95.20	197.80	0.00
Drainage Basin 5	DB 5	0.00	0.00	0.00
Drainage Basin 6	DB 6	0.00	0.00	0.00
Drainage Basin 7	DB 7	0.00	0.00	0.00
Drainage Basin 8	DB 8	0.00	0.00	0.00
Drainage Basin 9	DB 9	0.00	0.00	0.00
Drainage Basin 10	DB 10	0.00	0.00	0.00
TOTAL		594.40	690.60	0.00

I = Impervious Area, P = Pervious Area, CA = Conservation Area

Target Runoff Reduction Volume Achieved? No
 Target TSS Removal Achieved? Yes
 Total Target Runoff Reduction Volume (cf) #####
 Runoff Reduction Volume Achieved (cf) #####
 Total Target Water Quality Volume (cf) #####
 % TSS Removal Achieved 88%



Official Use Only

Tracking #: _____
 Reviewed By: _____
 Date Approved: _____

Conditions of Approval: _____

Georgia Stormwater Management Manual

Stormwater Quality Site Development Review Tool, v2.2

Development Name: **Stanton Springs North Rough Grading**
 Drainage Basin Name: **Basin A**

data input cells
 calculation cells
 constant values

Site Data

Indicate Pre-Development Land Cover and Runoff Curve Numbers in the Site's Disturbed Area

Cover Type	HSG* A (acres)	CN	HSG B (acres)	CN	HSG C (acres)	CN	HSG D (acres)	CN	Total	% Cover
Woods - grass combination (orchard or tree farm) - Good Condition		32	404.70	58		72		79	404.70	95%
Impervious		98	21.30	98		98		98	21.30	5%
Select a land cover type...		0		0		0		0	0.00	0%
Select a land cover type...		0		0		0		0	0.00	0%
Select a land cover type...		0		0		0		0	0.00	0%
Local Jurisdiction Input									0.00	0%
Other									0.00	0%
Total	0.00		426.00		0.00		0.00		426.00	100%

*HSG = hydrologic soil group

Impervious (ac)	21.30
Weighted CN	60
Potential Max Soil Retention, S _{pre} (in)	6.67

Indicate Post-Development Land Cover and Runoff Curve Numbers in the Site's Disturbed Area

Cover Type	HSG A (acres)	CN	HSG B (acres)	CN	HSG C (acres)	CN	HSG D (acres)	CN	Total	% Cover
Woods - grass combination (orchard or tree farm) - Good Condition		32	240.00	58		72		79	240.00	56%
Open space - Good condition (grass cover > 75%)		39	37.20	61		74		80	37.20	9%
Impervious		98	148.80	98		98		98	148.80	35%
Select a land cover type...		0		0		0		0	0.00	0%
Select a land cover type...		0		0		0		0	0.00	0%
Local Jurisdiction Input									0.00	0%
Other									0.00	0%
Total	0.00		426.00		0.00		0.00		426.00	100%

Impervious (ac)	148.80
Rv	0.36
Weighted CN	72
Potential Max Soil Retention, S _{post} (in)	3.84

Conservation Area Credits

Scenario 1: Natural Conservation Area **See the GSMM Volume 2, Section 2.3.3.3 for more information.*

Check the box if a portion of the post-developed area is protected by a conservation easement or equivalent form of protection.

Area (ac) of development protected by a conservation easement or equivalent form of protection.

Note: The green cell will unlock if the Scenario 1 box above is checked

Scenario 3: Soil Restoration **See the GSMM Volume 2, Section 4.23 for more information.*

Check the box if a portion of the post-developed area employs soil restoration and is protected by a conservation easement or equivalent form of protection.

Area (ac) of development with restored soils and protected by a conservation easement or equivalent form of protection.

Note: The green cell will unlock if the Scenario 3 box above is checked

Scenario 2: Site Reforestation/Revegetation **See the GSMM Volume 2, Section 4.22 for more information.*

Check the box if a portion of the post-developed area employs site reforestation/revegetation and is protected by a conservation easement or equivalent form of protection.

