Land Disturbance Permit Check List

Project Name: _____Location: _____

_____Residential ____Commercial

DESCRIPTION	HAVE	NEED	N/A
Application			
Applicable Fees Paid			
Plans Approved by Planning & Zoning			
Easement Recorded (if needed)			
Notice of Intent to Georgia Environmental Protection Division			
Performance Bond			
Hydrant Flow Test (reach out Jannette@austellga.gov)			
Water/Sewer Availability Letter (if needed)			
Soil Erosion Permit (approved letter from GSWCC)			
Water Capacity Letter (if needed)			
7-Day Letter: After Installing all BMP's			
Stormwater Maintenance Agreement			
Soil Erosion Control Affidavit			
Hydrology Report			
Green Infrastructure/Low Impact Development Design (must be approved within site plans) or Letter			
Floodplain (if needed)			

Pre-Construction Meeting date: _____

Need previous to submit application

OFFICE USE ONLY	
Verify by:	Date

Bond Number: _____

CITY OF AUSTELL
PERFORMANCE BOND

FOR_____COMMERCIAL DEVELOPMENT

(ATTACH CERTIFIED COPY OF VALID POWER OF ATTORNEY FOR ATTORNEY-IN-FACT)

KNOWN ALL MEN BY THESE PRESENTS, that Commercial Developer _____, (hereinafter called the Principal), as Principal and _____, a corporation organized and existing under the laws of the State of_____, and authorized to do business in the State of Georgia, as Surety, are hereby held and firmly bound unto the City of Austell, a political commercial of the State of Georgia in the just and full sum of _____dollars ($_____) to the payment of which sum, well and truly made, the said Principal and Surety bind themselves, and their respective heirs, administrators, executors, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, in compliance with the City of Austell Code of Ordinances, as amended, entitled Commercial Development, the said Principal has applied to the City of Austell for approval of a commercial development to be known as_____containing site improvements shown on the approved construction plans and specifications on file with the City of Austell.

WHEREAS, under said commercial regulations, the said Principal may furnish a good and sufficient Performance Bond in an amount not less than one hundred ten (110) percent of the estimated construction cost of improvements, from a Surety company licensed to do business in the State of Georgia, to guarantee that the construction and completion of the required site improvements within said development, and the payment of all persons, firms, or corporations supplying labor, materials, and supplies used in the completion of said site improvements. Exhibit A attached.

NOW, THEREFORE, the condition of this obligation is that the said Principal, its successors, legal representatives, or assigns, within three hundred sixty five (365) days after approval of the final plat by the Public Works department, shall construct and complete the required site improvements, in accordance with the City of Austell Development Regulations, approved construction plans, and specifications for said work on file with the same office, and shall promptly make payments to all persons, firms, or corporations supplying labor, materials, and supplies used in the completion of the improvements contained or connected with said development.

In the event that any of the provisions of this Agreement or the City of Austell Development Regulations are violated by the Principal, or by any of the subcontractors, the City of Austell may serve written notice upon the Principal and the Surety of the failure to comply and the Surety shall have the right to take over and perform the contract; provided, however, that the Surety does not commence performance thereof within ten (10) days from the date of the mailing to Surety of the notice of failure, the City of Austell may take over the work and prosecute the

same to completion and/or for the account at the expense of the Principal. The Principal and his Surety shall be liable to the City of Austell for any excess costs including additional legal or professional services occasioned the City of Austell thereby, and in such event that the City of Austell may take possession and utilize in completing the work, such materials, appliances, and plants as may be on the site of the work and necessary thereof. Should the Surety select to exercise its right of completion, the remainder of the improvements contemplated herein shall be completed within thirty (30) days from the date of such notice by the City of Austell.

This Agreement shall not be terminated or otherwise allowed to expire without at least thirty (30) days written notice to that effect from the Surety to both the City of Austell and Developer

If the funds are inadequate to pay for any costs covered by this Agreement, the Developer shall pay any and all costs beyond coverage.

IN WITNESS WHEREOF, the said Principal has caused these presents to be signed by its _____ and attested by its Secretary and its corporate seal hereto affixed, and the said Surety has caused the same to be executed in its name and its corporate seal hereto affixed by its Attorney-in-Fact duly authorized to do so on this _____ day of _____, 20____.

Signed, sealed, and delivered the day and year written above.

_____	_____
Secretary Name (Type or Print)	Principal Name and Title (Type or Print)
_____	_____
Secretary Signature	Principal Signature

CORPORATE SEAL

_____	_____
Surety Name (Type or Print)	Attorney-in-Fact Name (Type or Print)
_____	_____
Surety Name Signature	Attorney-in-Fact Signature

CORPORATE SEAL

Accepted by:

_____	_____
City of Austell (Print or Type)	Date
_____	
Signature	

Bond Number: _____

SECURITY INFORMATION SHEET

Project: _____

Land Lot(s): _____ District(s): _

Type of Security: ☐ Maintenance ☐ Performance ☐ Bond
☐ Letter of Credit ☐ Escrow

Amount of Security: $ _____

Starting Date: _____ Ending Date: _____

Security Holder: _____

_____

_____

_____

Contact Person: _____

Telephone Number: _____

Project Owner: _____

_____

_____

_____

Contact Person: _____

Telephone Number: _____

Note: If performance security, explain below what part of construction is being secured:

_____

_____

_____

_____

_____

AUSTELL PUBLIC WORKS

City of Austell -Threadmill Complex
5000 Austell-Powder Springs Road • Suite 133 • Austell, Georgia 30106
Office: 770.944.4325 option 4 • Fax: 770.944.4335

APPLICATION FOR LAND DISTURBANCE PERMIT

DATE	PERMIT NUMBER

APPLICANT NAME	TELEPHONE NUMBER
REPRESENTATIVE / TITLE / TELEPHONE NUMBER	
ADDRESS	
SIGNATURE X	DATE

TITLEHOLDER'S NAME	TELEPHONE NUMBER
ADDRESS	
SIGNATURE X	DATE

CURRENT ZONING

- ☐ R-10 (Single Family Residential)
- ☐ R-20 (Single Family Residential)
- ☐ R-40 (Single Family Residential)
- ☐ RR (Rural Residential)
- ☐ RD (Residential Duplex)
- ☐ RM-8 (Residential Multifamily)
- ☐ RM-12 (Residential Multifamily)
- ☐ O & I (Office and Institutional)
- ☐ NS (Neighborhood Shopping)
- ☐ CBD (Central Business District)
- ☐ LI (Light Industrial)
- ☐ GOVT (Government Land)
- ☐ R-15 (Single Family Residential)
- ☐ R-30 (Single Family Residential)
- ☐ R-80 (Single Family Residential)
- ☐ PUD (Planned Unit Development)
- ☐ RA-6 (Single Family Attached/Detached Residential)
- ☐ FST (Fee Simple Townhouse Residential)
- ☐ MHP (Mobile Home Park)
- ☐ OS (Office/Service)
- ☐ PSC (Planned Service Community)
- ☐ GC (General Commercial)
- ☐ HI (Heavy Industrial)

DESCRIBE YOUR PURPOSE FOR THIS PERMIT

LOCATION OR AREA TO BE DISTURBED

LAND LOT(S)	DISTRICT ☐ 18th ☐ 19th

TYPE OF PERMIT
☐ GAR 100001 – Stand Alone ☐ GAR 100002 – Infrastructure ☐ GAR 100003 – General Development

Prior to any commencement of any land disturbance permit activities; you must submit a copy of any State and/or Federal permit(s) to this office. A copy of the Notice of Intent also must be included with this application.

By signing below, I state that I have received a copy of the current Erosion and Sedimentation Control Ordinance and hereby agree to the requirement in said Ordinance.

SIGNATURE X	DATE

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
GENERAL PERMITS FOR CONSTRUCTION ACTIVITY
GAR 1000001, GAR 1000002, AND GAR 1000003

FEE SYSTEM

Permit Fee Authority:

The amendment to the Water Quality Control Rules, effective November 25, 2003, provides authority for a National Pollutant Discharge Elimination System permit fee for land disturbing activities under the National Pollutant Discharge Elimination System construction stormwater general permits that were effective August 13, 2003. The purpose of these fees is to offset the costs of implementing and enforcing the revised land disturbing permits.

Calculating Fees:

Fees are assessed at a rate of $80.00 per acre, *with half this amount to be paid directly to the City of Austell and the other half directly to the Georgia Environmental Protection Division*. The Primary Permittee (only Primary Permittees pay this fee) must write two separate checks (one to the City of Austell and one to the Georgia Environmental Protection Division) each for the amount of $40.00 per disturbed acre.

The following information is to be submitted to the City of Austell only. The Georgia Environmental Protection Division has its own submittal form, attached.

Please make a check payable to: City of Austell or call 770-944-4325 option 4 to make a credit/debit card payment.

PRIMARY PERMITTEE
PRIMARY PERMITTEE ADDRESS

PROJECT NAME	
PROJECT LOCATION	
COUNTY: ☐ COBB ☐ DOUGLAS	CITY: AUSTELL

FEE CALCULATION

Total disturbed acres: _____ (round to the nearest 1/10th acre)

× $40.00 per disturbed acre (NPDES City Fee)

= _____ **TOTAL NPDES CITY FEE (A)**

_____ Total Disturbed Acres (LDP)

x $200.00 Austell Land Disturbance Fee

+ $200.00 Application Permit Fee

= _____ **TOTAL LDP FEES (B)**

= _____ **TOTAL DUE (A+B)**

Submitted By:

Signature: x _____ Date: _____

Printed Name: _____ Title: _____

FOR OFFICE USE ONLY			
TOTAL FEE SUBMITTED $	CHECK NUMBER	CHECK DATE	RECEIVED BY

LAND DISTURBANCE FEES

AUSTELL PUBLIC WORKS

Construction Activity Fees (Measured to the closest 1/10 acre)

TOTAL DISTURBED ACRES	CITY FEE ($40.00 Per Acre)	STATE FEE ($40.00 Per Acre)	TOTAL FEE
0.10	$ -	$ -	$ -
0.20	$ -	$ -	$ -
0.30	$ -	$ -	$ -
0.40	$ -	$ -	$ -
0.50	$ -	$ -	$ -
0.60	$ -	$ -	$ -
0.70	$ -	$ -	$ -
0.80	$ -	$ -	$ -
0.90	$ -	$ -	$ -
1.00	$ 40.00	$ 40.00	$ 80.00
1.10	$ 44.00	$ 44.00	$ 88.00
1.20	$ 48.00	$ 48.00	$ 96.00
1.30	$ 52.00	$ 52.00	$ 104.00
1.40	$ 56.00	$ 56.00	$ 112.00
1.50	$ 60.00	$ 60.00	$ 120.00
1.60	$ 64.00	$ 64.00	$ 128.00
1.70	$ 68.00	$ 68.00	$ 136.00
1.80	$ 72.00	$ 72.00	$ 144.00
1.90	$ 76.00	$ 76.00	$ 152.00
2.00	$ 80.00	$ 80.00	$ 160.00
2.10	$ 84.00	$ 84.00	$ 168.00
2.20	$ 88.00	$ 88.00	$ 176.00
2.30	$ 92.00	$ 92.00	$ 184.00
2.40	$ 96.00	$ 96.00	$ 192.00
2.50	$ 100.00	$ 100.00	$ 200.00
2.60	$ 104.00	$ 104.00	$ 208.00
2.70	$ 108.00	$ 108.00	$ 216.00
2.80	$ 112.00	$ 112.00	$ 224.00
2.90	$ 116.00	$ 116.00	$ 232.00
3.00	$ 120.00	$ 120.00	$ 240.00
3.10	$ 124.00	$ 124.00	$ 248.00
3.20	$ 128.00	$ 128.00	$ 256.00
3.30	$ 132.00	$ 132.00	$ 264.00
3.40	$ 136.00	$ 136.00	$ 272.00
3.50	$ 140.00	$ 140.00	$ 280.00
3.60	$ 144.00	$ 144.00	$ 288.00
3.70	$ 148.00	$ 148.00	$ 296.00
3.80	$ 152.00	$ 152.00	$ 304.00
3.90	$ 156.00	$ 156.00	$ 312.00
4.00	$ 160.00	$ 160.00	$ 320.00
4.10	$ 164.00	$ 164.00	$ 328.00
4.20	$ 168.00	$ 168.00	$ 336.00
4.30	$ 172.00	$ 172.00	$ 344.00
4.40	$ 176.00	$ 176.00	$ 352.00
4.50	$ 180.00	$ 180.00	$ 360.00
4.60	$ 184.00	$ 184.00	$ 368.00
4.70	$ 188.00	$ 188.00	$ 376.00
4.80	$ 192.00	$ 192.00	$ 384.00
4.90	$ 196.00	$ 196.00	$ 392.00

AUSTELL PUBLIC WORKS

Construction Activity Fees (Measured to the closest 1/10 acre)

TOTAL DISTURBED ACRES	CITY FEE ($40.00 Per Acre)	STATE FEE ($40.00 Per Acre)	TOTAL FEE
5.00	$ 200.00	$ 200.00	$ 400.00
5.10	$ 204.00	$ 204.00	$ 408.00
5.20	$ 208.00	$ 208.00	$ 416.00
5.30	$ 212.00	$ 212.00	$ 424.00
5.40	$ 216.00	$ 216.00	$ 432.00
5.50	$ 220.00	$ 220.00	$ 440.00
5.60	$ 224.00	$ 224.00	$ 448.00
5.70	$ 228.00	$ 228.00	$ 456.00
5.80	$ 232.00	$ 232.00	$ 464.00
5.90	$ 236.00	$ 236.00	$ 472.00
6.00	$ 240.00	$ 240.00	$ 480.00
6.10	$ 244.00	$ 244.00	$ 488.00
6.20	$ 248.00	$ 248.00	$ 496.00
6.30	$ 252.00	$ 252.00	$ 504.00
6.40	$ 256.00	$ 256.00	$ 512.00
6.50	$ 260.00	$ 260.00	$ 520.00
6.60	$ 264.00	$ 264.00	$ 528.00
6.70	$ 268.00	$ 268.00	$ 536.00
6.80	$ 272.00	$ 272.00	$ 544.00
6.90	$ 276.00	$ 276.00	$ 552.00
7.00	$ 280.00	$ 280.00	$ 560.00
7.10	$ 284.00	$ 284.00	$ 568.00
7.20	$ 288.00	$ 288.00	$ 576.00
7.30	$ 292.00	$ 292.00	$ 584.00
7.40	$ 296.00	$ 296.00	$ 592.00
7.50	$ 300.00	$ 300.00	$ 600.00
7.60	$ 304.00	$ 304.00	$ 608.00
7.70	$ 308.00	$ 308.00	$ 616.00
7.80	$ 312.00	$ 312.00	$ 624.00
7.90	$ 316.00	$ 316.00	$ 632.00
8.00	$ 320.00	$ 320.00	$ 640.00
8.10	$ 324.00	$ 324.00	$ 648.00
8.20	$ 328.00	$ 328.00	$ 656.00
8.30	$ 332.00	$ 332.00	$ 664.00
8.40	$ 336.00	$ 336.00	$ 672.00
8.50	$ 340.00	$ 340.00	$ 680.00
8.60	$ 344.00	$ 344.00	$ 688.00
8.70	$ 348.00	$ 348.00	$ 696.00
8.80	$ 352.00	$ 352.00	$ 704.00
8.90	$ 356.00	$ 356.00	$ 712.00
9.00	$ 360.00	$ 360.00	$ 720.00
9.10	$ 364.00	$ 364.00	$ 728.00
9.20	$ 368.00	$ 368.00	$ 736.00
9.30	$ 372.00	$ 372.00	$ 744.00
9.40	$ 376.00	$ 376.00	$ 752.00
9.50	$ 380.00	$ 380.00	$ 760.00
9.60	$ 384.00	$ 384.00	$ 768.00
9.70	$ 388.00	$ 388.00	$ 776.00
9.80	$ 392.00	$ 392.00	$ 784.00
9.90	$ 396.00	$ 396.00	$ 792.00

AUSTELL PUBLIC WORKS

Construction Activity Fees (Measured to the closest 1/10 acre)

TOTAL DISTURBED ACRES	CITY FEE ($40.00 Per Acre)	STATE FEE ($40.00 Per Acre)	TOTAL FEE
10.00	$ 400.00	$ 400.00	$ 800.00
10.10	$ 404.00	$ 404.00	$ 808.00
10.20	$ 408.00	$ 408.00	$ 816.00
10.30	$ 412.00	$ 412.00	$ 824.00
10.40	$ 416.00	$ 416.00	$ 832.00
10.50	$ 420.00	$ 420.00	$ 840.00
10.60	$ 424.00	$ 424.00	$ 848.00
10.70	$ 428.00	$ 428.00	$ 856.00
10.80	$ 432.00	$ 432.00	$ 864.00
10.90	$ 436.00	$ 436.00	$ 872.00
11.00	$ 440.00	$ 440.00	$ 880.00
11.10	$ 444.00	$ 444.00	$ 888.00
11.20	$ 448.00	$ 448.00	$ 896.00
11.30	$ 452.00	$ 452.00	$ 904.00
11.40	$ 456.00	$ 456.00	$ 912.00
11.50	$ 460.00	$ 460.00	$ 920.00
11.60	$ 464.00	$ 464.00	$ 928.00
11.70	$ 468.00	$ 468.00	$ 936.00
11.80	$ 472.00	$ 472.00	$ 944.00
11.90	$ 476.00	$ 476.00	$ 952.00
12.00	$ 480.00	$ 480.00	$ 960.00
12.10	$ 484.00	$ 484.00	$ 968.00
12.20	$ 488.00	$ 488.00	$ 976.00
12.30	$ 492.00	$ 492.00	$ 984.00
12.40	$ 496.00	$ 496.00	$ 992.00
12.50	$ 500.00	$ 500.00	$ 1,000.00
12.60	$ 504.00	$ 504.00	$ 1,008.00
12.70	$ 508.00	$ 508.00	$ 1,016.00
12.80	$ 512.00	$ 512.00	$ 1,024.00
12.90	$ 516.00	$ 516.00	$ 1,032.00
13.00	$ 520.00	$ 520.00	$ 1,040.00
13.10	$ 524.00	$ 524.00	$ 1,048.00
13.20	$ 528.00	$ 528.00	$ 1,056.00
13.30	$ 532.00	$ 532.00	$ 1,064.00
13.40	$ 536.00	$ 536.00	$ 1,072.00
13.50	$ 540.00	$ 540.00	$ 1,080.00
13.60	$ 544.00	$ 544.00	$ 1,088.00
13.70	$ 548.00	$ 548.00	$ 1,096.00
13.80	$ 552.00	$ 552.00	$ 1,104.00
13.90	$ 556.00	$ 556.00	$ 1,112.00
14.00	$ 560.00	$ 560.00	$ 1,120.00
14.10	$ 564.00	$ 564.00	$ 1,128.00
14.20	$ 568.00	$ 568.00	$ 1,136.00
14.30	$ 572.00	$ 572.00	$ 1,144.00
14.40	$ 576.00	$ 576.00	$ 1,152.00
14.50	$ 580.00	$ 580.00	$ 1,160.00
14.60	$ 584.00	$ 584.00	$ 1,168.00
14.70	$ 588.00	$ 588.00	$ 1,176.00
14.80	$ 592.00	$ 592.00	$ 1,184.00
14.90	$ 596.00	$ 596.00	$ 1,192.00

AUSTELL PUBLIC WORKS

Construction Activity Fees (Measured to the closest 1/10 acre)

TOTAL DISTURBED ACRES	CITY FEE ($40.00 Per Acre)	STATE FEE ($40.00 Per Acre)	TOTAL FEE
15.00	$ 600.00	$ 600.00	$ 1,200.00
15.10	$ 604.00	$ 604.00	$ 1,208.00
15.20	$ 608.00	$ 608.00	$ 1,216.00
15.30	$ 612.00	$ 612.00	$ 1,224.00
15.40	$ 616.00	$ 616.00	$ 1,232.00
15.50	$ 620.00	$ 620.00	$ 1,240.00
15.60	$ 624.00	$ 624.00	$ 1,248.00
15.70	$ 628.00	$ 628.00	$ 1,256.00
15.80	$ 632.00	$ 632.00	$ 1,264.00
15.90	$ 636.00	$ 636.00	$ 1,272.00
16.00	$ 640.00	$ 640.00	$ 1,280.00
16.10	$ 644.00	$ 644.00	$ 1,288.00
16.20	$ 648.00	$ 648.00	$ 1,296.00
16.30	$ 652.00	$ 652.00	$ 1,304.00
16.40	$ 656.00	$ 656.00	$ 1,312.00
16.50	$ 660.00	$ 660.00	$ 1,320.00
16.60	$ 664.00	$ 664.00	$ 1,328.00
16.70	$ 668.00	$ 668.00	$ 1,336.00
16.80	$ 672.00	$ 672.00	$ 1,344.00
16.90	$ 676.00	$ 676.00	$ 1,352.00
17.00	$ 680.00	$ 680.00	$ 1,360.00
17.10	$ 684.00	$ 684.00	$ 1,368.00
17.20	$ 688.00	$ 688.00	$ 1,376.00
17.30	$ 692.00	$ 692.00	$ 1,384.00
17.40	$ 696.00	$ 696.00	$ 1,392.00
17.50	$ 700.00	$ 700.00	$ 1,400.00
17.60	$ 704.00	$ 704.00	$ 1,408.00
17.70	$ 708.00	$ 708.00	$ 1,416.00
17.80	$ 712.00	$ 712.00	$ 1,424.00
17.90	$ 716.00	$ 716.00	$ 1,432.00
18.00	$ 720.00	$ 720.00	$ 1,440.00
18.10	$ 724.00	$ 724.00	$ 1,448.00
18.20	$ 728.00	$ 728.00	$ 1,456.00
18.30	$ 732.00	$ 732.00	$ 1,464.00
18.40	$ 736.00	$ 736.00	$ 1,472.00
18.50	$ 740.00	$ 740.00	$ 1,480.00
18.60	$ 744.00	$ 744.00	$ 1,488.00
18.70	$ 748.00	$ 748.00	$ 1,496.00
18.80	$ 752.00	$ 752.00	$ 1,504.00
18.90	$ 756.00	$ 756.00	$ 1,512.00
19.00	$ 760.00	$ 760.00	$ 1,520.00
19.10	$ 764.00	$ 764.00	$ 1,528.00
19.20	$ 768.00	$ 768.00	$ 1,536.00
19.30	$ 772.00	$ 772.00	$ 1,544.00
19.40	$ 776.00	$ 776.00	$ 1,552.00
19.50	$ 780.00	$ 780.00	$ 1,560.00
19.60	$ 784.00	$ 784.00	$ 1,568.00
19.70	$ 788.00	$ 788.00	$ 1,576.00
19.80	$ 792.00	$ 792.00	$ 1,584.00
19.90	$ 796.00	$ 796.00	$ 1,592.00

AUSTELL PUBLIC WORKS

Construction Activity Fees (Measured to the closest 1/10 acre)

TOTAL DISTURBED ACRES	CITY FEE ($40.00 Per Acre)	STATE FEE ($40.00 Per Acre)	TOTAL FEE
20.00	$ 800.00	$ 800.00	$ 1,600.00
20.10	$ 804.00	$ 804.00	$ 1,608.00
20.20	$ 808.00	$ 808.00	$ 1,616.00
20.30	$ 812.00	$ 812.00	$ 1,624.00
20.40	$ 816.00	$ 816.00	$ 1,632.00
20.50	$ 820.00	$ 820.00	$ 1,640.00
20.60	$ 824.00	$ 824.00	$ 1,648.00
20.70	$ 828.00	$ 828.00	$ 1,656.00
20.80	$ 832.00	$ 832.00	$ 1,664.00
20.90	$ 836.00	$ 836.00	$ 1,672.00
21.00	$ 840.00	$ 840.00	$ 1,680.00
21.10	$ 844.00	$ 844.00	$ 1,688.00
21.20	$ 848.00	$ 848.00	$ 1,696.00
21.30	$ 852.00	$ 852.00	$ 1,704.00
21.40	$ 856.00	$ 856.00	$ 1,712.00
21.50	$ 860.00	$ 860.00	$ 1,720.00
21.60	$ 864.00	$ 864.00	$ 1,728.00
21.70	$ 868.00	$ 868.00	$ 1,736.00
21.80	$ 872.00	$ 872.00	$ 1,744.00
21.90	$ 876.00	$ 876.00	$ 1,752.00
22.00	$ 880.00	$ 880.00	$ 1,760.00
22.10	$ 884.00	$ 884.00	$ 1,768.00
22.20	$ 888.00	$ 888.00	$ 1,776.00
22.30	$ 892.00	$ 892.00	$ 1,784.00
22.40	$ 896.00	$ 896.00	$ 1,792.00
22.50	$ 900.00	$ 900.00	$ 1,800.00
22.60	$ 904.00	$ 904.00	$ 1,808.00
22.70	$ 908.00	$ 908.00	$ 1,816.00
22.80	$ 912.00	$ 912.00	$ 1,824.00
22.90	$ 916.00	$ 916.00	$ 1,832.00
23.00	$ 920.00	$ 920.00	$ 1,840.00
23.10	$ 924.00	$ 924.00	$ 1,848.00
23.20	$ 928.00	$ 928.00	$ 1,856.00
23.30	$ 932.00	$ 932.00	$ 1,864.00
23.40	$ 936.00	$ 936.00	$ 1,872.00
23.50	$ 940.00	$ 940.00	$ 1,880.00
23.60	$ 944.00	$ 944.00	$ 1,888.00
23.70	$ 948.00	$ 948.00	$ 1,896.00
23.80	$ 952.00	$ 952.00	$ 1,904.00
23.90	$ 956.00	$ 956.00	$ 1,912.00
24.00	$ 960.00	$ 960.00	$ 1,920.00
24.10	$ 964.00	$ 964.00	$ 1,928.00
24.20	$ 968.00	$ 968.00	$ 1,936.00
24.30	$ 972.00	$ 972.00	$ 1,944.00
24.40	$ 976.00	$ 976.00	$ 1,952.00
24.50	$ 980.00	$ 980.00	$ 1,960.00
24.60	$ 984.00	$ 984.00	$ 1,968.00
24.70	$ 988.00	$ 988.00	$ 1,976.00
24.80	$ 992.00	$ 992.00	$ 1,984.00
24.90	$ 996.00	$ 996.00	$ 1,992.00

AUSTELL PUBLIC WORKS

Construction Activity Fees (Measured to the closest 1/10 acre)

