

# REGIONAL REVIEW NOTIFICATION

Atlanta Regional Commission • 229 Peachtree Street NE | Suite 100 | Atlanta, Georgia 30303 • ph: 404.463.3100 fax: 404.463.3205 • atlantaregional.org

**DATE: JANUARY 26, 2022** 

**TO:** Mayor Kurt Wilson, City of Roswell

**ATTN TO**: Jackie Diebel, Planning and Zoning Director, City of Roswell

FROM: Douglas R. Hooker, Executive Director, ARC

Digital signature Original on file

Dragh R. Hok

The Atlanta Regional Commission (ARC) has received the following proposal and is initiating a regional review to seek comments from potentially impacted jurisdictions and agencies. The ARC requests your comments related to the proposal not addressed by the Commission's regional plans and policies.

Name of Proposal: 9650 Dogwood Road RC-22-01R

Review Type: MRPA MRPA Code: RC-22-01R

<u>Description</u>: A proposal to construct a single-family home on a .64 acre lot within the Chattahoochee River Corridor at 9650 Dogwood Road in the city of Roswell. The project will require a land disturbance area of 8,428 SF (30% of the site) which is the maximum permitted, and the creation of 4,214 SF of impervious space (15% of the site) which is the maximum permitted. The project includes construction of a single-family home, driveway, parking area, and patio.

<u>Preliminary Finding:</u> ARC staff has opened its review of the application for a MRPA Certificate for this proposed project in the Chattahoochee River Corridor. ARC's preliminary finding is that the project is consistent with the Chattahoochee River Corridor Plan.

**Submitting Local Government:** City of Roswell

Land Lot: 530 District: 1
Date Opened: January 26, 2022

**Deadline for Comments:** February 5, 2022

Earliest the Regional Review can be Completed: February 7, 2022

### THE FOLLOWING LOCAL GOVERNMENTS AND AGENCIES ARE RECEIVING NOTICE OF THIS REVIEW:

ATLANTA REGIONAL COMMISSION
NATIONAL PARK SERVICE
FULTON COUNTY

GEORGIA DEPARTMENT OF NATURAL RESOURCE
GEORGIA CONSERVANCY
CITY OF SANDY SPRINGS

CHATTAHOOCHEE RIVERKEEPER
CITY OF ROSWELL

If you have any questions regarding this review, please contact Donald Shockey at <a href="mailto:dshockey@atlantaregional.org">dshockey@atlantaregional.org</a> or (470) 378-1531. If ARC staff does not receive comments from you on or before 2022-02-05 00:00:00, we will assume that your agency has no additional comments and will close the review. Comments by email are strongly encouraged. **The ARC review website is located at:** <a href="http://www.atlantaregional.org/land-use/planreviews">http://www.atlantaregional.org/land-use/planreviews</a>.

Attached is information concerning this review.

## ARC STAFF NOTICE OF REGIONAL REVIEW AND COMMENT FORM

**DATE:** JANUARY 26, 2022

**TO:** ARC Community Development and Natural Resources Managers

**FROM:** Donald Shockey, 470-378-1531

### **Reviewing staff by Jurisdiction:**

**Community Development:** Andrew Smith

Natural Resources: Jim Santo

Name of Proposal: 9650 Dogwood Road RC-22-01R

Review Type: MRPA

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### Response:

- 1) Proposal is CONSISTENT with the following regional development guide listed in the comment section.
- 2) While neither specifically consistent nor inconsistent, the proposal relates to the following regional development guide listed in the comment section.
- 3) The proposal is INCONSISTENT with the following regional development guide listed in the comment section.
- 4) The proposal does NOT relate to any development guide for which this division is responsible.
- 5) Staff wishes to confer with the applicant for the reasons listed in the comment section.

COMMENTS:



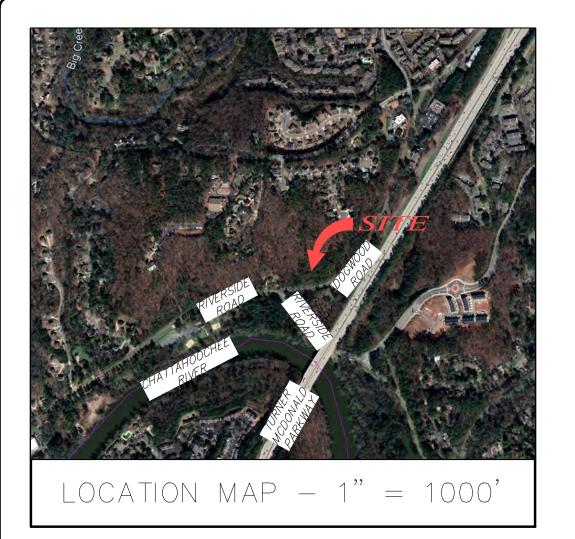
# APPLICATION FOR METROPOLITAN RIVER PROTECTION ACT CERTIFICATE

1.	Name of Local G	Government: City of Roswell		
•	O () CD	I CD	. *	
2.		ord of Property to be Review	ea:	
		nytro Shatkovskyy		
	City: Norcro	dress: 3360 Maria Blvd NW	States GA	Zip: 30092
		one Numbers (w/Area Code):	_State: OA	Zip
			For	
	Othor N	umbers:	Fax	
	Other N	umbers		
3.	Applicant(s) or	Applicant's Agent(s):		
J.		nytro Shatkovskyy		
		dress: 3360 Maria Blvd NW		
	City: Norcross		State: GA	Zip: 30092
		one Numbers (w/Area Code):	-	
			Fax:	
	•	umbers:		
4.	Proposed Land	or Water Use:		
	Name of De	velopment: 9650 Dogwood Road,	Roswell, GA 30075	
	Description	of Proposed Use: Single - Family	, Residential	
5.	Property Descrip	otion (Attach Legal Description	on and Vicinity Map	d Section Fulton County Georgia
	Land Lot(s)	, District, Section, County: La	nd Lot 550, 1st District, 211	d Section, I ditori county, occigio
	C., b. dissision	Let Black Street and Addu	ana Diotanaa ta Naan	est Intersection:
		d, Roswell, Georgia, Approximately 15		est intersection.
		elopment (Use as Applicable):		
	Acres:	7 11 0 11 00110		
	Acres.	Outside Corridor:		
		Total: 0.64 AC		
	Lots:	Inside Corridor: 1 Lot, 0.64 A		
	Lots.			
		TO A I I I OF OGA AC		
	Units:	Inside Corridor: N/A		
	Onnes.	Outside Corridor: N/A		
		Total: N/A		
	Other Size I	Descriptor (i.e., Length and V	Vidth of Easement):	
	Other Size I	Inside Corridor: N/A		
		Outside Corridor: N/A		
		Total: N/A		

A. Doe is n	Chattahoochee Corres the total development of this application of the control of	ent include addition: ation? No		-	
bor Cor If "	any part of the prop dering this land, pre- ridor review approv- yes", please identify the he review(s):	viously received a ce al? No the use(s), the review	ertificate or any oth	her Chattahoo  mber(s), and	ochee the date(
A. Sep No lo	Il Sewage from this E tic tank_ ote: For proposals wi cal government healt lic sewer system Publi	ith septic tanks, the a	application must in		propriat
	y of Vulnerability Ai		— Land or Water Use	e:	
Vulnerability Category	y Total Acreage (or Sq. Footage)	Total Acreage (or Sq. Footage) Land Disturbance	Total Acreage (or Sq. Footage) Imperv. Surface	Percent Land <u>Disturb.</u> (Maximums Parenth	
Α				(90)	(75)_
В					(60)
С _					
				(50)	(45)
D _				(50)	(45)
D	28,095 sq. ft.	8,428 sq. ft.		(70)	(30)
				(70) (50)	
E				(70) (50) (30) 30%	(30) (15)_15

9.	Is any of this Land within the 100-Year Floodplain of the Chattahoochee River? No  If "yes", indicate the 100-year floodplain elevation:  NOTE: For this review, river floodplain is determined from the U.S. Army Corps of Engineers' "Floodplain Information - Chattahoochee River, Buford Dam to Whitesburg, Georgia", November, 1973 and its Supplement of March, 1982.  NOTE: All river 100-year floodplain is assigned to the "E" Category; its allowable allocations can be combined with those of other "E" land in the review. Also, 100-year floodplain cannot be reanalyzed and cannot accept transfers.
10.	Is any of this land within the 500-year floodplain of the Chattahoochee River? No  If "yes", indicate the 500-year flood plain elevation:  NOTE: Plan Standards include a 35-foot height limit above the pre-construction grade within the 500-year floodplain (includes the 100-year floodplain).  Adherence to this standard must be noted on the submitted plans (see Part 2.B.(4) of the Chattahoochee Corridor Plan).
11.	The following is a checklist of information required to be attached as part of the application. Individual items may be combined.
-	ALL APPLICATIONS:  Description of land in the application and any additional land in the project (attach legal description or surveyed boundaries).  Name, address, and phone number(s) of owner(s) of record of the land in the application. (Space provided on this form)
	Written consent of all owners to this application. (Space provided on this form)
X	Name, address, and phone number(s) of applicant or applicant's agent. (Space provided on this form)
X	Description of proposed use(s). (Space provided on this form)
-	Existing vegetation plan.
X	Proposed grading plan.
	Certified as-builts of all existing land disturbance and impervious surfaces.
X	Approved erosion control plan.
x	Detailed table of land-disturbing activities. (Both on this form and on the plans)

<u>x</u>	Plat-level plan showing (as applicable): lot boundaries; any other sub-areas; all easements
	and rights-of -way; 100- and 500-year river floodplains; vulnerability category boundaries; topography; any other information that will clarify the review.
	Documentation on adjustments, if any.
<u>x</u>	Cashier's check or money order (for application fee).
	SINGLE-STEP APPLICATIONS (NON-SUBDIVISION): Site plan.
<u>x</u>	Land-disturbance plan.
FOR	TWO-STEP SINGLE-FAMILY SUBDIVISION APPLICATIONS ONLY: Concept plan.
	Lot-by-lot and non-lot allocation tables.
	I (we), the undersigned, authorize and request review of this application for a certificate under the provisions of the Metropolitan River Protection Act: (use additional sheets as necessary)
	Signature(s) of Owner(s) of Record Date
	I (we), the undersigned, authorize and request review of this application for a certificate under the provisions of the Metropolitan River Protection Act:
	NA 11/17/2021
	Signature(s) of Applicant(s) or Agent(s)  Date
	The governing authority of requests review by the Atlanta Regional Commission of the above-described use under the Provisions of the Metropolitan River Protection Act.
	Signature of Chief Elected Official or Official's Designee  Date



**EROSION CONTROL PLAN FOR:** 

# 9650 DOGWOOD ROAD

\_\_\_\_

LAND LOT 530, 1ST DISTRICT, 2ND SECTION,
FULTON COUNTY, GEORGIA
RS-18

\_\_\_\_

Approved MRPA E&SC Plan
Plan Set Sheets 1 --> 7

01/13/2022

Lenor M. Bromberg

City Enginee

Shee	et List Table
Sheet Number	Sheet Title
01	COVER
02	SITE PLAN
03	EROSION CONTROL PLAN
04	DETAILS
05	NOTES (1 OF 2)
06	NOTES (2 OF 2)
07	CHECKLIST

OWNER:

MAGNOLIA DRIVE, LLC 5805 STATE BRIDGE RD G-263 JOHNS CREEK, GA, 30097

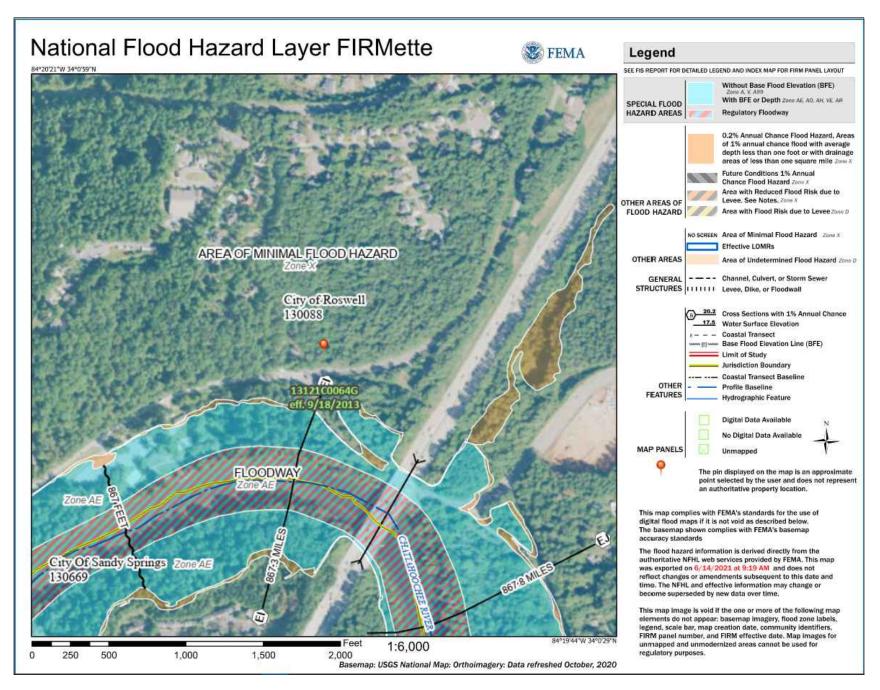
> 24-HOUR CONTACT: ARTHUR BLUMEN 404.667.2350

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	REVISIONS				
NO.	DATE	REFERENCE	SHEETS		

GENERAL DEVELOPMENT NOTES:

- 1. ALL HANDICAP RAMPS, HANDICAP PARKING SPACES AND SIDEWALKS TO BE A.D.A. COMPLIANT.
- 2. ALL BUFFERED STATE WATERS LOCATED ON OR WITHIN 200 FEET OF THE PROJECT SITE HAVE BEEN DELINEATED.
- 3. ALL EROSION AND SEDIMENTATION CONTROLS, AND TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO GRADING.
- 4. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLANS DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
- 5. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND-DISTURBING ACTIVITIES.



TOTAL SITE AREA = 0.64 AC DISTURBED AREA = 0.19 AC



No. 033634

PROFESSIONAL

A. HAGERMAN

GaSWCC #10465

DOGWOOD KOK ----B LOT 530, 1ST DISTRICT, 2ND SECTION, FULTON COUNTY, GEORGIA

DRAWN BY: JPK/RJS

CHECKED BY: DAH

DRAWN BY: JPK/RJS

CHECKED BY: DAH

DATE: 12.17.2021

SHEET TITLE:
COVER

SCALE: N.T.S.

**PROPOSED ELEVATION:** F.F.E. = 905.0 GARAGE = 895.0

AREA COVERAGE: TOTAL LOT AREA ~ 27,865 S.F. (0.64 AC.)
TOTAL IMPERVIOUS ~ 3,633 S.F.
PERCENT IMPERVIOUS ~ 13%

BREAKDOWN: HOUSE ~ 1,750 S.F. DRIVEWAY ~ 1,783 S.F. PATIO ~ 100 S.F.

<u>ADDRESS</u> 9650 DOGWOOD ROAD

5. ZONING = RS-186. BUILDING SETBACKS:

- GENERAL SITE NOTES:

  1. TOTAL SITE AREA = 0.64 AC 2. TOTAL DISTURBED AREA = 0.19 AC 3. OWNER:
- MAGNOLIA DRIVE, LLC 5805 STATE BRIDGE RD 4. 24-HOUR CONTACT: ARTHUR BLUMEN

404.667.2350

FRONT: 50' REAR: 35' SIDE: 10'

# ARC CHART PER CHATTAHOOCHEE COORIDOR PLAN 1. VULNERABILITY CATEGORY = E 2. MAXIMUM DISTURBANCE AREA ALLOWED = 30%

- MAXIMUM IMPERVIOUS AREA ALLOWED = 15%
- TOTAL SITE AREA = 28,095 S.F. OR 0.64 AC TOTAL DISTURBED AREA PROPOSED = 8,312 S.F. OR 0.19 AC (29.6%)
- 6. TOTAL IMPERVIOUS AREA PROPOSED = 4,033 S.F. OR 0.08 AC (14.4%)

/v ·~ / VICKERY CREEK  $N \sim F$ SUBDIVISION WILLIAMS, TYRIE A & P.B. 179, PG. 104 DOMONIQUE S D.B. 51471, PG. 0287 S 88°36'52" E S 88°53'21" E 100.97 100.17 N ~ F RATHUR, BABER Z & RATHUR, CAROLYN E ..... D.B. 52828, PG. 0667 103.75°  $N \sim F$ DERRICK BANKS D.B. 55974, PG. 09 HOUSE 50'X35' PROP. 4" PVC UNDERDRAIN CONNECTION -FROM DOWNSPOUTS TO -PROP. FLO-WELL  $N \sim F$ McNEELY FARMS PADPROPERTY 30'X20' PROP. LOCATION OF FLO-WELL (SEE SHEET 03 FOR DETAILS) 9640 PROP. 4" PVC UNDERDRAIN CONNECTION FROM PROP. TRENCH DRAIN TO PROP. / FLO-WELL P.O.B. 1,321.54' TO THE NORTHWEST R/W OF

DOGWOOD ROAD (80' R/W) (F.K.A. RIVERSIDE

ROAD 80' R/W & EAST LINE OF LAND LOT 529)

(RECORD—TIE) D.B. 40620, PG. 226 APPROX. DISTANCE TO INTERSECTION = 15' N 86°32'06" E 102.04 N 86°13'29" E 100.10 □ WV MON. PROP. LOCATION OF NDS DURA SLOPE DS-103N (OR SIMILAR) TRENCH DRAIN (SEE SHEET 04 FOR DETAILS) E.O.P. DOGWOOD ROAD (80' R/W) RIVERSIDE ROAD (80' R/W) C/L E.O.P. 24" C&G 24" C&G APPROX. DISTANCE TO CHATTAHOOCHEE\ RIVER = 505' 



ALL LOT BEARINGS/DISTANCES, EASEMENTS, BUFFERS, PIPE SIZE AND MATERIAL, ETC. PER RECORDED SURVEYS. RECORDED IN DEED BOOK 11597, PG. 345 AND P.B. 179, PG. 104.
EXISTING TOPOGRAPHY SHOWN IS CITY OF ROSWELL GIS.