Area (ac) of development reforested/revegetated and protected by a conservation easement or equivalent form of protection.

Note: The green cell will unlock if the Scenario 2 box above is checked

Scenario 4: Site Reforestation/Revegetation & Soil Restoration **See the GSMM Volume 2, Section 4.22 and 4.23 for more information.*

Check the box if the same portion of the post-developed area employs site reforestation/revegetation and soil restoration, and is protected by a conservation easement or equivalent form of protection.

Area (ac) with restored soils in a reforested & revegetated area and protected by a conservation easement or equivalent form of protection.

Note: The green cell will unlock if the Scenario 4 box above is checked

Total Conservation Area Credit (acres) 0.00

Georgia Stormwater Management Manual

Stormwater Quality Site Development Review Tool, v2.2

Development Name: **Stanton Springs North Rough Grading**
 Drainage Basin Name: **Basin A**

data input cells
 calculation cells
 constant values

Water Quality Goals

Target Runoff Reduction Storm (in) **1.00**

Total Site Area for Water Quality Volume (acres)	426.00
Target Runoff Reduction Volume (cf)	563,449
Target Water Quality Volume (cf)	676,138

Select BMPs for Runoff Reduction and Water Quality

		Area Draining to Each BMP			Storage Volume Provided by BMP (cf)	RR Conveyance Volume Provided by BMP (cf)	Down-stream BMP	Runoff Reduction Calculations						WQ Calculations	
		On-site Pervious Area (acres)	On-site Impervious Area (acres)	Offsite Area (acres)				RR Volume from Direct Drainage (cf)	RR Volume from Upstream Practices (cf)	Total RR Volume Received by BMP (cf)	Runoff Reduction %	RR Achieved (cf)	Remaining RR Volume (cf)	WQ _v from Direct Drainage (cf)	Effective TSS Removal %
BMP 1	Vegetated Filter Strip (A & B hydrologic soils)	37.20	148.80			519,889	BMP 2	519,889	0	519,889	50%	259,944	259,944	623,866	60%
BMP 2	Stormwater Pond				12,202,245			0	259,944	259,944	0%	0	259,944	0	80%
BMP 3	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 4	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 5	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 6	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 7	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 8	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 9	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 10	Select a BMP...							0	0	0	N/A	0	0	0	N/A
TOTAL		37.20	148.80	0.00				519,889				259,944		623,866	
UNTREATED AREA (acres)		240.00	0.00												

Target Runoff Reduction Volume (cf)	563,449
Target Achieved?	No
Remaining Runoff Reduction Volume (cf)	303,504

Target Water Quality Volume (cf)	676,138
% TSS Removal Achieved	85%
Target Achieved?	Yes!
Remaining TSS Removal %	0%

Georgia Stormwater Management Manual

Stormwater Quality Site Development Review Tool, v2.2

Development Name: **Stanton Springs North Rough Grading**
 Drainage Basin Name: **Basin A**

data input cells
 calculation cells
 constant values

Channel and Flood Protection Calculations

	1-yr, 24-hr storm	2-yr, 24-hr storm	25-yr, 24-hr storm	100-yr, 24-hr storm
Target Rainfall Event (in)	3.22	3.69	6.12	7.66

	1-yr, 24-hr storm	2-yr, 24-hr storm	25-yr, 24-hr storm	100-yr, 24-hr storm
Pre-Development Runoff Volume (in)	0.42	0.62	2.00	3.08
Post Development Runoff Volume (in) with no BMPs	0.95	1.26	3.11	4.42
Post-Development Runoff Volume (in) with BMPs	0.79	1.09	2.95	4.26
Adjusted CN	69	69	70	71

*See Stormwater Management Standards to Determine Detention Requirements.