TOTAL DISTURBED ACRES	CITY FEE ($40.00 Per Acre)	STATE FEE ($40.00 Per Acre)	TOTAL FEE
25.00	$ 1,000.00	$ 1,000.00	$ 2,000.00
25.10	$ 1,004.00	$ 1,004.00	$ 2,008.00
25.20	$ 1,008.00	$ 1,008.00	$ 2,016.00
25.30	$ 1,012.00	$ 1,012.00	$ 2,024.00
25.40	$ 1,016.00	$ 1,016.00	$ 2,032.00
25.50	$ 1,020.00	$ 1,020.00	$ 2,040.00
25.60	$ 1,024.00	$ 1,024.00	$ 2,048.00
25.70	$ 1,028.00	$ 1,028.00	$ 2,056.00
25.80	$ 1,032.00	$ 1,032.00	$ 2,064.00
25.90	$ 1,036.00	$ 1,036.00	$ 2,072.00
26.00	$ 1,040.00	$ 1,040.00	$ 2,080.00
26.10	$ 1,044.00	$ 1,044.00	$ 2,088.00
26.20	$ 1,048.00	$ 1,048.00	$ 2,096.00
26.30	$ 1,052.00	$ 1,052.00	$ 2,104.00
26.40	$ 1,056.00	$ 1,056.00	$ 2,112.00
26.50	$ 1,060.00	$ 1,060.00	$ 2,120.00
26.60	$ 1,064.00	$ 1,064.00	$ 2,128.00
26.70	$ 1,068.00	$ 1,068.00	$ 2,136.00
26.80	$ 1,072.00	$ 1,072.00	$ 2,144.00
26.90	$ 1,076.00	$ 1,076.00	$ 2,152.00
27.00	$ 1,080.00	$ 1,080.00	$ 2,160.00
27.10	$ 1,084.00	$ 1,084.00	$ 2,168.00
27.20	$ 1,088.00	$ 1,088.00	$ 2,176.00
27.30	$ 1,092.00	$ 1,092.00	$ 2,184.00
27.40	$ 1,096.00	$ 1,096.00	$ 2,192.00
27.50	$ 1,100.00	$ 1,100.00	$ 2,200.00
27.60	$ 1,104.00	$ 1,104.00	$ 2,208.00
27.70	$ 1,108.00	$ 1,108.00	$ 2,216.00
27.80	$ 1,112.00	$ 1,112.00	$ 2,224.00
27.90	$ 1,116.00	$ 1,116.00	$ 2,232.00
28.00	$ 1,120.00	$ 1,120.00	$ 2,240.00
28.10	$ 1,124.00	$ 1,124.00	$ 2,248.00
28.20	$ 1,128.00	$ 1,128.00	$ 2,256.00
28.30	$ 1,132.00	$ 1,132.00	$ 2,264.00
28.40	$ 1,136.00	$ 1,136.00	$ 2,272.00
28.50	$ 1,140.00	$ 1,140.00	$ 2,280.00
28.60	$ 1,144.00	$ 1,144.00	$ 2,288.00
28.70	$ 1,148.00	$ 1,148.00	$ 2,296.00
28.80	$ 1,152.00	$ 1,152.00	$ 2,304.00
28.90	$ 1,156.00	$ 1,156.00	$ 2,312.00
29.00	$ 1,160.00	$ 1,160.00	$ 2,320.00
29.10	$ 1,164.00	$ 1,164.00	$ 2,328.00
29.20	$ 1,168.00	$ 1,168.00	$ 2,336.00
29.30	$ 1,172.00	$ 1,172.00	$ 2,344.00
29.40	$ 1,176.00	$ 1,176.00	$ 2,352.00
29.50	$ 1,180.00	$ 1,180.00	$ 2,360.00
29.60	$ 1,184.00	$ 1,184.00	$ 2,368.00
29.70	$ 1,188.00	$ 1,188.00	$ 2,376.00
29.80	$ 1,192.00	$ 1,192.00	$ 2,384.00
29.90	$ 1,196.00	$ 1,196.00	$ 2,392.00

AUSTELL PUBLIC WORKS

Construction Activity Fees (Measured to the closest 1/10 acre)

TOTAL DISTURBED ACRES	CITY FEE ($40.00 Per Acre)	STATE FEE ($40.00 Per Acre)	TOTAL FEE
30.00	$ 1,200.00	$ 1,200.00	$ 2,400.00
30.10	$ 1,204.00	$ 1,204.00	$ 2,408.00
30.20	$ 1,208.00	$ 1,208.00	$ 2,416.00
30.30	$ 1,212.00	$ 1,212.00	$ 2,424.00
30.40	$ 1,216.00	$ 1,216.00	$ 2,432.00
30.50	$ 1,220.00	$ 1,220.00	$ 2,440.00
30.60	$ 1,224.00	$ 1,224.00	$ 2,448.00
30.70	$ 1,228.00	$ 1,228.00	$ 2,456.00
30.80	$ 1,232.00	$ 1,232.00	$ 2,464.00
30.90	$ 1,236.00	$ 1,236.00	$ 2,472.00
31.00	$ 1,240.00	$ 1,240.00	$ 2,480.00
31.10	$ 1,244.00	$ 1,244.00	$ 2,488.00
31.20	$ 1,248.00	$ 1,248.00	$ 2,496.00
31.30	$ 1,252.00	$ 1,252.00	$ 2,504.00
31.40	$ 1,256.00	$ 1,256.00	$ 2,512.00
31.50	$ 1,260.00	$ 1,260.00	$ 2,520.00
31.60	$ 1,264.00	$ 1,264.00	$ 2,528.00
31.70	$ 1,268.00	$ 1,268.00	$ 2,536.00
31.80	$ 1,272.00	$ 1,272.00	$ 2,544.00
31.90	$ 1,276.00	$ 1,276.00	$ 2,552.00
32.00	$ 1,280.00	$ 1,280.00	$ 2,560.00
32.10	$ 1,284.00	$ 1,284.00	$ 2,568.00
32.20	$ 1,288.00	$ 1,288.00	$ 2,576.00
32.30	$ 1,292.00	$ 1,292.00	$ 2,584.00
32.40	$ 1,296.00	$ 1,296.00	$ 2,592.00
32.50	$ 1,300.00	$ 1,300.00	$ 2,600.00
32.60	$ 1,304.00	$ 1,304.00	$ 2,608.00
32.70	$ 1,308.00	$ 1,308.00	$ 2,616.00
32.80	$ 1,312.00	$ 1,312.00	$ 2,624.00
32.90	$ 1,316.00	$ 1,316.00	$ 2,632.00
33.00	$ 1,320.00	$ 1,320.00	$ 2,640.00
33.10	$ 1,324.00	$ 1,324.00	$ 2,648.00
33.20	$ 1,328.00	$ 1,328.00	$ 2,656.00
33.30	$ 1,332.00	$ 1,332.00	$ 2,664.00
33.40	$ 1,336.00	$ 1,336.00	$ 2,672.00
33.50	$ 1,340.00	$ 1,340.00	$ 2,680.00
33.60	$ 1,344.00	$ 1,344.00	$ 2,688.00
33.70	$ 1,348.00	$ 1,348.00	$ 2,696.00
33.80	$ 1,352.00	$ 1,352.00	$ 2,704.00
33.90	$ 1,356.00	$ 1,356.00	$ 2,712.00
34.00	$ 1,360.00	$ 1,360.00	$ 2,720.00
34.10	$ 1,364.00	$ 1,364.00	$ 2,728.00
34.20	$ 1,368.00	$ 1,368.00	$ 2,736.00
34.30	$ 1,372.00	$ 1,372.00	$ 2,744.00
34.40	$ 1,376.00	$ 1,376.00	$ 2,752.00
34.50	$ 1,380.00	$ 1,380.00	$ 2,760.00
34.60	$ 1,384.00	$ 1,384.00	$ 2,768.00
34.70	$ 1,388.00	$ 1,388.00	$ 2,776.00
34.80	$ 1,392.00	$ 1,392.00	$ 2,784.00
34.90	$ 1,396.00	$ 1,396.00	$ 2,792.00

AUSTELL PUBLIC WORKS

Construction Activity Fees (Measured to the closest 1/10 acre)

TOTAL DISTURBED ACRES	CITY FEE ($40.00 Per Acre)	STATE FEE ($40.00 Per Acre)	TOTAL FEE
35.00	$ 1,400.00	$ 1,400.00	$ 2,800.00
35.10	$ 1,404.00	$ 1,404.00	$ 2,808.00
35.20	$ 1,408.00	$ 1,408.00	$ 2,816.00
35.30	$ 1,412.00	$ 1,412.00	$ 2,824.00
35.40	$ 1,416.00	$ 1,416.00	$ 2,832.00
35.50	$ 1,420.00	$ 1,420.00	$ 2,840.00
35.60	$ 1,424.00	$ 1,424.00	$ 2,848.00
35.70	$ 1,428.00	$ 1,428.00	$ 2,856.00
35.80	$ 1,432.00	$ 1,432.00	$ 2,864.00
35.90	$ 1,436.00	$ 1,436.00	$ 2,872.00
36.00	$ 1,440.00	$ 1,440.00	$ 2,880.00
36.10	$ 1,444.00	$ 1,444.00	$ 2,888.00
36.20	$ 1,448.00	$ 1,448.00	$ 2,896.00
36.30	$ 1,452.00	$ 1,452.00	$ 2,904.00
36.40	$ 1,456.00	$ 1,456.00	$ 2,912.00
36.50	$ 1,460.00	$ 1,460.00	$ 2,920.00
36.60	$ 1,464.00	$ 1,464.00	$ 2,928.00
36.70	$ 1,468.00	$ 1,468.00	$ 2,936.00
36.80	$ 1,472.00	$ 1,472.00	$ 2,944.00
36.90	$ 1,476.00	$ 1,476.00	$ 2,952.00
37.00	$ 1,480.00	$ 1,480.00	$ 2,960.00
37.10	$ 1,484.00	$ 1,484.00	$ 2,968.00
37.20	$ 1,488.00	$ 1,488.00	$ 2,976.00
37.30	$ 1,492.00	$ 1,492.00	$ 2,984.00
37.40	$ 1,496.00	$ 1,496.00	$ 2,992.00
37.50	$ 1,500.00	$ 1,500.00	$ 3,000.00
37.60	$ 1,504.00	$ 1,504.00	$ 3,008.00
37.70	$ 1,508.00	$ 1,508.00	$ 3,016.00
37.80	$ 1,512.00	$ 1,512.00	$ 3,024.00
37.90	$ 1,516.00	$ 1,516.00	$ 3,032.00
38.00	$ 1,520.00	$ 1,520.00	$ 3,040.00
38.10	$ 1,524.00	$ 1,524.00	$ 3,048.00
38.20	$ 1,528.00	$ 1,528.00	$ 3,056.00
38.30	$ 1,532.00	$ 1,532.00	$ 3,064.00
38.40	$ 1,536.00	$ 1,536.00	$ 3,072.00
38.50	$ 1,540.00	$ 1,540.00	$ 3,080.00
38.60	$ 1,544.00	$ 1,544.00	$ 3,088.00
38.70	$ 1,548.00	$ 1,548.00	$ 3,096.00
38.80	$ 1,552.00	$ 1,552.00	$ 3,104.00
38.90	$ 1,556.00	$ 1,556.00	$ 3,112.00
39.00	$ 1,560.00	$ 1,560.00	$ 3,120.00
39.10	$ 1,564.00	$ 1,564.00	$ 3,128.00
39.20	$ 1,568.00	$ 1,568.00	$ 3,136.00
39.30	$ 1,572.00	$ 1,572.00	$ 3,144.00
39.40	$ 1,576.00	$ 1,576.00	$ 3,152.00
39.50	$ 1,580.00	$ 1,580.00	$ 3,160.00
39.60	$ 1,584.00	$ 1,584.00	$ 3,168.00
39.70	$ 1,588.00	$ 1,588.00	$ 3,176.00
39.80	$ 1,592.00	$ 1,592.00	$ 3,184.00
39.90	$ 1,596.00	$ 1,596.00	$ 3,192.00

AUSTELL PUBLIC WORKS

Construction Activity Fees (Measured to the closest 1/10 acre)

TOTAL DISTURBED ACRES	CITY FEE ($40.00 Per Acre)	STATE FEE ($40.00 Per Acre)	TOTAL FEE
40.00	$ 1,600.00	$ 1,600.00	$ 3,200.00
40.10	$ 1,604.00	$ 1,604.00	$ 3,208.00
40.20	$ 1,608.00	$ 1,608.00	$ 3,216.00
40.30	$ 1,612.00	$ 1,612.00	$ 3,224.00
40.40	$ 1,616.00	$ 1,616.00	$ 3,232.00
40.50	$ 1,620.00	$ 1,620.00	$ 3,240.00
40.60	$ 1,624.00	$ 1,624.00	$ 3,248.00
40.70	$ 1,628.00	$ 1,628.00	$ 3,256.00
40.80	$ 1,632.00	$ 1,632.00	$ 3,264.00
40.90	$ 1,636.00	$ 1,636.00	$ 3,272.00
41.00	$ 1,640.00	$ 1,640.00	$ 3,280.00
41.10	$ 1,644.00	$ 1,644.00	$ 3,288.00
41.20	$ 1,648.00	$ 1,648.00	$ 3,296.00
41.30	$ 1,652.00	$ 1,652.00	$ 3,304.00
41.40	$ 1,656.00	$ 1,656.00	$ 3,312.00
41.50	$ 1,660.00	$ 1,660.00	$ 3,320.00
41.60	$ 1,664.00	$ 1,664.00	$ 3,328.00
41.70	$ 1,668.00	$ 1,668.00	$ 3,336.00
41.80	$ 1,672.00	$ 1,672.00	$ 3,344.00
41.90	$ 1,676.00	$ 1,676.00	$ 3,352.00
42.00	$ 1,680.00	$ 1,680.00	$ 3,360.00
42.10	$ 1,684.00	$ 1,684.00	$ 3,368.00
42.20	$ 1,688.00	$ 1,688.00	$ 3,376.00
42.30	$ 1,692.00	$ 1,692.00	$ 3,384.00
42.40	$ 1,696.00	$ 1,696.00	$ 3,392.00
42.50	$ 1,700.00	$ 1,700.00	$ 3,400.00
42.60	$ 1,704.00	$ 1,704.00	$ 3,408.00
42.70	$ 1,708.00	$ 1,708.00	$ 3,416.00
42.80	$ 1,712.00	$ 1,712.00	$ 3,424.00
42.90	$ 1,716.00	$ 1,716.00	$ 3,432.00
43.00	$ 1,720.00	$ 1,720.00	$ 3,440.00
43.10	$ 1,724.00	$ 1,724.00	$ 3,448.00
43.20	$ 1,728.00	$ 1,728.00	$ 3,456.00
43.30	$ 1,732.00	$ 1,732.00	$ 3,464.00
43.40	$ 1,736.00	$ 1,736.00	$ 3,472.00
43.50	$ 1,740.00	$ 1,740.00	$ 3,480.00
43.60	$ 1,744.00	$ 1,744.00	$ 3,488.00
43.70	$ 1,748.00	$ 1,748.00	$ 3,496.00
43.80	$ 1,752.00	$ 1,752.00	$ 3,504.00
43.90	$ 1,756.00	$ 1,756.00	$ 3,512.00
44.00	$ 1,760.00	$ 1,760.00	$ 3,520.00
44.10	$ 1,764.00	$ 1,764.00	$ 3,528.00
44.20	$ 1,768.00	$ 1,768.00	$ 3,536.00
44.30	$ 1,772.00	$ 1,772.00	$ 3,544.00
44.40	$ 1,776.00	$ 1,776.00	$ 3,552.00
44.50	$ 1,780.00	$ 1,780.00	$ 3,560.00
44.60	$ 1,784.00	$ 1,784.00	$ 3,568.00
44.70	$ 1,788.00	$ 1,788.00	$ 3,576.00
44.80	$ 1,792.00	$ 1,792.00	$ 3,584.00
44.90	$ 1,796.00	$ 1,796.00	$ 3,592.00

AUSTELL PUBLIC WORKS

Construction Activity Fees (Measured to the closest 1/10 acre)

TOTAL DISTURBED ACRES	CITY FEE ($40.00 Per Acre)	STATE FEE ($40.00 Per Acre)	TOTAL FEE
45.00	$ 1,800.00	$ 1,800.00	$ 3,600.00
45.10	$ 1,804.00	$ 1,804.00	$ 3,608.00
45.20	$ 1,808.00	$ 1,808.00	$ 3,616.00
45.30	$ 1,812.00	$ 1,812.00	$ 3,624.00
45.40	$ 1,816.00	$ 1,816.00	$ 3,632.00
45.50	$ 1,820.00	$ 1,820.00	$ 3,640.00
45.60	$ 1,824.00	$ 1,824.00	$ 3,648.00
45.70	$ 1,828.00	$ 1,828.00	$ 3,656.00
45.80	$ 1,832.00	$ 1,832.00	$ 3,664.00
45.90	$ 1,836.00	$ 1,836.00	$ 3,672.00
46.00	$ 1,840.00	$ 1,840.00	$ 3,680.00
46.10	$ 1,844.00	$ 1,844.00	$ 3,688.00
46.20	$ 1,848.00	$ 1,848.00	$ 3,696.00
46.30	$ 1,852.00	$ 1,852.00	$ 3,704.00
46.40	$ 1,856.00	$ 1,856.00	$ 3,712.00
46.50	$ 1,860.00	$ 1,860.00	$ 3,720.00
46.60	$ 1,864.00	$ 1,864.00	$ 3,728.00
46.70	$ 1,868.00	$ 1,868.00	$ 3,736.00
46.80	$ 1,872.00	$ 1,872.00	$ 3,744.00
46.90	$ 1,876.00	$ 1,876.00	$ 3,752.00
47.00	$ 1,880.00	$ 1,880.00	$ 3,760.00
47.10	$ 1,884.00	$ 1,884.00	$ 3,768.00
47.20	$ 1,888.00	$ 1,888.00	$ 3,776.00
47.30	$ 1,892.00	$ 1,892.00	$ 3,784.00
47.40	$ 1,896.00	$ 1,896.00	$ 3,792.00
47.50	$ 1,900.00	$ 1,900.00	$ 3,800.00
47.60	$ 1,904.00	$ 1,904.00	$ 3,808.00
47.70	$ 1,908.00	$ 1,908.00	$ 3,816.00
47.80	$ 1,912.00	$ 1,912.00	$ 3,824.00
47.90	$ 1,916.00	$ 1,916.00	$ 3,832.00
48.00	$ 1,920.00	$ 1,920.00	$ 3,840.00
48.10	$ 1,924.00	$ 1,924.00	$ 3,848.00
48.20	$ 1,928.00	$ 1,928.00	$ 3,856.00
48.30	$ 1,932.00	$ 1,932.00	$ 3,864.00
48.40	$ 1,936.00	$ 1,936.00	$ 3,872.00
48.50	$ 1,940.00	$ 1,940.00	$ 3,880.00
48.60	$ 1,944.00	$ 1,944.00	$ 3,888.00
48.70	$ 1,948.00	$ 1,948.00	$ 3,896.00
48.80	$ 1,952.00	$ 1,952.00	$ 3,904.00
48.90	$ 1,956.00	$ 1,956.00	$ 3,912.00
49.00	$ 1,960.00	$ 1,960.00	$ 3,920.00
49.10	$ 1,964.00	$ 1,964.00	$ 3,928.00
49.20	$ 1,968.00	$ 1,968.00	$ 3,936.00
49.30	$ 1,972.00	$ 1,972.00	$ 3,944.00
49.40	$ 1,976.00	$ 1,976.00	$ 3,952.00
49.50	$ 1,980.00	$ 1,980.00	$ 3,960.00
49.60	$ 1,984.00	$ 1,984.00	$ 3,968.00
49.70	$ 1,988.00	$ 1,988.00	$ 3,976.00
49.80	$ 1,992.00	$ 1,992.00	$ 3,984.00
49.90	$ 1,996.00	$ 1,996.00	$ 3,992.00

Soil Erosion Control Affidavit

Stormwater Management Division
5000 Austell-Powder Springs Rd.,
Suite 133
Austell, GA 30106
770-944-4325 option 4

Site Information

Construction Site Name	**Construction Site Address**
Property Owner	**Owner Phone**
Owner Address	
Authorized Representative / Applicant	**Authorized Rep. Phone**
24 Hour Contact Person	**24 Hour Contact Phone**

Signature

My signature hereto signifies that I am the person responsible for compliance with the Soil Erosion and Sedimentation Control requirements of the City's Unified Development Code. I hereby acknowledge that Best Management Practices (BMP's), per the Manual for Erosion and Sediment Control in Georgia, must be used to control soil erosion on my job site which includes (but, not limited to) at a minimum the following:

1. Proper installation and regular maintenance of silt barriers (i.e. silt fences, hay bales, etc.) in those areas where water exits the job site:
2. Proper installation and regular maintenance of a gravel construction entrance with geotextile under-liner to keep soil and mud from being tracked from vehicles onto the roadways.
3. Removal of mud from the roadway or adjacent property immediately following any such occurrence.
4. Maintenance and removal of sediment from detention ponds, sediment basins, sediment traps, etc.
5. Conduct no land disturbing activities within 25 feet of the banks of streams, lakes wetland, etc. (i.e. "State waters") (within 50 feet of any trout stream).
6. Cut-fill operations must be kept to a minimum.
7. Land disturbing activities must be limited to and contained within the site of the approved plans.
8. Disturbed soil shall be stabilized as quickly as practicable (within 14 days).
9. Temporary vegetation or mulching shall be employed to protect exposed critical areas during development (Blankets or Matting are required on all slopes of 3 feet horizontal to 1 foot vertical (3:1) or steeper).
10. Cuts and fills may not endanger adjoining property.
11. Fills may not encroach upon natural watercourses or constructed channels in a manner so as to adversely affect other property owners.
12. Mud or silt (sediment) may not enter a stream, river, lake or other state water.

Continued on page 2

Construction Site:

Soil Erosion Control Affidavit

Stormwater Management Division
5000 Austell-Powder Springs Rd.,
Suite 133
Austell, GA 30106
770-944-4325 option 4

NOTE

1 Best Management Practices (BMP's): A collection of structural measures and vegetative practices which, when properly designed, installed and maintained, will provide effective erosion and sedimentation control for all rainfall events up to and including a 25 year, 24-hour rainfall event.

2 State Waters: Any and all rivers, streams, creeks, branches, lakes, reservoirs, ponds, drainage systems, springs, wells and other bodies of surface or subsurface water, natural or artificial, lying within or forming a part of the boundaries of the State which are not entirely confined and retained completely upon the property of a single individual, partnership, or corporation.

ARTICLE IV. - SOIL EROSION AND SEDIMENTATION CONTROL Sec. 16-205 (d)-Penalties and incentives: Any person who violates any provisions of this article, or any permit condition or limitation established pursuant to this article, or who negligently or intentionally fails or refuses to comply with any final or emergency order of the director issued as provided in this article shall be liable for a civil penalty not to exceed $2,500.00 per day. For the purpose of enforcing the provisions of this article, notwithstanding any provisions in any city charter to the contrary, municipal courts shall be authorized to impose a penalty not to exceed $2,500.00 for each violation. Notwithstanding any limitation of law as to penalties which can be assessed for violations of county ordinances, any magistrate court or any other court of competent jurisdiction trying cases brought as violations of this article under county ordinances approved under this article shall be authorized to impose penalties for such violations not to exceed $2,500.00 for each violation. Each day during which violation or failure or refusal to comply continues shall be a separate violation.

NOTE: The State of Georgia EPD NPDES PERMIT for storm water discharges form construction site activities requires a permit be applied for and issued for all tracts or with land disturbance activities greater than or equal to 1 acre. The Law requires inspections and monitoring by the primary, secondary, or tertiary permit applicants.

I hereby further acknowledge that The City of Austell inspection staff may issue stop work orders, and may issue summons to Municipal Court for failure to comply with erosion control requirements.

Signature of Applicant or Authorized Agent | Printed Name | Date

THE CITY OF Austell GEORGIA

AUSTELL PUBLIC WORKS
5000 Austell-Powder Springs Road
Suite 133
Austell, GA 30106
publicworks@austellga.gov

March 28, 2022

SUBJECT: **GI/LID PRATICES AT NEW DEVELOPMENT AND REDEVELOPMENTS IN THE CITY OF AUSTELL, GA**

Dear Prospective Developer and Builder:

In accordance with State and Federal mandates, the City of Austell's Stormwater Management Program has developed an effective Green Infrastructure (GI) / Low Impact Development (LID) Program. An important component of this program is evaluating the feasibility and site applicability of different GI/LID techniques and practices at new developments and redevelopments throughout the city. The purpose of this letter is to provide a brief overview of GI/LID and request that you include one or more of these techniques in your proposed project to reduce the volume and/or improve the quality of stormwater runoff from your site.

What is GI/LID?

GI/LID refers to a broad range of stormwater practices and structures for a variety of purposes including water quality improvement and combined sewer overflow reduction. It includes a diverse set of site planning techniques (i.e., protection of conservation areas), site design techniques (i.e., reducing impervious surface), and LID structures (i.e., bio-retention areas, enhanced swales, pervious pavement).

The Georgia Environmental Protection Division (GAEPD) define GI/LID as including the following:

- Better Site Planning Techniques (i.e., protection of conservation areas)
- Better Site Design Techniques (i.e., reducing roadway lengths and widths, reducing parking lot footprints)
- Low Impact Development Structures (i.e., green roofs, permeable pavement, vegetated filter strips, rain gardens)

THE CITY OF Austell GEORGIA

AUSTELL PUBLIC WORKS
5000 Austell-Powder Springs Road
Suite 133
Austell, GA 30106
publicworks@austellga.gov

How to meet the requirements of Austell's GI/LID Program?

To promote the use of GI/LID where it is feasible, the city will allow the use of all GI/LID structures, better site planning techniques, and better site design techniques that are included in the GSMM. Recommended structures include, but are not limited to:

- Bioretention Basins
- Enhanced Dry Swales
- Enhanced Wet Swales
- Grass Channels
- Infiltration Practices
- Permeable Paver Systems

A copy of the City's GI/LID Program dated October 2020 may be found on the City of Austell's web site or obtained by request from the Public Works Department. The report includes summary of structures categorized as GI/LID and a summary of better site planning and design techniques. The detailed descriptions in Volume 2 of the 2016 Georgia Stormwater Management Manual (GSMM) provide additional information related to design criteria, advantages/disadvantages, maintenance needs, pollutant removal calculations, stormwater management suitability, implementation considerations, runoff reduction credits and other useful information.

The City understands that the feasibility and successful implementation of individual structures and techniques is site-dependent, and we encourage you to use the information provided in the listed resources to determine effective practices and/or techniques for your project. As part of the plan review process, Austell's Public Works Department works with applicants to determine appropriate features based on the characteristics of a site. If use of GILID is not feasible at your site based on specific criteria presented in the City's GILID Program, a written application may be submitted by the design engineer to the City of Austell for consideration.

Please contact us at (770) 944-4325 option 4 if you have any questions regarding this letter or the City's Stormwater Management Program. Additional information may be found on the City's website at *https://www.austellga.gov/GreenInfrastructureandLowImpactDevelopment.aspx*

Thank you for helping protect and preserve our critical water resources.

Sincerely,

Bo Garrison

Bo Garrison
Public Works Director

Date (submitted):_____

CITY OF AUSTELL, GA
Runoff Reduction Infeasibility (RRI) Form for Determination of Infeasibility

Design Professional Primary Contact (Name/Email/Phone): _____

_____

Description of Site/Land Development Application Number: _____

Address: _____

Size (acres): _____

Maximum Practicable Runoff Reduction Volume*: _____

**If any of the stormwater runoff volume generated by the first 1.0" of rainfall cannot be reduced or retained on the site, due to site characteristics or constraints, the remaining volume shall be increased by a multiplier of 1.2 and shall be intercepted and treated in one or more best management practices that provide at least an 80 percent reduction in total suspended solids.*

GENERAL SUPPORTING DOCUMENTATION

All General Supporting Documentation must be included with this RRI Form for the submittal for a Determination of Infeasibility to be considered complete. Please check each item below to confirm it has been included in the submittal package.

- ☐ Stormwater Concept Plan that has been developed based on site analysis, and natural resources inventory (including impracticability) in accordance with Section 2.4.2.5 of the GSMM
- ☐ GSMM Stormwater Quality Site Development Review Tool for the Stormwater Concept Plan
- ☐ Please include justification that the site cannot accommodate best management practices that rely on evapotranspiration and reuse such as rainwater harvesting or green roofs

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SITE CONDITION APPLICABILITY

(descriptions are in *Policy on Practicability Analysis for Runoff Reduction*)

Please check each applicable item below and confirm the supporting documentation has been included in the submittal for a Determination of Infeasibility.