No. 033634 **PROFE**SSIONAL GaSWCC #10465

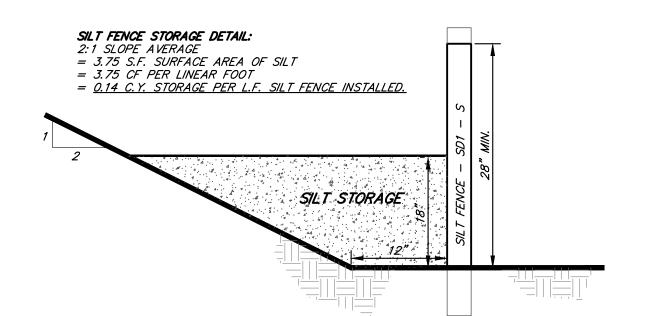
1ST DISTRI COUNTY, RS-18

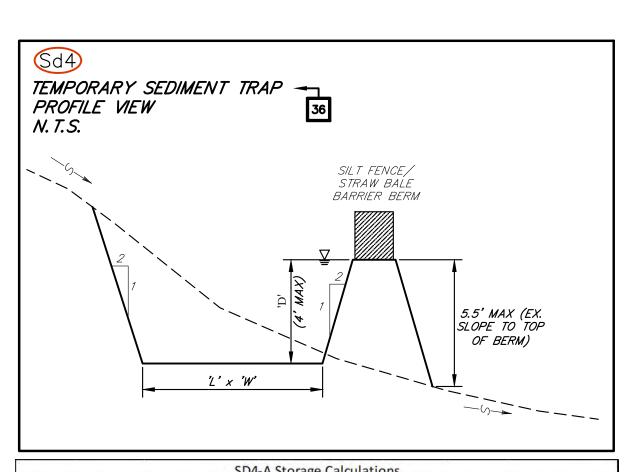
DRAWN BY:

JPK/RJS DAHCHECKED BY: 12.17.2021 SITE PLAN

SCALE: **1"=20'** 

SCALE IN FEET





		SD4-A S	torage Calculation	ons		
Pond #	Total Area (Acres)	Required Sediment Storage (c.y.)	Depth	Width	Length	Provided Sediment Storage (c.y.)
Sd4-A1	0.48	32.16	4	11	20	32.59
Sd4-A2	0.25	16.75	4	4	28.5	16.89

Du IRRIGATION METHOD - SITE IS SPRINKLED WITH WATER UNTIL THE SURFACE IS WET. REPEAT AS NEEDED.

> \* APPROXIMATE LOCATION OF CONCRETE WASHOUT CO DIMENSIONS TO BE 20' X 50'

# **GENERAL SITE NOTES:** TOTAL SITE AREA = 0.64 AC TOTAL DISTURBED AREA = 0.19 AC

MAGNOLIA DRIVE, LLC 5805 STATE BRIDGE RD G-263

FRONT: 50'

REAR: 35'

SIDE: 10'

4. 24-HOUR CONTACT: ARTHUR BLUMEN 404.667.2350 5. ZONING = RS-186. BUILDING SETBACKS:

# ARC CHART PER CHATTAHOOCHEE COORIDOR PLAN

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TOTAL DISTURBED AREA PROPOSED = 8,312 S.F. OR 0.19 AC (29.6%) 6. TOTAL IMPERVIOUS AREA PROPOSED = 4,033 S.F. OR 0.08 AC (14.4%)

# CITY OF ROSWELL EROSION SEDIMENTATION AND POLLUTION CONTROL

- 1. IF APPLICABLE, THE CONTRACTOR/OPERATOR / OWNER UPON FILING THE NOI AND NOT FOR THE STATE NPDES CONSTRUCTION GENERAL SHALL SUBMIT COPIES OF THE NOI AND NOT TO THE CITY ENGINEER
  ALONG WITH A COPY OF THE CERTIFIED MAIL RECEIPT.
  2. NOTICE IS HEREBY GIVEN THAT ALL EROSION AND SEDIMENT DEVICES
- AND PRACTICES MUST BE INSTALLED AND MAINTAINED AT ALL TIMES. FURTHER NOTICE WILL BE GIVEN. ANY SITE UPON WHICH THE LAND DEVELOPMENT INSPECTOR FINDS ANY DEFICIENCY WILL BE SUBJECT IMMEDIATE ENFORCEMENT ACTION WITHOUT WARNING. ALL SEDIMENT CONTROL WILL BE MAINTAINED UNTIL ALL UP GRADIENT GROUND WITHIN THE CONSTRUCTION AREA HAS BEEN COMPLETELY STABILIZED WITH PERMANENT VEGETATION AND ALL ROADS/DRIVEWAYS HAVE BEEN 3. PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITY, THE LIMITS OF
- LAND DISTURBANCE SHOULD BE CLEARLY AND ACCURATELY DEMARCATED WITH STAKES, RIBBONS, OR OTHER APPROPRIATE MEANS. THE LOCATION
  AND EXTENT OF ALL AUTHORIZED LAND DISTURBANCE SHALL OCCUR APPROVED LIMITS INDICATED ON THE APPROVED PLANS. NO CLEARING BEYOND THE LIMITS OF DISTURBANCE SHOWN ON THE APPROVED PLANS SHALL BE ALLOWED.
- 4. NO LAND DISTURBING ACTIVITY OR STORAGE OF MATERIALS WITHIN ANY TREE SAVE AREA SHALL BE ALLOWED.

# NOTES: 1. CONCRETE WASH-OUT AREA: CONCRETE WASH-OUT AREA

RATHUR, BABER Z & RATHUR, CAROLYN E D.B. 52828, PG. 0667

 $N \sim F$ McNEELY FARMS PROPERTY

RIVERSIDE ROAD (80' R/W)

- WILL BE PROVIDED IN THE VICINITY OF EACH LOT. 2. ALL EROSION CONTROL MEASURES MUST BE INSTALLED
- PRIOR TO ANY LAND DISTURBANCE 3. ALL EROSION CONTROL MEASURES MUST BE MAINTAINED
- THROUGHOUT LAND DISTURBANCE 4. PHASE THREE MUST INCLUDE FINAL STABILIZATION AND
- INSTALLATION OF SOD FOR POLLUTION CONTROL AFTER ALL TEMPORARY EROSION CONTROL MEASURES HAVE BEEN
- REMOVED 5. ALL TEMPORARY EROSION CONTROL MEASURES, INCLUDING BUT NOT LIMITED TO CONSTRUCTION EXIT, SILT FENCE, ETC., MUST BE REMOVED AFTER FINAL STABILIZATION.

1. ALL LOT BEARINGS/DISTANCES, EASEMENTS, BUFFERS, PIPE SIZE AND MATERIAL, ETC. PER RECORDED SURVEYS. RECORDED IN DEED BOOK 11597, PG. 345 AND P.B. 179, PG.

2. EXISTING TOPOGRAPHY SHOWN IS CITY OF ROSWELL GIS.

CITY OF ROSWELL GENERAL CONSTRUCTION NOTES:

1. A PRECONSTRUCTION MEETING WITH THE LAND DISTURBANCE INSPECTOR IS
REQUIRED PRIOR TO RELEASE OF THE LAND DISTURBANCE PERMIT.

2. AN ENCROACHMENT PERMIT IS REQUIRED FOR ANY WORK WITHIN THE PUBLIC RIGHT OF WAY FROM THE ROSWELL DEPARTMENT OF TRANSPORTATION. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL

DISTURBANCE/TREE

PROTECTION

FENCE PLAN

DOUBLE ROW

\_\_\_\_\_\_

LOCATION OF FLO-WELL.

(TO BE INSTALLED AFTER FINAL STABILIZATION.—

CONTRACTOR TO ENSURE ALL DOWN-SPOUTS

ARE CONNECTED TO FLO-WELL)

DOGWOOD ROAD

(80' R/W)

FFE=905.0

GARAGE=895.0

HOUSE \_*50'X35'* 

TOW=905.0

*`BOW=895.0* 

BEING MADE. CONTACT JOHN WOOTEN FOR ENCROACHMENT PERMITS AND TRAFFIC CONTROL PLAN APPROVAL AT 770-594-6108.

3. A TREE REMOVAL PERMIT IS REQUIRED FOR ALL TREES 3-INCH CALIPER OR GREATER; AND FOR REMOVAL OF SPECIMEN TREES. 4. TREE PROTECTION FENCING MUST BE INSTALLED AND APPROVED BY THE CITY ARBORIST PRIOR TO ISSUANCE OF THE LAND DISTURBANCE PERMIT, AS APPLICABLE. CONTACT THE CITY ARBORIST AT 770-594-6293 FOR

NECESSARY BARRICADES WHILE ROADWAY FRONTAGE IMPROVEMENTS ARE

- INSPECTION WHENEVER SPECIMEN TREES, BUFFERS, OR TREE SAVE AREAS ARE LOCATED ON OR ADJACENT TO THE SITE. 5. CONSTRUCTION IS ONLY ALLOWED MON.—SAT. BETWEEN THE HOURS OF 7:00 AM AND 7:00 PM; HOWEVER THIS DOES NOT APPLY TO ANY PERSON PERFORMING CONSTRUCTION ACTIVITY AT HIS OR HER RESIDENCE, BUT SUCH PERSONS ARE SUBJECT TO THE NOISE RESTRICTIONS SET OUT IN
- SUBSECTION 8.8.3(S) OF THE CITY CODE.

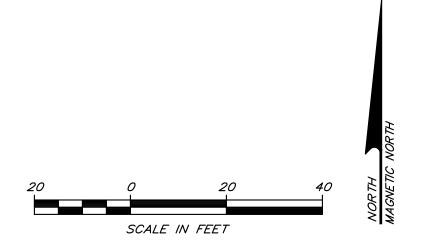
  6. ALL CONSTRUCTION SHALL MINIMALLY COMPLY WITH THE CITY OF ROSWELL STANDARD CONSTRUCTION SPECIFICATIONS AND SUBDIVISION REGULATIONS AND THE BEST MANAGEMENT PRACTICES AS SET FORTH IN THE
- CITY OF ROSWELL SOIL EROSION, SEDIMENTATION AND POLLUTION CONTROL ORDINANCE. 7. NO GRADING SHALL BE DONE UNTIL THE INITIAL EROSION CONTROL INSTALLATION PASSES INSPECTION, AND A LAND DISTURBANCE NOTIFICATION IS
- ISSUED BY THE LAND DEVELOPMENT INSPECTOR. 8. CONTRACTOR MUST NOTIFY LAND DEVELOPMENT INSPECTOR TWENTY-FOUR (24) HOURS PRIOR TO BEGINNING CONSTRUCTION AND AT THE BEGINNING OF EACH NEW PHASE OR AFTER A LULL OF MORE THAN 14 DAYS. CONTACT YOUR LAND DISTURBANCE INSPECTOR TO SCHEDULE
- 9. OWNER AGREES TO PROVIDE AND MAINTAIN OFF-STREET PARKING ON THE SUBJECT PROPERTY DURING THE ENTIRE CONSTRUCTION PERIOD.

  10. BURNING OF DEBRIS OR CONSTRUCTION MATERIALS IS NOT PERMITTED WITHIN THE CITY OF ROSWELL.
- 11. BURIAL OF CONSTRUCTION MATERIALS IS NOT PERMITTED WITHIN THE CITY OF 12. THE OWNER/DEVELOPER IS RESPONSIBLE TO COORDINATE WITH THE US ARMY CORPS OF ENGINEERS CONCERNING PERMITS OR REQUIREMENTS
  WHEN WETLANDS OR STREAMS ARE PROPOSED TO BE DISTURBED ON THE
  PROPERTY. FAILURE TO REQUEST A DETERMINATION OF PERMIT
- REQUIREMENT BEFORE DISTURBING ANY WETLANDS OR STREAMS COULD RESULT IN PENALTIES BEING IMPOSED BY THE CORPS OF ENGINEERS.

  13. A CITY OF ROSWELL TRENCHING PERMIT IS REQUIRED PRIOR TO ANY TRENCHING ACTIVITY. CONTACT YOUR CITY OF ROSWELL LAND DEVELOPMENT INSPECTOR TO OBTAIN A TRENCHING PERMIT.
- 14. NO ADDITIONAL DRAINAGE AREAS SHALL BE DIVERTED ONTO CITY RIGHT-OF-WAY
- UNLESS SHOWN ON THE APPROVED SITE PLAN(S).

  15. ALL CORRUGATED METAL STORM DRAINPIPE SHALL BE FULLY BITUMINOUS—COATED GALVANIZED STEEL OR ALUMINIZED TYPE II WITH RE—ROLLED ENDS
- AND BANDS. 16. ALL EXTERIOR LIGHTING SHALL BE PLACED SO AS NOT TO DIRECTLY ILLUMINATE
- ADJACENT PROPERTY. 17. AS-BUILT PLANS OF ALL STORMWATER MANAGEMENT FACILITIES SHALL BE APPROVED BY THE CITY OF ROSWELL ENGINEERING DIVISION PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY, CERTIFICATE OF COMPLETION, RELEASE OF BONDS, OR CLOSEOUT OF THE LAND DISTURBANCE PERMIT, AS APPLICABLE. AS—BUILT PLANS SHALL BE CERTIFIED BY A PROFESSIONAL ENGINEER FOR COMPLIANCE WITH THE APPROVED HYDROLOGY

STUDY AND CONSTRUCTION PLANS. ALL AS—BUILT DOCUMENT SUBMITTALS ARE TO BE PROVIDED IN ACCORDANCE WITH THE CITY'S DIGITAL DATA SUBMISSION STANDARDS AS FOUND ON THE CITY OF ROSWELL WEBSITE.