Comments

Georgia Stormwater Management Manual

Stormwater Quality Site Development Review Tool, v2.2

Development Name: **Stanton Springs North Rough Grading**
 Drainage Basin Name: **Basin B**

data input cells
 calculation cells
 constant values

Site Data

Indicate Pre-Development Land Cover and Runoff Curve Numbers in the Site's Disturbed Area

Cover Type	HSG* A (acres)	CN	HSG B (acres)	CN	HSG C (acres)	CN	HSG D (acres)	CN	Total	% Cover
Woods - grass combination (orchard or tree farm) - Good Condition		32	120.65	58		72		79	120.65	95%
Impervious		98	6.35	98		98		98	6.35	5%
Select a land cover type...		0		0		0		0	0.00	0%
Select a land cover type...		0		0		0		0	0.00	0%
Select a land cover type...		0		0		0		0	0.00	0%
Local Jurisdiction Input									0.00	0%
Other									0.00	0%
Total	0.00		127.00		0.00		0.00		127.00	100%

*HSG = hydrologic soil group

Impervious (ac) 6.35
 Weighted CN 60
 Potential Max Soil Retention, S_{pre} (in) 6.67

Indicate Post-Development Land Cover and Runoff Curve Numbers in the Site's Disturbed Area

Cover Type	HSG A (acres)	CN	HSG B (acres)	CN	HSG C (acres)	CN	HSG D (acres)	CN	Total	% Cover
Woods - grass combination (orchard or tree farm) - Good Condition		32	65.00	58		72		79	65.00	51%
Open space - Good condition (grass cover > 75%)		39	12.40	61		74		80	12.40	10%
Impervious		98	49.60	98		98		98	49.60	39%
Select a land cover type...		0		0		0		0	0.00	0%
Select a land cover type...		0		0		0		0	0.00	0%
Local Jurisdiction Input									0.00	0%
Other									0.00	0%
Total	0.00		127.00		0.00		0.00		127.00	100%

Impervious (ac) 49.60
 Rv 0.40
 Weighted CN 74
 Potential Max Soil Retention, S_{post} (in) 3.53

Conservation Area Credits

Scenario 1: Natural Conservation Area **See the GSMM Volume 2, Section 2.3.3.3 for more information.*

Check the box if a portion of the post-developed area is protected by a conservation easement or equivalent form of protection.

Area (ac) of development protected by a conservation easement or equivalent form of protection.

Note: The green cell will unlock if the Scenario 1 box above is checked

Scenario 3: Soil Restoration **See the GSMM Volume 2, Section 4.23 for more information.*

Check the box if a portion of the post-developed area employs soil restoration and is protected by a conservation easement or equivalent form of protection.

Area (ac) of development with restored soils and protected by a conservation easement or equivalent form of protection.

Note: The green cell will unlock if the Scenario 3 box above is checked

Scenario 2: Site Reforestation/Revegetation **See the GSMM Volume 2, Section 4.22 for more information.*

Check the box if a portion of the post-developed area employs site reforestation/revegetation and is protected by a conservation easement or equivalent form of protection.

Area (ac) of development reforested/revegetated and protected by a conservation easement or equivalent form of protection.

Note: The green cell will unlock if the Scenario 2 box above is checked

Scenario 4: Site Reforestation/Revegetation & Soil Restoration **See the GSMM Volume 2, Section 4.22 and 4.23 for more information.*

Check the box if the same portion of the post-developed area employs site reforestation/revegetation and soil restoration, and is protected by a conservation easement or equivalent form of protection.

Area (ac) with restored soils in a reforested & revegetated area and protected by a conservation easement or equivalent form of protection.

Note: The green cell will unlock if the Scenario 4 box above is checked

Total Conservation Area Credit (acres) 0.00

Georgia Stormwater Management Manual

Stormwater Quality Site Development Review Tool, v2.2

Development Name: **Stanton Springs North Rough Grading**
 Drainage Basin Name: **Basin B**

data input cells
 calculation cells
 constant values

Water Quality Goals

Target Runoff Reduction Storm (in) **1.00**

Total Site Area for Water Quality Volume (acres)	127.00
Target Runoff Reduction Volume (cf)	185,094
Target Water Quality Volume (cf)	222,112