Site Condition	Supporting Documentation
☐ Soil Infiltration Rate	Infiltration test(s), Soil Boring Log(s), and Report of results as interpreted by a Professional Engineer, Professional Geologist, or Soil Scientist licensed in Georgia
☐ Water Table	Soil Boring Log(s) and Report with results of the seasonal high-water table assessment as interpreted by a Professional Engineer, Professional Geologist, or Soil Scientist licensed in Georgia
☐ Bedrock	Soil Boring Log(s) and Report with results of the shallow bedrock assessment as interpreted by a Professional Engineer, Professional Geologist, or Soil Scientist licensed in Georgia
☐ Extreme Topography	Site survey showing 50% of the site is steeper than 3:1 slopes as interpreted by a Professional Engineer or Land Surveyor licensed in Georgia AND Stormwater Concept Plan showing the proposed post-development condition will not change from the site survey
☐ Karst Topography	Report developed by a Professional Engineer, Professional Geologist, or Soil Scientist licensed in Georgia
☐ Hotspots/ Contamination	Phase I Environmental Assessment Report
☐ Historic Resources	Documentation of the NAHRGIS listing OR Report of assessment from a Preservation Professional (including Archaeologist, Architectural Historian, Historian, Historic Preservationist, or Historic Preservation Planner)
☐ Site Constraints	Site Plan identifying all development requirements (e.g. zoning side/front setbacks, build-to-lines, stream buffers, floodplains, septic fields) that are creating irreconcilable conflicts with on-site runoff reduction
☐ Economic Hardship*	An estimated cost comparison of proposed runoff reduction practices compared to the proposed water quality practices must be included to demonstrate an economic hardship and must show the cost of providing runoff reduction is a minimum of three times greater than the cost of providing water quality practices

** Note: A Determination of Infeasibility cannot be granted solely for economic hardship and must be present with another site condition. Additionally, a Determination of Infeasibility for economic hardship may only be allowed for up to 50% runoff reduction volume.*

STORMWATER RUNOFF QUALITY/ REDUCTION SUMMARY

Maximum Practicable Runoff Reduction Volume*: _____

Remainder of Volume treated by Water Quality Best Management Practice: _____

**If any of the stormwater runoff volume generated by the first 1.0" of rainfall cannot be reduced or retained on the site, due to site characteristics or constraints, the remaining volume shall be increased by a multiplier of 1.2 and shall be intercepted and treated in one or more best management practices that provide at least an 80 percent reduction in total suspended solids.*

Design Professional Printed Name_____

Design Professional Signature _____

FOR CITY OF AUSTELL USE ONLY

☐ APPROVED

☐ APPROVED with conditions _____

☐ DENIED _____

Reviewer: _____

(Print Name) (Signature) (Date)

City of Austell

REVIEW CHECKLIST FOR SITE DEVELOPMENT PLANS

5000 Austell-Powder
Springs Road, Suite 144
Austell, Georgia 30106
770-944-4309

Development Name:

Location:

Owner/Developer:

Contact: Phone #:
Email:

Engineer/Surveyor:

Contact: Phone #:
Email:

This Checklist shall be completed by the plan preparer and submitted with the Review Application and each re-submittal.
This Checklist does not constitute a full review. Applicant is responsible for compliance with all applicable City Codes and Ordinance.

Submittal Date: _____ No. of Prior Reviews: _____

Review Date: _____ Reviewed By: _____

REVIEW SYMBOLS:
✓ OK R Revision Required NA Not Applicable NR Not Required ? Additional Data Required

Applicant Verified	Review Status	**1.0 GENERAL:**	Revised On Page #
		1. Location Map	
		2. Boundary survey to meet GA Plat Act, Sealed by PLS or final plat reference	
		3. North Arrow and Graphic Scale. Not less than 1"=100'	
		4. Plans date and revision date spaces	
		5. Property area, developed area, disturbed area in acres	
		6. Emergency 24-hour project contact name and telephone number	
		7. Existing and proposed impervious surface areas in square feet	
		8. Proposed site use, including gross area of existing and proposed buildings	
		9. Deed record names of adjoining property owners	
		10. Zoning type of property and all adjacent properties, site building setback lines	
		11. Zoning conditions or variances shown with case number, date, and conditions	
		12. Design professional seal, date, and signature on all drawings	
		13. Land Disturbance Permit and application required for disturbance of 1.0 acre or more or disturbance within 200 ft of bank of perennial stream	
		14. Submit required no. of copies of development construction drawings. Electronic pdf copies are acceptable for reviews	

REVIEW SYMBOLS:
✓ OK R Revision Required NA Not Applicable NR Not Required ? Additional Data Required

		15. Drawing Cover sheet contains notes a. through p. of Section 1.B.7. of Austell Design and Construction Standards	
		16. Performance bond form in accordance with Maintenance Bond Ordinance, submit executed copy prior to final approval	
		Other Comments:	

Applicant Verified	Review Status	**2.0 EXISTING CONDITIONS:**	Revised On Page #
		1. County, Land District, and Land Lot	
		2. Boundary information, adjoining property lines, jurisdictional lines	
		3. For subdivision, existing plat copy with proposed subdivision lines thereon	
		4. Show on-site bench mark to mean sea level elevation, elevation datum source	
		5. Topographic map with surface contour elevations at no more than 2 foot intervals, show existing buildings	
		6. Show lines and widths for any easements, right of ways, pavement edges, utilities, railroads, street names	
		7. Location of streams, stream buffers, state waters, wetlands. Label names if applicable, Show any state waters disturbance	
		8. Dimension and label buffers for zoning, landscaping, tree protection area	
		9. Size and location of existing sewers and manholes, water mains and hydrants, drain pipes and structures, culverts, drainage ditches or canals, gas mains, power or electric lines, telephone or fiber optic lines	
		10. Location of all known existing landfills or on-site bury pits (if none, so state)	
		11. Site environmental report identifying the presence or absence of state waters and wetlands based on field investigation, the EPD publication *The Field Guide for Determining the Presence of State Waters that Require a Buffer*, and the USACE jurisdictional wetlands procedures	
		Other Comments:	

Applicant Verified	Review Status	**3.0 LOT LAYOUT:**	Revised On Page #
		1. Show all lot building setback lines, minimum lot width and area, lot dimensions and areas for each lot, lot numbers, total lots, open space	
		2. Lot lines at 90^0 to street or radial, lots front or abut public street	
		3. Large corner lots to conform to minimum setback on both streets, miter ROW at intersections	
		4. Identify each street with number, letter, or name.	
		5. House Location Plan (HLP) required for lots with unusual easements, stormwater detention facility, floodplain, buffer for zoning, duplex unit	

REVIEW SYMBOLS:
✓ OK R Revision Required NA Not Applicable NR Not Required ? Additional Data Required

		6. Residence Drainage Plan (RDP) required for lots with floodplain, drainage easement or issues	
		Other Comments:	

Applicant Verified	Review Status	**4.0 PARKING AND DRIVEWAYS:**	Revised On Page #
		1. Show location, orientation, dimensions, markings, and number of parking spaces, access to public street	
		2. Show parking analysis of required spaces versus spaces provided	
		3. Show driveway widths and curve radii, curb and gutter locations	
		4. Show handicap parking requirement, signage, and marking	
		5. Show off-street loading/unloading spaces	
		6. 90^0 parking to have min. 162 sf, 8.5' wide, 19' deep, 24' wide passageway	
		7. 60^0 parking to have min. 176 sf, 8.5' wide, 20.67' deep, 18.5' wide passageway. 45^0 parking to have min. 165 sf, 8.5' wide, 19.42' deep, 13.5' wide passageway	
		8. Show pavement types and section layer thicknesses	
		9. Show one-way arrows and details for one-way drives	
		10. Show parking area lighting if used at night per Section LL of Austell Stds	
		11. No parking area within 10 ft of public ROW for RM or Office District	
		12. Residential driveway width, 12' min, 20' max, 5' min rad taper, min 25' length hardened pavement	
		13. Non-residential driveway width, 14'-18' min one way, 24'-32' min two way, 30'-50' radius	
		14. Minimum residential road driveway separation – 50' from centerlines & nearest ROW	
		15. Minimum non-resid. driveway separation – 100' from point of curvatures, 20' tangent from property line	
		16. Minimum thoroughfare road driveway separation – 100' tangent from point of curvatures	
		17. Non-resid driveway length 25'-100' depending on peak hour volume, pavement composition to match adjacent public street, max. 2% slope at intersection	
		18. New driveways shall match drive location on opposite side of street	
		19. Interparcel access required for thoroughfare street per Section 2.V. of Austell Standards	
		20. Driveway culvert pipe sized to 10-yr storm with flared ends, length for 2'shoulders each side and 2H:1V slope max.	
		21. Recent traffic count study to waive the need for auxiliary lanes (Accel/Decel) at approach to new driveway entrance on any public road per criteria in Section 4.9 of GDOT Regulations Manual on Driveways	
		22. Street access curb cuts not in R districts not permitted within 100 ft of any intersection, or 40 ft of another curb cut, or 20 ft of any property line	
		23. GDOT driveway encroachment permit application and GDOT approval when abutting GDOT ROW	

REVIEW SYMBOLS:
✓ OK R Revision Required NA Not Applicable NR Not Required ? Additional Data Required

		24. No fence, sign structure, planting, or feature above 3 ft allowed within 15 ft of intersection of projected ROW lines at street or railroad intersections	
		Other Comments:	

Applicant Verified	Review Status	**5.0 TREE PRESERVATION AND REPLACEMENT, LANDSCAPING:**	Revised On Page #
		1. Non-resid off-street parking lot requirements: 1 tree per 1,120 sf of parking spaces, every parking space within 50 ft of tree trunk, min 3" caliper	
		2. Redevelopment with removal and replacement of 25% or more of existing parking area must retrofit entire parking lot to meet tree standards	
		3. One tree for each 35 linear ft of street front yard, excluding driveways, access ways, sight distance triangles, min 3" caliper	
		4. Outparcels and amenity/recreation areas shall meet tree requirements separate from overall property	
		5. Show trees over 10" trunk diameter and specimen trees on the plan	
		6. Delineate tree save areas, existing tree inventory, show existing density factor, EDF	
		7. Show Site Density Factor (SDF) analysis, minimum 15 SDF units per acre	
		8. Add offsite slope areas, subtract floodplain, wetlands, or utility easement areas to area calculation	
		9. Show replacement density factor, RDF, size and type of replacement trees	
		10. Show common and botanical name of all trees and shrubbery	
		11. Show tree and shrub quantities, size, condition, and spacing, min 5 to 6 ft high trees	
		12. Show details for tree fencing/save areas, tree and shrub staking, irrigation	
		13. Landscaping areas required versus provided analysis, show for entrances, common areas, etc.	
		14. Show landscape strip adjacent to ROW and off-street parking areas	
		15. Min. 2 trees per residential lot, 1 min 2" caliper, 1 min 3" caliper	
		16. Show or note irrigation plans or methods on the drawings	
		17. Submit report for each specimen size tree to be impacted by the development per Section 2.JJ.5., plan or documentation justifying the removal of specimen tree	
		18. Tree preservation and replacement plans over 2 acres sealed by registered landscape architect,	
		19. Tree preservation and replacement plans show notes per Section 2.JJ.7.a. (4 for all projects, 3 for commercial, 1 for subdivision)	
		20. Submit Fiscal Surety form per Section 2.JJ.9 for review before execution	
		Other Comments:	

REVIEW SYMBOLS:
✓ OK R Revision Required NA Not Applicable NR Not Required ? Additional Data Required

Applicant Verified	Review Status	**6.0 GRADING, STORM DRAINAGE, FLOODPLAIN MANAGEMENT, AND STORMWATER MANAGEMENT:**	Revised On Page #
		1. Identify and delineate 100-yr flood plain per most recent FEMA FIRM maps	
		2. 100-yr limits do not encroach on public ROW	
		3. Drainage way flow direction arrows, 20' min easements for all pipes and ditches outside the street ROW, extend pipes between lots to rear building line	
		4. Stormwater management facility not permitted in state waters, buffers, landscape strips, or tree protection areas	
		5. Show minimum 10 ft wide drainage easement around management facility 100-yr limit, access easement from a public street	
		6. Access easement to outlet control structure max 20% slope, min. drive width of 12 ft	
		7. Min. 4 ft high chain link perimeter fencing around management facility when depth exceeds 4 ft or slopes steeper than 3:1, 10 ft wide access gate	
		8. At least 2 copies of Stormwater Management Report complying with Post Development Stormwater Mgmt Ordinance and Georgia Stormwater Management Manual with design professional seal and date	
		9. Maximum predevelopment runoff, C=0.30 or CN=39 for A soils, 61 for B soils, 74 for C soils, 80 for D soils	
		10. Hydrologic methods per GSWMM Vol 2, Size to convey 100-yr, 24 hr storm	
		11. WQ BMPs remove 80% TSS, "Site Devel Review Tool" results on plans	
		12. State and/or USACE approval or waiver for stream or wetland buffer encroachment or disturbance	
		13. Show finished floor elevations for all buildings, including basements	
		14. Development involves creation, replacement, or addition of more than 5,000 sq. ft. of impervious surface area.	
		15. Stormwater maintenance performance bond and fees	
		16. Stormwater inspection and maintenance agreement and estimate of annual maintenance costs	
		17. Furnish copy of the registered mail receipt from DNR mailroom and a copy of the NOI to the City to address the Georgia EPD General National Pollutant Discharge Elimination System Permit (NPDES) for storm water discharges from construction activities	
		18. Description of proposed landscaping and vegetation used in and adjacent to stormwater management facilities	
		19. Show finished grading contours, max. cut or fill slope of 2H:1V, no fill or cut in ROWs	
		20. Show location, size, type of drainage structures, drainage area to each structure	
		1. Drawings show the five notes of Section 4.C.17. of Austell Standards	
		21. Show drainage system and appurtenances construction details per GDOT standards and/or Cobb County where applicable	
		22. Show 25-yr and 100-yr hydraulic grade lines for all storm piping and culverts, minimum 1.5 ft freeboard between 100-yr storm level and centerline top of road.	
		23. Cannot raise 100-yr flood elevation on upstream properties	
		24. Minimum pipe diameter – right of way 18", Other locations 15", design for 25-yr storm, passes 100-yr storm, max. pipe velocity of 15 fps	
		25. Pipe material within ROW-GDOT pipe approved for ROW & water tight connections	

REVIEW SYMBOLS:
✓ OK R Revision Required NA Not Applicable NR Not Required ? Additional Data Required

		26. Pipe material state waters –RCP or ductile iron, size for 20% min. embedment for fish passage for perennial streams	
		27. Minimum slope of 0.50%, maximum slope of 25%, special requirements for slopes over 10%, max. inside drop of 10 ft	
		28. Locate outlet structures a flow distance of at least 6 times pipe diameter from property line	
		29. Space catch basins at 500 ft for grades up to 7%, 400 ft up to 10%, 250 ft over 10%. Otherwise, space so gutter spread does not exceed 8 ft for 10-yr storm for streets or 16 ft for any storm	
		30. Provide gutter spread, runoff flow calculations, and drain pipe design capacities and flows chart on the drawings	
		31. Show drain pipe profiles with inlet & outlet elevations, slopes, length, pipe materials, other utility crossings, existing and proposed grades, minimum cover or clearance depths	
		32. Show channel lining materials, pipe bedding details, outlet velocity dissipation measures	
		33. Show sections, dimensions, slopes, and details of stormwater management facility including dam and emergency spillway cross sections	
		34. Show floodplain management/flood damage prevention plan sealed and signed by PE for development in flood hazard area	
		35. Projects that disturb the floodplain require engineering study submittal meeting Floodplain Ordinance requirements	
		36. Development or encroachment into a floodway is not permitted	
		37. Buildings constructed adjacent to flood hazard areas shall have floor elevation 3 ft above base flood elevation or 1 ft above future conditions flood elevation, whichever is higher	
		38. Locate and construct all public utilities and facilities to minimize flood damage, floodwater infiltration, and discharges into floodwaters	
		39. Locate all onsite waste disposal systems outside flood hazard areas	
		Other Comments:	

Applicant Verified	Review Status	**7.0 WATER SYSTEM, SEWER SYSTEM:**	Revised On Page #
		1. GDOT utility facility encroachment permit application and approval through GUPS for facilities on GDOT ROW	
		2. Provide copy of utility owner approval for all work within the utility owner's easement or right of way	
		3. Water and sanitary sewer availability letter issued by the City	
		4. Purchase and completion of fire hydrant flow test for water infrastructure or fire protection improvements, indicate results on plans	
		5. Submit 5 copies of water and sanitary sewer plans, details, and sewer profile drawings for review	
		6. All major street crossings shall be bored and cased, show casing material, diameter, blocking, and skids	
		7. Show fire hydrant spacing 300' max apart for non-resid, 500' max apart for single family residential	
		8. Minimum 8 inch water main size, valves at intersections, dual feed where practicable	

REVIEW SYMBOLS:
✓ OK R Revision Required NA Not Applicable NR Not Required ? Additional Data Required

		9. Minimum 8 inch sanitary sewer size, 6 inch minimum size for service laterals, manhole spacing 300 ft max., minimum 20 ft wide easements	
		10. Maximum sewer cover of 18 ft in streets, 25 ft off-street.	
		11. Show bolt down, water tight manhole covers in 100-yr floodplain	
		12. Metal manhole adjusting rings in streets, manhole top flush with grade in right of ways	
		13. Manhole inside drop connection for drop greater than 3 feet, use larger diameter manhole	
		14. Maximum sewer slope of 20% with D.I. pipe, min. 2.5 fps pipe velocity	
		15. Show ductile iron, DI, pipe for cover less than 3 ft, vertical crossing less than 2 ft, lateral pass within 1 ft, cover depth over 18 ft, cover depth less than 6 ft in street, creek crossings, drop connection, side setbacks	
		16. Show grease trap size calculations, min. 750 gallons, max 3,000 gallon size units, sample manhole or port prior to sewer line connection	
		Other Comments:	

Applicant Verified	Review Status	**8.0 STREETS AND SIDEWALKS:**	Revised On Page #
		1. GDOT driveway encroachment permit application and GDOT approval when abutting GDOT ROW	
		2. Recent traffic count study to waive the need for auxiliary lanes (Accel/Decel) at approach to new driveway entrance on any public road per criteria in Section 4.9 of GDOT Regulations Manual on Driveways	
		3. Continuation of existing streets, no Cul-de-sac street over 2,000 ft	
		4. Street intersection angles shall be no less than 75^0 for resid, 85^0 for non-resid	
		5. Minimum centerline intersection opposite sides offset = 125' same side offset = 250'.	
		6. Minimum ROW width non-resid-60', resid-50', half from centerline	
		7. Minimum pavement widths (B/C-B/C), residential-24' with no street pkg	
		8. Minimum 10 ft travel lane for local resid, 12 ft for other lanes	
		9. Maximum grades local -18%, as graded survey for 14% to 18%, nonresid-14%	
		10. Minimum design speed resid-25 mph, non-resid-35 mph	
		11. Minimum grade all streets – 1.5%	
		12. Minimum vertical curve K value Crest : local-10, minor collector-30	
		13. Minimum vertical curve K value Sag : local-20, minor collector-35	
		14. Minimum horizontal curve radius: local-100', non-resid-150'	
		15. Minimum curve tangent lengths: local–50', minor collector-100', non-resid local-75'	
		16. Show minimum intersection sight distance and lines per standard detail 401B, including temporary construction exit/entrance	
		17. Minimum pavement intersection radius: local resid–25', higher class. -35'	
		18. Minimum ROW intersection miter: local resid–10', major intersection-20'	

REVIEW SYMBOLS:
✓ OK R Revision Required NA Not Applicable NR Not Required ? Additional Data Required

		19. Show cul-de-sac detail for right of way and pavement radius, Non-resid min. paved radius of 60'	
		20. Show typical road cross section, curb and gutter detail per std detail 106, 24" for resid, 30" for non-resid	
		21. Minimum road pavement thicknesses: resid-6" GAB, 1.5 binder, 1.5" surface course, non-resid-10" GAB, 4" asph base, 2" binder, 1.5" surface	
		22. Show vertical and horizontal curve data, design speed, table of proposed road lengths.	
		23. Show plan and profile of existing and proposed street grades.	
		24. Show minimum sight distance for all vertical curves	
		25. Maximum street grade at intersection approach is 2%	
		26. Show street names, ROW and pavement widths and distance from centerline.	
		27. Show drawings at 1":20' scale for auxiliary lanes or additional lane widening	
		28. Show pavement & curb tapers at lane ends, transition curb down unless tying to existing curb.	
		29. Use thermoplastic paint for all pavement markings	
		30. All traffic signal plans to be approved by the City	
		31. Street plan and profile drawings show the four notes of Section 2.A.5. of Austell Standards	
		32. Substandard street to meet unimproved road criteria per Section 2.F. of Austell Design and Development Standards	
		33. Show street lighting plans and power line underground	
		34. Max slope (2:1 cut, 2:1 fill) shown on road section	
		35. Fire Department access of 150 ft max to all residential structures,	
		36. Additional Fire Dept vehicle access required per Section 2.H.2. of Austell Standards	
		37. Fire apparatus access gates comply with Section 2.H.3.	
		38. Traffic signs and pavement markings by City on resid., by applicant on non-resid.	
		39. Street addresses, property addresses, and street names approved by Austell Fire and Emergency Services	
		40. Sidewalks required on all roads per Austell Sidewalk Ordinance, min. 5' for exterior and non-resid property, 4' interior residential, dwg details	
		41. Show sidewalk for length equal to road improvements distance along road frontage	
		42. Show sidewalks to amenity areas accessible from nearest street sidewalk	
		43. Sidewalks not req'd in R-80 zoning or approved rural road classification	
		44. 20 ft wide pathway public ROW required along creek floodplain per Section 2.HH. of Austell standards	
		45. Show pavement patch details for any crossings of paved streets, parking, or sidewalks	
		Other Comments:	

Applicant Verified	Review Status	**10.0 SOIL EROSION, SEDIMENTATION, AND POLLUTION CONTROL:**	Revised On Page #

REVIEW SYMBOLS:
✓ OK R Revision Required NA Not Applicable NR Not Required ? Additional Data Required

		1. If land disturbance area is 1.0 acre, submit GSWCC region approval and stamped plans	
		2. If land disturbance area is less than 1.0 acre, show erosion and sediment control plans and details meeting minimum BMP requirements in accordance with the Georgia Erosion and Sedimentation Act	
		3. Attach the appropriate completed GWSCC Erosion, Sedimentation, & Pollution Control Plan Checklist (1 of 3 lists) to the submittal	
		4. Show all temporary or permanent stream crossings and approvals or permits from Ga EPD and USACE	
		5. Show fuel storage areas, onsite storage capacity limits notations, spill containment controls and secondary containment volume	
		Other Comments:	

Applicant Verified	Review Status	**9.0 DEVELOPMENT AND OTHER REQUIREMENTS:**	Revised On Page #
		1. ADA access ramps at all intersections, driveways, curb cuts with warning devices and details	
		2. For limited access roads or major route, provide service road to access adjoining properties	
		3. Show buffers or landscape screening requirements	
		4. Identify/show any phases or stages for development	
		5. Show solid waste dumpster location and pad/enclosure detail	
		6. Provide lighting site plan and details	
		7. Show slope or construction easements.	
		8. Provide copy of signed agreement or easement with adjacent property owner approving any work (temporary or permanent) on adjacent property	
		9. Provide copy of easement agreement and plat for development site or adjacent property. Provide executed and courthouse recorded copy of easement agreement prior to certificate of occupancy.	
		10. Provide copy of utility owner approval for all work within the utility owner's easement or right of way	
		11. Show 100 ft undisturbed stream buffer if within the East Point Inner Protection Zone per Sweetwater Creek Watershed Protection District	
		12. Show 150 ft impervious surface and septic tank stream buffer if within the East Point Inner Protection Zone per Sweetwater Creek Watershed Protection District	
		13. Show percent of land area provided for recreational or conservational use	
		14. Show location, size, and height of all proposed free standing signs, separate permit required	
		15. Unique or special development features	
		16. Retaining walls over 3 feet high require structural drawing details sealed and dated by a design professional	
		Other Comments:	

STORMWATER MAINTENANCE AGREEMENT
CITY OF AUSTELL, GEORGIA

WHEREAS, the Property Owner _____recognizes that the structural and non-structural stormwater management facility or facilities (hereinafter referred to as "the facility" or "facilities") must be maintained for the development called,_____, located in Land Lot(s) _____, District(s) _____ , Section _____, of the City of Austell, Georgia, a political subdivision of the State of Georgia (hereinafter called the "City"), and,

WHEREAS, the Property Owner is the owner of real property more particularly described on the attached Exhibit A (hereinafter referred to as "the Property"), and,

WHEREAS, The City of Austell, Georgia, and the Property Owner, or its administrators, executors, successors, heirs, or assigns, agree that on January 5, 2015, the Mayor and Council, of the City of Austell, Georgia, adopted the Ordinance for Post-development Stormwater Management for New Development and Redevelopment to protect public health and safety, protection of public and private property and infrastructure, and environmental protection from post-development stormwater runoff quality and quantity impacts resulting from the permanent alteration of the character and hydrology of the land surface as well as the nonpoint source pollution from land use activities, and,

WHEREAS, the Development Regulations of the City of Austell, Georgia, require that the facility, or facilities as shown on the development plans and specifications submitted after December 5, 2006 be constructed and maintained per the technical criteria and standards of the Georgia Stormwater Management Manual and the City of Austell, Georgia, and maintained by the Property Owner, its administrators, executors, successors, heirs, or assigns.

NOW, THEREFORE, in consideration of the foregoing premises, the mutual covenants contained herein, and the following terms and conditions, the parties hereto agree as follows:

SECTION 1

The facility or facilities shall be constructed by the Property Owner in accordance with the approved plans and specifications for the development.

SECTION 2

The Property Owner, its administrators, executors, successors, heirs or assigns shall maintain the facility or facilities in good working condition, determined through site inspection by a representative of the City of Austell, Georgia, or its authorized agents, and employees.

SECTION 3

The Property Owner, its administrators, executors, successors, heirs or assigns hereby grants permission to the City of Austell, Georgia, its authorized agents and employees, to enter upon the property and to inspect the facilities whenever the City deems necessary. The Property Owner shall execute an access easement in favor of the City of Austell, Georgia, to allow the City, or its agents, and employees, to inspect, observe, maintain, and repair the facility as deemed necessary. A fully executed original easement is attached to this Agreement and by reference made a part hereof.

SECTION 4

In the event the Property Owner, its administrators, executors, successors, heirs, or assigns fails to maintain and/or repair the facility or facilities as shown on the approved plans and specifications in good working order, determined through site inspection, by the City of Austell, Georgia, its authorized agents, and employees, in accordance with the Georgia Stormwater Management Manual (latest edition), the City, with due notice, may enter the property and take whatever steps it deems necessary to return the facility or facilities to good working order. This provision shall not be construed to allow the City to erect any structure of a permanent nature on the property. It is expressly understood and agreed that the City is under no obligation to maintain or repair the facility or facilities and in no event shall this Agreement be construed to impose any such obligation on the City.

SECTION 5

In the event the City of Austell, Georgia, pursuant to this Agreement, performs work of any nature, or expends any funds in the performance of said work for labor, use of equipment, supplies, materials, and the like, the Property Owner shall reimburse the City, or shall forfeit any required bond upon demand within thirty (30) days of receipt thereof for all the costs incurred by the City hereunder. If not paid within the prescribed time period, the City shall secure a lien against the real property in the amount of such costs. The actions described in this section are in addition to and not in lieu of any and all legal remedies available to the City as a result of the Property Owner's failure to maintain the facility or facilities.