OFFSITE DRAINAGE AREA IS 0.19 ACRES

 $N \sim F$ 

DERRICK BANKS D.B. 55974, PG. 09

DOUBLE ROW

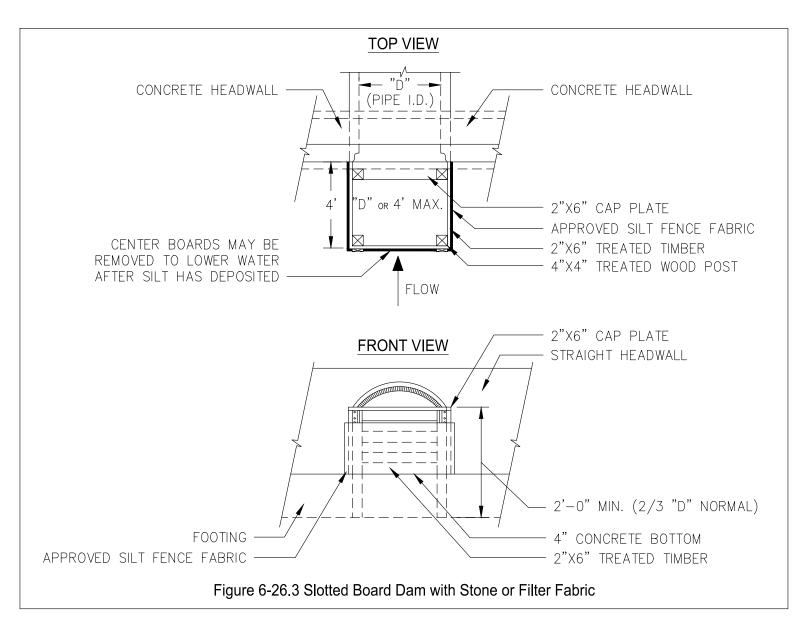


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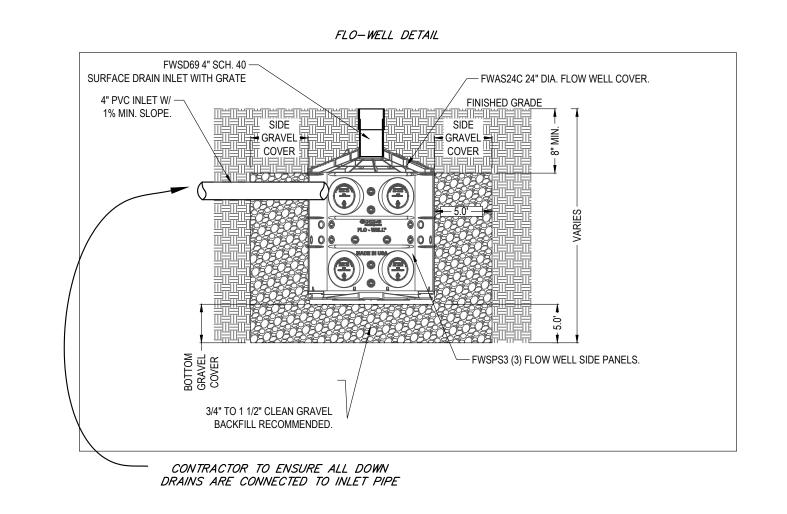
DRAWN BY:

JPK/RJS CHECKED BY: DAH12.17.2021 EROSION CONTROL PLAN

CALE: 1"=20'



https://www.ndspro.com/tools-and-calculators/flo-well-calculator



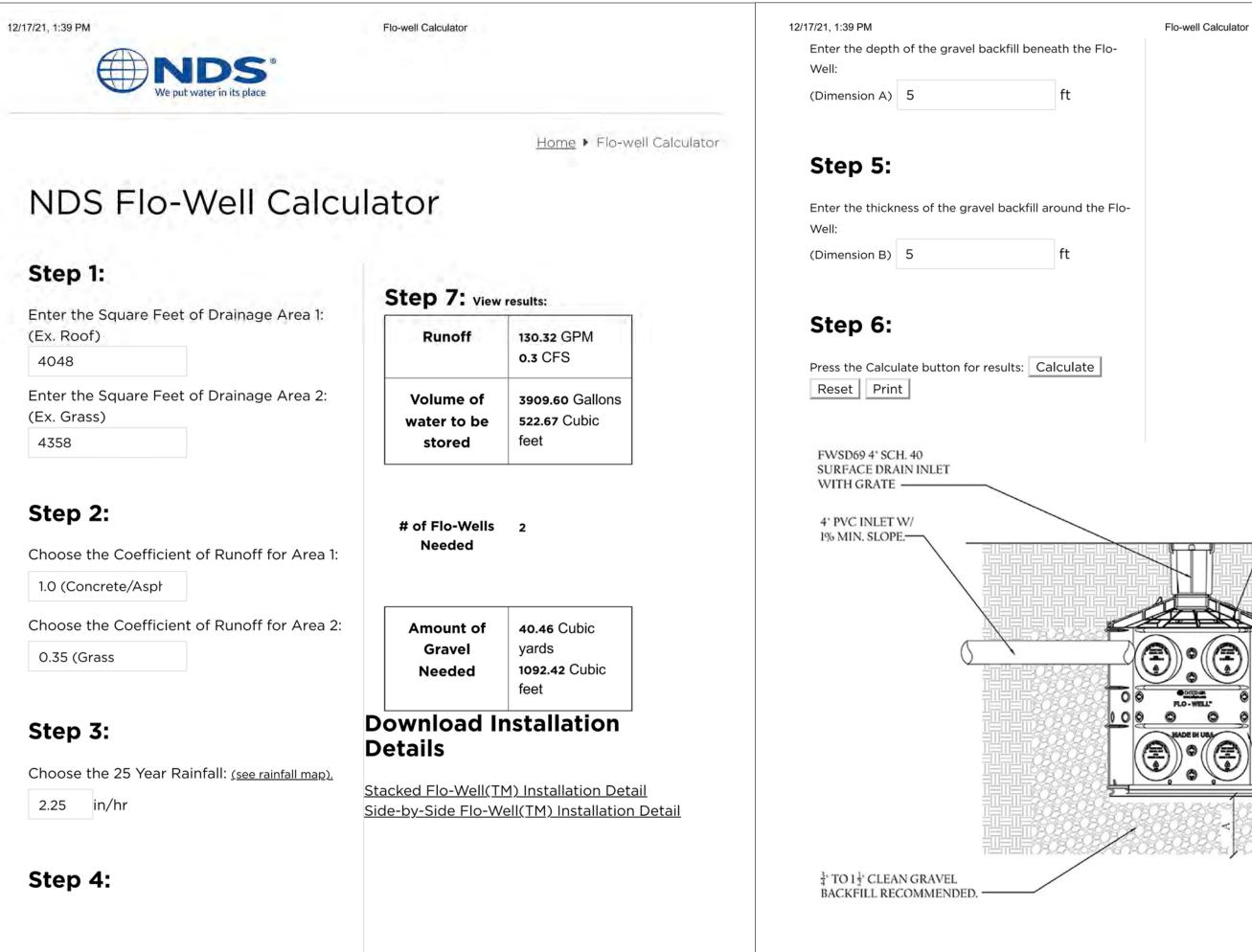
FWAS24C 24° DIA.

FLOW WELL COVER.

FINISHED GRADE

FWSPS3 (3) FLOW WELL SIDE PANELS.

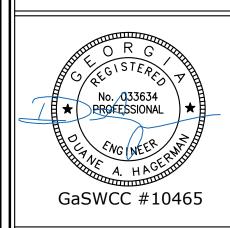
2/3



https://www.ndspro.com/tools-and-calculators/flo-well-calculator



metrics with the second second



50 DOGWOOD ROA

LAND LOT 530, 1ST DISTRICT, 2ND SECTION,
FULTON COUNTY, GEORGIA
RS-18

DRAWN BY:

DRAWN BY: JPK/RJS

CHECKED BY: DAH

DATE: 12.17.2021

SHEET TITLE:
DETAILS

SCALE: 1"=XXX"
SHT. 04 | REV. ---

# EROSION, SEDIMENTATION AND POLLUTION CONTROL NOTES

# OWNER/DEVELOPER

MAGNOLIA DRIVE, LLC 5805 STATE BRIDGE RD

24 HOUR CONTACT NAME: ARTHUR BLUMEN PHONE NUMBER: 404.667.2350

# PRIMARY PERMITTEE

MAGNOLIA DRIVE, LLC 5805 STATE BRIDGE RD G-263

24 HOUR CONTACT NAME: ARTHUR BLUMEN PHONE NUMBER: 404.667.2350 EMAIL: magnoliadrivellc@gmail.com

### GENERAL NOTES

- 1. THIS PROPERTY IS SUBJECT TO ADDITIONAL EASEMENTS OR RESTRICTIONS OF RECORD. 2. BUILDING SETBACKS: FRONT <u>50',</u> SIDE <u>10',</u> REAR <u>35'</u> 3. UTILITY EASEMENT HAS NOT BEEN FIELD VERIFIED BY SURVEYOR. CONTACT UTILITY
- CONTRACTOR FOR LOCATION PRIOR TO CONSTRUCTION. (IF APPLICABLE) 4. THIS PLAT IS FOR EXCLUSIVE USE BY CLIENT. USE BY THIRD PARTIES IS AT THEIR OWN
- 5. DIMENSIONS FROM HOUSE TO PROPERTY LINES SHOULD NOT BE USED TO ESTABLISH FENCES. 6. CONCRETE WASH-OUT AREA: CONCRETE WASH-OUT AREA WILL BE PROVIDED IN THE VICINITY
- PROJECT NARRATIVE: GRADING A LOT FOR SINGLE FAMILY DWELLING PROJECT NAME: DOGWOOD ROAD SITE ADDRESS/LOCATION: 9650 DOGWOOD ROAD
- FULTON COUNTY. GA G.P.S. LOCATION OF CONSTRUCTION FXIT (Co.):
- 34.012° N, -84.334° W PROPOSED USE OF LAND: SINGLE FAMILY RESIDENTIAL CUMULATIVE ACREAGE: 0.64 AC
- CUMULATIVE DISTURBED AREA: 0.19 AC
  THE LIMITS OF DISTURBANCE SHALL NOT BE MORE THAN 50 ACRES AT ONE TIME. IF SO, PRIOR WRITTEN AUTHORIZATION FROM THE E.P.D. DISTRICT OFFICE IS REQUIRED. ESTIMATED RUNOFF COEFFICIENT:
- PRIOR TO CONSTRUCTION = 57-73 AFTER CONSTRUCTION = 57-79 ZONING OF PROPERTY: RS-18
- ADJACENT PROPERTIES: RS-18, RS-12
- AN UNNAMED CREEK THAT FLOWS INTO CHATTAHOOCHEE RIVER. STORM WATER WILL NOT AFFECT ADJACENT PROPERTY.
- EXISTING BUILDINGS/ROADS/IMPROVEMENTS: SUBDIVISION STREETS RUN ALONG THE FRONT OF SITES.
- EXISTING VEGETATION/TOPO/SOIL CONDITIONS/RIVERS/STREAMS ON PROPERTY: CLEARED RESIDENTIAL LOT. TOPOGRAPHY IS GENTLY SLOPING.
- SITE DOES NOT HAVE STATE WATERS WITHIN THE SUBDIVISION. STATE WATERS ARE NOT WITHIN 200' OF THE LOTS SHOWN IN THESE PLANS.
- •• ALL RELATED BUFFERS TO STATE WATERS WITHIN 200' OF SITE HAVE BEEN SHOWN PER ADJACENT PROPERTY DOES CONTAIN STATE WATERS WITH BUFFER
- THE PROJECT DOES NOT INCLUDE WETLANDS WITHIN 200' OF THE PROJECT SITE. IF SITE DOES INCLUDE WETLANDS WITHIN 200', DELINEATION IS SHOWN PER APPROVED FINAL PLAT. THIS DELINEATION IS LIMITED TO PROJECT SITE ONLY.
- NO SPECIAL PERMITS ARE REQUIRED. • THERE IS NO OFFSITE LAKE WITHIN 500' OF SITE.
- SILT FENCE INSTALLED TO PAULDING COUNTY REGULATIONS PRIOR TO START OF
- SEED DISTURBED AREAS ALONG SHOULDERS OF ROAD PAYING SPECIAL ATTENTION TO PROTECT STREAMS AND CRITICAL AREAS DEFINED ON PLANS. INSTALL GRAVEL PADS AS CONSTRUCTION ENTRANCES TO LOTS.
- APPROVAL FOR THE USE OF ALTERNATIVE BMP'S WHOSE PERFORMANCE HAS BEEN DOCUMENTED TO BE EQUIVALENT TO OR SUPERIOR TO CONVENTIONAL BMP'S, AS CERTIFIED BY A DESIGN PROFESSIONAL, MUST BE SATISFIED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION (UNLESS DISAPPROVED BY EPD OR THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION). PLEASE REFER TO BMP GUIDANCE DOCUMENT FOUND AT
- REQUIREMENTS PER PREVIOUSLY APPROVED HYDROLOGY STUDY FOR PROJECT SITE MUST BE SATISFIED. PREVIOUSLY APPROVED HYDRO STUDY SHOULD BE USED FOR PRE— AND POST— CONSTRUCTION DRAINAGE MAPS.
- ALL INFRASTRUCTURE, INCLUDING BUT NOT LIMITED TO STORMWATER, SANITARY SEWER, AND
- A COPY OF THESE PLANS MUST BE KEPT ONSITE DURING THE DURATION OF THE PROJECT. AT LEAST ONE PERSON FROM EACH CREW/COMPANY/ENTITY ON A PROJECT OR SITE MUST HAVE COMPLETED THE EDUCATION AND TRAINING CERTIFICATION (E&TC) REQUIREMENTS AND BE CERTIFIED THROUGH THE GASWCC WHILE ALL LAND DISTURBING ACTIVITY (LDA) IS
- ALL BUILDINGS INCLUDING OVERHANGS ARE CONSIDERED STRUCTURES FOR SETBACK PURPOSES.

THE DESIGN PROFESSIONAL WHO PREPARED THE ES&PC PLAN IS TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMP'S WITHIN 7—DAYS AFTER INSTALLATION. (NOT APPLICABLE IF TOTAL LAND DISTURBANCE IS LESS THAN 5 ACRES AND EACH INDIVIDUAL LOT DISTURBANCE IS LESS THAN 1 ACRE.)

NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION WITHOUT FIRST ACQUIRING THE NECESSARY

AMENDMENTS/REVISIONS TO THE ES&PS PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMP'S WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.

WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND—DISTURBING ACTIVITIES.

EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLANS DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, OR AS DIRECTED BY THE EROSION CONTROL INSPECTOR, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR

TREAT THE SEDIMENT SOURCE. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD OF 14 DAYS SHALL BE STABILIZED WITH MULCH OR

BUILDING MATERIALS, BUILDING PRODUCTS, CONSTRUCTION WASTES, TRASH, LANDSCAPE MATERIALS, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, SANITARY WASTE, AND OTHER MATERIALS TO BE COVERED WITH PLASTIC SHEETING OR OTHER TEMPORARY COVER IN ORDER TO MINIMIZE EXPOSURE TO PRECIPITATION AND TO STORMWATER.

THE NATURE & PURPOSE OF THE PROPOSED LAND DISTURBANCE IS FOR GRADING OF A LOT FOR NEW SINGLE FAMILY DWELLING.

- PERIMETER SILT FENCE (SINGLE OF DOUBLE-ROWS, AS SPECIFIED IN PLANS) SHALL BE USED TO CAPTURE ALL SEDIMENT FROM ESCAPING THE PROPOSED LIMITS OF DISTURBANCE. ADDITIONALLY SILT TRAPS (Sd2-P'S & Sd2-F'S) SHALL BE PLACED ON ALL INLETS, AS SPECIFIED IN PLANS, TO PREVENT SEDIMENT FROM ENTERING THE STORM WATER NETWORK. SPECIAL ATTENTION TO ALL AREAS NEAR CRITICAL ZONES (IE. STREAM, LAKES, CREEKS, ETC.) SHOULD BE TAKEN INTO CONSIDERATION AND MONITORED TO ENSURE THE PREVENTION OF ALL SEDIMENT FROM ESCAPING THE LIMITS OF DISTURBANCE
- THE PERMITEE IS ONLY RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF STORM WATER MANAGEMENT DEVICES PRIOR TO FINAL STABILIZATION OF THE SITE AN NOT THE OPERATION AND MAINTENANCE OF SUCH STRUCTURES AFTER CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED AND N.O.T. HAD BEEN FILED. NARRATIVE NOTES PER CITY OF ROSWELL
- EROSION CONTROL PRACTICES MUST COMPLY WITH THE MINIMUM BEST MANAGEMENT PRACTICES FOR EROSION CONTROL. PAULDING COUNTY, AND SHALL COMPLY WITH THE STANDARDS/SPECIFICATIONS IN THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA.
- 2. IN CONCENTRATED FLOW AREAS, ALL SLOPES STEEPER THAN 2.5:1 AND WITH A HEIGHT TEN FEET OR GREATER, AND CUTS AND FILLS WITH IN STREAM BUFFERS, SHALL BE STABILIZED WITH THE APPROPRIATE EROSION CONTROL MATTING OR BLANKET. WHEN PLANTING VEGETATION, MULCH (HAY OR STRAW) SHOULD BE UNIFORMLY SPREAD OVER SEEDED AREA WITHIN 24 HOURS OF SEEDING. 4. PAULDING COUNTY LAND DISTURBANCE PERMIT/BUILDING PERMITS MUST BE DISPLAYED ON SITE AT ALL TIMES DURING CONSTRUCTION AND IN PLAIN VIEW FROM A
- EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSTALLED AND INSPECTED PRIOR TO ANY GRADING ON SITE. PLEASE CALL 770.443.7601 WITH ENOUGH LEAD-TIME FOR AN INSPECTION TO MEET YOUR SCHEDULE.
- 6. SEDIMENT/EROSION CONTROL DEVICES MUST BE CHECKED AFTER EACH STORM EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REÁCHED ON HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED. THE USE OF POLYMERS (PAMS) IS ACCEPTED AS A BMP AS RECOMMENDED BY THE STATE SOIL & WATER CONSERVATION COMMISSION BMP "GREENBOOK". PAULDING

COUNTY ALSO REQUIRES THAT POLYMERS USED TO STABILIZE CONSTRUCTION SITES MUST BE USED IN CONJUNCTION WITH MULCHING AND OR HYDRO SEEDING.