Select BMPs for Runoff Reduction and Water Quality

		Area Draining to Each BMP			Storage Volume Provided by BMP (cf)	RR Conveyance Volume Provided by BMP (cf)	Down-stream BMP	Runoff Reduction Calculations						WQ Calculations	
		On-site Pervious Area (acres)	On-site Impervious Area (acres)	Offsite Area (acres)				RR Volume from Direct Drainage (cf)	RR Volume from Upstream Practices (cf)	Total RR Volume Received by BMP (cf)	Runoff Reduction %	RR Achieved (cf)	Remaining RR Volume (cf)	WQ _v from Direct Drainage (cf)	Effective TSS Removal %
BMP 1	Vegetated Filter Strip (A & B hydrologic soils)	12.40	49.60			173,296	BMP 2	173,296	0	173,296	50%	86,648	86,648	207,955	60%
BMP 2	Stormwater Pond				1,793,583			0	86,648	86,648	0%	0	86,648	0	80%
BMP 3	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 4	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 5	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 6	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 7	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 8	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 9	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 10	Select a BMP...							0	0	0	N/A	0	0	0	N/A
TOTAL		12.40	49.60	0.00				173,296				86,648		207,955	
UNTREATED AREA (acres)		65.00	0.00												

Target Runoff Reduction Volume (cf)	185,094
Target Achieved?	No
Remaining Runoff Reduction Volume (cf)	98,446

Target Water Quality Volume (cf)	222,112
% TSS Removal Achieved	86%
Target Achieved?	Yes!
Remaining TSS Removal %	0%

Georgia Stormwater Management Manual

Stormwater Quality Site Development Review Tool, v2.2

Development Name: **Stanton Springs North Rough Grading**
 Drainage Basin Name: **Basin B**

data input cells
 calculation cells
 constant values

Channel and Flood Protection Calculations

	1-yr, 24-hr storm	2-yr, 24-hr storm	25-yr, 24-hr storm	100-yr, 24-hr storm
Target Rainfall Event (in)	3.22	3.69	6.12	7.66

	1-yr, 24-hr storm	2-yr, 24-hr storm	25-yr, 24-hr storm	100-yr, 24-hr storm
Pre-Development Runoff Volume (in)	0.42	0.62	2.00	3.08
Post Development Runoff Volume (in) with no BMPs	1.05	1.37	3.28	4.61
Post-Development Runoff Volume (in) with BMPs	0.86	1.18	3.09	4.43
Adjusted CN	70	71	72	72

*See Stormwater Management Standards to Determine Detention Requirements.

Comments

Georgia Stormwater Management Manual

Stormwater Quality Site Development Review Tool, v2.2

Development Name: **Stanton Springs North Rough Grading**
 Drainage Basin Name: **Basin C**

data input cells
 calculation cells
 constant values

Site Data

Indicate Pre-Development Land Cover and Runoff Curve Numbers in the Site's Disturbed Area

Cover Type	HSG* A (acres)	CN	HSG B (acres)	CN	HSG C (acres)	CN	HSG D (acres)	CN	Total	% Cover
Woods - grass combination (orchard or tree farm) - Good Condition		32	417.05	58		72		79	417.05	95%
Impervious		98	21.95	98		98		98	21.95	5%
Select a land cover type...		0		0		0		0	0.00	0%
Select a land cover type...		0		0		0		0	0.00	0%
Select a land cover type...		0		0		0		0	0.00	0%
Local Jurisdiction Input									0.00	0%
Other									0.00	0%
Total	0.00		439.00		0.00		0.00		439.00	100%

*HSG = hydrologic soil group

Impervious (ac) 21.95
 Weighted CN 60
 Potential Max Soil Retention, S_{pre} (in) 6.67

Indicate Post-Development Land Cover and Runoff Curve Numbers in the Site's Disturbed Area