SECTION 6

It is the intent of this agreement to insure the proper maintenance of the facility or facilities by the Property Owner; provided, however, that this Agreement shall not be deemed to create or effect any additional liability of any party for damage alleged to result from or caused by stormwater runoff.

SECTION 7

Sediment accumulation resulting from the normal operation of the facility or facilities will be managed properly to ensure the design volume of the facility is maintained. The Property Owner will make accommodation for the removal and disposal of all accumulated sediments on its own initiative or when requested by the City of Austell, Georgia. Disposal will be provided onsite in a reserved area(s) or will be removed from the site. Reserved area(s) shall be sufficient to accommodate for a minimum of two dredging cycles.

SECTION 8

At the City's request, the Property Owner shall provide the City of Austell, Georgia, with a bond, or a letter of credit providing for the maintenance of the facility or facilities pursuant to the Post Development Stormwater Development Ordinance and/or other ordinances/regulations as adopted by the Mayor and Council, of the City of Austell, Georgia, concerning Maintenance Agreements.

SECTION 9

The Property Owner shall use the standard Best Management Practice (BMP) Operation and Maintenance Inspection Reports in the Georgia Stormwater Management Manual, or similar reports approved by the City of Austell, Georgia, for the purpose of a minimal annual inspection of the facility or facilities, by a qualified inspector.

SECTION 10

The Property Owner, its administrators, executors, successors, heirs and assigns hereby indemnifies and holds harmless the City of Austell, Georgia, and its authorized agents and employees for any and all damages, accidents, casualties, occurrences or claims which might arise or be asserted against the City from the construction, presence, existence or maintenance of the facility or facilities by the Property Owner, or the City. In the event a claim is asserted against the City, its authorized agents or employees, the City shall promptly notify the Property Owner and the Property Owner shall defend at its own expense any suit based on such claim. If any judgment, or claims against the City, its authorized agents, or employees shall be allowed, the Property Owner shall pay for all costs and expenses in connection herewith.

SECTION 11

This Agreement shall be recorded among the deed records of the Clerk of Superior Court, of Cobb County, Georgia, and shall constitute a covenant running with the land and shall be binding on the Property Owner, its administrators, executors, heirs, assigns, and any other successors in interest.

SECTION 12

This Agreement may be enforced by proceedings at law, or in equity by or against the parties hereto and their respective successors in interest.

SECTION 13

Invalidation of any one of the provisions of this Agreement shall in no way effect any other provisions and all other provisions shall remain in full force and effect.

STORMWATER FACILITY MAINTENANCE AGREEMENT

SO AGREED this_____day of_____, 20_____.

Name of Property Owner: _____

Address of Property Owner: _____

By:_____ Attest: _____
Signature Signature of Witness

_____ _____
Typed or Printed Name Typed or Printed Name

Title:_____ Title: _____
(President or Vice President) (Corporate Secretary or Notary)

(CORPORATE OR NOTARY SEAL)

THE CITY OF AUSTELL, GEORGIA

Attest:_____ By: _____
City Clerk Director

(CITY SEAL)

Attachments:

Exhibit A. Plat and Legal Description
Exhibit B. Inspection and Maintenance/Repair Schedule
Exhibit C. Permanent Water Quality BMP and Access Easement Agreement
Exhibit D. Inspections, Operation and Maintenance Requirements of Approved Stormwater Control Structure

Exhibit A. PLAT AND LEGAL DESCRIPTION

Remove this sheet and insert 2 sheets with the following information on them:

Sheet # 1: **EXHIBIT "A1"**
(Insert Project Name)

Plat will be a drawn plat (8.5 x 11 ***or*** 8.5 x 14 size-no larger) of the description(s) given in Exhibit "A2" showing the stormwater facilities and easements in relation to the lots on the final plat.

Sheet # 2: **EXHIBIT "A2"**
(Insert Project Name)

All that tract or parcel of land lying and being in Land Lot(s)_____of the____District of Cobb County, Georgia and being more particularly described as follows:

(Insert legal description of each stormwater facility in relation to the lot(s) where they are located.)

Exhibit B. INSPECTION AND MAINTENANCE/REPAIR SCHEDULE

Remove the table below and insert a description of the inspection and maintenance requirements of the project's stormwater management system per the Georgia Stormwater Management Manual (latest edition) and/or proprietary device approved by the City.

STORMWATER FACILITY	CITY INSPECTION FREQUENCY	OWNER MAINTENANCE FREQUENCY
Wet Pond	Once per Year	Once per Quarter, Year and after a Major Rain Event (>3")
Dry Pond	Once per Year	Once per Quarter, Year and after a Major Rain Event (>3")
Constructed Wetlands	Once per Year	Once per Quarter, Year and after a Major Rain Event (>3")
Filtration Facility	Once per Year	Once per Quarter, Year and after a Major Rain Event (>3")
Enhanced Swales, Grass Channels and Filter Strips	Once per Year	Once per Quarter, Year and after a Major Rain Event (>3")
Other Stormwater Infrastructure (culverts, pipes, drop inlets, outfalls, etc.)	20% per Year	Maintain if > 25% full of debris; Repairs should be done asap and no more than 30 days unless approval by City is obtained

Exhibit C. PERMANENT WATER QUALITY BMP AND ACCESS EASEMENT AGREEMENT THE CITY OF AUSTELL, GEORGIA

THIS EASEMENT granted this_____day of_____, 20_____

between the property owner_____as party of the first part, hereinafter referred to as Grantor, and the City of Austell, Georgia, a political subdivision of the State of Georgia, as party of the second part, hereinafter referred to as Grantee.

WITNESSETH THAT: Grantor, for and in consideration of the sum of ONE DOLLAR ($1.00) in hand paid at and before the sealing and delivery of this easement and in consideration of the agreements and covenants contained in this document and the Maintenance Agreement between Grantor and Grantee, hereby grants unto the Grantee an easement in and to that portion of the property shown on Exhibit "A" to the Maintenance Agreement, as shown and identified on the plat attached hereto as Exhibit "1".

The purpose of this easement is to allow Grantee, or its agents, access for maintenance activities to the Water Quality Best Management Practice (BMP) facility, and to prevent development of the property within the easement following issuance of the Certificate of Occupancy, issued by the Department of Community Development, City of Austell, Georgia, or in the case of a residential subdivision, the approval of the Final Plat, without written permission from Department of Community Development, the City of Austell, Georgia. This easement is required by the provisions of the Maintenance Agreement executed by and between the Grantor and Grantee.

PERMANENT WATER QUALITY BMP AND ACCESS EASEMENT AGREEMENT

SO AGREED this_____day of_____, 20_____.

Name of Property Owner: _____

Address of Property Owner: _____

By:_____ Attest: _____
Signature Signature of Witness

_____ _____
Typed or Printed Name Typed or Printed Name

Title:_____ Title: _____
(President or Vice President) (Corporate Secretary or Notary)

(CORPORATE OR NOTARY SEAL)

THE CITY OF AUSTELL, GEORGIA

Attest:_____ By: _____
City Clerk Director

(CITY SEAL)

Attachments:

See next page.

Exhibit D. INSPECTION, OPERATION AND MAINTENANCE REQUIREMENTS OF APPROVED STORMWATER CONTROL STRUCTURE

(To be provided by the Design Engineer based on the GA Stormwater Management Design Manual (latest edition) or Designers of City-approved Proprietary Device)

AUSTELL PUBLIC WORKS

Stormwater Management Division
5000 Austell-Powder Springs Road • Suite 133 • Austell, Georgia 30106
Office: (770) 944-4325 option 4 • Fax: (770) 944-4335

APPLICATION FEE: $200.00

APPLICATION FOR
CLEARING ___ GRADING PERMIT ___ BOTH___

Please mark one

PLEASE TYPE OR PRINT IN BLACK OR BLUE INK			PERMIT NUMBER (OFFICE USE ONLY)
DATE			
APPLICANT NAME		TELEPHONE NUMBER	
REPRESENTATIVE	TITLE	TELEPHONE NUMBER	
ADDRESS			
SIGNATURE ×		DATE	

PROPERTY OWNER	TELEPHONE NUMBER
ADDRESS	
SIGNATURE ×	DATE

SITE CLEARING TO BE REMOVED BY:

☐ Truck ☐ Dumpster ☐ Other: _____

Disposal Location: _____

Describe Job: _____

_____

TYPE OF PERMIT:	SITE CLEARING VALUATION:
☐ Clearing ☐ Grubbing	Total Square Feet to Be Cleared: _____ Square Feet
APPROXIMATE START DATE OF PROJECT	APPROXIMATE END DATE OF PROJECT

WORK ACTIVITY:
□ New □ Expansion □ Residential □ Commercial

Is the property located in a Flood Zone? Yes No
Zone _____

Are there wetlands on the property? Yes No

Please return application with site plan and specifications of the work activity to perform

Application is hereby made to obtain a clearing permit to do work as indicated. I certify that no work has commenced prior to the issuance of a clearing permit and that all work will be performed to meet the standards of all laws regulating construction in this jurisdiction.

Applicant's Signature: _____ Date:_____

AUSTELL PUBLIC WORKS
5000 Austell Powder Springs Rd. Suite 133
Austell, GA 30106
770-944-4325

Permit number:_____

Company:_____

Location:_____

UTILITY RIGHT-OF-WAY ENCROACHMENT PERMIT APPLICATION

Version February 2024

REQUIREMENTS

Verify Scope of Work is within the City of Austell Right-of-Way. This permit is only applicable to streets and roadways that are classified as City of Austell right-of-way. For utility projects affecting County right-of-way, please contact Cobb County or Douglas County Department of Transportation. Utility projects affecting state right-of-way, contact Georgia Department of Transportation.

Complete the Utility Right-of-Way Permit Application Form. Attached the following as required:

1. Construction drawings, two (2) sets on 11" x 17" and one PDF electronic copy:
2. Copy of the Service Agreement, or other legal instrument that authorizes the utility to use or occupy the right of way for the purpose described in the application.
3. Copy of the Registrants Certificate of Authority from the Georgia Public Service Commission and/or the FCC and any other similar approval, permits, or agreements.
4. Location Sketch from a DOT Map or County GIS (two copies 8 ½" x 11")
5. Traffic Control Plan (as applicable, two copies 8 ½" x 11")

- Payment must be submitted with application. ($200.00)
- Permittee shall restore ROW to the ***same condition or better*** than existed prior to project.
- Permittee shall provide traffic control in accordance with the Manual on Uniform Traffic Control Devices (MUTCD)
- Non-emergency work is not permitted from 7:00 a.m. to 8:30 a.m. and from 4:00 p.m. to 6:00 p.m.
- It is the responsibility of the applicant to familiarize themselves with City Ordinance as it relates to the permitted work.
- A final inspection must be scheduled upon completion for final approval when replacing sidewalks, streets or disturbing any vegetated area in the ROW. Call 678-881-2134, to schedule. Future applications may be delayed if prior work is not inspected and not in same or better condition than prior to project.

Application Review: Applicants will be notified within 15 business days following application submittal of permit approval or denial. Applications determined to be incomplete or that contain information that is determined to not be in conformance with the City Code of Ordinances may requires additional information/submittal(s) until such time the application package is deemed complete and in conformance with the City Code of Ordinances.

Notice of Commencement Required: Applicant/Contractor shall notify the City of Austell Public Works Department by email at lease 48 hours before beginning work.

Complete Scope of Work

Notice of Completion Required: Applicant/Contractor shall notify the City of Austell Public Works Department by email no later than 48 hours after the completion of work.

Austell Public Works

5000 Austell Powder Springs Rd Suite 133
Austell, Georgia 30106
Office: 770-944-4325 Fax: 770-944-4335

APPLICATION FOR RIGHT -OF -WAY UTILITY PERMITTING

APPLICATION FEE $200.00

PERMIT NUMBER (OFFICE USE ONLY)

DATE									

APPLICANT	TITLE	TELEPHONE NUMBER
APPLICANT E-MAIL ADDRESS		
ADDRESS		CITY, STATE, ZIP CODE

24 EMERGENCY CONTACT INFORMATION	
REPRESENTATIVE	TITLE
REPRESENTATIVE E-MAIL ADDRESS	
TELEPHONE NUMBER	ALTERNATE TELEPHONE NUMBER

WORK LOCATION	
LOCATION/ADDRESS	
FROM	
TO	
TOTAL LENGTH FEET:	MILES:
PROPOSED START DATE	PROPOSED END DATE
DESCRIPTION OF WORK	
811 (CALL BEFORE YOU DIG) *TICKET NUMBER:*	

LOCATION

☐ Aerial ☐ Underground ☐ Both (Aerial & Underground) ☐ Ground Level

TYPE OF UTILITY

☐ GAS ☐ WATER ☐ WASTEWATER ☐ POWER ☐ COMMUNICATIONS
☐OTHER _____

WORK ACTIVITY:

☐ New ☐ Maintenance ☐ Expansion ☐ Add Pole ☐ Increase rated capacity or transmitting.

PERMIT MUST BE AVAILABLE ON SITE

Continue next page.

APPLICANT CERTIFICATION

Applicant agree to indemnify and hold harmless the City of Austell and all officers, employees or agents of the City of Austell against any and all claims, damages, demands, actions, causes of action, cost and expenses of whatsoever nature, which may result from any injury to, or the death of any persons, of from the loss of or damage to, property of any kind or nature, when such injury, death, loss or damage arises out of the construction operation, maintenance, repair, removal or relocation of the facilities covered by the permit.

Applicant Signature: _____ Date: _____

*** TO BE COMPLETED BY PUBLIC WORKS DEPARTMENT ***

Permission is granted for the above describe encroachment in accordance with the plans/drawings attached hereto and made a part thereof. This permit is to be strictly construed and no work other than that specifically described above is hereby authorized.

Application received by: _____ Date: _____

Total fee submitted: _____ Check or Credit Card Authorization number: _____

Application reviewed by: _____ Date: _____

Permit is hereby: ☐ APPROVED ☐DENIED ☐Comments ☐Reason for denial: _____

_____

_____

_____

Granted by: _____ Date_____

********AFTER WORK INSPECTION********

Inspection by: _____ Date_____

☐ INSPECTION PASSED ☐ INSPECTION FAILED (Specify): _____

_____

_____

Re-inspection by: _____ Date_____

☐ PASS ☐FAIL

Responsibilities

- ✓ The applicant shall be responsible for properly installing and removing erosion control devices at all areas of shoulder reconstruction work. Erosion control shall be performed by the applicant and shall be to the satisfaction of the director.

- ✓ The applicant shall gras all public right-of-way, City easement or any other City property disturbed by his work and at all areas of shoulder reconstruction. Grassing, water, lime, nitrogen, and fertilizer shall be performed and paid for by applicant. If temporary grassing, (rye or any other annual) is in place it shall be plowed or over seeded using a no-till method. When grassing areas adjacent to residential or commercial lawns, the plant material shall be changed to match the type of grass growing on the adjacent lawn or as directed by the Director. This includes beauty strips.

- ✓ The applicant shall be responsible for obtaining approval for the proposed installation when required by any government or agency on roads or street under their jurisdiction.

- ✓ Will be responsible for obtaining any other county, state, and federal permits necessary for work performed under this permit.

- ✓ The applicant's attention is drawn to the requirements of the Georgia Sedimentation and Erosion Control Act. If the applicant does not strictly adhere to those requirements, the City has the authority to revoke this permit.

- ✓ The City of Austell managers, officers or employees shall **not** be held responsible or liable for injury or damage that may occur to facilities covered by this permit, or to any connection or connections thereto by reasons of City maintenance and construction activities or City contractor or Applicant operations. The city of Austell shall not be held liable for any damage that may occur to utility facilities if the applicant has been notified of a construction conflict and given reasonable time to mark or relocate its facilities but has failed to do so. The facility owner shall be responsible and held liable for injury or damage that may occur to facilities covered by this permit and for interfacing with the Utilities Protection Center (UPC) and all other parties involved.

- ✓ It is the applicant's responsibility to verify the limits of public right-of-way, public roadway, City easement, or any other City property and perform land surveying for location of the utility facilities authorized hereby.

- ✓ No inherent or retained right or privilege of any abutting property owner is affected by this permit nor is City of Austell responsible for any claim which may develop between the Applicant and any property owner concerning the use of the public right -of-way, public roadway, City easement, or any other City property. The applicant is responsible for maintaining reasonable access to private driveways during installation of its facilities and for restoration of driveways to the owner's satisfaction. The applicant will be required to replace any disturbed area with "in kind" materials throughout entire permit areas unless a satisfactory replacement is approved by the Director.

- ✓ Approval of this permit does not constitute approval of design or construction layout and details for the proposed facilities. The applicant is responsible for compliance with all applicable governmental codes and regulations as well as designs and construction layouts that are safe for public use.

- ✓ Bore or excavation require an 811 (call before you dig) number, permit won't be approved without saying number. (N/A can be place if is aerial or ground level)

- ✓ Use of explosives within the public right-of-way, public roadway, city easement, or any other property is prohibited.

- ✓ Prior to the initiation of any work under this permit, the applicant must determine the location of any and all other installations for utilities upon, over or across the right-of-way and shall install, operate and maintain the facilities in such a manner as not to damage or interfere with the operation of its existing facilities.

- ✓ This permit shall be revoked unless work authorized hereunder is completed within ninety (90) days of the date of its approval, unless renewed or extended in writing by the City.

- ✓ The provisions of this permit are regulatory and not contractual. No interest or right of an applicant granted by this permit may be transferred to another except by written consent of the City of Austell.

- ✓ Construction or excavation activity shall be restricted within the public right-of-way, public roadway, City easement, or any other City property, when located within residential areas, except for work performed during the hours of *7:30 a.m. to 4:00 p.m.* construction or excavation activity shall be restricted within the public right-of-way, public roadway, City easement, or any other City property from the hours of *7:00 a.m. to 9:00 am and 4:00p.m. to 7:00 p.m*. that will visually adversely affected traffic or that will be in the traveled way.

- ✓ Applicants must maintain public access to all sidewalks and driveways, except where there is active construction.

- ✓ An applicant must protect street and any tree protection zone, utilities, storm drains, and drainage structures from damage and shall be responsible for any repairs required as a result of any actions, omissions, or negligence.

- ✓ This permit may be revoked at the discretion of the City of Austell upon thirty (30) days written notice to the Permittee.

THE CITY OF Austell GEORGIA

AUSTELL PUBLIC WORKS
5000 Austell Powder Springs Rd. Suite 133
Austell, GA 30106
770-944-4325

INSERT RIGHT-OF-WAY MAPS HERE

AUSTELL PUBLIC WORKS
5000 Austell-Powder Spring Road Suite 133
Austell, Georgia 30106-2427
Office: (770) 944-4325 option 4

HYDRANT FLOW TEST FORM

Instructions:

1. Must be completed by applicant and return to **Jannette Mariani at jannette@austellga.gov**
2. Completed form must be submitted with an attached **8 ½ x 11 maps showing** the site and location of hydrant tested.
3. ***Before performing test, Third-party tester must communicate with City of Austell Public Works (Water) to schedule time and date to perform the test.***
4. ***Hydrants to be tested must be confirmed by an official from the City Water Department or Fire Department.***
5. A check for $200.00 made payable to the City of Austell. (Non-refundable)
6. Construction plans will not be approved without flow test results received by City of Austell Public Works and Fire Department.

**** Need to be completed***

PERMIT NUMBER (**OFFICAL USE ONLY**)								

TO BE COMPLETED BY APPLICANT			
DATE	**PROJECT NAME***		
STREET ADDRESS OR LOCATION OF PROJECT *			
CITY **AUSTELL**		**STATE** **GEORGIA**	**ZIP CODE**
DISTRICT	**LAND LOT**	**DEVELOPER NAME AND ADDRESS***	
CONTACT NAME*	**PHONE NUMBER***	**FAX NUMBER**	
SIGNATURE*			

HYDRANT INFORMATION		
NAME, ADDRESS AND PHONE NUMBER OF THIRD-PARTY TESTER COMPANY*		
DATE TO BE TESTED*	HYDRANT NUMBER (if Available)	TYPE OF DEVELOPMENT*
SIZE AND TYPE OF EXISTING WATER MAIN (if Available)		

AUSTELL PUBLIC WORKS
5000 Austell-Powder Spring Road Suite 133
Austell, Georgia 30106-2427
Office: (770) 944-4325 option 4

TO BE COMPLETED BY CITY OF AUSTELL PUBLIC WORKS DEPARTMENT	
RECEIVED BY (Print Name)	SIGNATURE
Check number	Date
Amount $	

THE CITY OF Austell GEORGIA

Austell Public Works

Stormwater Management Division
5000 Austell-Powder Springs Road • Suite 133 • Austell, Georgia
30106 Office: (770) 944-4325 option 4 • Fax: (770) 944-4335

FLOODPLAIN DEVELOPMENT PERMIT APPLICATION

This is an application packet for a Floodplain Development Permit. Certain sections are to be completed by the Applicant, and certain sections are to be completed by the local Floodplain Administrator.

The National Flood Insurance Program provides flood insurance to individuals at much lower premiums than could otherwise be purchased through private insurers. In order for citizens to be eligible for the national flood insurance rates, the City of Austell is a member of the National Flood Insurance Program and meets and/or exceeds minimum floodplain standards, where applicable. This application packet is a tool to ensure that the minimum standards are met.

Flood insurance policies can be purchased from any local insurance agent at the national rate. Even though the policy may be issued as if it were coming from the insurance company you deal with, it is actually a federal National Flood Insurance Policy printed on the insurance agency's letterhead. The rates are determined by the flood risk zone in which you live and by the elevation of the lowest floor of your home, not by the insurance company, and should be the same regardless of which agent or agency sells you the insurance.

You may buy flood insurance for your own peace of mind, you may be required to buy it before a lending institution will make or refinance a loan, or you may not be buying flood insurance at all. Whatever the case, if the property which you propose to develop is located within a "Special Flood Hazard Area" on a flood map issued by the Federal Emergency Management Agency, you **MUST** obtain a Floodplain Development Permit prior to beginning the project. This is a requirement of the City of Austell Floodplain Management and Prevention Ordinance, and there are penalties for failing to do so.

Floodplain Development Permits are ONLY required for developments in areas designated as "Special Flood Hazard Areas" of FEMA-issued flood maps. Flood maps can be reviewed at our office, or online at the Federal Emergency Management Agency's website (www.FEMA.gov).

If you are proposing a development of any kind (constructing a new building, adding on to an existing building, clearing land, placing fill, grading land, mining, dredging, drilling, etc.) in a floodplain, you **MUST** submit Section I of this application for a Floodplain Development Permit to Austell Public Works. Depending upon the type of development you are proposing, additional forms ***may*** be required. For example, all new buildings in a Special Flood Hazard Area require an Elevation Certificate to document that the lowest floor of the building is elevated to a certain height relative to the anticipated flood crest of the "base flood" event. The Elevation Certificate and other forms are provided in Section III of this application packet, ***but should only be completed if they are required by Austell Public Works for the proposed development***.

Typically, the Applicant completes Section I of this packet and submits the information to Austell Public Works. The Floodplain Management staff reviews the submission and determines whether or not additional information is needed. If it is, the reviewer will request the additional information from the Applicant. Once all required materials have been submitted, the reviewer will make a permitting decision and either issue or deny the requested Floodplain Development Permit. (Denied permits may be appealed per the provisions of the local Floodplain Management and Prevention Ordinance.)

The Applicant should understand that a Floodplain Development Permit is only a permit to complete the proposed development. It is a permit to, for example, build a house, construct a baseball field, install a drainage ditch or septic system or grade a parcel of land. Before the house can actually be occupied, or the developed land used, a Certificate of Compliance must be issued by Austell Public Works. An inspection will be conducted after the project is completed, or perhaps several inspections throughout the progress of the project, to make sure that the development is compliant with the requirements of the Floodplain Management and Prevention Ordinance. Once the Certificate of Compliance has been issued, the process has been completed.

Application does not include Elevation Certificate Form

INSTRUCTIONS FOR COMPLETION

SECTION I

General Information

Self-explanatory. Note the last two items under this heading.

Owner Information

List the contact information for the owner(s) of the property where development is proposed. All owners of the property must sign the application.

Applicant Information

If you are applying for this development permit, but are not the owner of the property, list your contact information here. If you are the property owner, leave this section blank.

Project Information

Check the appropriate box(es) beside the type of development that is being proposed. Note that some types of activity require the estimated cost of the proposed project to be disclosed so the Floodplain Administrator can determine whether or not the improvement is a "substantial improvement."

Signature

Print your name, sign your name, and date the application.

SECTION II

Floodplain Information

The Floodplain Administrator will determine - for the sole purpose of administering the Floodplain Management and Prevention Ordinance - the position of the proposed development relative to floodplains and floodways within the City of Austell. This determination is not binding at any lending institution or with any insurance agency, but is used to determine whether or not a Floodplain Development Permit and/or any other forms are required prior to commencing the proposed project.

Section II requires a map and panel number(s), a listing of the flood source for the proposed development, and contains a checklist of additional documents required for the Floodplain Administrator to make an informed permitting decision.

If any of the additional documentation is required, the Floodplain Administrator will notify the applicant, allow a reasonable length of time for submission of the documents, and then review all submissions to determine whether or not the permit will be issued.

SECTION III

Forms

Templates for forms that may be required are provided in this Section.

SECTION IV

Permit Determination

The Floodplain Administrator will indicate whether or not the proposed development is conformant with the requirements of the Floodplain Management and Prevention Ordinance, and whether or not the requested permit is issued. If the decision is to NOT issue the permit, the Floodplain Administrator will provide an explanation of the deficiencies to the Applicant.

SECTION V

Certificate of Compliance

The Floodplain Administrator will indicate the "as-built" lowest floor elevation for structural developments, list any inspections that have been performed, and issue the Certificate of Compliance to the Applicant if appropriate.

Application does not include Elevation Certificate Form

AUSTELL PUBLIC WORKS
Stormwater Management Division
5000 Austell-Powder Springs Road • Suite 133 • Austell, Georgia 30106
Office: (770) 944-4325 option 4 • Fax: (770) 944-4335

OFFICE USE ONLY
Date Received: _____
File Number: FDP-_____

FLOODPLAIN DEVELOPMENT PERMIT APPLICATION

SECTION I: Applicant and Project Information

GENERAL INFORMATION

1. No work of any kind may begin in a floodplain area designated as A, A1-30, AE, AO, AH, or B until a floodplain development permit is issued.
2. The permit may be revoked if any false statements are made in this application.
3. If revoked, all work must cease until a permit is re-issued.
4. The development may not be used or occupied until a Certificate of Compliance is issued.
5. The permit will expire if no work is commenced within six months of the date of issue.
6. The permit will not be issued until any other necessary local, state or federal permits have been obtained.
7. By signing and submitting this application, the Applicant gives consent to the local Floodplain Administrator or his/her representative to make reasonable inspections prior to the issuance of a Certificate of Compliance.
8. By signing and submitting this application, the Applicant certifies that all statements contained in Section I of the application, and in any additional attachments submitted by the Applicant, are true and accurate.

OWNER INFORMATION

Property Owner(s): _____
Telephone Number: _____
Fax Number: _____

Mailing Address: _____
_____
E-Mail address: _____

Signature(s) of property owner(s) listed above[1]

_____

_____

[1]Attached forms if there are additional property owners. This permit application will not be accepted without the signature of all property owners. The signature is an acknowledgement and consent to this Floodplain Development Permit application.