ADDITIONAL EROSION CONTROL DEVICES TO BE USED AS REQUIRED BY PAULDING COUNTY. IF STREAMS ARE ON YOUR SITE, PAULDING COUNTY WILL REQUIRE THAT THE STREAM BUFFERS BE LEFT UNDISTURBED AND A CONSERVATION EASEMENT OR A RESTRICTIVE COVENANT BE PLACED ON THAT PROPERTY. FOR MORE INFORMATION, PLEASE FEEL FREE TO CONTACT THE COMMUNITY DEVELOPMENT DIRECTOR AT

# RETENTION OF RECORDS PRIMARY PERMITTEE

- 1. EACH DAY WHEN ANY TYPE OF CONSTRUCTION ACTIVITY HAS TAKEN PLACE AT A PRIMARY PERMITTEE'S SITE, CERTIFIED PERSONNEL PROVIDED BY THE PRIMARY PERMITTEE SHALL INSPECT: (A) ALL AREAS AT THE PRIMARY PERMITTEE'S SITE WHERE PETROLEUM PRODUCTS ARE STORED, USED, OR HANDLED FOR SPILLS AND LEAKS FROM VEHICLES AND EQUIPMENT AND (B) ALL LOCATIONS AT THE PRIMARY PERMITTEE'S SITE WHERE VEHICLES ENTER OR EXIT THE SITE FOR EVIDENCE OF OFF—SITE SEDIMENT TRÁCKING. THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE
- OF TERMINATION IS SUBMITTED. 2. MEASURE AND RECORD RAINFALL WITHIN DISTURBED AREAS OF THE SITE THAT HAVE NOT MET FINAL STABILIZATION ONCE EVERY 24 HOURS EXCEPT ANY NON-WORKING SATURDAY, NON-WORKING SUNDAY AND NON-WORKING FEDERAL HOLIDAY. THE DATA COLLECTED FOR THE PURPOSE OF COMPLIANCE WITH THIS PERMIT SHALL BE REPRESENTATIVE OF THE MONITORED ACTIVITY. MEASUREMENT OF RAINFALL MAY BE SUSPENDED IF . AREAS OF THE SITE HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED. A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION.
- 3. CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT THE FOLLOWING AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES RAINFALL OR GREATER (UNLESS SUCH STORM ENDS AFTER 5:00 PM ON ANY FRIDAY OR ON ANY NON-WORKING SATURDAY, NON-WORKING SUNDAY OR ANY NON-WORKING FEDERAL HOLIDAY IN WHICH CASE THE INSPECTION SHALL BE COMPLETED BY THE END OF THE NEXT BUSINESS DAY AND/OR WORKING DAY, WHICHEVER OCCURS FIRST): (A) DISTURBED AREAS OF THE PRIMARY PERMITTEE'S CONSTRUCTION SITE; (B) AREAS USED BY THE PRIMARY PERMITTEE FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION; AND (C) STRUCTURAL CONTROL MEASURES. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN APPLICABLE TO THE PRIMARY PERMITTEE'S SITE SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S). FOR AREAS OF A SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION, THE PERMITTEE MUST COMPLY WITH PART IV.D.4.A-C.(34-40) .. THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS
- 4. CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT AT LEAST ONCE PER MONTH DURING THE TERM OF THIS PERMIT (I.E., UNTIL A NOTICE OF TERMINATION IS SUBMITTED TO EPD) THE AREAS OF THE SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION. THESE AREAS SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM AND THE RECEIVING WATER(S). EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE
- EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S). 5. BASED ON THE RESULTS OF EACH INSPECTION, THE SITE DESCRIPTION AND THE POLLUTION PREVENTION AND CONTROL MEASURES IDENTIFIED IN THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, THE PLAN SHALL BE REVISED AS APPROPRIATE NOT LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION. IMPLEMENTATION OF SUCH CHANGES SHALL BE MADE AS SOON AS PRACTICAL BUT IN NO CASE LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION. THE PRIMARY PERMITTEE MUST AMEND THE PLAN IN ACCORDANCE WITH PART IV.D.4.B.(5) . WHEN A SECONDARY PERMITTEE NOTIFIES THE PRIMARY PERMITTEE OF ANY PLAN DEFICIENCIES.
- 6. A REPORT OF EACH INSPECTION THAT INCLUDES THE NAME(S) OF CERTIFIED PERSONNEL MAKING EACH INSPECTION, THE DATE(S) OF EACH INSPECTION, CONSTRUCTION PHASE (I.E., INITIAL, INTERMEDIATE OR FINAL), MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH PART IV.D.4.A-C.(34-40) .. OF THE PERMIT SHALL BE MADE AND RETAINED AT THE SITE OR BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION UNTIL THE ENTIRE SITE OR THAT PORTION OF A CONSTRUCTION PROJECT THAT HAS BEEN PHASED HAS UNDERGONE FINAL STABILIZATION AND A NOTICE OF TERMINATION IS SUBMITTED TO EPD. SUCH REPORTS SHALL BE READILY AVAILABLE BY END OF THE SECOND BUSINESS DAY AND/OR WORKING DAY AND SHALL IDENTIFY ALL INCIDENTS OF BEST MANAGEMENT PRACTICES THAT HAVE NOT BEEN PROPERLY INSTALLED AND/OR MAINTAINED AS DESCRIBED IN THE PLAN. WHERE THE REPORT DOES NOT IDENTIFY AN INCIDENT, THE INSPECTION REPORT SHALL CONTAIN A STATEMENT THAT THE BEST MANAGEMENT PRACTICES ARE IN COMPLIANCE WITH THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN. THE REPORT
- SHALL BE SIGNED IN ACCORDANCE WITH PART V.G.2. OF THIS PERMIT. THE PRIMARY PERMITTEE SHALL RETAIN THE FOLLOWING RECORDS AT THE CONSTRUCTION SITE OR THE RECORDS SHALL BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE 7.1. A COPY OF ALL NOTICES OF INTENT SUBMITTED TO EPD:
- 7.2. A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN REQUIRED BY THIS PERMIT: 7.3. THE DESIGN PROFESSIONAL'S REPORT OF THE RESULTS OF THE INSPECTION CONDUCTED IN ACCORDANCE WITH PART IV.A.S. OF THIS PERMIT; 7.4. A COPY OF ALL SAMPLING INFORMATION, RESULTS, AND REPORTS REQUIRED BY THIS PERMIT; 7.5. A COPY OF ALL INSPECTION REPORTS GENERATED IN ACCORDANCE WITH PART IV.D.4.A. OF THIS PERMIT;
- 7.6. A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN ACCORDANCE WITH PART III.D.2. OF THIS PERMIT; AND 7.7. DAILY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH PART IV.D.4.A.(2). OF THIS PERMIT. 8. EACH SECONDARY PERMITTEE SHALL RETAIN THE FOLLOWING RECORDS AT THE CONSTRUCTION SITE OR THE RECORDS SHALL BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN
- 8.1. A COPY OF ALL NOTICES OF INTENT SUBMITTED TO EPD; 8.2.A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN REQUIRED BY THIS PERMIT OR THE APPLICABLE PORTION OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN FOR THEIR ACTIVITIES AT THE CONSTRUCTION SITE REQUIRED BY THIS PERMIT;
- 8.3. A COPY OF ALL INSPECTION REPORTS GENERATED IN ACCORDANCE WITH PART IV.D.4.B. OF THIS PERMIT: AND 8.4.A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN ACCORDANCE WITH PART III.D.2. OF THIS PERMIT. 9. EACH TERTIARY PERMITTEE SHALL RETAIN THE FOLLOWING RECORDS AT THE CONSTRUCTION SITE OR THE RECORDS SHALL BE READILY AVAILABLE
- AT A DESIGNATED ALTERNATE LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE 9.1. A COPY OF ALL NOTICES OF INTENT SUBMITTED TO EPD: 9.2. A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN REQUIRED BY THIS PERMIT:
- 9.3. THE DESIGN PROFESSIONAL'S REPORT OF THE RESULTS OF THE INSPECTION CONDUCTED IN ACCORDANCE WITH PART IV.A.S. OF THIS PERMIT; 9.4. A COPY OF ALL SAMPLING INFORMATION, RESULTS, AND REPORTS REQUIRED BY THIS PERMIT; 9.5. A COPY OF ALL INSPECTION REPORTS GENERATED IN ACCORDANCE WITH PART IV.D.4.C. OF THIS PERMIT; 9.6. A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN ACCORDANCE WITH PART III.D.2. OF THIS PERMIT; AND.
- 9.7. DAILY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH PART IV.D.4.C.(2). OF THIS PERMIT. 10. COPIES OF ALL NOTICES OF INTENT, NOTICES OF TERMINATION, INSPECTION REPORTS, SAMPLING REPORTS (INCLUDING ALL CALIBRATION AND MAINTENANCE RECORDS AND ALL ORIGINAL STRIP CHART RECORDINGS FOR CONTINUOUS MONITORING INSTRUMENTATION) OR OTHER REPORTS REQUESTED BY THE EPD, EROSION, SEDIMENTATION AND POLLUTION CONTROL PLANS, RECORDS OF ALL DATA USED TÓ COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT AND ALL OTHER RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED BY THE PERMITTEE WHO EITHER PRODUCED OR USED IT FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THAT THE NOT IS SUBMITTED IN ACCORDANCE WITH PART VI OF THIS PERMIT. THESE RECORDS MUST BE MAINTAINED AT THE PERMITTEE'S PRIMARY PLACE OF BUSINESS ONCE THE CONSTRUCTION ACTIVITY HAS CEASED AT THE PERMITTED SITE. THIS PERIOD MAY BE EXTENDED BY REQUEST OF THE EPD AT ANY TIME UPON WRITTEN

- 1. EACH DAY WHEN ANY TYPE OF CONSTRUCTION ACTIVITY HAS TAKEN PLACE AT A TERTIARY PERMITTEE'S SITE, CERTIFIED PERSONNEL PROVIDED BY THE TERTIARY PERMITTEE SHALL INSPECT: (A) ALL AREAS USED BY THE TERTIARY PERMITTEE WHERE PETROLEUM PRODUCTS ARE STORED, USED, OR HANDLED FOR SPILLS AND LEAKS FROM VEHICLES AND EQUIPMENT; AND (B) ALL LOCATIONS AT THE TERTIARY PERMITTEE SITE WHERE THAT PERMITTEE'S VEHICLES ENTER OR EXIT THE SITE FOR EVIDENCE OF OFF—SITE SEDIMENT TRACKING. THESE INSPEC
- PERFORMING ONLY SERVICE LINE INSTALLATIONS OR WHEN CONDUCTING REPAIRS ON EXISTING LINE INSTALLATIONS MEASURE AND RECORD RAINFALL WITHIN DISTURBED AREAS OF THE SITE THAT HAVE NOT MET FINAL STABILIZATION ONCE EVERY 24 HOURS EXCEPT ANY NON—WORKING SATURDAY, NON—WORKING SUNDAY AND NON—WORKING FEDERAL HOLIDAY. THE DATA COLLECTED FOR THE PURPOSE OF COMPLIANCE WITH THIS PERMIT SHALL BE REPRESENTATIVE OF THE MONITORED ACTIVITY. MEASUREMENT OF RAINFALL MAY BE SUSPENDED IF ALL AREAS OF THE SITE HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET
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- 4. CERTIFIED PERSONNEL (PROVIDED BY THE TERTIARY PERMITTEE) SHALL INSPECT AT LEAST ONCE PER MONTH DURING THE TERM OF THIS PERMIT (I.E., UNTIL A NOTICE OF TERM INATION IS SUBMITTED TO EPD) THE AREAS OF THEIR SITES THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION. THESE AREAS SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM AND THE RECEIVING WATER(S). EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S). THIS PARAGRAPH IS NOT APPLICABLE TO UTILITY COMPANIES AND UTILITY CONTRACTORS PERFORMING ONLY SERVICE LINE INSTALLATIONS OR WHEN CONDUCTING REPAIRS ON EXISTING LINE INSTALLATIONS.
- 5. BASED ON THE RESULTS OF EACH INSPECTION, THE SITE DESCRIPTION AND THE POLLUTION PREVENTION AND CONTROL MEASURES IDENTIFIED IN THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, THE PLAN SHALL BE REVISED AS APPROPRIATE NOT LATER THAN SEVEN (7)
  CALENDAR DAYS FOLLOWING EACH INSPECTION. IMPLEMENTATION OF SUCH CHANGES SHALL BE MADE AS SOON AS PRACTICAL BUT IN NO CASE LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING THE INSPECTION.
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PRODUCT SPECIFIC PRACTICES

GENERAL STORM AND SEWER NOTES

WATER AND SEWER PROVIDED BY THE PAULDING COUNTY

4. LIMITS OF CLEARING AND GRADING LIE WITHIN THE SILT FENCED AREA.

LIMITED TO HEATING & AIR CONDITIONING UNITS AND/OR PADS

• PETROLEUM BASED PRODUCTS - CONTAINERS FOR PRODUCTS SUCH AS FUELS, LUBRICANTS, AND TARS WILL BE INSPECTED DAILY FOR

LEAKS AND SPILLS. THIS INCLUDES ONSITE VEHICLES AND MACHINERY DAILY INSPECTIONS AND REGULAR PREVENTATIVE MAINTENANCE

OF SUCH EQUIPMENT. EQUIPMENT MAINTENANCE AREAS WILL BE LOCATED AWAY FROM STATE WATERS, NATURAL DRAINS, AND STORM

• PAINTS/FINISHES/SOLVENTS — ALL PRODUCTS WILL BE STORED IN TIGHTLY SEALED ORIGINAL CONTAINERS WHEN NOT IN USE. EXCESS PRODUCT WILL NOT BE DISCHARGED TO THE STORM WATER COLLECTION SYSTEM. EXCESS PRODUCT, MATERIALS USED WITH THESE

• CONCRETE TRUCK WASHING - NO CONCRETE TRUCKS WILL BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM

• FERTILIZER/HERBICIDES — THESE PRODUCTS WILL BE APPLIED AT RATES THAT DO NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS

• BUILDING MATERIALS — NO BUILDING OR CONSTRUCTION MATERIALS WILL BE BURIED OR DISPOSED OF ONSITE. ALL SUCH MATERIAL WILL BE DISPOSED OF IN PROPER WASTE DISPOSAL PROCEDURES.

PREVENT/MINIMIZE SITE CONTAMINATION. DISCHARGE OF OILS, FUELS, AND LUBRICANTS IS PROHIBITED. PROPER DISPOSAL METHODS WILL

PRODUCTS. AND PRODUCT CONTAINERS WILL BE DISPOSED OF ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.

OR ABOVÉ THE GUIDELINES SET FORTH IN THE CROP ESTABLISHMENT OR IN THE GSWCC MANUAL FOR EROSION AND SEDIMENT CONTROL

WATER DRAINAGE INLETS. IN ADDITION, TEMPORARY FUELING TANKS SHALL HAVE A SECONDARY CONTAINMENT LINER TO

ALL STORM DRAIN PIPES AND SANITARY SEWER LINES ARE PRE-EXISTING, AND WERE INSTALLED DURING DEVELOPMENT.

6. WHERE CODE REQUIRES (REFERENCE LSC 7.1.8, A.7.2.2.4.1, AND IRC R312.1) INSTALLATION OF A SAFETY RESTRAINT SYSTEM

3. NO STRUCTURES, FENCES OR OTHER OBSTRUCTIONS MAY BE LOCATED WITHIN A DRAINAGE OR ACCESS EASEMENT WITHOUT PRIOR APPROVAL BY THE PAULDING COUNTY DEPARTMENT OF ENGINEERING.

5. PER ZONING ORDINANCE SECTION 6.9.3.1, ACCESSORY STRUCTURES MAY BE LOCATED IN REAR OR SIDE YARDS ONLY BUT SHALL NOT

(GUARDRAIL) ALONG A RETAINING WALL, THE GUARDRAIL SHALL MEET STRENGTH REQUIREMENTS OF IBC 1607.7.1 AND, PER LSC 7.2.2.4.6, THE GUARD MUST BE NOT LESS THAN 42-INCHES HIGH AND BE CAPABLE OF PREVENTING: \*A 2-INCH SPHERE FROM

BE LOCATED WITHIN A MINIMUM YARD (I.E. THE SIDE AND REAR YARD SETBACKS). ACCESSORY STRUCTURES INCLUDE BUT ARE NOT

PASSING BETWEEN BOTTOM OF THE GUARD AND THE TOP OF WALL. \*A 4-INCH SPHERE FROM PASSING THRU GUARDRAIL UP TO 34

INCLUDE COLLECTION IN A SUITABLE CONTAINER AND DISPOSAL AS REQUIRED BY LOCAL AND STATE REGULATIONS.

IN GEORGIA. ANY STORAGE OF THESE MATERIALS WILL BE UNDER ROOF IN SEALED CONTAINERS.