Cover Type	HSG A (acres)	CN	HSG B (acres)	CN	HSG C (acres)	CN	HSG D (acres)	CN	Total	% Cover
Woods - grass combination (orchard or tree farm) - Good Condition		32	63.00	58		72		79	63.00	14%
Open space - Good condition (grass cover > 75%)		39	75.20	61		74		80	75.20	17%
Impervious		98	300.80	98		98		98	300.80	69%
Select a land cover type...		0		0		0		0	0.00	0%
Select a land cover type...		0		0		0		0	0.00	0%
Local Jurisdiction Input									0.00	0%
Other									0.00	0%
Total	0.00		439.00		0.00		0.00		439.00	100%

Impervious (ac) 300.80
 Rv 0.67
 Weighted CN 86
 Potential Max Soil Retention, S_{post} (in) 1.64

Conservation Area Credits

Scenario 1: Natural Conservation Area **See the GSMM Volume 2, Section 2.3.3.3 for more information.*

Check the box if a portion of the post-developed area is protected by a conservation easement or equivalent form of protection.

Area (ac) of development protected by a conservation easement or equivalent form of protection.

Note: The green cell will unlock if the Scenario 1 box above is checked

Scenario 3: Soil Restoration **See the GSMM Volume 2, Section 4.23 for more information.*

Check the box if a portion of the post-developed area employs soil restoration and is protected by a conservation easement or equivalent form of protection.

Area (ac) of development with restored soils and protected by a conservation easement or equivalent form of protection.

Note: The green cell will unlock if the Scenario 3 box above is checked

Scenario 2: Site Reforestation/Revegetation **See the GSMM Volume 2, Section 4.22 for more information.*

Check the box if a portion of the post-developed area employs site reforestation/revegetation and is protected by a conservation easement or equivalent form of protection.

Area (ac) of development reforested/revegetated and protected by a conservation easement or equivalent form of protection.

Note: The green cell will unlock if the Scenario 2 box above is checked

Scenario 4: Site Reforestation/Revegetation & Soil Restoration **See the GSMM Volume 2, Section 4.22 and 4.23 for more information.*

Check the box if the same portion of the post-developed area employs site reforestation/revegetation and soil restoration, and is protected by a conservation easement or equivalent form of protection.

Area (ac) with restored soils in a reforested & revegetated area and protected by a conservation easement or equivalent form of protection.

Note: The green cell will unlock if the Scenario 4 box above is checked

Total Conservation Area Credit (acres) 0.00

Georgia Stormwater Management Manual

Stormwater Quality Site Development Review Tool, v2.2

Development Name: **Stanton Springs North Rough Grading**
 Drainage Basin Name: **Basin C**

data input cells
 calculation cells
 constant values

Water Quality Goals

Target Runoff Reduction Storm (in) **1.00**

Total Site Area for Water Quality Volume (acres)	439.00
Target Runoff Reduction Volume (cf)	1,062,392
Target Water Quality Volume (cf)	1,274,871

Select BMPs for Runoff Reduction and Water Quality

		Area Draining to Each BMP			Storage Volume Provided by BMP (cf)	RR Conveyance Volume Provided by BMP (cf)	Down-stream BMP	Runoff Reduction Calculations						WQ Calculations	
		On-site Pervious Area (acres)	On-site Impervious Area (acres)	Offsite Area (acres)				RR Volume from Direct Drainage (cf)	RR Volume from Upstream Practices (cf)	Total RR Volume Received by BMP (cf)	Runoff Reduction %	RR Achieved (cf)	Remaining RR Volume (cf)	WQ _v from Direct Drainage (cf)	Effective TSS Removal %
BMP 1	Vegetated Filter Strip (A & B hydrologic soils)	75.20	300.80			1,050,958	BMP 2	1,050,958	0	1,050,958	50%	525,479	525,479	1,261,149	60%
BMP 2	Stormwater Pond				11,702,394			0	525,479	525,479	0%	0	525,479	0	80%
BMP 3	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 4	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 5	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 6	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 7	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 8	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 9	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 10	Select a BMP...							0	0	0	N/A	0	0	0	N/A
TOTAL		75.20	300.80	0.00				1,050,958				525,479		1,261,149	
UNTREATED AREA (acres)		63.00	0.00												

Target Runoff Reduction Volume (cf)	1,062,392
Target Achieved?	No
Remaining Runoff Reduction Volume (cf)	536,913