APPLICANT INFORMATION

Applicant: _____
Telephone Number: _____
Fax Number: _____
Applicant Signature: _____

Notes: _____
_____
_____
_____

SECTION I CONTINUED ON BACK

Application does not include Elevation Certificate Form

AUSTELL PUBLIC WORKS

File Number: FDP-

PROJECT INFORMATION

Project _____

Address _____

_____

Lot _____ Block _____

Subdivision _____

Legal Description Attach to this document

A. Structural development (*Please check all that apply.*)

Type of Structure

- ☐ Residential (1 to 4 families)
- ☐ Residential (More than 4 families)
- ☐ Non-Residential
  - ☐ Elevated
  - ☐ Floodproofed
- ☐ Combined Use (Residential and Non-Residential
- ☐ Manufactured (mobile) Home
  - ☐ Located within a Manufactured Home Park
  - ☐ Located outside a Manufactured Home Park

Type of Structural Activity

- ☐ New Structure
- ☐ Addition to Existing Structure[2]
- ☐ Alteration of Existing Structure[2]
- ☐ Relocation of Existing Structure[2]
- ☐ Demolition of Existing Structure
- ☐ Replacement of Existing Structure

[2]Estimate Cost of Project _____

B. Other Development Activities

- ☐ Excavation (not related to a Structural Development listed in Part A.)
- ☐ Clearing
- ☐ Placement of Fill Material
- ☐ Grading
- ☐ Mining
- ☐ Drilling
- ☐ Dredging
- ☐ Watercourse Alteration
- ☐ Drainage Improvement (including culvert work)
- ☐ Individual Water or Sewer System
- ☐ Roadway or Bridge Construction
- ☐ Other Development Not Listed Above (specify): _____

[2]If the value of an addition or alteration to a Structure equals or exceeds 50% of the value of the structure before the addition or alteration, the entire structure must be treated as a substantially improved structure. A relocated structure must be treated as new construction.

SIGNATURE

I certify that to the best of my knowledge the information contained in this application is true and accurate.

_____ PRINTED NAME

_____ SIGNATURE

_____ DATE

Application does not include Elevation Certificate Form

AUSTELL PUBLIC WORKS

File Number: FDP-

SECTION II: (To be completed by Floodplain Administrator)

FLOOD INFORMATION

1. The proposed development is located on FIRM map panel: _____ (number and suffix)
2. FIRM Date: March 4, 2013
3. The proposed development is located in Zone: _____ (A, A1-30, AE, AO, AH, B, C, D, or X)
4. Is the proposed development located in either of the following zones? A, A1-30, AE, AO, AH, B, or shaded X

   ☐ YES ☐ NO ***If NO, no permit floodplain development is required.***

5. If the proposed development is located in Zone B or shaded Zone X, a floodplain development permit is only required if the Development is a "critical facility" as defined in the Flood Damage Prevention Ordinance.

   Otherwise, no floodplain development permit is required in Zone B or shaded Zone X.

6. If the proposed development is located within either Zone A1-30 or Zone AE, is it also located within a "regulatory floodway"? ☐ YES ☐ NO
7. If YES, a **No Rise Certificate** is necessary before proceeding.
8. If NO, continue.

If the proposed development is located within Zones A, A1-30, AE, AO, AH, <u>B or shaded X (critical facilities only)</u>, apply the criteria of the Floodplain Management and Prevention Ordinance to minimize flood damages to the proposed Development and to adjacent properties as well.

For structures, the provisions of the ordinance specify that the lowest floor, including utilities, be elevated _____ above the base flood elevation. Therefore, it is necessary that the following information be provided:

1. Site Base Flood Elevation: _____ feet above mean sea level (MSL)
2. Vertical datum used in the Flood Insurance Study, on flood maps and in surveys is _____.
3. Source of the base flood elevation (BFE) ☐ FIRM (flood map)

   ☐ Flood Insurance Study Profile Number: _____

   ☐ Other sources of the BFE (specify): _____
4. Proposed lowest floor elevation (including utilities): _____ feet above MSL
   (This elevation must be greater than the BFE. For non-residential structures, floodproofing may be used for protection. See ordinance for details.)

The following documents may be required. ***Check applicable.***

☐ Maps and plans of the development
☐ An **Elevation Certificate**[3] – required for all structures
☐ A **Floodproofing Certificate**[3] – required if floodproofing a non-residential structure
☐ A **No-Rise Certificate**[3] – if the proposed development is in a "regulatory floodway"
☐ An elevation study showing BFEs on developments exceeding 50 lots or 5 acres in Zone A
☐ A copy of **Wetlands Permit** from the U.S. Army Corps of Engineers if required; and other local, state, federal permits. Other permits: _____

[3]**Certificates require completion by a Professional Land Surveyor or Registered Professional Engineer, as indicated.**

Application does not include Elevation Certificate Form

AUSTELL PUBLIC WORKS

File Number: FDP-

SECTION III : (Forms which may be required by the Floodplain Administrator)

ELEVATION CERTIFICATE

Attached. This is required for all projects, per lot.

FLOODPROOFING CERTIFICATE

Attached. Submit only if required to do so by the Floodplain Administrator.

NO-RISE CERTIFICATE

Attached. Submit if only applicable for this project.

Application does not include Elevation Certificate Form

NATIONAL FLOOD INSURANCE PROGRAM
ENGINEERING "NO-RISE" CERTIFICATE

SITE INFORMATION

Community:	City of Austell, Georgia	County:	☐ Cobb ☐ Douglas
		Date:	
Applicant:		Engineer:	
Address:		Address:	
Telephone:		Telephone:	
E-Mail Address:		E-Mail Address:	
Subdivision:		Lot and Block:	
Project Address:		Legal Description:	Attach as separate document

PROJECT INFORMATION

Description of Development: _____

Principal Use of Premises: _____

FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

Map(s) and Panel(s) Affected: _____

Effective Date of Map: March 4, 2013

Base Flood Elevation on FIRM: _____

Name of Flooding Source: _____

CERTIFICATION

This is to certify that I a duly qualified Professional Engineer licensed in the State of Georgia. I further certify that the attached engineering data supports the fact the proposed development would not result in any increase in flood levels within the City of Austell during the occurrence of a base flood event.

CERTIFIERS NAME	LICENSE NUMBER	**SEAL**
COMPANY NAME		
SIGNATURE	DATE	
TITLE		

AUSTELL PUBLIC WORKS
FLOOD DEVELOPMENT PERMIT

OFFICE USE ONLY	
Date Issued:	
File Number:	FDP-

SECTION IV: (To be completed by the Floodplain Administrator)

PERMIT DETERMINATION

I have determined that the proposed development

- ❑ IS
- ❑ IS NOT *(non-conformances to be described in a separate document)*

in conformance with the City of Austel Flood Management and Prevention Ordinance.

The Floodplain Development Permit

- ❑ IS
- ❑ IS NOT *(reasons for denial to be described in a separate document)*

issued, subject to any conditions attached to and made part of this permit.

Floodplain Administrator _____ Date _____

The applicant is reminded that this document is a development permit only. An inspection must be performed and a Compliance Certificate must be issued before the development can be occupied or used.

Application does not include Elevation Certificate Form

OFFICE USE ONLY	
Date Issued:	FDP-
File Number:	

CITY OF AUSTELL
CERTIFICATE OF COMPLIANCE

SECTION V: CERTIFICATE OF COMPLIANCE

"AS-BUILT" ELEVATION (to be completed by the applicant after construction)

The following information must be provided for structures that are part of this application. This section must be completed by a Professional Land Surveyor or a Professional Engineer (or attach a certification to this application).

(1) The Actual ("As-Built") elevation of the top of the lowest floor, including the basement, is _____ Feet above MSL (vertical datum: _____).

(2) The Actual ("As-Built") elevation of floodproofing protection is _____ Feet above MSL (vertical datum: _____)

COMPLIANCE ACTION (to be completed by the Local Floodplain Administrator)

The Floodplain Administrator will complete this section, as applicable, based on inspection of the development to ensure compliance with the Floodplain Management and Prevention Ordinance.

Inspections:	Date: _____	By: _____	Deficiencies?	☐ Yes	☐ No
	Date: _____	By: _____	Deficiencies?	☐ Yes	☐ No
	Date: _____	By: _____	Deficiencies?	☐ Yes	☐ No
	Date: _____	By: _____	Deficiencies?	☐ Yes	☐ No
	Date: _____	By: _____	Deficiencies?	☐ Yes	☐ No

CERTIFICATE OF COMPLIANCE (to be completed by the Local Floodplain Administrator)

Certificate of Compliance issued.

_____ _____
Floodplain Administrator Date

This Certificate of Compliance indicates that structures may now be occupied and non-structural developments may be utilized.

Application does not include Elevation Certificate Form

Effective January 1, 2025

This file includes all three checklists with perspective guidance documents, as well as Appendix 1.

To access the desired checklist and guidance document, go to the bottom of this page and click on the appropriate tab.

Use the arrows on the bottom left hand corner of this page to advance the tabs for the 2025 checklists.

Summary of changes to checklist items based on the 2023 NPDES permits:

Heading: Provide name of the Local Issuing Authority

	Checklist Item	
GAR100001	#2	Clarified "Design Professional" definition
	#3	Changed wording: "Limits of disturbance shall be no greater than 50 acres" to Limits of disturbance shall be less than 50 acres"
	#14	New wording: added "and certify" and "prior to commencing with construction activities as required by Part III.D.2. of the Permit"
	#22	See Appendix 1 Notes below
	#30	Inspections Part IV.D.4.a.(3) has been reworded and added "Post-rain inspections will reset the 7-day inspection frequency requirement."
	#31	Sampling Frequency Part IV.D.6.d.(3).(a) and (b) removed "as defined in this Permit" for Normal Business Hours
	#31	Sampling Frequency Part IV.D.6.d.(3).(c) "Post-Rain" event replaced "Post-storm" event
	#31	Reporting Part IV.E.3 added "delivery receipt email to the appropriate EPD District Office resource mailbox"
	#32	Retention of Records Part IV.F.1.f. Replaced "Part III.D.2." with "Part III.D."
	#35	Clarified that sampling locations are to be shown on all phases of the Plan

	#45	Added "For solar farm projects, solar panels are to be considered impervious areas when determining the calculations and the post-construction impervious area shall be calculated as 70% of the square footage of the solar panels. "
GAR100002	*	Definition #19 added ' "Infrastructure Construction" or "Infrastructure Construction Project" does not include the construction of solar farms.'
	#2	Clarified "Design Professional" definition
	#14	New wording: added "and certify" and "prior to commencing with construction activities as required by Part III.D.2. of the Permit"
	#22	See Appendix 1 Notes below
	#30	Inspections Part IV.D.4.a.(3) has been reworded and added "Post-rain inspections will reset the 14-day inspection frequency requirement."
	#31	Sampling Frequency Part IV.D.6.d.(3).(a) and (b) removed "as defined in this Permit" for Normal Business Hours
	#31	Sampling Frequency Part IV.D.6.d.(3).(c) "Post-Rain" event replaced "Post-storm" event
	#31	Reporting Part IV.E.3 added "delivery receipt email to the appropriate EPD District Office resource mailbox"
	#35	Clarified that sampling locations are to be shown on all phases of the Plan
GAR100003	*	"Blanket NOI" definition and language requiring Secondary Permittee NOI submission were removed
	#2	Clarified "Design Professional" definition
	#3	Changed wording: "Limits of disturbance shall be no greater than 50 acres" to Limits of disturbance shall be less than 50 acres"
	#14	New wording: Added "and certify" and "prior to commencing with construction activities as required by Part III.D.2. of the Permit"

	NEW #22-A	From Part II.B.2: Added language detailing Secondary Permittee's requirements to sign the Secondary Permittee Certification Statement on the Primary's Plan
	NEW #22-B	From Part IV.D.: Added language detailing Secondary Permittee's requirements to sign the Final Stabilization Certification on the Primary's Plan
	#23	See Appendix 1 Notes below
	#31	Inspections Part IV.D.4.a.(2) has added "and provided to the Secondary Permittee, if applicable"
	#31	Inspections Parts IV.D.4.a.(3), b.(3), and c.(3). have been reworded and added "Post-rain inspections will reset the 7-day inspection frequency requirement."
	#31	Inspections Parts IV.D.4.b.(1)., (4)., and (6). have been replaced "Notice of Termination is submitted" with "Final Stabilization Certification is signed"
	#32	Sampling Frequency Part IV.D.6.d.(3).(a) and (b) removed "as defined in this Permit" for Normal Business Hours
	#32	Sampling Frequency Part IV.D.6.d.(3).(c) "Post-Rain" event replaced "Post-storm" event
	#32	Reporting Part IV.E.3 added "delivery receipt email to the appropriate EPD District Office resource mailbox"
	#33	Retention of Records Parts IV.F.1.f., 2.d., and 3.f. Replaced "Part III.D.2." with "Part III.D."
	#33	Retention of Records Part IV.F.2. replaced "NOT is submitted" with "Final Stabilization Certification is signed"
	#33	Retention of Records Part IV.F.2.a. added new wording to replace "all the Notices of Intent submitted to EPD"
	#36	Clarified that sampling locations are to be shown on all phases of the Plan
Appendix 1	e.	"Flocculants or coagulants" was replaced with "Tackifiers"

k.	Combined from former "p." and added "Conduct soil tests representative of conditions at the time of planting to identify and to implement site-specific fertilizer needs and/or"
p.	Removed (which caused lettering sequence to change)

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST
STAND ALONE GUIDANCE CONSTRUCTION PROJECTS GAR100001

SWCD:_____

Project Name:_____ **Address:**_____

Local Issuing Authority:_____ **Date on Plans:**_____

Name & Email of person filling out checklist:_____

Plan Page #	Included Y/N	
		TO BE SHOWN ON ES&PC PLAN
		1 The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted. The completed Checklist must be submitted with the ES&PC Plan or the Plan will not be reviewed. **Permit IV.D.1. pg 27**
		2 Level II certification number issued by the Commission, signature and seal of the certified design professional. Signature, seal and Level II number must be on each sheet pertaining to ES&PC Plan or the Plan will not be reviewed. The Level II certification must be issued to the Design Professional, **after completion of a GSWCC approved course**, and whose signature and seal are on the Plan.
		3 Limits of disturbance shall be **less 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 the GAEPD approval letter and completed Appendix 1 of this checklist with at least 4 of the chosen BMPs. ***** A copy of the written approval by GAEPD must be attached to the Plan for the Plan to be reviewed. **Permit IV.D.3. pg 28**
		4 The name and phone number of the 24-hour contact responsible for erosion, sedimentation and pollution controls. May be shown on cover sheet, ES&PC Plan, or under ES&PC notes. **Permit II.B.1.c. pg 13**
		5 Provide the name, address, email address, and phone number of Primary Permittee. May be shown on cover sheet, ES&PC Plan, or under ES&PC notes. **Permit II.B.1.b. pg 13**
		6 Note total and disturbed acreages of the project or phase under construction. Must be shown on ES&PC Plan or under ES&PC notes. **Permit IV.D.2.d. pg 27**
		7 Provide the GPS location of the construction exit for the site. Give the Latitude and Longitude in decimal degrees. GPS location (decimal degrees) of the construction exit must be shown ES&PC Plan sheets and ES&PC notes. It must match the NOI. **Permit II.B.1.a. pg 13**
		8 Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions. The initial Plan date should be shown on all pages. With each resubmittal, the revision date and entity requesting revisions should be shown on cover sheet and each sheet that has been revised.
		9 Descriptions of the nature of construction activity and existing site conditions. Provide a description of the existing site and a description of the proposed project. These must be shown on the ES&PC Plan or under ES&PC notes. **Permit IV.D.2.a. pg 27**
		10 Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary. Site location must be delineated showing surrounding area roads and highways. If the project is being done in phases, each individual phase must be delineated and labeled. This information is important for Plan Reviewers if a site visit is needed, or if the site needs to be located on another map.
		11 Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected. The name of the initial receiving water(s) or if unnamed, the first named blue line stream indicated on the appropriate USGS Topographic map, and when the discharge is through a municipal separate storm sewer system (MS4), the name of the local government operating the municipal separate storm sewer system and the name of the receiving water(s) which receives the discharge from the MS4, and the Permittee's determination of whether the receiving water(s) supports warm water fisheries or is a trout stream. Describe any neighboring area which could be affected by the post-developed runoff from the site. **Permit IV.D.2.f. pg 28**

12 Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on **Part IV page 20** of the permit.

The following statement and signature of the design professional preparing the Plan must be shown on the ES&PC Plan or under ES&PC notes. "*I certify under penalty of law that this Plan was prepared after a site visit to the locations described herein by myself or my authorized agent, under my supervision .*"

13 Design professional's certification statement and signature that the Permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on **Part IV page 20** of the permit. *

The following statement and the signature of the design professional must be shown on the ES&PC Plan or under ES&PC notes. "*I certify that the Permittee's Erosion, Sedimentation and Pollution Control Plan provides for an appropriate and comprehensive system of Best Management Practices required by the 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 the sampling of the receiving water(s) or the sampling of the storm water outfalls and that the designed system of Best Management Practices and sampling methods is expected to meet the requirements contained in the General NPDES Permit No. GAR100001 .*"

14 Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect **and certify** the installation of the initial sediment storage requirements and perimeter control BMPs within 7 days after installation." *

The Plan must include a statement indicating that the Primary Permittee must retain the design professional who prepared the Plan, except when the Primary Permittee has requested in writing and GAEPD has agreed to an alternate design professional, to inspect **and certify** 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 Primary 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 **prior to commencing with construction activities as required by Part III.D.2 of the Permit** unless weather related site conditions are such that additional time is required. **Permit IV.A.5. pg 26**

15 Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wrested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."

See **Part IV.(i) - (iv). on pages 20-25** of the permit and show under ES&PC notes.

16 Provide a description of any buffer encroachments and indicate whether a buffer variance is required.

When the project requires an approved State Water or Coastal Marshland Interface buffer variance from the GAEPD, an indication shall be shown on the ES&PC Plan. A description of the encroachment activity must be shown on the ES&PC Plan or under ES&PC notes.

17 Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional." *

See **Part IV.C. pg 27** of the permit. This can be clarified in a narrative and shown under ES&PC notes. Revisions or amendments should be submitted to the Local Issuing Authority for review.

18 Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a Section 404 permit." *

The Plan must include a description of how waste materials, including waste building materials, construction and demolition debris, concrete washout, excavated sediment, etc., will be properly disposed of. Any disposal of solid waste to waters of the State is prohibited unless authorized by a Section 404 permit. **Permit IV.D.3.c.(1) pg 31**

19 Clearly note statement that "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."

Must be shown on ES&PC Plan or under ES&PC notes. **Permit III.D.2. pg 18**

20 Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."

Must be shown on ES&PC Plan or under ES&PC notes. **Permit IV.D.3. pg 28**

21 Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."

Must be shown on ES&PC Plan or under ES&PC notes. **Permit IV.D.3.a.(1). pg 28**

22 Any construction activity which discharges storm water into a Biota Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as any portion of a Biota Impaired Stream Segment, must comply with **Part III.C.** of the permit. Include the completed Appendix 1 of this checklist with at least 4 of the chosen BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment. *

If any storm water associated with construction activities discharges into a Biota Impaired Stream Segment that has been listed for the criteria violated, "Bio F" (Impaired Fish Community) and/or "Bio M" (Impaired Macroinvertebrate Community), within Category 4a, 4b or 5, and the potential cause is either "NP" (nonpoint source) or "UR" (urban runoff), the ES&PC Plan must include at least four (4) of the BMPs listed in **Part III.C.2.a.-u.** of the permit. The Biota Impaired Stream Segment(s) should be delineated on the ES&PC Plan. Georgia's most current and subsequent EPA approved "305(b)/303(d) List Documents" can be viewed on the GAEPD website (www.epd.georgia.gov). Biota impaired waters mapping application can be found on the GSWCC website (www.gaswcc.georgia.gov). **Permit III.C.2.a.-u. pg 16-18**

23 If a TMDL Implementation Plan for sediment has been finalized for the Biota Impaired Stream Segment (identified in Item 22 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan. *

List of TMDL Implementation Plans can be viewed on the GAEPD website (www.epd.georgia.gov). The applicable TMDL Implementation Plan for sediment should be delineated on the ES&PC Plan. **Permit III.C.1. pg 16**

24 BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Include statement that washout of the drum at the construction site is prohibited. *

When the project allows the concrete washdown of tools, concrete mixer chutes, hoppers and rear of the vehicles on the project site, delineate the location of the area provided for washing and provide detail of BMPs that will be used. If the project does not allow the concrete washdown on the project site, note that on the Plan. **Permit IV.D.3.c.(6). pg 32**

25 Provide BMPs for the remediation of all petroleum spills and leaks.

The Plan must provide BMPs and guidance for the prevention of spills and leaks of petroleum products from any areas where such products are stored or used as well as guidance for the proper remediation of any spills and leaks that do occur. This information can be in the form of a separate Spill Prevention/Spill Response document so long as that information accompanies the Plan. **Permit III.B. pg 15 and IV.D.3.c.(5). pg 31**

26 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. *

The Plan must contain a 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. These may include storm water detention and retention structures, use of vegetated swales and natural depressions for flow attenuation or a combination of these practices (sequential systems). The Plan must also include a technical explanation of the basis used to select these placed at discharge locations and along the length of any outflow channel in order to provide a non-erosive flow so that the natural physical and biological characteristics and functions of the water course are maintained and protected. The installation of these devices may be subject to Section 404 of the Federal Clean Water Act. Note: The Permittee is only responsible for the installation and maintenance of storm water management devices prior to final stabilization of the site and not the operation and maintenance of such structures after construction activities have been completed. **Permit IV.D.3.b. pg 30**

27 Description of practices to provide cover for building materials and building products on site. *

The Plan must contain a description of measures, such as plastic sheeting or temporary roofs, to cover building materials, building products, construction wastes, trash, landscape materials, fertilizers, pesticides, herbicides, detergents, sanitary waste, and other materials in order to minimize exposure to precipitation and to stormwater. **Permit IV.D.3.c.(2). pg 31**

28 Description of the practices that will be used to reduce the pollutants in storm water discharges. *

The Plan must identify all potential sources of storm water pollution expected to be present on the site and provide a narrative explaining how the pollutants will be minimized in the storm water discharges. **Permit IV. pg 25**

29 Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, grading, infrastructure, temporary and final stabilization).

Activity schedule must be site specific. The narrative description and general timeline for each phase of construction may be shown on ES&PC Plan sheet or under ES&PC notes. **Permit IV.D.2.c. pg 27**

30 Provide complete requirements of Inspections and record keeping by the Primary Permittee. *

The Plan must include all of the *Inspections* with record keeping requirements of the Primary Permittee as stated in **Part IV.D.4.a. on pages 32-33** of the current permit. The complete Inspection and record keeping requirements shall be shown on the Plan under ES&PS notes.

31 Provide complete requirements of Sampling Frequency and Reporting of sampling results. *

See **Part IV.D.6.d. pages 36-37** *Sampling Frequency* and **Part IV.E. page 38** *Reporting* in the current permit. Complete Sampling Frequency and Reporting requirements are to be shown on the Plan under ES&PC notes.

32 Provide complete details for Retention of Records as per **Part IV.F.** of the permit. *

See **Part IV.F. pages 38-39** *Retention of Records* in the current permit. Complete details of Retention of Records are to be shown on the Plan under ES&PC notes.

33 Description of analytical methods to be used to collect and analyze the samples from each location. *

This narrative must be shown on the Plan under ES&PC notes and shall include quality control/assurance procedures and precise sampling methodology for each sampling location. **Permit IV.D.6.a. - c. pg 34-35**

34 Appendix B rationale for NTU values at all outfall sampling points where applicable. *

When the Permittee has determined that some or all outfalls will be monitored, a rationale must be shown on the Plan under ES&PC notes which includes the NTU limit(s) selected from **Appendix B**. This rationale must include the size of the construction site, the calculation of the size of the surface water drainage area, and the type of receiving water(s) (i.e., trout stream or supporting warm water fisheries). **Permit IV.D.6.a.(3). pg 34**

35 Delineate all sampling locations on **all phases of** the Plan, and perennial and intermittent streams and other water bodies into which storm water is discharged. *

The Plan shall include a USGS topographic map, a topographic map or a drawing (referred to as a topographic map) that is a scale equal to or more detailed than a 1:24000 map showing the locations of the site or the stand alone construction. The map must include (a) the location of all perennial and intermittent streams and other water bodies as shown on a USGS topographic map, and all other perennial and intermittent streams and other water bodies located during the mandatory field verification, into which the storm water is discharged and (b) the receiving water and/or outfall sampling locations. When the Permittee has chosen to use a USGS topographic map and the receiving water(s) is not shown on the USGS topographic map, the location of the receiving water(s) must be hand-drawn on the USGS topographic map from where the storm water(s) enters the receiving water(s) to the point where the receiving water(s) combines with the first blue line stream shown on the USGS topographic map. **Sampling points shall be located on applicable pages of the Initial, Intermediate, and Final phases of the ES&PC Plans**. **Permit IV.D.6.a.(1). pg 34 and IV.D.6.c.(1). pg 35.**

36 A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial sediment storage requirements and initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the Plan may combine all BMPs into a single phase plan. *

The Plan must be shown in a minimum of three phases with each phase shown on a separate sheet. Initial phase of the Plan must include the required 67 cy per acre sediment storage, construction exit, tree-save fence, if applicable, and any other BMPs necessary to prevent sediment from leaving the site, such as silt fence, inlet protection on existing storm drain structures, diversions, check dams, temporary ground cover, etc. Limits of disturbance for the initial phase are to be only the areas needed to install initial BMPs. The intermediate phase should show rough grading and utility construction. BMPs should include initial inlet protection, additional silt fence as needed, any revised sediment storage needed as drainage basins are altered, outlet protection, retrofit if applicable, matting with temporary or permanent vegetation as needed, temporary down drains, filter rings, etc. Final phase of Plan should show finished grade, curbing and paving, if applicable, building construction, if applicable, etc. BMPs should include permanent vegetation, appropriate inlet protection, etc. For construction sites where there will be no mass grading and the initial sediment storage requirements and perimeter control BMPs, intermediate grading and drainage BMPs, and the final BMPs are the same, the Plan may combine all BMPs into a single phase Plan. The Plan will include appropriate staging and access requirements for construction equipment. **Permit IV.D.3. pg 28**

37 Graphic scale and North arrow.

The defined graphic scale and North arrow must be clearly shown on all phases of the ES&PC Plan sheets.

38 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 = 100ft or larger scale	Flat 0 - 2% Rolling 2 - 8% Steep 8% +	0.5 or 1 1 or 2 2, 5 or 10

The initial, intermediate, and final phase sheets of the Plan must show the proposed grade in bold contour lines with the above intervals overlaying the original contour lines. Elevations of both the existing and proposed contour lines must be shown.

39 Use of Alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by GAEPD or the Georgia Soil and Water Conservation Commission). Refer to the Alternative BMP Guidance Document found at www.gaswcc.georgia.gov.

Refer to the Alternative BMP Guidance Document and approved Equivalent BMP List found at www.gaswcc.georgia.gov. **Permit IV.D.3.a.(4). pg 30**

40 Use of Alternative BMP for application to the Equivalent BMP List. Refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition. *

Refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition.

41 Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State Waters and any additional buffers as required by the Local Issuing Authority. Clearly note and delineate all areas of impact.

The State Law of Georgia mandates these minimum undisturbed buffers, but the Local Issuing Authorities are allowed to require more stringent buffers of State Waters. The minimum undisturbed buffers required by the State and all other buffers of State Waters required by the Issuing Authority must be delineated. Any undisturbed buffer area that is impacted by the project site must be noted on the Plan. **Permit IV.D.2.f.-g. pg 28**

42 Delineation of all State Waters and wetlands located on or within 200 feet of the project site.

ALL STATE WATERS AND WETLANDS LOCATED ON OR WITHIN 200 FEET OF THE PROJECT SITE MUST BE DELINEATED ON ALL PHASES OF THE PLAN. When a project is located in a jurisdiction with a certified Local Issuing Authority and the LIA must make a determination of State Waters that are not delineated on the Plan, the Plan review could be delayed for beyond the full forty-five day review time allowed to the LIA, or the full thirty-five day review time allowed to the District, if the District is reviewing the Plan. For all projects in a jurisdiction where there is no certified Local Issuing Authority regulating that project, GAEPD is responsible for State waters determinations and there are no time limits for reviewing the Plan. If the Local Issuing Authority requires an undisturbed buffer of wetlands, delineate required buffer.