7. STREET TREES PER FINAL PLAT. STREET TREES MUST BE PLANTED PRIOR TO OBTAINING BUILDING CO.

# INDIVIDUAL SITE EROSION AND SEDIMENT CONTROL NOTES

- 1. TERTIARY PERMITTEE IS RESPONSIBLE FOR EROSION CONTROL ON INDIVIDUAL LOTS DURING BUILDING CONSTRUCTION. PRIOR TO CLEARING OF SITE, MARK ALL TREE PROTECTION AND BUFFERS AS INDICATED ON TERTIARY PERMITTEE'S 3. INSTALL SILT FENCE (SD1, TYPE "A" OR TYPE "C", AS APPLICABLE) AT THE LOW SIDE LOT LINE(S), MAY BE
- REQUIRED AT MORE THAN ONE LOCATION ON THE LOT, STATE LAW REQUIRES TWO ROWS OF TYPE "C" SILT FENCE REMOVE VEGETATIVE MATTER FROM THE SITE AND DISPOSE IN ACCORDANCE WITH REGULATIONS OF THE LOCAL
- INSTALL MODIFIED CONSTRUCTION EXIT (CO) AT THE STREET SIDE OF THE LOT, IN THE LOCATION OF THE PROPOSED
- STRIP TOPSOIL FROM THE EXCAVATION SITE OR GRADED AREAS OF THE SITE AND STOCKPILE IN AN AREA DESIGNATED BY THE TERTIARY PERMITTEE, STOCKPILE AREA TO BE ENCLOSED IN SILT FENCE AND COVERED WITH
- EXCAVATE AND/OR GRADE SITE AS REQUIRED TO ESTABLISH FOUNDATION OF THE HOUSE AND ROUGH GRADES FOR
- 8. APPLY MULCH AND/OR TEMPORARY GRASSING (DS1 DS2) ON ALL UNVEGETATED PORTIONS OF THE LOT, OUTSIDE THE LIMITS OF THE FOUNDATION AREA. ONCE HOUSE FOUNDATION IS BACKFILLED OR SLAB ON GRADE IS ESTABLISHED, TERTIARY PERMITTEE IS TO
- RE-ESTABLISH MULCH AND/OR TEMPORARY GRASSING (DS1 DS2) ON ALL UNVEGETATED AREAS OF THE LOT. D. GRADE AROUND PROPOSED HOMES TO FALL AT LEAST 6"-10" AWAY FROM HOUSE TO ENSURE ADEQUATE POSITIVE

11. IT IS THE RESPONSIBILITY OF THE TERTIARY PERMITTEE TO MAINTAIN MULCHING AND/OR TEMPORARY GRASSING (DS1

DS2) ON THE INDIVIDUAL LOT THROUGHOUT THE CONSTRUCTION PROCESS. ALL UNVEGETATED AREAS OF THE INDIVIDUAL LOT SHALL BE COVERED BY MULCH AND/OR TEMPORARY GRASSING (DS1 DS2) INCLUDING THE AREA OF RIGHT-OF-WAY IN FRONT OF THE INDIVIDUAL LOTS THE CONSTRUCTION EXIT (CO) SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1.5-3.5 INCH STONE, AS

CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY STRUCTURES TO TRAP SEDIMENT. ALL MATERIALS

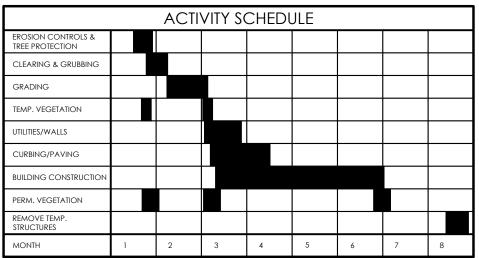
- SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES OR SITE ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY SEDIMENT BARRIERS (SD1) AND TRAPS SHALL HAVE SEDIMENT REMOVED ONCE THE SEDIMENT HAS ACCUMULATED TO ONE-THIRD THE ORIGINAL HEIGHT OF THE BARRIER. FILTER FABRIC SHALL BE REPLACED WHENEVER IT HAS DETERIORATED TO SUCH AN EXTENT THAT THE EFFECTIVENESS OF THE FABRIC IS REDUCED (NO MORE THE SIX MONTHS). TEMPORARY SEDIMENT BARRIERS SHALL REMAIN IN PLACE UNTIL DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED. ALL SEDIMENT ACCUMULATED AT THE BARRIER(S) SHALL BE REMOVED AND PROPERLY DISPOSED OF BEFORE THE BARRIER IS REMOVED. TERTIARY PERMITTEE IS RESPONSIBLE FOR COORDINATING THEIR E&SC MEASURES WITH THOSE OF THE TERTIARY
- PERMITTEE AND ANY ADJOINING TERTIARY PERMITTEE. 5. WASH-DOWN OF ALL CONCRETE TRUCKS TO BE PERFORMED AT A SITE DESIGNATED BY THE TERTIARY PERMITTEE. 16. FINAL STABILIZATION OF THE INDIVIDUAL LOT SHALL BE ACHIEVED EITHER BY INSTALLATION OF SOD OR WITH
- 17. THE ABOVE LISTED MEASURES SHALL BE CONSIDERED BY THE TERTIARY PERMITTEE AS THE MINIMUM MEASURES REQUIRED TO ESTABLISH EROSION AND SEDIMENT CONTROL ON THE INDIVIDUAL LOT. THE TERTIARY PERMITTEE IS TO REFER TO THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEROGIA" FOR ADDITIONAL MEASURES THAT MAY BE NECESSARY TO ESTABLISH AND MAINTAIN BEST MANAGEMENT PRACTICES (BMP'S) ON HIS INDIVIDUAL LOT. 18. TERTIARY PERMITTEE TO REPORT ALL SPILLS OF HAZARDOUS MATERIALS IN ACCORDANCE WITH "GEORGIA'S OIL OR HAZARDOUS MATERIAL SPILLS OR RELEASE ACT" (O.G.C.A. 12-14-2, ET SEQ.), 40 CFR 117 OR 40 CFR 302. CONTACT EPD AT (404) 656—4863 OR (800) 241—4113 AND THE NATIONAL RESPONSE CENTER (NRC) AT (800)

# SAMPLING METHODOLOGY

- ALL SAMPLING SHALL BE COLLECTED BY "GRAB SAMPLES". THE ANALYSIS OF THESE SAMPLES MUST BE CONDUCTED IN ACCORDANCE WITH METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40 CFR PART 136 (UNLESS OTHER TEST PROCEDURES HAVE BEEN APPROVED), THE GUIDANCE DOCUMENT TITLED "NPDES STORM WATER SAMPLING GUIDANCE" DOCUMENT. EPA 833-B-92-001" AND GUIDANCE DOCUMENTS THAT MAY BE PREPARED BY THE EPD. SAMPLE CONTAINERS SHOULD BE LABELED PRIOR TO COLLECTING THE SAMPLES.
- LARGE MOUTH, CLEAN AND RINSED GLASS OR PLASTIC JARS WITH A MINIMUM SAMPLE SIZE OF 200 MILLILITERS SHOULD BE USED FOR COLLECTING SAMPLES. SAMPLES SHOULD BE TAKEN FROM THE HORIZONTAL AND VERTICAL CENTER OF THE RECEIVING WATER(S) OR THE
- SAMPLES SHOULD BE WELL MIXED BEFORE TRANSFERRING TO A SECONDARY CONTAINER. MANUAL, AUTOMATIC OR RISING STAGE SAMPLING MAY BE UTILIZED. SAMPLES REQUIRED BY THIS PERMIT SHOULD BE ANALYZED IMMEDIATELY, BUT IN NO CASE LATER THAN 48 HOURS AFTER COLLECTION. HOWEVER, SAMPLES FROM
- AUTOMATIC SAMPLERS MUST BE COLLECTED NO LATER THAN THE NEXT BUSINESS DAY AFTER THEIR ACCUMULATION, UNLESS FLOW THROUGH AUTOMATED ANALYSIS IS UTILIZED. IF MANUAL SAMPLING IS EMPLOYED, THE SAMPLING CONTAINER SHOULD BE HELD SO THAT THE OPENING FACES UPSTREAM, THE SAMPLES SHOULD BE KEPT FREE FROM FLOATING DEBRIS, AND CARE SHOULD BE TAKEN TO AVOID STIRRING THE BOTTOM SEDIMENTS IN THE RECEIVING WATER(S) OR IN THE OUTFALL STORM WATER CHANNEL.
- THE UPSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN AT THE DISCHARGE FARTHEST UPSTREAM AT THE SITE BUT DOWNSTREAM OF ANY OTHER STORM WATER DISCHARGES NOT ASSOCIATED WITH THE PERMITTED ACTIVITY. WHERE APPROPRIATE, SEVERAL UPSTREAM SAMPLES FROM ACROSS THE RECEIVING WATER(S) MAY NEED TO BE TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES USED FOR THE UPSTREAM 8. THE DOWNSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN AT THE DISCHARGE FARTHEST
- DOWNSTREAM AT THE SITE BUT UPSTREAM OF ANY OTHER STORM WATER DISCHARGE NOT ASSOCIATED WITH THE PERMITTED ACTIVITY. WHERE APPROPRIATE, SEVERAL DOWNSTREAM SAMPLES FROM ACROSS THE RECEIVING WATER(S) MAY NEED TO BE TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES USED FOR THE DOWNSTREAM TURBIDITY VALUE. 9. PERMITTEES DO NOT HAVE TO SAMPLE SHEETFLOW THAT FLOWS ONTO UNDISTURBED NATURAL AREAS OR AREAS STABILIZED BY THE PROJECT.
- 10. DILUTION OF SAMPLES IS NOT REQUIRED. . SAMPLES MAY BE ANALYZED USING A DIRECT READING, PROPERLY CALIBRATED TURBIDIMETER. SAMPLES ARE NOT REQUIRED TO BE COOLED.
- 13. SAMPLING AND ANALYSIS OF THE RECEIVING WATER(S) OR OUTFALLS BEYOND THE MINIMUM FREQUENCY STATED IN THE PERMIT MUST BE REPORTED TO EPD AS SPECIFIÉD IN PART IV.E. OF THE PERMIT 14. TURBIDITY RESULTS WHICH EXCEED 1000 NTU SHALL BE REPORTED AS "EXCEEDS 1000 NTU".

- 1. THE PRIMARY PERMITTEE WITH A TOTAL PLANNED DISTURBANCE EQUAL TO OR GREATER THAN ONE ACRE AND TERTIARY PERMITTEE WITH A TOTAL PLANNED DISTURBANCE FOUAL TO OR GREATER THAN FIVE (5) ACRES MUST SAMPLE IN ACCORDANCE WITH THE PLAN AT LEAST ONCE FOR EACH RAINFALL EVENT DESCRIBED BELOW. FOR A QUALIFYING EVENT. THE PERMITTEE SHALL SAMPLE AT THE BEGINNING OF ANY STORM WATER DISCHARGE TO A MONITORED RECEIVING WATER AND/OR FROM A MONITORED OUTFALL WITHIN FORTY-FIVE (45) MINUTES OR AS SOON AS POSSIBLE.
- 2. HOWEVER, WHERE MANUAL AND AUTOMATIC SAMPLING ARE IMPOSSIBLE (AS DEFINED IN THIS PERMIT), OR ARE BEYOND THE PERMITTEE'S CONTROL, THE PERMITTEE SHALL TAKE SAMPLES AS SOON AS POSSIBLE, BUT IN NO CASE MORE THAN TWELVE (12) HOURS AFTER THE BEGINNING OF THE STORM
- 3.1. FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORM WATER DISCHARGE THAT ALLOWS FOR SAMPLING DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT AFTER ALL CLEARING AND GRUBBING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO COMPLETION OF MASS GRADING OPERATIONS, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING
- 3.2. IN ADDITION TO (A) ABOVE, FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORM WATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT TITHER 90 DAYS AFTER THE FIRST SAMPLING EVENT OR AFTER ALL MASS GRADING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO SUBMITTAL OF A NOT, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION, WHICHEVER COMES FIRST;
- 3.3.AT THE TIME OF SAMPLING PERFORMED PURSUANT TO (A) AND (B) ABOVE. IF BMPS IN ANY AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL ARE NOT PROPERLY DESIGNED, INSTALLED AND MAINTAINED, CORRECTIVE ACTION SHALL BE DEFINED AND IMPLEMENTED WITHIN TWO (2) BUSINESS DAYS, AND TURBIDITY SAMPLES SHALL BE TAKEN FROM DISCHARGES FROM THAT AREA OF THE SITE FOR EACH SUBSEQUENT RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH DURING NORMAL BUSINESS HOURS\* UNTIL THE SELECTED TURBIDITY STANDARD IS ATTAINED, OR UNTIL POST-STORM EVENT INSPECTIONS DETERMINE THAT BMPS ARE PROPERLY DESIGNED, INSTALLED AND
- REQUIRED BECAUSE THERE WAS NO DISCHARGE), THE PRIMARY PERMITTEE, IN ACCORDANCE WITH PART IV.D.4.A.(6), OR THE TERTIARY PERMITTEE, IN ACCORDANCE WITH PART IV.D.4.C.(6)., MUST INCLUDE A WRITTEN JUSTIFICATION IN THE INSPECTION REPORT OF WHY SAMPLING WAS NOT ACCORDANCE WITH (B). THOSE EXISTING CONSTRUCTION ACTIVITIES THAT HAVE MET THE SAMPLING
- COLLECTING TURBIDITY SAMPLES FROM ANY RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND

- THE ACCUMULATION OF THE MINIMUM AMOUNT OF RAINFALL FOR THE QUALIFYING EVENT, IF THE II. THE BEGINNING OF ANY STORM WATER DISCHARGE TO A MONITORED RECEIVING WATER OR FROM A
- III. WHERE MANUAL AND AUTOMATIC SAMPLING ARE NOT IMPOSSIBLE (AS DEFINED IN THE PERMIT), OR ARE BEYOND THE PERMITTEE'S CONTROL, THE PERMITTEE SHALL TAKE SAMPLES AS SOON AS POSSIBLE, BUT IN NO CASE MORE THAN TWELVE (12) HOURS AFTER THE BEGINNING OF THE STORM
- PM AND SATURDAY 8:00 AM TO 5:00 PM WHEN CONSTRUCTION ACTIVITY IS BEING CONDUCTED BY THE PRIMARY PERMITTEE. 3. SAMPLING SHALL OCCUR FOR THE FOLLOWING QUALIFYING EVENTS FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING STREAM: ! THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR MONITORING DURING NORMAL BUSINESS HOURS THAT OCCURS AFTER ALL CLEARING AND GRUBBING OPERATIONS HAVE BEEN COMPLETED IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE REPRESENTATIVE
- II.THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR MONITORING DURING NORMAL BUSINESS HOURS THAT OCCURS EITHER 90 DAYS AFTER THE FIRST SAMPLING EVENT OR AFTER ALL MASS GRADING OPERATIONS HAVE BEEN COMPLETED IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE REPRESENTATIVE SAMPLING LOCATION.
- WITHIN 2 BUSINESS DAYS, AND TURBIDITY SAMPLES SHALL BE TAKEN FROM DISCHARGES FROM THA AREA OF THE SITE FOR EACH SUBSEQUENT RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH DURING NORMAL BUSINESS HOURS UNTIL THE SELECTED TURBIDITY STANDARD IS ATTAINED. OR UNTIL POST-STORM EVENT INSPECTIONS DETERMINE THAT BMPS ARE PROPERLY DESIGNED, INSTALLED AND 5. THE PERMITTEE MAY CHOOSE TO MEET THE REQUIREMENTS OF 3-1 & 3-11 BY COLLECTING TURBIDITY
- AT ANY TIME OF THE DAY OR WEEK.
- ADDITION TO OTHER RECORD KEEPING REQUIREMENTS, THE MONITORING INFORMATION SHALL INCLUDE: I. THE DATE, EXACT PLACE, AND TIME OF SAMPLING OR MEASUREMENTS II. THE NAME(S) OF THE INDIVIDUAL(S) WHO PERFORMED THE SAMPLING AND MEASUREMENTS III. THE DATE(S) ANALYSES WERE PERFORMED IV. THE TIME(S) ANALYSES WERE INITIATED
- V. THE NAME(S) OF THE INDIVIDUAL(S) WHO PERFORMED THE ANALYSES VI.REFERENCES AND WRITTEN PROCEDURES, WHEN AVAILABLE, FOR THE ANALYTICAL TECHNIQUES OR VII. THE RESULTS OF SUCH ANALYSES, INCLUDING THE BENCH SHEETS, INSTRUMENT READOUTS, COMPUTER DISKS OR TAPES, ETC., USED TO DETERMINE THESE RESULTS VIII. RESULTS WHICH EXCEED 1000 NTU SHALL BE REPORTED AS "EXCEEDS 1000 NTU."



DATES ARE APPROXIMATE AND MAY VARY DUE TO INCLEMENT WEATHER, SITE CONDITIONS, REVISIONS TO PLAN, CONTRACTOR SCHEDULE, ETC. \*CONTRACTOR TO FILL OUT CONSTRUCTION SCHEDULE

JPK/RJS DRAWN BY:

**(1)** 

No. \033634

GaSWCC #10465

**★** PROFESSIONAL

|*NOTES (1 OF 2)*|

CALE: N. T.S.

3. SAMPLING BY THE PERMITTEE SHALL OCCUR FOR THE FOLLOWING QUALIFYING EVENTS:

3.4. WHERE SAMPLING PURSUANT TO (A), (B) OR (C) ABOVE IS REQUIRED BUT NOT POSSIBLE (OR NOT

PERFORMED. PROVIDING THIS JUSTIFICATION DOES NOT RELIEVE THE PERMITTEE OF ANY SUBSEQUENT SAMPLING OBLIGATIONS UNDER (A), (B) OR (C) ABOVE; AND
3.5. EXISTING CONSTRUCTION ACTIVITIES, I.E., THOSE THAT ARE OCCURRING ON OR BEFORE THE EFFECTIVE
DATE OF THIS PERMIT, THAT HAVE MET THE SAMPLING REQUIRED BY (A) ABOVE SHALL SAMPLE IN REQUIRED BY (B) ABOVE SHALL NOT BE REQUIRED TO CONDUCT ADDITIONAL SAMPLING OTHER THAN

. \*NOTE THAT THE PERMITTEE MAY CHOOSE TO MEET THE REQUIREMENTS OF (A) AND (B) ABOVE BY ALLOWS FOR SAMPLING AT ANY TIME OF THE DAY OR WEEK.