Target Water Quality Volume (cf)	1,274,871
% TSS Removal Achieved	91%
Target Achieved?	Yes!
Remaining TSS Removal %	0%

Georgia Stormwater Management Manual

Stormwater Quality Site Development Review Tool, v2.2

Development Name: **Stanton Springs North Rough Grading**
 Drainage Basin Name: **Basin C**

data input cells
 calculation cells
 constant values

Channel and Flood Protection Calculations

	1-yr, 24-hr storm	2-yr, 24-hr storm	25-yr, 24-hr storm	100-yr, 24-hr storm
Target Rainfall Event (in)	3.22	3.69	6.12	7.66

	1-yr, 24-hr storm	2-yr, 24-hr storm	25-yr, 24-hr storm	100-yr, 24-hr storm
Pre-Development Runoff Volume (in)	0.42	0.62	2.00	3.08
Post Development Runoff Volume (in) with no BMPs	1.85	2.26	4.52	5.99
Post-Development Runoff Volume (in) with BMPs	1.52	1.93	4.19	5.66
Adjusted CN	81	82	83	83

*See Stormwater Management Standards to Determine Detention Requirements.

Comments

Georgia Stormwater Management Manual

Stormwater Quality Site Development Review Tool, v2.2

Development Name: **Stanton Springs North Rough Grading**
 Drainage Basin Name: **Basin D**

data input cells
 calculation cells
 constant values

Site Data

Indicate Pre-Development Land Cover and Runoff Curve Numbers in the Site's Disturbed Area

Cover Type	HSG* A (acres)	CN	HSG B (acres)	CN	HSG C (acres)	CN	HSG D (acres)	CN	Total	% Cover
Woods - grass combination (orchard or tree farm) - Good Condition		32	293.00	58		72		79	293.00	100%
Select a land cover type...		0		0		0		0	0.00	0%
Select a land cover type...		0		0		0		0	0.00	0%
Select a land cover type...		0		0		0		0	0.00	0%
Select a land cover type...		0		0		0		0	0.00	0%
Local Jurisdiction Input									0.00	0%
Other									0.00	0%
Total	0.00		293.00		0.00		0.00		293.00	100%

*HSG = hydrologic soil group

Impervious (ac) 0.00
 Weighted CN 58
 Potential Max Soil Retention, S_{pre} (in) 7.24

Indicate Post-Development Land Cover and Runoff Curve Numbers in the Site's Disturbed Area

Cover Type	HSG A (acres)	CN	HSG B (acres)	CN	HSG C (acres)	CN	HSG D (acres)	CN	Total	% Cover
Woods - grass combination (orchard or tree farm) - Good Condition		32	174.00	58		72		79	174.00	59%
Open space - Good condition (grass cover > 75%)		39	23.80	61		74		80	23.80	8%
Impervious		98	95.20	98		98		98	95.20	32%
Select a land cover type...		0		0		0		0	0.00	0%
Select a land cover type...		0		0		0		0	0.00	0%
Local Jurisdiction Input									0.00	0%
Other									0.00	0%
Total	0.00		293.00		0.00		0.00		293.00	100%

Impervious (ac) 95.20
 Rv 0.34
 Weighted CN 71
 Potential Max Soil Retention, S_{post} (in) 4.04

Conservation Area Credits

Scenario 1: Natural Conservation Area **See the GSMM Volume 2, Section 2.3.3.3 for more information.*

Check the box if a portion of the post-developed area is protected by a conservation easement or equivalent form of protection.

Area (ac) of development protected by a conservation easement or equivalent form of protection.

Note: The green cell will unlock if the Scenario 1 box above is checked

Scenario 3: Soil Restoration **See the GSMM Volume 2, Section 4.23 for more information.*

Check the box if a portion of the post-developed area employs soil restoration and is protected by a conservation easement or equivalent form of protection.

Area (ac) of development with restored soils and protected by a conservation easement or equivalent form of protection.