43 Delineation and acreage of contributing drainage basins on the project site.

All existing drainage basins on the project site and their acreage must be delineated on the existing conditions and/or on the initial phase of the Plan. As the basins are altered or new ones created during intermediate and final phases, the new basins and their acreage must be delineated throughout each phase of the Plan. **Permit IV.D.2.e. pg 28**

44 Provide hydrology study and maps of drainage basins for both the pre- and post-developed conditions. *

Hydrology study and drainage maps should be separate from the Plan. Maps should include each individual basin draining to, through, and from, the project site, with each one delineated, labeled and showing its total acreage. **Permit IV.D.2.e. pg 28**

45 Estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed. **For solar farm projects, post-construction impervious area shall be calculated as 70% of total solar panel square footage.**

The Plan must provide both pre- and post-construction estimates of the runoff coefficient or peak discharge flow for the site. This can be in the form of a hydrologic study so long as that study is made a part of the Plan and accompanies the Plan. A complete hydrologic study is not a required element of the Plan, only the pre and post-construction estimates of the runoff coefficient or peak discharge flow for the site. **For solar farm projects, solar panels are to be considered impervious areas when determining the calculations and the post-construction impervious area shall be calculated as 70% of the square footage of the solar panels. Permit IV.D.2.e. pg 28**

46 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate at all storm water discharge points.

The storm-drain pipe and weir velocities must show the flow characteristics of the pipe at full flow including pipe diameter, flow rate (cfs), velocity (fps), and tailwater conditions. The dimensions of the apron must include length (La), width at the headwall (W1), down-stream width (W2), average stone diameter (d50), and stone depth (D) designed in accordance with **Figures 6-34.1 and 6-34.2** in the Manual. These should be shown in a chart on ES&PC intermediate and/or final phase sheet or ES&PC detail sheet with outlet protection. Velocity dissipation devices shall be placed at all discharge locations and along the length of any outfall channel for the purpose of providing a non-erosive velocity flow from the structure to a water course so that the natural physical and biological functions and characteristics are maintained and protected.

47 Soil series for the project site and their delineation.

Soil series delineations are required for the Plan review and can be found on the NRCS web site. The highest level of soil survey required for the project site, such as a level three or level four survey for projects that will be using septic systems, must be delineated on the Plan. The soil series delineation should be shown on the existing site Plan or the initial phase Plan. A chart listing the soils located on the project should be shown on the sheet with their delineation.

48 The limits of disturbance for each phase of construction.

The limits of disturbance for the initial phase should delineate only the area required to be disturbed for the installation of perimeter control and initial sediment storage. The intermediate phase should delineate the entire area to be disturbed for that phase, such as grading, drainage, utilities installed, etc. The final phase should delineate any additional areas to be disturbed such as individual lots, etc.

49 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, 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 sediment basin is not attainable must be included in the Plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual must be included for structural BMPs and all calculations used by the design professional to obtain the required sediment storage when using equivalent controls. When discharging from sediment basins and impoundments, Permittees are <u>required</u> to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the Plan.

For each common drainage location, a temporary (or Permanent) sediment basin (Sd3, Sd4, Rt, or excavated Sd2) providing at least 67 cubic yards of storage per acre drained, or equivalent control measures, shall be provided until final stabilization of the site. The 67 cubic yards of storage per acre does not apply to flows from off-site areas and flows from on-site areas that are either undisturbed or have undergone final stabilization where such flows are diverted around both the disturbed area and the sediment basin. Sediment basins may not be appropriate for some common drainage locations and a written justification explaining the decision not to use sediment basins must be included in the Plan. Worksheets from the Manual must be completed and shown on the Plan or attached to the Plan for each temporary sediment basin designed for the project. All cross sections and details required per the Manual for Sd3s must be shown on the ES&PC detail section of the Plan. Completed worksheets from the Manual must be shown on the Plan for each retrofit and excavated inlet sediment trap. When the design professional chooses to use equivalent controls, the calculations used to obtain the required 67 cubic yards per acre drained must be included on the Plan. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the Plan. **Permit IV.D.3.a.(3) pg 29**

50 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.

BMPs for all phases of the Plan must be consistent with and no less stringent than the Manual and shown using uniform coding symbols from the Manual. The uniform coding symbols legend from the Manual must be included and may be shown on detail sheet or any of the ES&PC Plan sheets.

51 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.

The erosion and sediment control detail sheet must show a detailed drawing for each structural BMP shown on the Plan. All BMPs and details shown must, at a minimum, meet the guidelines given in the Manual. Note that a worksheet is provided in the Manual for most structural BMPs that must be included on the ES&PC Plan or detail sheet.

52 Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting 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.

Must be shown on ES&PC Plan, on the ES&PC detail sheet, or under ES&PC notes.

*** If using this checklist for a project that is less than 1 acre and not part of a common development but within 200 ft of a perennial stream the * checklist items would be N/A.**

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST
STAND ALONE CONSTRUCTION PROJECTS GAR100001

SWCD:_____

Project Name:_____ **Address:**_____

Local Issuing Authority:_____ **Date on Plans:**_____

Name & Email of person filling out checklist:_____

Plan Page #	Included Y/N		TO BE SHOWN ON ES&PC PLAN
		1	The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted. The completed Checklist must be submitted with the ES&PC Plan or the Plan will not be reviewed. **Permit IV.D.1. pg 27**
		2	Level II certification number issued by the Commission, signature and seal of the certified design professional. Signature, seal and Level II number must be on each sheet pertaining to ES&PC Plan or the Plan will not be reviewed. The Level II certification must be issued to the Design Professional, **after completion of a GSWCC approved course**, and whose signature and seal are on the Plan.
		3	Limits of disturbance shall be **less 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 the GAEPD approval letter and completed Appendix 1 of this checklist with at least 4 of the chosen BMPs. ***** A copy of the written approval by GAEPD must be attached to the Plan for the Plan to be reviewed. **Permit IV.D.3. pg 28**
		4	The name and phone number of the 24-hour contact responsible for erosion, sedimentation and pollution controls.
		5	Provide the name, address, email address, and phone number of Primary Permittee.
		6	Note total and disturbed acreages of the project or phase under construction.
		7	Provide the GPS location of the construction exit for the site. Give the Latitude and Longitude in decimal degrees.
		8	Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.
		9	Descriptions of the nature of construction activity and existing site conditions.
		10	Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.
		11	Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected.
		12	Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on **Part IV page 20** of the permit.
		13	Design professional's certification statement and signature that the Permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on **Part IV page 20** of the permit. *****
		14	Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect **and certify** the installation of the initial sediment storage requirements and perimeter control BMPs within 7 days after installation." *****
		15	Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wrested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."
		16	Provide a description of any buffer encroachments and indicate whether a buffer variance is required.
		17	Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional." *****
		18	Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a Section 404 permit." *****
		19	Clearly note statement that "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."

20 Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."

21 Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."

22 Any construction activity which discharges storm water into a Biota Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as any portion of a Biota Impaired Stream Segment, must comply with **Part III.C.** of the permit. Include the completed Appendix 1 of this checklist with at least 4 of the chosen BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment. *

23 If a TMDL Implementation Plan for sediment has been finalized for the Biota Impaired Stream Segment (identified in Item 22 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan. *

24 BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Include statement that washout of the drum at the construction site is prohibited. *

25 Provide BMPs for the remediation of all petroleum spills and leaks.

26 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. *

27 Description of practices to provide cover for building materials and building products on site. *

28 Description of the practices that will be used to reduce the pollutants in storm water discharges. *

29 Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, grading, infrastructure, temporary and final stabilization).

30 Provide complete requirements of Inspections and record keeping by the Primary Permittee. *

31 Provide complete requirements of Sampling Frequency and Reporting of sampling results. *

32 Provide complete details for Retention of Records as per **Part IV.F.** of the permit. *

33 Description of analytical methods to be used to collect and analyze the samples from each location. *

34 Appendix B rationale for NTU values at all outfall sampling points where applicable. *

35 Delineate all sampling locations on **all phases of** the Plan, and perennial and intermittent streams and other water bodies into which storm water is discharged. *

36 A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial sediment storage requirements and initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the Plan may combine all BMPs into a single phase plan. *

37 Graphic scale and North arrow.

38 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 = 100ft or larger scale	Flat 0 - 2% Rolling 2 - 8% Steep 8% +	0.5 or 1 1 or 2 2, 5 or 10

39 Use of Alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by GAEPD or the Georgia Soil and Water Conservation Commission). Refer to the Alternative BMP Guidance Document found at www.gaswcc.georgia.gov.

40 Use of Alternative BMP for application to the Equivalent BMP List. Refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition. *

41 Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State Waters and any additional buffers as required by the Local Issuing Authority. Clearly note and delineate all areas of impact.

42 Delineation of all State Waters and wetlands located on or within 200 feet of the project site.

43 Delineation and acreage of contributing drainage basins on the project site.

44 Provide hydrology study and maps of drainage basins for both the pre- and post-developed conditions. *

45 Estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed. **For solar farm projects, post-construction impervious area shall be calculated as 70% of total solar panel square footage.**

46 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate at all storm water discharge points.

47 Soil series for the project site and their delineation.

48 The limits of disturbance for each phase of construction.

49 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, 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 sediment basin is not attainable must be included in the Plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual must be included for structural BMPs and all calculations used by the design professional to obtain the required sediment storage when using equivalent controls. When discharging from sediment basins and impoundments, Permittees are required to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the Plan.

50 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.

51 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.

52 Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting 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.

*** If using this checklist for a project that is less than 1 acre and not part of a common development but within 200 ft of a perennial stream, the * checklist items would be N/A.**

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST
INFRASTRUCTURE GUIDANCE CONSTRUCTION PROJECTS GAR100002

SWCD:_____

Project Name:_____ **Address:**_____

Local Issuing Authority:_____ **Date on Plans:**_____

Name & Email of person filling out checklist:_____

Plan Page #	Included Y/N	
		TO BE SHOWN ON ES&PC PLAN
		1 The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted. The completed Checklist must be submitted with the ES&PC Plan or the Plan will not be reviewed. **Permit IV.D.1. pg 28**
		2 Level II certification number issued by the Commission, signature and seal of the certified design professional. Signature, seal and Level II number must be on each sheet pertaining to ES&PC Plan or the Plan will not be reviewed. The Level II certification must be issued to the Design Professional, **after completion of a GSWCC approved course**, and whose signature and seal are on the Plan.
		3 The name and phone number of the 24-hour contact responsible for erosion, sedimentation and pollution controls. May be shown on cover sheet, ES&PC Plan, or under ES&PC notes. **Permit II.B.1.c. pg 14**
		4 Provide the name, address, email address, and phone number of Primary Permittee. May be shown on cover sheet, ES&PC Plan, or under ES&PC notes. **Permit II.B.1.b. pg 14**
		5 Note total and disturbed acreages of the project or phase under construction. Must be shown on ES&PC Plan or under ES&PC notes. **Permit IV.D.2.d. pg 28**
		6 Provide the GPS locations of the beginning and end of the infrastructure project. Give the Latitudes and Longitudes in decimal degrees. GPS locations (decimal degrees) of the beginning and end of the infrastructure project must be shown ES&PC Plan sheets and ES&PC notes. It must match the NOI. **Permit II.B.1.a. pg 14**
		7 Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions. The initial Plan date should be shown on all pages. With each resubmittal, the revision date and entity requesting revisions should be shown on cover sheet and each sheet that has been revised.
		8 Descriptions of the nature of construction activity and existing site conditions. Provide a description of the existing site and a description of the proposed project. These must be shown on the ES&PC Plan or under ES&PC notes. **Permit IV.D.2.a. pg 28**
		9 Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary. Site location must be delineated showing surrounding area roads and highways. If the project is being done in phases, each individual phase must be delineated and labeled. This information is important for Plan Reviewers if a site visit is needed, or if the site needs to be located on another map.
		10 Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected. The name of the initial receiving water(s) or if unnamed, the first named blue line stream indicated on the appropriate USGS Topographic map, and when the discharge is through a municipal separate storm sewer system (MS4), the name of the local government operating the municipal separate storm sewer system and the name of the receiving water(s) which receives the discharge from the MS4, and the Permittee's determination of whether the receiving water(s) supports warm water fisheries or is a trout stream. Describe any neighboring area which could be affected by the post-developed runoff from the site. **Permit IV.D.2.g. pg 28**
		11 Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on **Part IV page 21** of the permit. The following statement and signature of the design professional preparing the Plan must be shown on the ES&PC Plan or under ES&PC notes. "*I certify under penalty of law that this Plan was prepared after a site visit to the locations described herein by myself or my authorized agent, under my supervision* ."

12 Design professional's certification statement and signature that the Permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on **Part IV page 21** of the permit. *

The following statement and the signature of the design professional must be shown on the ES&PC Plan or under ES&PC notes. "*I certify that the Permittee's Erosion, Sedimentation and Pollution Control Plan provides for an appropriate and comprehensive system of Best Management Practices required by the 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 the sampling of the receiving water(s) or the sampling of the storm water outfalls and that the designed system of Best Management Practices and sampling methods is expected to meet the requirements contained in the General NPDES Permit No. GAR100002.* "

13 Design professional certification statement and signature that the Permittee's ES&PC Plan provides for representative sampling as stated on **Part IV.D.6.c.(3). page 37** of the permit as applicable. *

The following statement and the signature of the design professional must be shown on the ES&PC Plan or under ES&PC notes. *"I certify that the Permittee's Erosion, Sedimentation and Pollution Control Plan provides for the monitoring of: (a) all perennial and intermittent streams and other water bodies shown on the USGS topographic map and all other field verified perennial and intermittent steams and other water bodies, or (b) where any such specific identified perennial or intermittent stream and other water body is not proposed to be sampled, I have determined in my professional judgment, utilizing the factors required in the General NPDES Permit No. GAR100002, that the increase in the turbidity of each specific identified sampled receiving water will be representative of the increase in the turbidity of a specific identified un-sampled receiving water."*

14 Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect **and certify** the installation of the initial sediment storage requirements and perimeter control BMPs within 7 days after installation." *

The Plan must include a statement indicating that the Primary Permittee must retain the design professional who prepared the Plan, or an alternative professional approved by GAEPD in writing, to inspect **and certify** the installation of the initial sediment storage requirements and perimeter control BMPs within (7) days after installation. Alternatively, for linear infrastructure projects, the Primary Permittee must retain the design professional who prepared the Plan, or alternative design professional approved by GAEPD in writing to inspect **and certify** (a) the installation of sediment storage requirements and perimeter control BMPs for the "initial segment" of the linear infrastructure project and (b) all sediment basins within the entire linear infrastructure project within (7) days after the installation. For the purposes of the specific requirements in Part IV.A.5., the disturbed acreage of the "initial segment" of a linear infrastructure project must be equal to or greater than 10% of the total estimated disturbed acreage for the linear infrastructure project but not less than one (1) acre. 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 Primary Permittee within (7) days and the permittee must correct all deficiencies within (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. **Permit IV.A.5. pg 26**

15 Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wrested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."

See **Part IV.(i) - (iv). on pages 21-25** of the permit and show under ES&PC notes.

16 Provide a description of any buffer encroachments and indicate whether a buffer variance is required.

When the project requires an approved State Water or Coastal Marshland Interface buffer variance from the GAEPD, an indication shall be shown on the ES&PC Plan. A description of the encroachment activity must be shown on the ES&PC Plan or under ES&PC notes.

17 Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional." *

See **Part IV.C. pg 27** of the permit. This can be clarified in a narrative and shown under ES&PC notes. Revisions or amendments should be submitted to the Local Issuing Authority for review.

18 Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a Section 404 permit." *

The Plan must include a description of how waste materials, including waste building materials, construction and demolition debris, concrete washout, excavated sediment, etc., will be properly disposed of. Any disposal of solid waste to waters of the State is prohibited unless authorized by a Section 404 permit. **Permit IV.D.3.c.(1) pg 31**

19 Clearly note statement that "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."

Must be shown on ES&PC Plan or under ES&PC notes. **Permit III.D.2. pg 19**

20 Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."

Must be shown on ES&PC Plan or under ES&PC notes. **Permit IV.D.3. pg 29**

21 Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."

Must be shown on ES&PC Plan or under ES&PC notes. **Permit IV.D.3.a.(1). pg 29**

22 Any construction activity which discharges storm water into a Biota Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as any portion of a Biota Impaired Stream Segment, must comply with **Part III.C.** of the permit. Include the completed Appendix 1 of this checklist with at least 4 of the chosen BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment. *

If any storm water associated with construction activities discharges into a Biota Impaired Stream Segment that has been listed for the criteria violated, "Bio F" (Impaired Fish Community) and/or "Bio M" (Impaired Macroinvertebrate Community), within Category 4a, 4b or 5, and the potential cause is either "NP" (nonpoint source) or "UR" (urban runoff), the ES&PC Plan must include at least four (4) of the BMPs listed in **Part III.C.2.a.-u.** of the permit. The Biota Impaired Stream Segment(s) should be delineated on the ES&PC Plan. Georgia's most current and subsequent EPA approved "305(b)/303(d) List Documents" can be viewed on the GAEPD website (www.epd.georgia.gov). Biota impaired waters mapping application can be found on the GSWCC website (www.gaswcc.georgia.gov). **Permit III.C.2.a.-u. pg 17-19**

23 If a TMDL Implementation Plan for sediment has been finalized for the Biota Impaired Stream Segment (identified in Item 22 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan. *

List of TMDL Implementation Plans can be viewed on the GAEPD website (www.epd.georgia.gov). The applicable TMDL Implementation Plan for sediment should be delineated on the ES&PC Plan. **Permit III.C.1. pg 17**

24 BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Include statement that washout of the drum at the construction site is prohibited. *

When the project allows the concrete washdown of tools, concrete mixer chutes, hoppers and rear of the vehicles on the project site, delineate the location of the area provided for washing and provide detail of BMPs that will be used. If the project does not allow the concrete washdown on the project site, note that on the Plan. **Permit IV.D.3.c.(6). pg 32**

25 Provide BMPs for the remediation of all petroleum spills and leaks.

The Plan must provide BMPs and guidance for the prevention of spills and leaks of petroleum products from any areas where such products are stored or used as well as guidance for the proper remediation of any spills and leaks that do occur. This information can be in the form of a separate Spill Prevention/Spill Response document so long as that information accompanies the Plan. **Permit III.B. pg 16 and IV.D.3.c.(5). pg 32**

26 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. *

The Plan must contain a 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. These may include storm water detention and retention structures, use of vegetated swales and natural depressions for flow attenuation or a combination of these practices (sequential systems). The Plan must also include a technical explanation of the basis used to select these placed at discharge locations and along the length of any outflow channel in order to provide a non-erosive flow so that the natural physical and biological characteristics and functions of the water course are maintained and protected. The installation of these devices may be subject to Section 404 of the Federal Clean Water Act. Note: The Permittee is only responsible for the installation and maintenance of storm water management devices prior to final stabilization of the site and not the operation and maintenance of such structures after construction activities have been completed. **Permit IV.D.3.b. pg 30**

27 Description of practices to provide cover for building materials and building products on site. *

The Plan must contain a description of measures, such as plastic sheeting or temporary roofs, to cover building materials, building products, construction wastes, trash, landscape materials, fertilizers, pesticides, herbicides, detergents, sanitary waste, and other materials in order to minimize exposure to precipitation and to stormwater. **Permit IV.D.3.c.(2). pg 31**

28 Description of the practices that will be used to reduce the pollutants in storm water discharges. *

The Plan must identify all potential sources of storm water pollution expected to be present on the site and provide a narrative explaining how the pollutants will be minimized in the storm water discharges. **Permit IV. pg 25**

29 Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, grading, infrastructure, temporary and final stabilization).

Activity schedule must be site specific. The narrative description and general timeline for each phase of construction may be shown on ES&PC Plan sheet or under ES&PC notes. **Permit IV.D.2.c. pg 28**

30 Provide complete requirements of Inspections and record keeping by the Primary Permittee. *

The Plan must include all of the *Inspections* with record keeping requirements of the Primary Permittee as stated in **Part IV.D.4.a. on pages 32-34** of the current permit. The complete Inspection and record keeping requirements shall be shown on the Plan under ES&PS notes.

31 Provide complete requirements of Sampling Frequency and Reporting of sampling results. *

See **Part IV.D.6.d. pages 38-39** *Sampling Frequency* and **Part IV.E. page 40** *Reporting* in the current permit. Complete Sampling Frequency and Reporting requirements are to be shown on the Plan under ES&PC notes.

32 Provide complete details for Retention of Records as per **Part IV.F.** of the permit. *

See **Part IV.F. pages 40-41** *Retention of Records* in the current permit. Complete details of Retention of Records are to be shown on the Plan under ES&PC notes.

33 Description of analytical methods to be used to collect and analyze the samples from each location. *

This narrative must be shown on the Plan under ES&PC notes and shall include quality control/assurance procedures and precise sampling methodology for each sampling location. **Permit IV.D.6.a. - c. pg 34-35**

34 Appendix B rationale for NTU values at all outfall sampling points where applicable. *

When the Permittee has determined that some or all outfalls will be monitored, a rationale must be shown on the Plan under ES&PC notes which includes the NTU limit(s) selected from **Appendix B**. This rationale must include the size of the construction site, the calculation of the size of the surface water drainage area, and the type of receiving water(s) (i.e., trout stream or supporting warm water fisheries). **Permit IV.D.6.a.(3). pg 34**

35 Delineate all sampling locations **on all phases of the Plan**, and perennial and intermittent streams and other water bodies into which storm water is discharged. *

The Plan shall include a USGS topographic map, a topographic map or a drawing (referred to as a topographic map) that is a scale equal to or more detailed than a 1:24000 map showing the locations of the site or the Infrastructure construction. The map must include (a) the location of all perennial and intermittent streams and other water bodies as shown on a USGS topographic map, and all other perennial and intermittent streams and other water bodies located during the mandatory field verification, into which the storm water is discharged and (b) the receiving water and/or outfall sampling locations. When the Permittee has chosen to use a USGS topographic map and the receiving water(s) is not shown on the USGS topographic map, the location of the receiving water(s) must be hand-drawn on the USGS topographic map from where the storm water(s) enters the receiving water(s) to the point where the receiving water(s) combines with the first blue line stream shown on the USGS topographic map. **Sampling points shall be located on applicable pages of the Initial, Intermediate, and Final phases of the ES&PC Plans. Permit IV.D.6.a.(1). pg 34 and IV.D.6.c.(1). pg 35.**

36 A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial sediment storage requirements and initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the Plan may combine all BMPs into a single phase plan. *

The Plan must be shown in a minimum of three phases with each phase shown on a separate sheet. Initial phase of the Plan must include the required 67 cy per acre sediment storage, construction exit, tree-save fence, if applicable, and any other BMPs necessary to prevent sediment from leaving the site, such as silt fence, inlet protection on existing storm drain structures, diversions, check dams, temporary ground cover, etc. Limits of disturbance for the initial phase are to be only the areas needed to install initial BMPs. The intermediate phase should show rough grading and utility construction. BMPs should include initial inlet protection, additional silt fence as needed, any revised sediment storage needed as drainage basins are altered, outlet protection, retrofit if applicable, matting with temporary or permanent vegetation as needed, temporary down drains, filter rings, etc. Final phase of Plan should show finished grade, curbing and paving, if applicable, building construction, if applicable, etc. BMPs should include permanent vegetation, appropriate inlet protection, etc. For construction sites where there will be no mass grading and the initial sediment storage requirements and perimeter control BMPs, intermediate grading and drainage BMPs, and the final BMPs are the same, the Plan may combine all BMPs into a single phase Plan. The Plan will include appropriate staging and access requirements for construction equipment. **Permit IV.D.3. pg 29**

37 Graphic scale and North arrow.

The defined graphic scale and North arrow must be clearly shown on all phases of the ES&PC Plan sheets.

38 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following:

Existing Contours	USGS 1": 2000' Topographical Sheets
Proposed Contours	1" : 400' Centerline Profile

The initial, intermediate, and final phase sheets of the Plan must show the proposed grade in bold contour lines with the above intervals overlaying the original contour lines. Elevations of both the existing and proposed contour lines must be shown.

39 Use of Alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by GAEPD or the Georgia Soil and Water Conservation Commission). Refer to the Alternative BMP Guidance Document found at www.gaswcc.georgia.gov.

Refer to the Alternative BMP Guidance Document and approved Equivalent BMP List found at www.gaswcc.georgia.gov. **Permit IV.D.3.a.(4). pg 30**

40 Use of Alternative BMP for application to the Equivalent BMP List. Refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition. *

Refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition.

41 Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State Waters and any additional buffers as required by the Local Issuing Authority. Clearly note and delineate all areas of impact.

The State Law of Georgia mandates these minimum undisturbed buffers, but the Local Issuing Authorities are allowed to require more stringent buffers of State Waters. The minimum undisturbed buffers required by the State and all other buffers of State Waters required by the Issuing Authority must be delineated. Any undisturbed buffer area that is impacted by the project site must be noted on the Plan. **Permit IV.D.2.f.-g. pg 28**

42 Delineation of all State Waters and wetlands located on or within 200 feet of the project site.

ALL STATE WATERS AND WETLANDS LOCATED ON OR WITHIN 200 FEET OF THE PROJECT SITE MUST BE DELINEATED ON ALL PHASES OF THE PLAN. When a project is located in a jurisdiction with a certified Local Issuing Authority and the LIA must make a determination of State Waters that are not delineated on the Plan, the Plan review could be delayed for beyond the full forty-five day review time allowed to the LIA, or the full thirty-five day review time allowed to the District, if the District is reviewing the Plan. For all projects in a jurisdiction where there is no certified Local Issuing Authority regulating that project, GAEPD is responsible for State waters determinations and there are no time limits for reviewing the Plan. If the Local Issuing Authority requires an undisturbed buffer of wetlands, delineate required buffer.

43 Delineation and acreage of contributing drainage basins on the project site.

All existing drainage basins on the project site and their acreage must be delineated on the existing conditions and/or on the initial phase of the Plan. As the basins are altered or new ones created during intermediate and final phases, the new basins and their acreage must be delineated throughout each phase of the Plan. **Permit IV.D.2.e. pg 28**

44 Delineate on-site drainage and off-site watersheds using USGS 1" :2000' topographical sheets.

Hydrology study and drainage maps should be separate from the Plan. Maps should include each individual basin draining to, through and from the project site, with each one delineated, labeled and showing its total acreage.

45 Estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.

The Plan must provide both pre- and post-construction estimates of the runoff coefficient or peak discharge flow for the site. This can be in the form of a hydrologic study so long as that study is made a part of the Plan and accompanies the Plan. A complete hydrologic study is not a required element of the Plan, only the pre and post-construction estimates of the run-off coefficient or peak discharge flow for the site. **Permit IV.D.2.e pg 28**

46 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate at all storm water discharge points.

The storm-drain pipe and weir velocities must show the flow characteristics of the pipe at full flow including pipe diameter, flow rate (cfs), velocity (fps), and tailwater conditions. The dimensions of the apron must include length (La), width at the headwall (W1), down-stream width (W2), average stone diameter (d50), and stone depth (D) designed in accordance with **Figures 6-34.1 and 6-34.2** in the Manual. These should be shown in a chart on ES&PC intermediate and/or final phase sheet or ES&PC detail sheet with outlet protection. Velocity dissipation devices shall be placed at all discharge locations and along the length of any outfall channel for the purpose of providing a non-erosive velocity flow from the structure to a water course so that the natural physical and biological functions and characteristics are maintained and protected.