SAMPLING FREQUENCY FOR ALT. BMP

1. SAMPLING FREQUENCY SHALL OCCUR ON THE FIRST QUALIFY EVENTS FOLLOWING THE CLEARING OF THE SITE AND THE FIRST EVENT FOLLOWING GRADING OF THE SITE (TWO TOTAL) 2. FOR A QUALIFYING EVENT, SAMPLES MUST BE TAKEN WITHIN FORTY-FIVE (45) MINUTES OF STORM WATER DISCHARGE TO A MONITORED RECEIVING WATER OR FROM A MONITORED OUTFALL HAS BEGUN PRIOR TO THE ACCUMULATION. MONITORED OUTFALL, IF THE DISCHARGE BEGINS AFTER THE ACCUMULATION OF THE MINIMUM AMOUNT

2. NORMAL BUSINESS HOURS, AS DEFINED BY THE PERMIT, ARE MONDAY THRU FRIDAY, 8:00 AM TO 5:00

- 4. IF BMPS IN ANY AREA OF THE SITE THAT DISCHARGES TO A RECEIVING STREAM ARE NOT PROPERLY DESIGNED, INSTALLED AND MAINTAINED, CORRECTIVE ACTION SHALL BE DEFINED AND IMPLEMENTED
- SAMPLES FROM ANY RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR MONITORING

# SAMPLING REPORTS FREQUENCY

. THE APPLICABLE PERMITTEES ARE REQUIRED TO SUBMIT A SUMMARY OF THE MONITORING RESULTS TO THE PAULDING COUNTY. SAMPLING RESULTS SHALL BE IN A CLEARLY LEGIBLE FORMAT. THE SAMPLING SAMPLING REPORTS MUST RE SURMITTED TO PALILDING COUNTY AFTER TH FINAL SAMPLE REPORT HAS BEEN COMPLETEL 2. PERMITTEE MUST RETAIN COPIES OF ALL MONITORING RESULTS REPORTED BY THAT PERMITTEE, IN

# INSPECTIONS TERTIARY PERMITTEE

- 1. FACH DAY WHEN ANY TYPE OF CONSTRUCTION ACTIVITY HAS TAKEN PLACE AT A TERTIARY PERMITTEE'S SITE, CERTIFIED PERSONNEL PROVIDED BY THE TERTIARY PERMITTEE SHALL INSPECT: (A) ALL AREAS USED BY THE TERTIARY PERMITTEE WHERE PETROLEUM PRODUCTS ARE STORED. USED. OR HANDLED FOR SPILLS AND LEAKS FROM VEHICLES AND FOLIPMENT: AND (R) ALL LOCATIONS AT THE TERTIARY PERMITTEE SITE WHERE THAT PERMITTEE'S VEHICLES ENTER OR EXIT THE SITE FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING. THESE INSPECTIONS MUST BE CONDUCTED UNTIL A
- NOTICE OF TERMINATION IS SUBMITTED. THIS PARAGRAPH IS NOT APPLICABLE TO UTILITY COMPANIES AND UTILITY CONTRACTORS PERFORMING ONLY SERVICE LINE INSTALLATIONS OR WHEN CONDUCTING REPAIRS ON EXISTING LINE INSTALLATIONS. 2. MEASURE AND RECORD RAINFALL WITHIN DISTURBED AREAS OF THE SITE THAT HAVE NOT MET FINAL
- STABILIZATION ONCE EVERY 24 HOURS EXCEPT ANY NON-WORKING SATURDAY. NON-WORKING SUNDAY AND NON-WORKING FEDERAL HOLIDAY. THE DATA COLLECTED FOR THE PURPOSE OF COMPLIANCE WITH THIS PERMIT SHALL BE REPRESENTATIVE OF THE MONITORED ACTIVITY MEASUREMENT OF RAINFALL MAY BE SUSPENDED IF ALL AREAS OF THE SITE HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION.
- 3. CFRTIFIED PERSONNEL (PROVIDED BY THE TERTIARY PERMITTEE) SHALL INSPECT AT LEAST THE FOLLOWING ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES RAINFALL OR GREATER (UNLESS SUCH STORM ENDS AFTER 5:00 PM ON ANY FRIDAY OR ON ANY NON-WORKING SATURDÀY, NON-WORKING SUNDAY OR ANY NON-WORKING FEDERAL HOLIDAY IN WHICH CASE THE INSPECTION SHALL BE COMPLETED BY THE END OF THE NEXT BUSINESS DAY AND/OR WORKING DAY, WHICHEVER OCCURS FIRST): (A) DISTURBED AREAS OF THE TERTIARY PERMITTEE'S CONSTRUCTION SITE; (B) AREAS USED BY THE TERTIARY PERMITTEE FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION; AND (C) STRUCTURAL CONTROL MEASURES. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN APPLICABLE TO THE TERTIARY PERMITTEE'S SITE SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACIS TO RECEIVING WATER(S). FOR AREAS OF A SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET
- IV.D.4.A-C.(34-40). THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED. THIS PARAGRAPH IS NOT APPLICABLE TO UTILITY COMPANIES AND UTILITY CONTRACTORS PERFORMING ONLY SERVICE LINE INSTALLATIONS OR WHEN CONDUCTING REPAIRS ON EXISTING LINE

PERENNIALS APPROPRIATE FOR THE REGION, THE PERMITTEE MUST COMPLY WITH PART

- 4. CERTIFIED PERSONNEL (PROVIDED BY THE TERTIARY PERMITTEE) SHALL INSPECT AT LEAST ONCE PER MONTH DURING THE TERM OF THIS PERMIT (I.E., UNTIL A NOTICE OF TERMINATION IS SUBMITTED TO EPD) THE AREAS OF THEIR SITES THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION. THESE AREAS SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM AND THE RECEIVING WATER(S). EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY
- ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S). THIS PARAGRAPH IS NOT APPLICABLE TO UTILITY COMPANIES AND UTILITY CONTRACTORS PERFORMING ONLY SERVICE LINE INSTALLATIONS OR WHEN CONDUCTING REPAIRS ON EXISTING LINE INSTALLATIONS.
- BASED ON THE RESULTS OF EACH INSPECTION, THE SITE DESCRIPTION AND THE POLLUTION PREVENTION AND CONTROL MEASURES IDENTIFIED IN THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, THE PLAN SHALL BE REVISED AS APPROPRIATE NOT LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION. IMPLEMENTATION OF SUCH CHANGES SHALL BE MADE AS SOON AS PRACTICAL BUT IN NO CASE LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING THE
- 6. A REPORT OF EACH INSPECTION THAT INCLUDES THE NAME(S) OF CERTIFIED PERSONNEL MAKING EACH INSPECTION, THE DATE(S) OF EACH INSPECTION, CONSTRUCTION PHASE (I.E., INITIAL, INTERMEDIATE OR FINAL), MAJOR OBSERVATIONS RELATING TO THE IMPIE!MENTATION OF THE EROSION, SEDIMENTATIÓN AND POLLUTION CONTROL PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH PART IIV.D.4.A-C.(34-40) OF THE PERMIT SHALL BE MADE AND RETAINED AT THE SITE OR BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION UNTIL THE ENTIRE SITE HAS UNDERGONE FINAL STABILIZATION AND A NOTICE OF TERMINATION IS SUBMITTED TO EPD. SUCH REPORTS SHALL BE READILY AVAILABLE BY THE END OF THE SECOND BUSINESS DAY AND/OR WORKING DAY AND
- SHALL IDENTIFY ALL INCIDENTS OF BEST MANAGEMENT PRACTICES THAT HAVE NOT BEEN PROPERLY INSTALLED AND/OR MAINTAINED AS DESCRIBED IN THE PLAN. WHERE THE REPORT DOES NOT IDENTIFY ANY INCIDENTS. THE INSPECTION REPORT SHALL CONTAIN A CERTIFICATION THAT THE BEST MANAGEMENT PRACTICES ARE IN COMPLIANCE WITH THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART V.G.2. OF THIS PERMIT. THIS PARAGRAPH IS NOT APPLICABLE TO UTILITY COMPANIES AND UTILITY CONTRACTORS PERFORMING ONLY SERVICE LINE INSTALLATIONS OR WHEN CONDUCTING REPAIRS ON EXISTING LINE
- 7. FOR COMMON DEVELOPMENTS THAT BEGIN CONSTRUCTION ACTIVITY AFTER THE EFFECTIVE DATE OF THIS PERMIT, THE PRIMARY PERMITTEE AND TERTIARY PERMITTEE(S) MUST RETAIN THE DESIGN PROFESSIONAL WHO PREPARED THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, EXCEPT WHEN THE PERMITTEE HAS REQUESTED IN WRITING AND EPD HAS AGREED TO AN ALTERNATE DESIGN PROFESSIONAL, TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMPS WHICH THE DESIGN PROFESSIONAL DESIGNED WITHIN SEVEN (7) DAYS AFTER INSTALLATION. THE DESIGN PROFESSIONAL SHALL DETERMINE IF THESE BMPS HAVE BEEN INSTALLED AND ARE BEING MAINTAINED AS DESIGNED. THE DESIGN PROFESSIONAL SHALL REPORT THE RESULTS OF THE INSPECTION TO THE PERMITTEE WITHIN SEVEN (7) DAYS AND THE PERMITTEE MUST CORRECT ALL DEFICIENCIES WITHIN TWO (2) BUSINESS DAYS OF RECEIPT OF THE INSPECTION REPORT FROM THE DESIGN PROFESSIONAL UNLESS WEATHER RELATED SITE CONDITIONS ARE SUCH THAT ADDITIONAL TIME IS REQUIRED.

# NON-EXEMPT ACTIVITIES IN BUFFERS

WILL BE MADE AVAILABLE TO SITE PERSONNEL

AGENCIES WILL BE CONTACTED AS REQUIRED.

- 1. EXCEPT AS PROVIDED IN PART IV.(III). NO CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED WITHIN A 25 FOOT BUFFER ALONG NORMAL STREAM FLOW OR WAVE ACTION. FXCEPT WHERE THE DIRECTOR HAS DETERMINED TO ALLOW A VARIANCE THAT IS AT LEAST AS PROTECTIVE OF NATURAL RESOURCES AND THE ENVIRONMENT IN ACCORDANCE WITH THE PROVISIONS OF O.C.G.A. 12-7- 6, OR WHERE A DRAINAGE STRUCTURE OR A ROADWAY DRAINAGE STRUCTURE MUST BE CONSTRUCTED, PROVIDED THAT ADEQUATE EROSION CONTROL MEASURES ARE INCORPORATED IN THE PROJECT PLANS AND SPECIFICATIONS AND ARE IMPLEMENTED. THE BUFFER SHALL NOT APPLY TO THE FOLLOWING ACTIVITIES PROVIDED THAT ADEQUATE EROSION CONTROL MEASURES ARE INCORPORATED INTO THE PROJECT PLANS AND SPECIFICATIONS ARE IMPLEMENTED: 1.1. PUBLIC DRINKING WATER SYSTEM RESERVOIRS.
- 1.2. STREAM CROSSINGS FOR WATER LINES, PROVIDED THAT THE STREAM CROSSINGS OCCUR AT AN ANGLE, AS MEASURED FROM THE POINT OF CROSSING, WITHIN 25 DEGREES OF PERPENDICULAR TO THE STREAM AND CAUSE A WIDTH OF DISTURBANCE OF NOT MORE THAN 50 FEET WITHIN THE BUFFER.
- 1.3. STREAM CROSSINGS FOR SEWER LINES, PROVIDED THAT THE STREAM CROSSINGS OCCUR AT AN ANGLE, AS MEASURED FROM THE POINT OF CROSSING, WITHIN 25 DEGREES OF PERPENDICULAR TO THE STREAM AND CAUSE A WIDTH OF DISTURBANCE OF
- NOT MORE THAN 50 FEET WITHIN THE BUFFER, 1.4. BUFFER CROSSING FOR FENCES, PROVIDED THAT THE CROSSINGS OCCUR AT AN ANGLE, AS MEASURED FROM THE POINT OF CROSSING, WITHIN 25 DEGREES OF PERPENDICULAR TO THE STREAM AND; CAUSE A WIDTH OF DISTURBANCE OF NOT MORE THAN 50 FFFT WITHIN THE BUFFFR. AND 1.5. STREAM CROSSINGS FOR AERIAL UTILITY LINES. PROVIDED THAT:
- 1.5.1.THE NEW UTILITY LINE RIGHT-OF-WAY WIDTH DOES NOT EXCEED 100 LINEAR FEET, 1.5.2.UTILITY LINES ARE ROUTED AND CONSTRUCTED SO AS TO MINIMIZE THE NUMBER OF STREAM CROSSINGS AND
- DISTURBANCES TO THE BUFFER, 1.5.3.ONLY TREES AND TREE DEBRIS ARE REMOVED FROM WITHIN THE BUFFER RESULTING IN ONLY MINOR SOIL EROSION (I.E., DISTURBANCE TO UNDERLYING VEGETATION IS MINIMIZED), AND
- 1.5.4. FUNCTIONAL NATIVE RIPARIAN VEGETATION IS RE-ESTABLISHED IN ANY BARE OR DISTURBED AREAS WITHIN THE BUFFER.

  1.5.4. FUNCTIONAL INCLUDE A DESCRIPTION OF THE STREAM CROSSINGS WITH DETAILS OF THE BUFFER DISTURBANCE INCLUDING AREA AND LENGTH OF BUFFER DISTURBANCE, ESTIMATED LENGTH OF TIME OF BUFFER DISTURBANCE, AND
- 2. NO CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED WITHIN A 50 FOOT BUFFER, AS MEASURED HORIZONTALLY FROM THE POINT WHERE VEGETATION HAS BEEN WRESTED BY NORMAL STREAM FLOW OR WAVE ACTION, ALONG THE BANKS OF ANY STATE WATERS CLASSIFIED AS 'TROUT STREAMS' EXCEPT WHEN APPROVAL IS GRANTED BY THE DIRECTOR FOR ALTERNATE BUFFER REQUIREMENTS IN ACCORDANCE WITH THE PROVISIONS OF O.C.G.A. 12—7—6, OR WHERE A ROADWAY DRAINAGE STRUCTURE MUST BE CONSTRUCTED; PROVIDED, HOWEVER, THAT SMALL SPRINGS AND STREAMS CLASSIFIED AS 'TROUT STREAMS' WHICH DISCHARGE AN AVERAGE ANNUAL FLOW OF 25 GALLONS PER MINUTE OR LESS SHALL HAVE A 25 FOOT BUFFER OR THEY MAY BE PIPED, AT THE DISCRETION OF THE PERMITTEE, PURSUANT TO THE TERMS OF A RULE PROVIDING FOR A GENERAL VARIANCE PROMULGATED BY THE BOARD OF NATURAL RESOURCES INCLUDING NOTIFICATION OF SUCH TO EPD AND THE LOCAL ISSUING AUTHORITY OF THE LOCATION AND EXTENT OF THE PIPING AND PRESCRIBED METHODOLOGY FOR MINIMIZING THE IMPACT OF SUCH PIPING AND FOR MEASURING THE VOLUME OF WATER DISCHARGED BY THE STREAM. ANY SUCH PIPE MUST STOP SHORT OF THE DOWNSTREAM PERMITTEE'S PROPERTY. AND THE PERMITTEE MUST COMPLY WITH THE BUFFER REQUIREMENT FOR ANY ADJACENT TROUT STREAMS. THE BUFFER SHALL NOT APPLY TO THE FOLLOWING ACTIVITIES PROVIDED THAT ADEQUATE EROSION CONTROL MEASURES ARE INCORPORATED INTO THE PROJECT PLANS AND SPECIFICATIONS ARE IMPLEMENTED:
- 1. PUBLIC DRINKING WATER SYSTEM RESERVOIRS, 2.2.STREAM CROSSINGS FOR WATER LINES, PROVIDED THAT THE STREAM CROSSINGS OCCUR AT AN ANGLE, AS MEASURED FROM THE POINT OF CROSSING, WITHIN 25 DEGREES OF PERPENDICULAR TO THE STREAM AND CAUSE A WIDTH OF DISTURBANCE OF
- NOT MORE THAN 50 FEET WITHIN THE BUFFER. 2.3.STREAM CROSSINGS FOR SEWER LINES, PROVIDED THAT THE STREAM CROSSINGS OCCUR AT AN ANGLE, AS MEASURED FROM THE POINT OF CROSSING, WITHIN 25 DEGREES OF PERPENDICULAR TO THE STREAM AND CAUSE A WIDTH OF DISTURBANCE OF NOT MORE THAN 50 FEET WITHIN THE BUFFER,
- 2.4.BUFFER CROSSING FOR FENCES, PROVIDED THAT THE CROSSINGS OCCUR AT AN ANGLE, AS MEASURED FROM THE POINT OF CROSSING, WITHIN 25 DEGREES OF PERPENDICULAR TO THE STREAM AND; CAUSE A WIDTH OF DISTURBANCE OF NOT MORE HAN 50 FEET WITHIN THE BUFFER, AND 2.5. STREAM CROSSINGS FOR AERIAL UTILITY LINES, PROVIDED THAT:
- 2.6.THE NEW UTILITY LINE RIGHT—OF—WAY WIDTH DOES NOT EXCEED 100 LINEAR FEET, 2.7.UTILITY LINES ARE ROUTED AND CONSTRUCTED SO AS TO MINIMIZE THE NUMBER OF STREAM CROSSINGS AND DISTURBANCES
- 2.8. ONLY TREES AND TREE DEBRIS ARE REMOVED FROM WITHIN THE BUFFER RESULTING IN ONLY MINOR SOIL EROSION (I.E., DISTURBANCE TO UNDERLYING VEGETATION IS MINIMIZED), AND 2.9. FUNCTIONAL NATIVE RIPARIAN VEGETATION IS RE-ESTABLISHED IN ANY BARE OR DISTURBED AREAS WITHIN THE BUFFER. THE PLAN SHALL INCLUDE A DESCRIPTION OF THE STREAM CROSSINGS WITH DETAILS OF THE BUFFER DISTURBANCE INCLUDING AREA
- AND LENGTH OF BUFFER DISTURBANCE, ESTIMATED LENGTH OF TIME OF BUFFER DISTURBANCE, AND JUSTIFICATION SPILL CLEANUP AND CONTROL PRACTICES •LOCAL, STATE AND MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND PROCEDURES
- •MATERIAL AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREAS. TYPICAL MATERIALS AND EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO, BROOMS, DUSTPANS, MOPS, RAGS, GLOVES, GOGGLES, CAT LITTER, SAND, SAWDUST AND PROPERLY LABELED PLASTIC AND METAL WASTE CONTAINERS. • SPILL PREVENTION PRACTICES AND PROCEDURES WILL BE REVIEWED AFTER A SPILL AND ADJUSTED AS NECESSARY TO PREVENT •ALL SPILLS WILL BE CLEANED UP IMMEDIATELY UPON DISCOVERY. ALL SPILLS WILL BE REPORTED AS REQUIRED BY LOCAL. STATE, AND FEDERAL REGULATIONS.
- •FOR SPILLS THAT IMPACT SURFACE WATER (LEAVE A SHEEN ON SURFACE WATER), THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-426-2675 . •FOR SPILLS OF AN UNKNOWN AMOUNT, THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT •FOR SPILLS GREATER THAN 25 GALLONS AND NO SURFACE WATER IMPACTS OCCUR, THE GEORGIA E.P.D. WILL BE CONTACTED
- THE CONTRACTOR SHALL NOTIFY THE LICENSED PROFESSIONAL WHO PREPARED THIS PLAN IF MORE THAN 1320 GALLONS OF PETROLEUM IS STORED ONSITE (THIS INCLUDES CAPACITIES OF EQUIPMENT) OR IF ANY ONE PIECE OF EQUIPMENT HAS A CAPACITY GREATER THAN 660 GALLONS. THE CONTRACTOR WILL NEED A SPILL PREVENTION CONTAINMENT AND COUNTERMEASURERS PLAN PREPARED BY THAT LICENSED PROFESSIONAL