Note: The green cell will unlock if the Scenario 3 box above is checked

Scenario 2: Site Reforestation/Revegetation **See the GSMM Volume 2, Section 4.22 for more information.*

Check the box if a portion of the post-developed area employs site reforestation/revegetation and is protected by a conservation easement or equivalent form of protection.

Area (ac) of development reforested/revegetated and protected by a conservation easement or equivalent form of protection.

Note: The green cell will unlock if the Scenario 2 box above is checked

Scenario 4: Site Reforestation/Revegetation & Soil Restoration **See the GSMM Volume 2, Section 4.22 and 4.23 for more information.*

Check the box if the same portion of the post-developed area employs site reforestation/revegetation and soil restoration, and is protected by a conservation easement or equivalent form of protection.

Area (ac) with restored soils in a reforested & revegetated area and protected by a conservation easement or equivalent form of protection.

Note: The green cell will unlock if the Scenario 4 box above is checked

Total Conservation Area Credit (acres) 0.00

Georgia Stormwater Management Manual

Stormwater Quality Site Development Review Tool, v2.2

Development Name: **Stanton Springs North Rough Grading**
 Drainage Basin Name: **Basin D**

data input cells
 calculation cells
 constant values

Water Quality Goals

Target Runoff Reduction Storm (in) **1.00**

Total Site Area for Water Quality Volume (acres)	293.00
Target Runoff Reduction Volume (cf)	364,198
Target Water Quality Volume (cf)	437,037

Select BMPs for Runoff Reduction and Water Quality

		Area Draining to Each BMP			Storage Volume Provided by BMP (cf)	RR Conveyance Volume Provided by BMP (cf)	Down-stream BMP	Runoff Reduction Calculations						WQ Calculations	
		On-site Pervious Area (acres)	On-site Impervious Area (acres)	Offsite Area (acres)				RR Volume from Direct Drainage (cf)	RR Volume from Upstream Practices (cf)	Total RR Volume Received by BMP (cf)	Runoff Reduction %	RR Achieved (cf)	Remaining RR Volume (cf)	WQ _v from Direct Drainage (cf)	Effective TSS Removal %
BMP 1	Vegetated Filter Strip (A & B hydrologic soils)	23.80	95.20			332,617	BMP 2	332,617	0	332,617	50%	166,308	166,308	399,140	60%
BMP 2	Stormwater Pond				5,880,600			0	166,308	166,308	0%	0	166,308	0	80%
BMP 3	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 4	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 5	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 6	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 7	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 8	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 9	Select a BMP...							0	0	0	N/A	0	0	0	N/A
BMP 10	Select a BMP...							0	0	0	N/A	0	0	0	N/A
TOTAL		23.80	95.20	0.00				332,617				166,308		399,140	
UNTREATED AREA (acres)		174.00	0.00												

Target Runoff Reduction Volume (cf)	364,198
Target Achieved?	No
Remaining Runoff Reduction Volume (cf)	197,889

Target Water Quality Volume (cf)	437,037
% TSS Removal Achieved	84%
Target Achieved?	Yes!
Remaining TSS Removal %	0%

Georgia Stormwater Management Manual

Stormwater Quality Site Development Review Tool, v2.2

Development Name: **Stanton Springs North Rough Grading**
 Drainage Basin Name: **Basin D**

data input cells
 calculation cells
 constant values

Channel and Flood Protection Calculations

	1-yr, 24-hr storm	2-yr, 24-hr storm	25-yr, 24-hr storm	100-yr, 24-hr storm
Target Rainfall Event (in)	3.22	3.69	6.12	7.66

	1-yr, 24-hr storm	2-yr, 24-hr storm	25-yr, 24-hr storm	100-yr, 24-hr storm
Pre-Development Runoff Volume (in)	0.35	0.53	1.83	2.87
Post Development Runoff Volume (in) with no BMPs	0.90	1.20	3.02	4.31
Post-Development Runoff Volume (in) with BMPs	0.75	1.04	2.86	4.16
Adjusted CN	68	69	70	70

*See Stormwater Management Standards to Determine Detention Requirements.

Comments