47 Soil series for the project site and their delineation.

Soil series delineations are required for the Plan review and can be found on the NRCS web site. The highest level of soil survey required for the project site, such as a level three or level four survey for projects that will be using septic systems, must be delineated on the Plan. The soil series delineation should be shown on the existing site Plan or the initial phase Plan. A chart listing the soils located on the project should be shown on the sheet with their delineation.

48 The limits of disturbance for each phase of construction.

The limits of disturbance for the initial phase should delineate only the area required to be disturbed for the installation of perimeter control and initial sediment storage. The intermediate phase should delineate the entire area to be disturbed for that phase, such as grading, drainage, utilities installed, etc. The final phase should delineate any additional areas to be disturbed such as individual lots, etc.

49 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, 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 sediment basin is not attainable must be included in the Plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual must be included for structural BMPs and all calculations used by the design professional to obtain the required sediment storage when using equivalent controls. When discharging from sediment basins and impoundments, Permittees are required to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the Plan.

For each common drainage location, a temporary (or Permanent) sediment basin (Sd3, Sd4, Rt, or excavated Sd2) providing at least 67 cubic yards of storage per acre drained, or equivalent control measures, shall be provided until final stabilization of the site. The 67 cubic yards of storage per acre does not apply to flows from off-site areas and flows from on-site areas that are either undisturbed or have undergone final stabilization where such flows are diverted around both the disturbed area and the sediment basin. Sediment basins may not be appropriate for some common drainage locations and a written justification explaining the decision not to use sediment basins must be included in the Plan. Worksheets from the Manual must be completed and shown on the Plan or attached to the Plan for each temporary sediment basin designed for the project. All cross sections and details required per the Manual for Sd3s must be shown on the ES&PC detail section of the Plan. Completed worksheets from the Manual must be shown on the Plan for each retrofit and excavated inlet sediment trap. When the design professional chooses to use equivalent controls, the calculations used to obtain the required 67 cubic yards per acre drained must be included on the Plan. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the Plan. **Permit IV.D.3.a.(3). pg 30**

50 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.

BMPs for all phases of the Plan must be consistent with and no less stringent than the Manual and shown using uniform coding symbols from the Manual. The uniform coding symbols legend from the Manual must be included and may be shown on detail sheet or any of the ES&PC Plan sheets.

51 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.

The erosion and sediment control detail sheet must show a detailed drawing for each structural BMP shown on the Plan. All BMPs and details shown must, at a minimum, meet the guidelines given in the Manual. Note that a worksheet is provided in the Manual for most structural BMPs that must be included on the ES&PC Plan or detail sheet.

52 Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting 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.

Must be shown on ES&PC Plan, on the ES&PC detail sheet, or under ES&PC notes.

* **If using this checklist for a project that is less than 1 acre and not part of a common development but within 200 ft of a perennial stream the * checklist items would be N/A.**

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST
INFRASTRUCTURE CONSTRUCTION PROJECTS GAR100002

SWCD:_____

Project Name:_____ **Address:**_____

Local Issuing Authority:_____ **Date on Plans:**_____

Name & Email of person filling out checklist:_____

Plan Page #	Included Y/N		TO BE SHOWN ON ES&PC PLAN
		1	The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted. The completed Checklist must be submitted with the ES&PC Plan or the Plan will not be reviewed. **Permit IV.D.1. pg 28**
		2	Level II certification number issued by the Commission, signature and seal of the certified design professional. Signature, seal and Level II number must be on each sheet pertaining to ES&PC Plan or the Plan will not be reviewed. The Level II certification must be issued to the Design Professional, **after completion of a GSWCC approved course**, and whose signature and seal are on the Plan.
		3	The name and phone number of the 24-hour contact responsible for erosion, sedimentation and pollution controls.
		4	Provide the name, address, email address, and phone number of Primary Permittee.
		5	Note total and disturbed acreages of the project or phase under construction.
		6	Provide the GPS locations of the beginning and end of the infrastructure project. Give the Latitudes and Longitudes in decimal degrees.
		7	Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.
		8	Descriptions of the nature of construction activity and existing site conditions.
		9	Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.
		10	Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected.
		11	Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on **Part IV page 21** of the permit.
		12	Design professional's certification statement and signature that the Permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on **Part IV page 21** of the permit. *
		13	Design professional certification statement and signature that the Permittee's ES&PC Plan provides for representative sampling as stated on **Part IV.D.6.c.(3). page 37** of the permit as applicable. *
		14	Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect **and certify** the installation of the initial sediment storage requirements and perimeter control BMPs within 7 days after installation." *
		15	Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wrested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."
		16	Provide a description of any buffer encroachments and indicate whether a buffer variance is required.
		17	Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional." *
		18	Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a Section 404 permit." *

19 Clearly note statement that "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."

20 Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."

21 Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."

22 Any construction activity which discharges storm water into a Biota Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as any portion of a Biota Impaired Stream Segment, must comply with **Part III.C.** of the permit. Include the completed Appendix 1 of this checklist with at least 4 of the chosen BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment. *

23 If a TMDL Implementation Plan for sediment has been finalized for the Biota Impaired Stream Segment (identified in Item 22 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan. *

24 BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Include statement that washout of the drum at the construction site is prohibited. *

25 Provide BMPs for the remediation of all petroleum spills and leaks.

26 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. *

27 Description of practices to provide cover for building materials and building products on site. *

28 Description of the practices that will be used to reduce the pollutants in storm water discharges. *

29 Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, grading, infrastructure, temporary and final stabilization).

30 Provide complete requirements of Inspections and record keeping by the Primary Permittee. *

31 Provide complete requirements of Sampling Frequency and Reporting of sampling results. *

32 Provide complete details for Retention of Records as per **Part IV.F.** of the permit. *

33 Description of analytical methods to be used to collect and analyze the samples from each location. *

34 Appendix B rationale for NTU values at all outfall sampling points where applicable. *

35 Delineate all sampling locations **on all phases of the Plan**, and perennial and intermittent streams and other water bodies into which storm water is discharged. *

36 A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial sediment storage requirements and initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the Plan may combine all BMPs into a single phase plan. *

37 Graphic scale and North arrow.

38 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following:

Existing Contours	USGS 1": 2000' Topographical Sheets
Proposed Contours	1" : 400' Centerline Profile

39 Use of Alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by GAEPD or the Georgia Soil and Water Conservation Commission). Refer to the Alternative BMP Guidance Document found at www.gaswcc.georgia.gov.

40 Use of Alternative BMP for application to the Equivalent BMP List. Refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition. *****

41 Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State Waters and any additional buffers as required by the Local Issuing Authority. Clearly note and delineate all areas of impact.

42 Delineation of all State Waters and wetlands located on or within 200 feet of the project site.

43 Delineation and acreage of contributing drainage basins on the project site.

44 Delineate on-site drainage and off-site watersheds using USGS 1" :2000' topographical sheets.

45 Estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.

46 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate at all storm water discharge points.

47 Soil series for the project site and their delineation.

48 The limits of disturbance for each phase of construction.

49 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, 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 sediment basin is not attainable must be included in the Plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual must be included for structural BMPs and all calculations used by the design professional to obtain the required sediment storage when using equivalent controls. When discharging from sediment basins and impoundments, Permittees are required to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the Plan.

50 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.

51 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.

52 Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting 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.

*** If using this checklist for a project that is less than 1 acre and not part of a common development but within 200 ft of a perennial stream the * checklist items would be N/A.**

Effective January 1, 2025

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST
COMMON DEVELOPMENT GUIDANCE CONSTRUCTION PROJECTS (Primary and Tertiary Permittees) GAR100003

SWCD:_____

Project Name:_____ **Address:**_____
Local Issuing Authority:_____ **Date on Plans:**_____
Name & Email of person filling out checklist:_____

Plan Page #	Included Y/N		
			TO BE SHOWN ON ES&PC PLAN
		1	The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted. The completed Checklist must be submitted with the ES&PC Plan or the Plan will not be reviewed. **Permit IV.D.1. pg 28**
		2	Level II certification number issued by the Commission, signature and seal of the certified design professional. Signature, seal and Level II number must be on each sheet pertaining to ES&PC Plan or the Plan will not be reviewed. The Level II certification must be issued to the Design Professional, **after completion of a GSWCC approved course**, and whose signature and seal are on the Plan.
		3	Limits of disturbance shall be **less 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 the GAEPD approval letter and completed Appendix 1 of this checklist with at least 4 of the chosen BMPs. ***** A copy of the written approval by GAEPD must be attached to the Plan for the Plan to be reviewed. **Permit IV.D.3. pg 30**
		4	The name and phone number of the 24-hour contact responsible for erosion, sedimentation and pollution controls. May be shown on cover sheet, ES&PC Plan, or under ES&PC notes. **Permit II.B.1.c. pg 13**
		5	Provide the name, address, email address, and phone number of Primary Permittee or Tertiary Permittee. May be shown on cover sheet, ES&PC Plan, or under ES&PC notes. **Permit II.B.1.b. pg 12**
		6	Note total and disturbed acreages of the project or phase under construction. Must be shown on ES&PC Plan or under ES&PC notes. **Permit IV.D.2.d. pg 29**
		7	Provide the GPS location of the construction exit for the site. Give the Latitude and Longitude in decimal degrees. GPS location (decimal degrees) of the construction exit must be shown ES&PC Plan sheets and ES&PC notes. It must match the NOI. **Permit II.B.1.a. pg 12**
		8	Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions. The initial Plan date should be shown on all pages. With each resubmittal, the revision date and entity requesting revisions should be shown on cover sheet and each sheet that has been revised.
		9	Descriptions of the nature of construction activity and existing site conditions. Provide a description of the existing site and a description of the proposed project. These must be shown on the ES&PC Plan or under ES&PC notes. **Permit IV.D.2.a. pg 29**
		10	Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary. Site location must be delineated showing surrounding area roads and highways. If the project is being done in phases, each individual phase must be delineated and labeled. This information is important for Plan Reviewers if a site visit is needed, or if the site needs to be located on another map.
		11	Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected. The name of the initial receiving water(s) or if unnamed, the first named blue line stream indicated on the appropriate USGS Topographic map, and when the discharge is through a municipal separate storm sewer system (MS4), the name of the local government operating the municipal separate storm sewer system and the name of the receiving water(s) which receives the discharge from the MS4, and the Permittee's determination of whether the receiving water(s) supports warm water fisheries or is a trout stream. Describe any neighboring area which could be affected by the post-developed runoff from the site. **Permit IV.D.2.g. pg 29**

12 Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on **Part IV page 22** of the permit.

The following statement and signature of the design professional preparing the Plan must be shown on the ES&PC Plan or under ES&PC notes. "*I certify under penalty of law that this Plan was prepared after a site visit to the locations described herein by myself or my authorized agent, under my supervision* ."

13 Design professional's certification statement and signature that the Permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on **Part IV page 22** of the permit.

The following statement and the signature of the design professional must be shown on the ES&PC Plan or under ES&PC notes. "*I certify that the Permittee's Erosion, Sedimentation and Pollution Control Plan provides for an appropriate and comprehensive system of Best Management Practices required by the 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 the sampling of the receiving water(s) or the sampling of the storm water outfalls and that the designed system of Best Management Practices and sampling methods is expected to meet the requirements contained in the General NPDES Permit No. GAR100003* ."

14 Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect **and certify** the installation of the initial sediment storage requirements and perimeter control BMPs within 7 days after installation." *****

The Plan must include a statement indicating that the Primary Permittee must retain the design professional who prepared the Plan, except when the Primary Permittee has requested in writing and GAEPD has agreed to an alternate design professional, to inspect **and certify** 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 Primary 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 **prior to commencing with construction activities as required by Part III.D.2 of the Permit** unless weather related site conditions are such that additional time is required. **Permit IV.A.5. pg 26**

15 Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wrested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."

See **Part IV.(i) - (iv). on pages 22-25** of the permit and show under ES&PC notes.

16 Provide a description of any buffer encroachments and indicate whether a buffer variance is required.

When the project requires an approved State Water or Coastal Marshland Interface buffer variance from the GAEPD, an indication shall be shown on the ES&PC Plan. A description of the encroachment activity must be shown on the ES&PC Plan or under ES&PC notes.

17 Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional." *****

See **Part IV.C. pg 28** of the permit. This can be clarified in a narrative and shown under ES&PC notes. Revisions or amendments should be submitted to the Local Issuing Authority for review.

18 Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a Section 404 permit." *****

The Plan must include a description of how waste materials, including waste building materials, construction and demolition debris, concrete washout, excavated sediment, etc., will be properly disposed of. Any disposal of solid waste to waters of the State is prohibited unless authorized by a Section 404 permit. **Permit IV.D.3.c.(1). pg 32**

19 Clearly note statement that "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."

Must be shown on ES&PC Plan or under ES&PC notes. **Permit III.D.2. pg 20**

20 Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."

Must be shown on ES&PC Plan or under ES&PC notes. **Permit IV.D.3. pg 29**

21 Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."

Must be shown on ES&PC Plan or under ES&PC notes. **Permit IV.D.3.a.(1). pg 30**

22-A Prior to a Secondary Permittee conducting any construction activity, the applicable portion of the Primary Permittee's ES&PC Plan is to be provided. The Plan shall include a section for each Secondary Permittee to sign the Secondary Permittee Certification Statement and include the information required by **Part II.B.2.** *

The Plan must contain a section on the ES&PC Plan for each Secondary Permittee to sign the Secondary Permittee Certification Statement acknowledging receipt of the Plan. A copy must be kept in the Primary Permittee's records. The common development name and lot number(s) and Secondary Permittee's contact information must be included with the certification. The following statement must be shown on the Plan. "*I certify that I will adhere to the Primary Permittee's ES&PC Plan or the portion of the Plan applicable to my construction activities* ." **Permit II.B.2 pg 14**

22-B For all Secondary Permittees, a Final Stabilization Certification must be signed when final stabilization has been achieved, stormwater discharge for activities has ceased, and temporary BMPs have been removed for their portion of the site. The Plan shall include a section for each Secondary Permittee to sign the Final Stabilization Certification and include the information required by **Part VI.D.** *

The Plan must contain a section on the ES&PC Plan for each Secondary Permittee to sign the Final Stabilization Certification once attained. The common development name and lot number(s) and Secondary Permittee's contact information must be included with the Certification. The following statements must be shown on the plan: "*I certify under penalty of law that either: (a) the portion of the site as indicated above has met final stabilization, all storm water discharges associated with construction activity authorized by this permit have ceased, the site is in compliance with this permit and all temporary BMPs have been removed or (b) I am no longer an Owner or Operator at the construction site and a new Owner or Operator has assumed operational control of the permitted construction site where I previously had ownership or operational control. I understand that by signing this Final Stabilization Certification which has been incorporated into the Primary Permittee's Plan, that I am no longer authorized to discharge storm water associated with construction activity by the general permit, and that discharging pollutants in storm water associated with construction activity to waters of Georgia is unlawful under the Georgia Water Quality Control Act and the Clean Water Act where the discharge is not authorized by a NPDES permit* ." **Permit VI.D pg 52**

23 Any construction activity which discharges storm water into a Biota Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as any portion of a Biota Impaired Stream Segment, must comply with **Part III.C.** of the permit. Include the completed Appendix 1of this checklist with at least 4 of the chosen BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment. *

If any storm water associated with construction activities discharges into a Biota Impaired Stream Segment that has been listed for the criteria violated, "Bio F" (Impaired Fish Community) and/or "Bio M" (Impaired Macroinvertebrate Community), within Category 4a, 4b or 5, and the potential cause is either "NP" (nonpoint source) or "UR" (urban runoff), the ES&PC Plan must include at least four (4) of the BMPs listed in **Part III.C.2.a.-u.** of the permit. The Biota Impaired Stream Segment(s) should be delineated on the ES&PC Plan. Georgia's most current and subsequent EPA approved "305(b)/303(d) List Documents" can be viewed on the GAEPD website (www.epd.georgia.gov). Biota impaired waters mapping application can be found on the GSWCC website (www.gaswcc.georgia.gov). **Permit III.C.2.a.-u. pg 18-20**

24 If a TMDL Implementation Plan for sediment has been finalized for the Biota Impaired Stream Segment (identified in Item 23 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan. *

List of TMDL Implementation Plans can be viewed on the GAEPD website (www.epd.georgia.gov). The applicable TMDL Implementation Plan for sediment should be delineated on the ES&PC Plan. **Permit III.C.1. pg 18**

25 BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Include statement that washout of the drum at the construction site is prohibited.

When the project allows the concrete washdown of tools, concrete mixer chutes, hoppers and rear of the vehicles on the project site, delineate the location of the area provided for washing and provide detail of BMPs that will be used. If the project does not allow the concrete washdown on the project site, note that on the Plan. **Permit IV.D.3.c.(6). pg 33**

26 Provide BMPs for the remediation of all petroleum spills and leaks.

The Plan must provide BMPs and guidance for the prevention of spills and leaks of petroleum products from any areas where such products are stored or used as well as guidance for the proper remediation of any spills and leaks that do occur. This information can be in the form of a separate Spill Prevention/Spill Response document so long as that information accompanies the Plan. **Permit III.B. pg 17 and IV.D.3.c.(5). pg 33**

27 Description of practices to provide cover for building materials and building products on site. *

The Plan must contain a description of measures, such as plastic sheeting or temporary roofs, to cover building materials, building products, construction wastes, trash, landscape materials, fertilizers, pesticides, herbicides, detergents, sanitary waste, and other materials in order to minimize exposure to precipitation and to stormwater. **Permit IV.D.3.c.(2). pg 33**

28 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.

The Plan must contain a 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. These may include storm water detention and retention structures, use of vegetated swales and natural depressions for flow attenuation or a combination of these practices (sequential systems). The Plan must also include a technical explanation of the basis used to select these placed at discharge locations and along the length of any outflow channel in order to provide a non-erosive flow so that the natural physical and biological characteristics and functions of the water course are maintained and protected. The installation of these devices may be subject to Section 404 of the Federal Clean Water Act. Note: The Permittee is only responsible for the installation and maintenance of storm water management devices prior to final stabilization of the site and not the operation and maintenance of such structures after construction activities have been completed. **Permit IV.D.3.b. pg 31**

29 Description of the practices that will be used to reduce the pollutants in storm water discharges.

The Plan must identify all potential sources of storm water pollution expected to be present on the site and provide a narrative explaining how the pollutants will be minimized in the storm water discharges. **Permit IV. pg 25**

30 Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, grading, infrastructure, temporary and final stabilization). *

Activity schedule must be site specific. The narrative description and general timeline for each phase of construction may be shown on ES&PC Plan sheet or under ES&PC notes. **Permit IV.D.2.c. pg 29**

31 Provide complete requirements of Inspections and record keeping by the Primary or Tertiary Permittee.

The Plan must include all of the *Inspections* with record keeping requirements of the Primary or Tertiary Permittee as stated in **Part IV.D.4.a.-c. on pages 33-38** of the current permit. The complete Inspection and record keeping requirements shall be shown on the Plan under ES&PS notes.

32 Provide complete requirements of Sampling Frequency and Reporting of sampling results. *

See **Part IV.D.6.d. pages 42-43** *Sampling Frequency* and **Part IV.E. page 43** *Reporting* in the current permit. Complete Sampling Frequency and Reporting requirements are to be shown on the Plan under ES&PC notes.

33 Provide complete details for Retention of Records as per **Part IV.F.** of the permit.

See **Part IV.F. pages 44** *Retention of Records* in the current permit. Complete details of Retention of Records are to be shown on the Plan under ES&PC notes.

34 Description of analytical methods to be used to collect and analyze the samples from each location. *

This narrative must be shown on the Plan under ES&PC notes and shall include quality control/assurance procedures and precise sampling methodology for each sampling location. **Permit IV.D.6.a.-c. pg 39-41**

35 Appendix B rationale for NTU values at all outfall sampling points where applicable. *

When the Permittee has determined that some or all outfalls will be monitored, a rationale must be shown on the Plan under ES&PC notes which includes the NTU limit(s) selected from **Appendix B**. This rationale must include the size of the construction site, the calculation of the size of the surface water drainage area, and the type of receiving water(s) (i.e., trout stream or supporting warm water fisheries). **Permit IV.D.6.a.(3). pg 40**

36 Delineate all sampling locations on **all phases of** the Plan, and perennial and intermittent streams and other water bodies into which storm water is discharged. *

The Plan shall include a USGS topographic map, a topographic map or a drawing (referred to as a topographic map) that is a scale equal to or more detailed than a 1:24000 map showing the locations of the site or the common development. The map must include (a) the location of all perennial and intermittent streams and other water bodies as shown on a USGS topographic map, and all other perennial and intermittent streams and other water bodies located during the mandatory field verification, into which the storm water is discharged and (b) the receiving water and/or outfall sampling locations. When the Permittee has chosen to use a USGS topographic map and the receiving water(s) is not shown on the USGS topographic map, the location of the receiving water(s) must be hand-drawn on the USGS topographic map from where the storm water(s) enters the receiving water(s) to the point where the receiving water(s) combines with the first blue line stream shown on the USGS topographic map. **Sampling points shall be located on applicable pages of the Initial, Intermediate, and Final phases of the ES&PC Plans. Permit IV.D.6.a.(1). pg 39 and IV.D.6.c.(1). pg 40.**

37 A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial sediment storage requirements and initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the Plan may combine all BMPs into a single phase plan.

The Plan must be shown in a minimum of three phases with each phase shown on a separate sheet. Initial phase of the Plan must include the required 67 cy per acre sediment storage, construction exit, tree-save fence, if applicable, and any other BMPs necessary to prevent sediment from leaving the site, such as silt fence, inlet protection on existing storm drain structures, diversions, check dams, temporary ground cover, etc. Limits of disturbance for the initial phase are to be only the areas needed to install initial BMPs. The intermediate phase should show rough grading and utility construction. BMPs should include initial inlet protection, additional silt fence as needed, any revised sediment storage needed as drainage basins are altered, outlet protection, retrofit, matting with temporary or permanent vegetation as needed, temporary down drains, filter rings, etc. Final phase of Plan should show finished grade, curbing and paving, if applicable, building construction, if applicable, etc. BMPs should include permanent vegetation, appropriate inlet protection, etc. For construction sites where there will be no mass grading and the initial sediment storage requirements and perimeter control BMPs, intermediate grading and drainage BMPs, and the final BMPs are the same, the Plan may combine all BMPs into a single phase Plan. The Plan will include appropriate staging and access requirements for construction equipment. **Permit IV.D.3. pg 29**

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 typical and any applicable situational lot plans

The Erosion, Sedimentation & Pollution Control Plans for a common development is designed for the life of the project and must include practices to be implemented by all Secondary Permittees involved, whether the Primary Permittee relinquishes ownership of the land rights or not. This includes providing an ES&PC Plan for typical and situational lots for each Secondary Permittee (builder) who purchases a lot from the Primary Permittee (developer). Situational lots may include, but are not limited to, lots adjacent to State waters buffers (in which a double row of Type S sediment barriers must be shown) adjacent to wetlands, lots with an extreme grade, etc.

39 Graphic scale and North arrow.

The defined graphic scale and North arrow must be clearly shown on all phases of the ES&PC Plan sheets.

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 = 100ft or larger scale	Flat 0 - 2% Rolling 2 - 8% Steep 8% +	0.5 or 1 1 or 2 2, 5 or 10

The initial, intermediate, and final phase sheets of the Plan must show the proposed grade in bold contour lines with the above intervals overlaying the original contour lines. Elevations of both the existing and proposed contour lines must be shown.

41 Use of Alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by GAEPD or the Georgia Soil and Water Conservation Commission). Refer to the Alternative BMP Guidance Document found at www.gaswcc.georgia.gov.

Refer to the Alternative BMP Guidance Document and approved Equivalent BMP List found at www.gaswcc.georgia.gov. **Permit IV.D.3.a.(4). pg 31**

42 Use of Alternative BMP for application to the Equivalent BMP List. Refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition. *

Refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition.

43 Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State Waters and any additional buffers as required by the Local Issuing Authority. Clearly note and delineate all areas of impact.

The State Law of Georgia mandates these minimum undisturbed buffers, but the Local Issuing Authorities are allowed to require more stringent buffers of State Waters. The minimum undisturbed buffers required by the State and all other buffers of State Waters required by the Issuing Authority must be delineated. Any undisturbed buffer area that is impacted by the project site must be noted on the Plan. **Permit IV.D.2.f.-g. pg 29**

44 Delineation of all State Waters and wetlands located on or within 200 feet of the project site.

ALL STATE WATERS AND WETLANDS LOCATED ON OR WITHIN 200 FEET OF THE PROJECT SITE MUST BE DELINEATED ON ALL PHASES OF THE PLAN. When a project is located in a jurisdiction with a certified Local Issuing Authority and the LIA must make a determination of State Waters that are not delineated on the Plan, the Plan review could be delayed for beyond the full forty-five day review time allowed to the LIA, or the full thirty-five day review time allowed to the District, if the District is reviewing the Plan. For all projects in a jurisdiction where there is no certified Local Issuing Authority regulating that project, GAEPD is responsible for State waters determinations and there are no time limits for reviewing the Plan. If the Local Issuing Authority requires an undisturbed buffer of wetlands, delineate required buffer.

45 Delineation and acreage of contributing drainage basins on the project site.

All existing drainage basins on the project site and their acreage must be delineated on the existing conditions and/or on the initial phase of the Plan. As the basins are altered or new ones created during intermediate and final phases, the new basins and their acreage must be delineated throughout each phase of the Plan. **Permit IV.D.2.e. pg 29**

46 Provide hydrology study and maps of drainage basins for both the pre- and post-developed conditions. *

Hydrology study and drainage maps should be separate from the Plan. Maps should include each individual basin draining to, through, and from, the project site, with each one delineated, labeled and showing its total acreage. **Permit IV.D.2.e. pg 29**

47 Estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed. *

The Plan must provide both pre- and post-construction estimates of the runoff coefficient or peak discharge flow for the site. This can be in the form of a hydrologic study so long as that study is made a part of the Plan and accompanies the Plan. A complete hydrologic study is not a required element of the Plan, only the pre and post-construction estimates of the runoff coefficient or peak discharge flow for the site.

48 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate at all storm water discharge points.

The storm-drain pipe and weir velocities must show the flow characteristics of the pipe at full flow including pipe diameter, flow rate (cfs), velocity (fps), and tailwater conditions. The dimensions of the apron must include length (La), width at the headwall (W1), down-stream width (W2), average stone diameter (d50), and stone depth (D) designed in accordance with **Figures 6-34.1 and 6-34.2** in the Manual. These should be shown in a chart on ES&PC intermediate and/or final phase sheet or ES&PC detail sheet with outlet protection. Velocity dissipation devices shall be placed at all discharge locations and along the length of any outfall channel for the purpose of providing a non-erosive velocity flow from the structure to a water course so that the natural physical and biological functions and characteristics are maintained and protected.

49 Soil series for the project site and their delineation.

Soil series delineations are required for the Plan review and can be found on the NRCS web site. The highest level of soil survey required for the project site, such as a level three or level four survey for projects that will be using septic systems, must be delineated on the Plan. The soil series delineation should be shown on the existing site Plan or the initial phase Plan. A chart listing the soils located on the project should be shown on the sheet with their delineation.