•FOR SPILLS LESS THAN 25 GALLONS AND NO SURFACE WATER IMPACTS OCCUR, THE SPILL WILL BE CLEANED UP AND LOCAL

# Ds1 DISTURBED AREA STABILIZATION (WITH MULCH ONLY)

Manual for Erosion and Sediment (	Control in Georg	gia (amend	ed 2000)	
Table 6-5.1 - Fertilizer Requirement	nts			
Species	Year	N-P-K	Rate (lbs./acre)	N Top-Dressing Rate (lbs./acre)
	First	6-12-12	1500	50-100
Cool season grasses	Second	6-12-12	1000	
	Maintenance	10-10-10	400	30
	First	6-12-12	1500	0-50
Cool season grasses & legumes	Second	0-10-10	1000	
	Maintenance	0-10-10	400	
71.30	First	10-10-10	1300	
Ground covers	Second	10-10-10	1300	
	Maintenance	10-10-10	1100	
Pine Seedlings	First	20-10-5	*	
Charl I dan	First	0-10-10	700	
Shrub Lespedeza	Maintenance	0-10-10	700	
Temporary cover crops seeded alone	First	10-10-10	500	30
	First	6-12-12	1500	50-100
Warm season grasses	Second	6-12-12	800	50-100
	Maintenance	10-10-10	400	30
	First	6-12-12	1500	50
Warm season grasses and legumes	Second	0-10-10	1000	
	Maintenance	0-10-10	400	

Page 6-35 Lime Application for TEMPORARY COVER or COMPANION CROPS - DS2 gricultural lime is required unless soil tests indicate otherwise. Apply agricultural lime at a rate of one ton per acre. Graded areas require lime application.

DISTURBED AREA STABILIZATION (PERMANENT)

Table 6-5.2 - Plants, planting rates and planting dates for PERMANENT COVER

per 1000

sq.ft.

(lbs.) (lbs.) J

Jajor Land Resource Area (MLRA): Mountain, Blue Ridge, and Ridges & Valley (M), per Figure 6-4.1

PRACTICE OR SODDING (DS4) SHALL BE APPLIED IMMEDIATELY TO ALL AREAS AT FINAL GRADE.

• SEE EROSION CONTROL PLAN FOR SITE-SPECIFIC SEEDING SPECIES, RATES AND PLANTING DATES.

• MAY NOT BE REQUIRED WHERE A HYDRAULIC SEEDING AND FERTILIZING EQUIPMENT IS TO BE USED.

PREPARED SPECIFICALLY FOR THE SEED SPECIES AND USED WITHIN THE DATES ON THE CONTAINER.

• HYDRAULIC SEEDING - TO BE INCLUDED IN MIXTURE AS DESCRIBED IN LIME & FERTILZER SECTION ABOVE.

• APPLY ONE TON OF AGRICULTURAL LIME EVERY 4 TO 6 YEARS OR AS INDICATED BY SOIL TESTS.

Planting Dates'

THIS PRACTICE SHALL BE APPLIED IMMEDIATELY TO ROUGH GRADED AREAS THAT WILL BE UNDISTURBED FOR LONGER THAN SIX MONTHS. THIS

• IF HYDRAULIC SEEDING EQUIPMENT IS USED, THE INITIAL FERTILIZER SHALL BE MIXED WITH SEED, INNOCULANT (IF NEEDED), AND WOOD

• IF APPLIED BY HAND, FERTILIZER SHOULD BE APPLIED BEFORE LAND PREPARATION AND INCORPORATED WITH A DISK, RIPPER OR CHISEL.

AGRICULTURAL LIME IS REQUIRED UNLESS SOIL TESTS INDICATE OTHERWISE. APPLY AGGRICULTURAL LIME AT A RATE OF ONE TO TWO TONS PER

•• BROADCAST PLANTINGS - TILL 4-6 INCHES OF SOIL TO ALLEVIATE COMPACTION, INCORPORATE LIME AND FERTILIZER, AND SMOOTH/FIRM

ALL LEGUME SEED SHALL BE INNOCULATED WITH APPROPRIATE NITROGEN—FIXING BACTERIA. ALL INNOCULANTS SHALL BE A PURE CULTURE

• CONVENTIONAL SEEDING — ON A FRESHLY PREPARED AND FIRMED SEEDBED. SEED SHALL BE APPLIED UNIFIORMLY BY HAND, CYCLONE SEEDER, DRILL, CULTI—PACKER—SEEDER OR HYDRAULIC SEEDER.

• TO BE APPLIED ON ALL TEMPORARY AND PERMANENT SPECIES PLANTED ALONE OR IN MIXTURES WITH OTHER SPECIES. SEE EROSION CONTROL

THE APPLICABLE PORTION OF ES&PC PLAN IS TO BE PROVIDED TO EACH SECONDARY PERMITTEE PRIOR TO THE

SECONDARY PERMITTEE CONDUCTING ANY CONSTRUCTION ACTIVITY AND EACH SECONDARY PERMITTEE SHALL SIGN THE

INDIVIDUAL PLANTS - SOIL SHALL BE PREPARED BY EXCAVATING HOLES, OPENING FURROWS OR DIBBLE PLANTING. HOLES SHALL BE LARGE

Page 6-42 Lime Application for PERMANENT COVER - **DS3** Agricultural lime is required at the rate of one to two tons per acre unless soil tests indicate otherwise raded areas require lime application.

anual for Erosion and Sediment Control in Georgia (amended 2000)

Broadcast Rates

per acre

ACRE. SEE EROSION CONTROL PLAN FOR FERTILIZER RATES.

THE SOIL. TILL ON THE CONTOUR WHERE FEASIBLE.

ENOUGH TO ACCOMMODATE ROOTS WITHOUT CROWDING.

• INDIVIDUAL PLANTS - PLANTED WITH APPROPRIATE PLANTERS OR HAND TOOLS.

• SEE DS1 - DISTURBED AREA WITH MULCHING ONLY FOR SPECIFICATIONS.

SEE DS1 - DISTURBED AREA WITH MULCHING ONLY FOR SPECIFICATIONS.

• IRRIGATION WILL BE APPLIED AT A RATE THAT WILL NOT CAUSE RUNOFF.

PLAN OR PORTION OF THE PLAN APPLICABLE TO THEIR SITE.

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DA TE

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TOPDRESSING, SECOND—YEAR AND MAINTENANCE FERTILIZER:

LIME MAINTENANCE APPLICATION

SECONDARY PERMITTEES

CELLULOSE OR WOOD PLUOP FIRER MULICH AND APPLIED IN A SLURRY

with other perennials

LIME & FERTILIZER

PLANTING

MULCHING

IRRIGATION

ANCHORING MULCH

BEDDING MATERIAL

• GRAIN STRAW - 4"-6" DEPTH

• GRASS HAY - 4"-6" DEPTH • PINE NEEDLES — 3"—5" DEPTH

WOOD WASTE - 4"-6" DEPTH

PLAN FOR FERTILIZER RATES.

SIGNA TURE

SIGNA TURE

SIGNA TURE

SIGNA TURE

SIGNA TURA

ovegrass, weeping (Eragrosits curvula)

SEEDBED PREPARATION

WHERE CONVENTIONAL SEEDING IS TO BE USED:

espedeza, sericea

Lespedeza, sericea

scarified

Georgia Soil & Water Conservation Commission

MULCHING OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 14 DAYS OF DISTURBANCE. MULCH CAN BE USED AS A SINGULAR SEASON EROSION CONTROL DEVICE FOR UP TO SIX MONTHS, BUT IT SHALL BE APPLIED AT THE APPROPRIATE DEPTH, DEPENDING ON THE MATERIAL USED, ANCHORED, AND HAVE A CONTINUOUS 90% COVER OR GREATER OF SOIL

# MULCHING MATERIALS, APPLICATION AND ANCHORING 1. DRY STRAW OR HAY SHALL BE APPLIED AT A DEPTH OF 2 TO 4 INCHES PROVIDING COMPLETE SOIL COVERAGE, APPLIED UNIFORMLY BY HAND OF

- MECHANICAL EQUIPMENT. SHALL BE PRESSED INTO THE SOIL WITH A DISK HARROW OR A 'PACKER DISK'. IF SPREAD BY BLOWER-TYPE EQUIPMENT, ASPHALT EMULSION SHALL BE SPRAYED ONTO THE MULCH AS IT IS FJFCTFD FROM MACHINE - 100 GALLONS OF EMULSIFIED ASPHALT AND 100 GALLONS OF WATER PER TON OF MULCH. TACKIFIERS AND BINDERS CAN BE SUBSTITUTED FOR EMULSIFIED ASPHALT. REFER TO 'MANUAL' Th — TACKIFIERS AND BINDERS. 2. WOOD WASTE (CHIPS, SAWDUST OR BARK), SHALL BE APPLIED AT A DEPTH OF
- 2 TO 3 INCHÈS DEÉP. NETTING OF APPROPRIATE SIZE SHALL BE USED TO 3. EROSION CONTROL MATTING OR FABRIC (EXCELSIOR, JUTE, TEXTILE AND PLASTIC MATTING AND NETTING) - APPLIED IN ACCORDANCE WITH MANUFACTURER'S
- 4. CUTBACK ASPHALT (SLOW CURING) SHALL BE APPLIED UNIFORMLY AT A RATE OF 1.200 GALLONS PER ACRE (OR 1/4 GALLON PER S.Y.). USE ONLY IF PERMITTED BY LOCAL GOVERNMENT AUTHORITIES. 5. POLYETHYLENE FILM SHALL BE SECURED OVER BANKS OR STOCKPILED SOIL MATERIAL FOR TEMPORARY PROTECTION. ANCHOR TRENCHED AT TOP AS WELL

MULCHING RATE				
Material	Rate	Depth		
Straw or Hay	2-1/2 ton/ac	6"-10"		
Wood waste, chips, sawdust, bark	6 to 9 ton/ac	2"-3"		
Cutback asphalt	1200 gal./ac or 1/4 gal/sq. yd.	1.		
Polyethylene film	Secure w/ soil, anchors, weight			
Cutback asphalt	See manufacture's recommendations	1.		
Geotextiles, jute matting, netting, etc.	See manufacture's recommendations	/Ass		

AS INCREMENTALLY AS NECESSARY.

27,000 seed per pound. Use alone only on better sites. Not for drough

soils. Mix with perennial lespedezas or Crownvetch. Apply topdressing

1,500,000 seed per pound. May last for several years. Grows well with

in spring following fall plantings. Not for heavy use areas or athletic

350,000 seed per pound. Mix with Weeping lovegrass, Common

Bennuda, bahia or Tall fescue. Inoculate seed with EL inoculant.

PHONE NO.

GASWCC CERTIFICATION NO.

GASWCC CERTIFICATION NO.

PHONE NO.

Mix with Tall fes cue or winter annuals.

### STRUCTURAL PRACTICES VEGETATIVE PRACTICES CODE DETAIL **DESCRIPTION** SYMBOL crushed stone pad located at the nstruction site exit to provide a place r removing mud from tires thereby have a suitable growing season to DISTURBED AREA STABILIZATION (WITH rotecting public streets. produce an erosion retardina cover. MULCHING ONLY) A barrier to prevent sediment from Establishina a temporary veaetative cover aving the construction site. It may be with fast growing seedings on disturbed sandbaas, bales of straw or hav, brush TABILIZATION (WITH ogs and poles, gravel, or a silt fence. TEMPORARY SEEDING n impoundina area created by Establishing a permanent vegetative cavating around a storm drain drop cover sush as trees, shrubs, vines,

4,000 seeds per pound. Winterhardy. Use on

200,000 seed per pound. May volunteer for

1,500,000 seed per pound. May last for several

rovide too much competition in mixtures if

88,000 seed per pound. Quick dense cover. Ma

13,000 seed per pound. Use on productive soils

18,000 see per pound. Quick cover. Drought

227,000 seed per pound. Dense cover. Very

competitive and is <u>not</u> used in mixtures.

Not as winterhardy as rye or barley.

olerant and winterhardy.

15,000 seed per pound. Winterhardy.

reach 5 feet in height. Not recommended for

7,000 seed per pound. Quick dense cover. Wi

everal years. Use inoculant EL.

ars. Mix with Sericea lespedeza.

seeded at high rates.

# NSTRUCTION SEDIMENT BARRIER nlet. The excavated area will be filled DISTURBED AREA SEDIMENT TRAP and stabilized on completion of TABILIZATION (WITH nstruction activities <u>RMANENT VEGETATION</u> The practice of stripping off the more fertile soil, storing it, then spreading it TOPSOILING over the disturbed area after completion ISTURBED AREAS f construction activities. Paved or vegetative water outlets for diversions, terraces, berms, dikes or EROSION CONTROL similar structure.

DISTURBED AREA STABILIZATION (TEMP.)

Table 6-4.1 - Plants, planting rates and planting dates for TEMPORARY COVER or COMPANION CROPS

Major Land Resource Area (MLRA): Mountain, Blue Ridge, and Ridges & Valley (M), per Figure 6-4.1

Georgia Soil & Water Conservation Commission

rley (Hordeum vulgare)

n mixtures

n mixtures

Oats (Avena sativa

in mixtures

in mixtures

Wheat (Triticum aestivum

Rye (Secale cereal

spedeza, annual (Lespedeza striata)

vegrass, weeping (Eragrosits curvula)

fillet, browntop (Panicum faxciculatum)

Millet, pearl (Penn esetum glaucum)

Ryegrass, annual (Lolium temulentum)

'X' are optimum dates; '-' are permissible but marginal dates

Manual for Erosion and Sediment Control in Georgia (amended 2000)

Broadcast Rates

er acre so.ft

(lbs.) (lbs.)

# HAZARDOUS WASTES

- ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL, STATE, AND/OR FEDERAL REGULATIONS AND BY THE MANUFACTURER OF SUCH PRODUCTS. THE JOB SITE SUPERINTENDENT, WHO WILL ALSO BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED. WILL INSTRUCT SITE PERSONNEL IN THESE PRACTICES MATERIAL SAFETY DATA SHEETS (MSDS'S) FOR EACH SUBSTANCE WITH HAZARDOUS PROPERTIES THAT IS USED ON . THE JOB SITE WILL BE OBTAINED AND USED FOR THE PROPER MANAGEMENT OF POTENTIAL WASTES THAT MAY RESULT FROM THESE PRODUCTS. AN MSDS WILL BE
- POSTED IN THE IMMEDIATE AREA WHERE SUCH PRODUCT IS STORED AND/OR USE. AND ANOTHER COPY OF EACH MSDS WILL BE MAINTAINED IN THE ESPCY FILE AT THE JOB SITE CONSTRUCTION TRAILER OFFICE. EACH EMPLOYEE WHO MUST HANDLE A SUBSTANCE WITH HAZARDOUS PROPERTIES WILL BE INSTRUCTED ON THE USE OF MSDS SHEETS AND THE SPECIFIC INFORMATION IN THE APPLICABLE MSDS FOR THE PRODUCT HE/SHE IS USING, PARTICULARLY REGARDING SPILL
- CONTROL TECHNIQUES. • THE CONTRACTOR WILL IMPLEMENT THE SPILL PREVENTION CONTROL AND COUNTER MEASURERS (SPCC) PLAN FOUND WITHIN THIS ESPCP AND WILL TRAIN ALL PERSONNEL IN THE PROPER CLEANUP AND HANDLING OF SPILLED MATERIALS. NO SPILLED HAZARDOUS MATERIALS OR HAZARDOUS WASTES WILL BE ALLOWED TO COME IN CONTACT WITH STORMWATER DISCHARGES. IF SUCH CONTACT OCCURS. THE STORMWATER DISCHARGE WILL BE CONTAINED ON SITE UNTIL APPROPRIATE MEASURES IN COMPLIANCE WITH STATE AND FEDERAL REGULATIONS ARE TAKEN O DISPOSE OF SUCH CONTAMINATED STORMWATER. IT SHALL BE TH RESPONSIBILITY OF THE JOB SITE SUPERINTENDENT TO PROPERLY TRAIN ALL PERSONNEL IN THE USE OF THE SPCC PLAN.

# POLLUTION CONTROL/WASTE MATERIAL NOTES

- 1. ALL WASTE DISPOSAL, SANITARY SEWER, AND/OR SEPTIC TANKS IUST COMPLY WITH ANY AND ALL STATE OR LOCAL REGULATIONS. 2. SOLID MATERIALS, INCLUDING BUILDING MATERIALS AND OTHER WASTE MATERIAL'S SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A
- SECTION 404 PERMIT. ALL TRASH AND CONSTRUCTION DEBRIS WILL BE COLLECTED AND STORED IN A METAL DUMPSTER. THE DUMPSTER WILL MEET ALL SOLID WASTE MANAGEMENT
- 2.C. THE DUMPSTER WILL BE EMPTIED AS NECESSARY AND TRASH WILL BE HAULED AS REQUIRED BY LOCAL REGULATIONS.
- NO CONSTRUCTION WASTE WILL BE BURIED ONSITE, UNLESS ALLOWED BY LOCAL AUTHORITIES 3. OFF-SITE VEHICLE TRACKING OF DIRT, SOILS, AND SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED OR ELIMINATED TO THE MAXIMUM EXTENT PRACTICAL. THE FOLLOWING BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED ON THE SITE AS APPROPRIATE: CONSTRUCTION EXIT(S), MULCHES (DS1), VEGETATIVE COVER (DS2), SPRAY-ON-ADHESIVES (TACKIFIERS OR BINDERS), TILLAGE, IRRIGATION, BARRIERS,
- CALCIUM CHLORIDE, PERMANENT VEGETATION (DS3), TOPSOILING, AND OR CONSTRUCTION ROAD STABILIZATION 4. WASHOUT OF THE CONCRETE DRUM AT THE CONSTRUCTION SITE IS

### MULCHING OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 14 DAYS OF DISTURBANCE TEMPORARY GRASSING CAN BE APPLIED TO ROUGH GRADED AREAS THAT WILL BE EXPOSED FOR LESS THAN 6 MONTHS.

# SEEDBED PREPARATION

- NOT REQUIRED WITH A HYDRAULIC SEEDER. • WHEN SOIL HAS BEEN SEALED BY RAINFALL OR CONSISTS OF SMOOTH CUT SLOPES, THE SOIL SHALL BE PITTED, TRENCHED OR OTHERWISE SCARIFIED. LIME & FERTILIZER
- AGRICULTURAL LIME IS REQUIRED UNLESS SOIL TESTS INDICATE OTHERWISE. APPLY AGGRICULTURAL LIME AT A RATE OF ONE TON PER ACRE. SEE EROSION CONTROL PLAN FOR FERTILIZER RATES. LIME AND FERTILIZER SHOULD BE APPLIED BEFORE LAND PREPARATION AND INCORPORATED WITH A DISK, RIPPER SEEDING
- SELECT A GRASS OR GRASS-LEGUME MIXTURE SUITABLE TO THE AREA AND SEASON OF THE YEAR. SEED SHALL BE APPLIED UNIFIORMLY BY HAND, CYCLONE SEEDER, DRILL
- CULTI-PACKER-SEEDER OR HYDRAULIC SEEDER. APPROPRIATE DEPTH OF PLANTING IS TEN TIMES THE SEED DIAMETER. • SEE EROSION CONTROL PLAN FOR SITE-SPECIFIC SEEDING PECIES, RATES AND PLANTING DATES.

### IRRIGATION • DURING TIMES OF DROUGHT, WATER SHALL BE APPLIED AT A

RATE NOT CAUSING RUNOFF AND EROSION.

# tablishing a temporary protection for sturbed areas where seedings may not

No. \033634 PROFESSIONAL GaSWCC #10465

 $< > \sim \infty$ 

(D)

 A MINIMUM OF ONE PORTABLE SANITARY UNIT WILL BE PROVIDED FOR EVERY TEN (10) WORKERS ON THE SITE. ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF ONE TIME PER WEEK BY A LICENSED PORTABLE FACILITY PROVIDER IN COMPLETE COMPLIANCE WITH LOCAL AND ALL SANITARY WASTE UNITS WILL BE LOCATED

IN ONE AREA WHERE THE LIKELIHOOD OF THE UNIT CONTRIBUTING TO STORM WATER DISCHARGE IS NEGLIGIBLE. ADDITIONAL CONTAINMENT BMP'S MUST BE IMPLEMENTED. SUCH AS GRAVEL BAGS OR SPECIALLY DESIGNED PLASTIC SKID CONTAINERS AROUND THE RASE TO PREVENT WASTES FROM CONTRIBUTING TO STORM WATER DISCHARGES THE LOCATION OF SANITARY WASTE UNITS MUST BE IDENTIFIED ON THE ES&PC PLAN BY THE CONTRACTOR ONCE THE LOCATIONS HAVE

BEEN DETERMINED. SANITARY SEWER WILL BE PROVIDED BY MUNICIPAL AUTHORITY/SEPTIC SYSTEM AT THE COMPLETION OF THIS PROJECT

grasses, sod, or legumes on disturbed

ontrolling surface and air movement of

dust on construction site, roadways and

The installation of a protective covering

blanket) or soil stabilization mat on a

prepared planting area of a steep slope,

SANITARY WASTES

similar sites.

annel, or shoreline.

# \*\*I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATION(S) DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION.

I CERTIFY THAT THE PERMITEE'S EROSION, SEDIMENT, AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA," (MANUAL) PUBLISHED BY THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF THE BEST MANAGEMENT PRACTICES AND SÁMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100003.

12.17.2021 DA TE\_\_\_\_\_

\*\*THE PROPOSED EROSION AND RUNOFF CONTROL MEASURES ARE IN COMPLIANCE WITH THE PAULDING COUNTY SEDIMENT

DATE\_\_\_12.17.2021

INSPECTION OF INSTALLED BMP'S WITHIN 7 DAYS AFTER INITIAL CONSTRUCTION ACTIVITY BEGINS TO BE INSPECTED BY DESIGN

PROFESSIONAL WHO PREPARED ES&PC PLAN.

CONTROL AND FLOOD PROTECTION REGULATIONS AND WILL NOT INCREASE THE RUNOFF RATE FROM THE SITE FOR RAINSTORMS WITH A RETURN PERIOD OF 2, 5, 10, 25, 50 AND/OR 100 YEARS.

> 12.17.2021 |*NOTES (2 OF 2)*|

JPK/RJS

DAH

CALE: N.T.S.

DRAWN RY

CHECKED BY:

		CON	MMON DEVELOPMENT SWCD:	CONSTRUCTION PROJECTS (Primary and Tertiary Permittees)		
Project	Name: 9	650	Dogwood Road	Address: 9650 Dogwood Road		
City/Co	unty: Fu	lton	County	Date on Plans: 12.17.2021		
Name 8	& email o	of pe	erson filling out checkl	ist: Duane Hagerman / dhagerman@letelmetrics.com		
Plan	Included	4	1	O BE SHOWN ON ES&PC PLAN		
Page #	Y/N		-			
7	Υ	1	particularly represents the control of the control	imentation and Pollution Control Plan Checklist established by the Commission as  /hich the land-disturbing activity was permitted.		
		Н	the second secon	stbe submitted with the ES&PC Plan or the Plan will not be reviewed)		
ALL	Y	2	Level II certification number is	ssued by the Commission, signature and seal of the certified design professional.		
	H	Í		number must be on each sheet pertaining to ES&PC Plan or the Plan will not be		
7.1.7	INI	3	Limit of disturbance shall be n	to greater than 50 acres at any one time without prior written authorization from		
			the GAEPD District Office. If	GAEPD approves the request to disturb 50 acres or more at any one time, the Plan		
			must include at least 4 of the I	BMPs listed in Appendix 1 of this checklist and the GAEPD approval letter. *		
	11		(A copy of the written approv	al by GAEPD must be attached to the Plan for the Plan to be reviewed.)		
1	Y	4	The name and phone number	er of the 24-hour contact responsible for erosion, sedimentation and pollution controls.		
5	Y	5	Provide the name address	email address, and phone number of the primary permittee or tertiary permittee.		
1	Y	100		ages of the project or phase under construction.		
	=			he construction exit for the site. Give the Latitude and Longitude in decimal degrees.		
5	Y					
1	Y	8	Initial date of the Plan and the revisions.	dates of any revisions made to the Plan including the entity who requested the		
5	Υ	9	Descriptions of the nature of	construction activity and existing site conditions.		
1	Υ	10	Provide vicinity map showing necessary.	site's relation to surrounding areas. Include designation of specific phase, if		
5	Υ	11		waters and describe all sensitive adjacent areas including streams, lakes, narshlands, etc. which may be affected.		
5-6	Υ	12		tion statement and signature that the site was visited prior to development of the		
5-6	Y	13	Design professional's certifica	tion statement and signature that the permittee's ES&PC Plan provides for an		
-	3		appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on  Part IV pg 22 of the permit			
5-6	Y	14	principal and principal states of the contract factor	at "The design professional who prepared the ES&PC Plan is to inspect the installation of the entire terms of the perimeter control BMPs within 7 days after installation."  1.5 page 27 of the permit. *		
5-6	[Y]	15	Clearly note the statement that	at "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed		
30		13		from the point of wrested vegetation or within 25-feet of the coastal marshland buffer		
			from the continued that was become first or the continue was regular by first to	ctional Determination Line without first acquiring the necessary variances		
5-6	T v T	16	The state of the s	buffer encroachments and indicate whether a buffer variance is required.		
	N/A			at "Amendments/revisions to the ES&PC Plan which have a significant effect on		
$\neg$	IV/A	1.5		onent must be certified by the design professional. *		
	N/A	18		at "Waste materials shall not be discharged to waters of the State, except as		
	1.44	,,,	authorized by a Section 404			
5-6	Υ	19	Clearly note statement that "T	he escape of sediment from the site shall be prevented by the installation of		
		1	erosion and sediment control	measures and practices prior to land disturbing activities."		
5-6	Υ	20	Clearly note statement that "E	rosion control measures will be maintained at all times. If full implementation of the		
11			prior in the state of the state	vide for effective erosion control, additional erosion and sediment control		
			measures shall be implemen	ted to control or treat the sediment source."		
5-6	Υ	21	Clearly note the statement "A stabilized with mulch or tempor	ny disturbed area left exposed for a period greater than 14 days shall be prary seeding."		
	N/A	22		portion of the primary permittees ES&PC Plan is to be provided to each		
	N/A	22		the secondary conducting any construction activity and that each secondary		
		H		of the Plan applicable to their site. List the names and addresses of all secondary		
	N/A	23		th discharges storm water into an Impaired Stream Segment, or within 1 linear		
	1.47		for the state of t	he same watershed as any portion of a Biota Impaired Stream Segment, must		
	-1		comply with Part III. C. of the	permit Include the completed Appendix 1 listing all the BMPs that will be used for discharge to the Impaired Stream Segment *		
	N/A	24		an for sediment has been finalized for the Impaired Stream Segment (identified in		
	3475		Item 23 above) at least six m	on this prior to submittal of NOI, the ES&PC Plan must address any site-specific included in the TMDL Implementation Plan. *		
	5-6 Y 25 BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Washout					
5-6	Υ	25				
5-6 5-6	Y	Ē	of the drum at the construction			

5-6	OT-	gripping for the first of the first of the state of the state of the first of the f	8 Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed.			
5-6	Y	29 Description of the practices that will be used to reduce the pollutants in storm water discharges.				
	N/A	30 Description and chartor timeline of the intended sequence of major activities which disturb soils for the major			for the major	
			which will be a proper of the property of the	t storage BMPs, clearing and grubbing ac	ivities,	
		excavation activities, utility activities, temporary and final stabilization). *				
5-6	Y	31 Provide complete requirements of Inspections and record keeping by the primary permittee or tertiary permittee.			ertiary	
	N/A	32 Provide complete requirem	Provide complete requirements of Sampling Frequency and Reporting of sampling results. *			
5-6 Y		33 Provide complete details for Retention of Records as per Part IV.F. of the permit.				
	N/A	34 Description of analytical methods to be used to collect and analyze the samples from each location. *				
	N/A	35 Appendix B rationale for NTU values at all outfall sampling points where applicable. *				
	N/A	36 Delineate all sampling locations if applicable, perennial and intermittent streams and other water bodies into which storm water is discharged. *				
5-6	Υ	37 A description of appropriate controls and measures that will be implemented at the construction site including:				
11/1		(1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage				
				ere there will be no mass grading and the ainage BMPs, and final BMPs are the sam		
		combine all of the BMPs int		amage Divir s, and mar Divir s are the sam	e, the rich may	
5-6	Υ	38 Plan addresses BMPs for all phases of common development including individual building lots and out-parcels, etc. regardless of who owns or operates the individual sites. Include a typical and any situational lots applicable.				
2-3	Υ	39 Graphic scale and North an	row.			
3	Υ	40 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following:				
		Map Scale	Ground Slope	Contour Intervals, ft.		
		1 inch = 100ftor larger scale	Flat 0 - 2% Rolling 2 - 8%	0.5 or 1 1 or 2		
		iai ger scale	Steep 8% +	2,5 or 10		
	N	41 Use of alternative BMPs wh		en documented to be equivalent to or supe	rior to	
		conventional BMPs as certi	fied by a Design Profession	onal (unless disapproved by GAEPD or the to the Alternative BMP Guidance Docume	e Georgia Soil	
		www.gaswcc.georgia.gov.				
щ,	N	42 Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition.				
2-3	Υ	43 Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State waters and any additional				
2.2	V	buffers required by the Local Issuing Authority. Clearly note and delineate all areas of impact.  44 Delineation of on-site wetlands and all State waters located on and within 200 feet of the project site.				
2-3 Y 2-3 Y		45 Delineation and acreage of contributing drainage basins on the project site.				
2-3	N/A	46 Provide hydrology study and maps of drainage basins for both the pre- and post-developed conditions. *				
	N/A	47 An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are				
	L seza 1	completed. *	and a sign and the same and the	and the start of a second data dischar		
-	N/A	erosion. Identify/Delineate		outlet protection to accommodate discharg points.	es without	
3	У	49 Soil series for the project sit				
3	Υ		50 The limits of disturbance for each phase of construction.			
3	Υ	51 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sedimen		sedimentbasin,		
		retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment				
		storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written justification explaining the decision to use equivalent controls when a				
				e Plan for each common drainage location		
		and the control of th		s to why 67 cubic yards of storage is not a	Service of States, April 9 and States	
			the section of the company of the president of the first	included for structural BMPs and all calculant storage when using equivalent controls.		
				nt storage when using equivalent confrois. , permittees are required to utilize outlet str		
		withdraw water from the sur	rface, unless infeasible. If	outlet structures that withdraw water from the		
		not feasible, a written justification explaining this decision must be included in the Plan.				
3	Υ	52 Location of Best Management Practices that are consistent with, and no less stringent than, the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.				
3-6	Υ	53 Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia.			e guidelines	
3-6	Y	54 Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting				
3-0		dates and seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate time				
		of year that seeding will take place and for the appropriate geographic region of Georgia.				
					Carlo March 1997	
		* This requirement of the Comm	mon Developmentpermiti	s not applicable to Tertiary Permittees with		
		* This requirement of the Commindividual lot(s), if the total land of	mon Development permit i disturbance within the con		the total land	



1050 SHILOH ROAD NW
BUILDING 300, SUITE 306



550 DOGWOOD ROAL

REVISION DESCRIPTION:

DRAWN BY:	JPK/RJS
CHECKED BY:	DAH
DATE:	12.17.2021
SHEET TITLE:	

SCALE: N.T.S.

SHT. 07 REV. ---