50 The limits of disturbance for each phase of construction.

The limits of disturbance for the initial phase should delineate only the area required to be disturbed for the installation of perimeter control and initial sediment storage. The intermediate phase should delineate the entire area to be disturbed for that phase, such as grading, drainage, utilities installed, etc. The final phase should delineate any additional areas to be disturbed such as individual lots, etc.

51 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, 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 sediment basin is not attainable must be included in the Plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual must be included for structural BMPs and all calculations used by the design professional to obtain the required sediment storage when using equivalent controls. When discharging from sediment basins and impoundments, Permittees are required to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the Plan.

For each common drainage location, a temporary (or Permanent) sediment basin (Sd3, Sd4, Rt, or excavated Sd2) providing at least 67 cubic yards of storage per acre drained, or equivalent control measures, shall be provided until final stabilization of the site. The 67 cubic yards of storage per acre does not apply to flows from off-site areas and flows from on-site areas that are either undisturbed or have undergone final stabilization where such flows are diverted around both the disturbed area and the sediment basin. Sediment basins may not be appropriate for some common drainage locations and a written justification explaining the decision not to use sediment basins must be included in the Plan. Worksheets from the Manual must be completed and shown on the Plan or attached to the Plan for each temporary sediment basin designed for the project. All cross sections and details required per the Manual for Sd3s must be shown on the ES&PC detail section of the Plan. Completed worksheets from the Manual must be shown on the Plan for each retrofit and excavated inlet sediment trap. When the design professional chooses to use equivalent controls, the calculations used to obtain the required 67 cubic yards per acre drained must be included on the Plan. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the Plan. **Permit IV.D.3.a.(3). pg 31**

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.

BMPs for all phases of the Plan must be consistent with and no less stringent than the Manual and shown using uniform coding symbols from the Manual. The uniform coding symbols legend from the Manual must be included and may be shown on detail sheet or any of the ES&PC Plan sheets.

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.

The erosion and sediment control detail sheet must show a detailed drawing for each structural BMP shown on the Plan. All BMPs and details shown must, at a minimum, meet the guidelines given in the Manual. Note that a worksheet is provided in the Manual for most structural BMPs that must be included on the ES&PC Plan or detail sheet.

54 Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting 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.
Must be shown on ES&PC Plan, on the ES&PC detail sheet, or under ES&PC notes.

* This requirement of the Common Development permit is not applicable to Tertiary Permittees with a Plan(s) for a typical individual lot(s), if the total land disturbance within the construction site is less than five (5) acres and the total land disturbance within each individual lot is less than one (1) acre. If applicable, the * checklist item would be N/A.

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST
COMMON DEVELOPMENT CONSTRUCTION PROJECTS (Primary and Tertiary Permittees) GAR100003
SWCD:_____

Project Name:_____ **Address:**_____
Local Issuing Authority:_____ **Date on Plans:**_____
Name & Email of person filling out checklist:_____

Plan Page #	Included Y/N		TO BE SHOWN ON ES&PC PLAN
		1	The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted. The completed Checklist must be submitted with the ES&PC Plan or the Plan will not be reviewed. **Permit IV.D.1. pg 28**
		2	Level II certification number issued by the Commission, signature and seal of the certified design professional. (Signature, seal and Level II number must be on each sheet pertaining to ES&PC Plan or the Plan will not be reviewed)
		3	Limit of disturbance shall be **less 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 the GAEPD approval letter and completed Appendix 1 of this checklist with at least 4 of the chosen BMPs. ***** (A copy of the written approval by GAEPD must be attached to the Plan for the Plan to be reviewed.)
		4	The name and phone number of the 24-hour contact responsible for erosion, sedimentation and pollution controls.
		5	Provide the name, address, email address, and phone number of the Primary Permittee or Tertiary Permittee.
		6	Note total and disturbed acreages of the project or phase under construction.
		7	Provide the GPS location of the construction exit for the site. Give the Latitude and Longitude in decimal degrees.
		8	Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.
		9	Descriptions of the nature of construction activity and existing site conditions.
		10	Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.
		11	Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected.
		12	Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on **Part IV page 22** of the permit.
		13	Design professional's certification statement and signature that the Permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on **Part IV page 22** of the permit.
		14	Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect **and certify** the installation of the initial sediment storage requirements and perimeter control BMPs within 7 days after installation." *****
		15	Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wrested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."
		16	Provide a description of any buffer encroachments and indicate whether a buffer variance is required.
		17	Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional." *****
		18	Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a Section 404 permit." *****
		19	Clearly note statement that "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."

20 Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."

21 Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."

22-A Prior to a Secondary Permittee conducting any construction activity, the applicable portion of the Primary Permittee's ES&PC Plan is to be provided. The Plan shall include a section for each Secondary Permittee to sign the Secondary Permittee Certification Statement and include the information required by **Part II.B.2.** *

22-B For all Secondary Permittees, a Final Stabilization Certification must be signed when final stabilization has been achieved, stormwater discharge for activities has ceased, and temporary BMPs have been removed for their portion of the site. The Plan shall include a section for each Secondary Permittee to sign the Final Stabilization Certification and include the information required by **Part VI.D.** *

23 Any construction activity which discharges storm water into a Biota Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as any portion of a Biota Impaired Stream Segment, must comply with **Part III.C.** of the permit. Include the completed Appendix 1 of this checklist with at least 4 of the chosen BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment. *

24 If a TMDL Implementation Plan for sediment has been finalized for the Biota Impaired Stream Segment (identified in Item 23 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan. *

25 BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Include statement that washout of the drum at the construction site is prohibited.

26 Provide BMPs for the remediation of all petroleum spills and leaks.

27 Description of practices to provide cover for building materials and building products on site. *

28 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.

29 Description of the practices that will be used to reduce the pollutants in storm water discharges.

30 Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, grading, infrastructure, temporary and final stabilization). *

31 Provide complete requirements of Inspections and record keeping by the Primary or Tertiary Permittee.

32 Provide complete requirements of Sampling Frequency and Reporting of sampling results. *

33 Provide complete details for Retention of Records as per **Part IV.F.** of the permit.

34 Description of analytical methods to be used to collect and analyze the samples from each location. *

35 Appendix B rationale for NTU values at all outfall sampling points where applicable. *

36 Delineate all sampling locations on **all phases of** the Plan, and perennial and intermittent streams and other water bodies into which storm water is discharged. *

37 A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial sediment storage requirements and initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the Plan may combine all BMPs into a single phase plan.

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 typical and any applicable situational lot plans

39 Graphic scale and North arrow.

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 = 100ft or larger scale	Flat 0 - 2% Rolling 2 - 8% Steep 8% +	0.5 or 1 1 or 2 2, 5 or 10

41 Use of Alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by GAEPD or the Georgia Soil and Water Conservation Commission). Refer to the Alternative BMP Guidance Document found at www.gaswcc.georgia.gov.

42 Use of Alternative BMP for application to the Equivalent BMP List. Refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition.

43 Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State Waters and any additional buffers as required by the Local Issuing Authority. Clearly note and delineate all areas of impact.

44 Delineation of all State Waters and wetlands located on or within 200 feet of the project site.

45 Delineation and acreage of contributing drainage basins on the project site.

46 Provide hydrology study and maps of drainage basins for both the pre- and post-developed conditions. *****

47 Estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed. *****

48 Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate at all storm water discharge points.

49 Soil series for the project site and their delineation.

50 The limits of disturbance for each phase of construction.

51 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, 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 sediment basin is not attainable must be included in the Plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual must be included for structural BMPs and all calculations used by the design professional to obtain the required sediment storage when using equivalent controls. When discharging from sediment basins and impoundments, Permittees are required to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the Plan.

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.

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.

54 Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting 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.

***** This requirement of the Common Development permit is not applicable to Tertiary Permittees with a Plan(s) for a typical individual lot(s), if the total land disturbance within the construction site is less than five (5) acres and the total land disturbance within each individual lot is less than one (1) acre. If applicable, the * checklist item would be N/A.

APPENDIX 1

THE ES&PC PLAN MUST INCLUDE AT LEAST FOUR (4) OF THE FOLLOWING BMPS FOR THOSE AREAS OF THE SITE WHICH DISCHARGE TO AN IMPAIRED STREAM SEGMENT OR FOR SITES WHICH EPD HAS APPROVED IN WRITING A REQUEST TO DISTURB 5O ACRES OR MORE AT ANY ONE TIME.

The four items chosen must be appropriate for the site conditions.

Plan Page #	Included Y/N	
		a. During construction activities, double the width of the 25-foot undisturbed vegetated buffer along all State Waters requiring a buffer and the 50-foot undisturbed vegetated buffer along all State Waters classified as "trout streams" requiring a buffer. During construction activities, EPD will not grant variances to any such buffers that are increased in width.
		b. Increase all temporary sediment basins and retrofitted storm water management basins to provide sediment storage of at least 3600 cubic feet (134 cubic yards) per acre drained.
		c. Use baffles in all temporary sediment basins and retrofitted storm water management basins to at least double the conventional flow path length to the outlet structure.
		d. A large sign (minimum 4 feet x 8 feet) must be posted on site by the actual start date of construction. The sign must be visible from a public roadway. The sign must identify the following: (1) construction site, (2) the permittee(s), (3) the contact person(s) and telephone number(s), and (4) the permittee-hosted website where the Plan can be viewed and must be provided on the submitted NOI. The sign must remain on site and the Plan must be available on the provided website until a NOT has been submitted.
		e. Use **tackifiers** and/or mulch to stabilize areas left disturbed for more than seven (7) calendar days in accordance with **Part III. D.1.** of the current NPDES Permits.
		f. Conduct turbidity sampling after every rain event of 0.5 inch or greater within any 24-hour period, recognizing the exceptions specified in **Part IV.D.6.d.** of the current NPDES Permits.
		g. Comply with the applicable end-of-pipe turbidity effluent limit, without the "BMP defense" as provided for in O.C.G.A. 12-7-6 (a)(1).
		h. Reduce the total planned site disturbance to less than 50% impervious surfaces (excluding any State-mandated buffer areas from such calculations). All calculations must be included on the Plan.
		i. Limit the amount of disturbed area at any one time to no greater than 25 acres or 50% of the total planned site, whichever is less. All calculations must be included on the Plan.
		j. Use “Dirt II” techniques available on the EPD website to model and manage construction storm water runoff (including sheet flow). All calculations must be included on the Plan.
		k. **Conduct soil tests representative of conditions at the time of planting to identify and to implement site-specific fertilizer needs and/or** add appropriate organic soil amendments (e.g., compost) and conduct pre- and post-construction soil sampling to a depth of six (6) inches to document improved levels of soil carbon after final stabilization of the construction site.
		l. Use mulch filter berms, in addition to a silt fence, on the site perimeter wherever construction storm water (including sheet flow) may be discharged. Mulch filter berms cannot be placed in waterways or areas of concentrated flow.
		m. Use appropriate erosion control slope stabilization instead of concrete in all construction storm water ditches and storm drainages designed for a 25-year, 24-hour rainfall event.
		n. Use flocculants or coagulants under a passive dosing method (e.g., flocculant blocks) within all construction storm water ditches and storm drainages that feed into temporary sediment basins and retrofitted management basins.
		o. Install sod for a minimum 20-foot width (in lieu of seeding) after final grade has been achieved, along the site perimeter wherever storm water (including sheet flow) may be discharged.
		p. Certified personnel shall conduct inspections at least twice every seven (7) calendar days and within 24 hours of the end of the storm that is 0.5 inches rainfall or greater in accordance with **Part IV.D.4.a.(3)(a)-(c)** of this permit. *****
		q. Apply the appropriate compost blankets (minimum depth 1.5 inches) to protect soil surfaces until vegetation is established during the final stabilization phase of the construction activity.

r. Use Alternative BMPs whose performance has been documented to be superior to conventional BMPs as certified by a design professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). (If using this item please refer to the Alternative BMP guidance document found at *www.gaswcc.georgia.gov*)

s. Limit the total planned site disturbance to less than 15% impervious surfaces (excluding any State mandated buffer areas from such calculations). All calculations must be included in the Plan.

t. Conduct inspections during the intermediate grading and drainage BMP phase and during the final BMP phase of the project by the design professional who prepared the Plan in accordance with **Part IV.A.5** of the permit.

The Plan must include a statement that the primary permittee must retain the design professional who prepared the Plan to conduct inspections during the intermediate grading and drainage BMP phase and during the final BMP phase.

u. Install Post Construction BMPs (e.g., runoff reduction BMPs) which remove 80% TSS as outlined in the Georgia Stormwater Management Manual, known as the Blue Book, or an equivalent or more stringent design manual.

* This requirement is different for infrastructure projects:

  Certified personnel for primary permittees shall conduct inspections at least once every seven (7) calendar days and within 24 hours of the end of the storm that is 0.5 inches rainfall or greater in accordance with Part IV.D.4.a.(3)(a) – (c) of the permit.

Effective January 1, 2025

PLAN REVIEW # _____

EROSION SEDIMENT & POLLUTION CONTROL PLAN REVIEW
SOIL AND WATER CONSERVATION DISTRICT

DATE ON PLANS	LIA	DATE RECEIVED

TOTAL PROJECT ACRES	TOTAL DISTURBED ACRES

NAME OF PROJECT	ADDRESS (INCLUDING COUNTY)

SPECIFIC INFORMATION ON PROJECT (GPS Location)

DESIGN PROFESSIONAL	LEVEL II CERTIFICATION/EXPIRATION DATE	SOIL SERIES

APPLICANT	ADDRESS	PHONE NUMBER

REPORT OF TECHNICAL REVIEW

_____ The Erosion Sediment and Pollution Control Plan for the above named project or activity meets the requirements of the Erosion and Sediment Control Ordinance or Rules and Regulations Governing Land-Disturbing Activities in **The (City/County) of (LIA)** under the provisions of the Erosion and Sedimentation Act of 1975, as amended.

_____ The Erosion Sediment and Pollution Control Plan for the above named project or activity does not meet the requirements in **The (City/County) of (LIA)** through failure to include the following:

> Any questions, comments, or concerns regarding this plan review should be addressed to:

Technical review by: _____
Level II Certification #/Expiration Date: _____
Organization: _____
Date: _____

The technical review as accomplished and reported above was done at the request of and is concurred in by the _____ Soil and Water Conservation District.

_____ _____
DISTRICT SUPERVISOR DATE

Stormwater and the Construction Industry

Protect Natural Features

Bad

Good

- Minimize clearing.
- Minimize the amount of exposed soil.
- Identify and protect areas where existing vegetation, such as trees, will not be disturbed by construction activity.
- Protect streams, stream buffers, wild woodlands, wetlands, or other sensitive areas from any disturbance or construction activity by fencing or otherwise clearly marking these areas.

Construction Phasing

Bad

Good

- Sequence construction activities so that the soil is not exposed for long periods of time.
- Schedule or limit grading to small areas.
- Install key sediment control practices before site grading begins.
- Schedule site stabilization activities, such as landscaping, to be completed immediately after the land has been graded to its final contour.

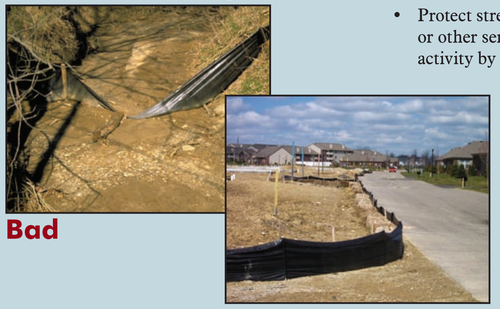
Vegetative Buffers

Bad

Good

- Protect and install vegetative buffers along waterbodies to slow and filter stormwater runoff.
- Maintain buffers by mowing or replanting periodically to ensure their effectiveness.

Silt Fencing



Bad

Good

- Inspect and maintain silt fences after each rainstorm.
- Make sure the bottom of the silt fence is buried in the ground.
- Securely attach the material to the stakes.
- Don't place silt fences in the middle of a waterway or use them as a check dam.
- Make sure stormwater is not flowing around the silt fence.

Maintain your BMPs!

www.epa.gov/npdes/menuofbmps

Site Stabilization

Bad

Good

- Vegetate, mulch, or otherwise stabilize all exposed areas as soon as land alterations have been completed.

Construction Entrances

Bad

Good

- Remove mud and dirt from the tires of construction vehicles before they enter a paved roadway.
- Properly size entrance BMPs for all anticipated vehicles.
- Make sure that the construction entrance does not become buried in soil.

Slopes

Bad

Good

- Rough grade or terrace slopes.
- Break up long slopes with sediment barriers, or under drain, or divert stormwater away from slopes.

Dirt Stockpiles

Bad

Good

- Cover or seed all dirt stockpiles.

Storm Drain Inlet Protection

Bad

Good

- Use rock or other appropriate material to cover the storm drain inlet to filter out trash and debris.
- Make sure the rock size is appropriate (usually 1 to 2 inches in diameter).
- If you use inlet filters, maintain them regularly.

Stormwater and the Construction Industry

Planning and Implementing Erosion and Sediment Control Practices

The construction industry is a critical participant in the nation's efforts to protect streams, rivers, lakes, wetlands, and oceans. Through the use of best management practices (BMPs), construction site operators are the key defense against erosion and sedimentation.

As stormwater flows over a construction site, it picks up pollutants like sediment, debris, and chemicals. High volumes of stormwater can also cause stream bank erosion, and destroy downstream aquatic habitat. Preventing soil erosion and sedimentation is an important responsibility at all construction sites.

In addition to the environmental impact, uncontrolled erosion can have a significant financial impact on a construction project. It costs money and time to repair gullies, replace vegetation, clean sediment-clogged storm drains, replace poorly installed BMPs, and mitigate damage to other people's property or to natural resources.

Best Management Practice (BMP)
A BMP is a method used to prevent or control stormwater runoff and the discharge of pollutants, including sediment, into local waterbodies. Silt fences, inlet protection, and site-stabilization techniques are typical BMPs on a construction site.

Operator
An operator is someone who has control over and the ability to modify construction plans and specifications (e.g. owner, general contractor)

or

Someone who has control over the day-to-day operations at a site (e.g., owner, general contractor) that are necessary to ensure compliance with the permit requirements. It is the responsibility of a construction site owner or operator to contain stormwater runoff and prevent erosion during **all** stages of a project.

There may be more than one person at a site who meets these definitions and must apply for permit coverage. (States may have different definitions of the term "operator.")

So what's being done about polluted runoff?

The Clean Water Act includes the National Pollutant Discharge Elimination System (NPDES) permitting program. As of January 2003, 44 states and territories are authorized to issue NPDES stormwater permits. If your state isn't authorized to operate the NPDES stormwater permit program, EPA issues the permits. Permits vary from state to state, so contact your state or EPA for specific information. Your permitting authority has specific information on your state's NPDES stormwater permit program. In general, construction permits require construction operators to do all of the following:

- Develop and implement a stormwater pollution prevention plan
- Submit a permit application or notice of intent (NOI)
- Comply with the permit, including maintaining BMPs and inspecting the site

Under the NPDES program, construction activities that disturb 1 or more acres are required to obtain stormwater permit coverage. States have different names for the plans that construction operators must develop, such as

- Stormwater pollution prevention plan
- Erosion and sediment control plan
- Erosion control and stormwater management plan
- Stormwater management plan
- Water pollution control plan
- Pollution prevention plan

This document uses the term "*Plan*."

I think I need a permit... Where do I start?

All land-disturbing activities, including clearing, grading, and excavation, that disturb **1 or more acres** are required to be covered under a state or EPA-issued NPDES construction stormwater permit **prior to land disturbance**. Permit requirements vary by state. Begin by researching the specific requirements in your state. You might already be subject to local erosion and sediment control requirements, but that doesn't release you from the requirements of the NPDES program at the state or EPA level. Although you must comply with both sets of requirements, in most cases they have been designed to be complementary. Contact your permitting authority to find out exactly what you need to do. A good place to start your search is the Construction Industry Compliance Assistance web site at http://www.envcap.org/cica.

The NPDES permit requirements include small construction activities that are part of a larger common plan of development or sale, such as a single lot within a larger subdivision. For developments with multiple operators, all operators must have permit coverage for their individual parts of the larger development, no matter how large or small each operation happens to be. When there are multiple operators at one site, they're encouraged to develop and share one comprehensive Plan and obtain permit coverage as co-permitees.

Construction sites that discharge unpermitted stormwater are in violation of the Clean Water Act and may be subject to fines of up to $27,500 a day per violation.

The **owner or operator** of the construction site is responsible for complying with the requirements of the permit. Responsibilities include developing a Plan, obtaining permit coverage, implementing BMPs, and stabilizing the site at the end of the construction activity.

Determine your eligibility

All construction activity that disturbs 1 or more acres of land, as well as activity that disturbs less than 1 acre but is part of a larger common plan of development, must obtain permit coverage.

Read and understand your stormwater permit requirements

Get a copy of the permit for construction activities and a permit application (or notice of intent form) from your state or EPA permitting authority.

Develop a Plan

Most states do not require you to submit your Plan. However, you do need to keep the Plan on site. If that's impractical, you may post a notice that tells where the Plan is kept so it can be accessed by the permitting authority and other interested parties.

You'll need to post a copy of your completed application on site. Put it in a place where the public can see it so they'll know your site is covered by an NPDES permit!

Apply for permit coverage

Once you understand your permit requirements and have developed a Plan, you can submit a stormwater permit application (or notice of intent) to your permitting authority. This must be done before beginning any land disturbance on the site. Some states require a few days of lead time, so check with your permitting authority. Once you've submitted the application, you must satisfy the conditions of the permit.

Implement the Plan

Be prepared to implement the BMPs in your Plan before construction begins. Ensure that BMPs are properly maintained, and upgrade and repair them as necessary.

Developing and Implementing a Plan

You must have a Plan that includes erosion and sediment control and pollution prevention BMPs. These Plans require

- Advance planning and training to ensure proper implementation of the BMPs
- Erosion and sediment control BMPs in place until the area is permanently stabilized
- Pollution prevention BMPs to keep the construction site "clean"
- Regular inspection of the construction site to ensure proper installation and maintenance of BMPs

Fortunately, the practices and measures that must be included in your Plan are already part of the standard operating procedures at many construction sites.

Six steps are associated with developing and implementing a stormwater Plan. There's a wealth of information available on developing pollution prevention plans. Please contact your permitting authority for help in finding additional guidance materials, or visit www.epa.gov/npdes/stormwater. A sample construction plan is available at www.epa.gov/npdes/pubs/sample_swppp.pdf.

1. Site Evaluation and Design Development

- **Collect site information**
- **Develop site plan design**
- **Prepare pollution prevention site map**

The first step in preparing a Plan is to define the characteristics of the site and the type of construction that will occur. This involves collecting site information, identifying natural features that should be protected, developing a site plan design, describing the nature of the construction activity, and preparing a pollution prevention site map.

2. Assessment

- **Measure the site area**
- **Determine the drainage areas**
- **Calculate the runoff coefficient**

The next step is assessing the impact the project will have on stormwater runoff. Determine the drainage areas and estimate the runoff amounts and velocities. For more information on calculatng the runoff coefficient, go to www.epa.gov/npdes/pubs/chap02_conguide.pdf, page 11.

3. Control Selection and Plan Design

- **Review and incorporate state or local requirements**
- **Select erosion and sediment controls**
- **Select other controls**
- **Select stormwater management controls**
- **Indicate the location of controls on the site map**
- **Prepare an inspection and maintenance plan**
- **Coordinate controls with construction activity**
- **Prepare sequence of major activities**

In the third step you'll actually document your procedures to prevent and control polluted stormwater runoff. You must delineate areas that will not be disturbed, including critical natural areas like streamside areas, floodplains, and trees. You must also identify the measures (or BMPs) you'll use to protect these areas.

Phasing your project to minimize the amount of exposed soil at any given time is a highly effective way to prevent erosion. Erosion control measures designed to prevent soil from being mobilized include diversions to route stormwater away from exposed soils and stabilization with vegetation, mulch, and geotextiles. Sedimentation control measures designed to remove sediment from stormwater or prevent it from leaving the site include silt fences, sediment traps, and diversions.

You'll need to select erosion and sediment controls—including stabilization measures for protecting disturbed areas and structural controls for diverting runoff and removing sediment—that are appropriate for your particular site. The appropriateness of the control measures will depend on several factors, but will be influenced most directly by the site characteristics. Some stabilization measures you might consider are temporary seeding, permanent seeding, and mulching. Structural control measures include earth dikes, silt fences, and sediment traps. No single BMP will meet all of the erosion and sedimentation control needs of a construction site. A combination of BMPs is necessary. For more information on the types of BMPs appropriate for your construction site, see the BMP fact sheet series available at www.epa.gov/npdes/menuofbmps.

Soil erosion control tips...

- Design the site to infiltrate stormwater into the ground and to keep it out of storm drains. Eliminate or minimize the use of stormwater collection and conveyance systems while maximizing the use of stormwater infiltration and bioretention techniques.
- Minimize the amount of exposed soil on site.
  - To the extent possible, plan the project in stages to minimize the amount of area that is bare and subject to erosion. The less soil exposed, the easier and cheaper it will be to control erosion.
  - Vegetate disturbed areas with permanent or temporary seeding immediately upon reaching final grade.
  - Vegetate or cover stockpiles that will not be used immediately.
- Reduce the velocity of stormwater both onto and away from the project area.
  - Interceptors, diversions, vegetated buffers, and check dams are a few of the BMPs that can be used to slow down stormwater as it travels across and away from the project site.
  - Diversion measures can also be used to direct flow away from exposed areas toward stable portions of the site.
  - Silt fences and other types of perimeter filters should never be used to reduce the velocity of runoff.
- Protect defined channels immediately with measures adequate to handle the storm flows expected.
  - Sod, geotextile, natural fiber, riprap, or other stabilization measures should be used to allow the channels to carry water without causing erosion. Use softer measures like geotextile or vegetation where possible to prevent downstream impacts.
- Keep sediment on site.
  - Place aggregate or stone at construction site vehicle exits to accommodate at least two tire revolutions of large construction vehicles. Much of the dirt on the tires will fall off before the vehicle gets to the street.
  - Regular street sweeping at the construction entrance will prevent dirt from entering storm drains. Do not hose paved areas.
  - Sediment traps and basins are temporary structures and should be used in conjunction with other measures to reduce the amount of erosion.
- Maintaining all BMPs is critical to ensure their effectiveness during the life of the project.
  - Regularly remove collected sediment from silt fences, berms, traps, and other BMPs.
  - Ensure that geotextiles and mulch remain in place until vegetation is well established.
  - Maintain fences that protect sensitive areas, silt fences, diversion structures, and other BMPs.

Other BMPs and Activities to Control Polluted Runoff

You'll need to select other controls to address potential pollutant sources on your site. Construction materials, debris, trash, fuel, paint, and stockpiles become pollution sources when it rains. Basic pollution prevention practices can significantly reduce the amount of pollution leaving construction sites. The following are some simple practices that should be included in the Plan and implemented on site:

- Keep potential sources of pollution out of the rain as practicable (e.g., inside a building, covered with plastic or tarps, or sealed tightly in a leak-proof container).
- Clearly identify a protected, lined area for concrete truck washouts. This area should be located away from streams, storm drain inlets, or ditches and should be cleaned out periodically.
- Park, refuel, and maintain vehicles and equipment in one area of the site to minimize the area exposed to possible spills and fuel storage. This area should be well away from streams, storm drain inlets, or ditches. Keep spill kits close by and clean up any spills or leaks immediately, including spills on pavement or earthen surfaces.
- Practice good housekeeping. Keep the construction site free of litter, construction debris, and leaking containers. Keep all waste in one area to minimize cleaning.
- Never hose down paved surfaces to clean dust, debris, or trash. This water could wash directly into storm drains or streams. Sweep up materials and dispose of them in the trash. Never bury trash or debris!
- Dispose of hazardous materials properly.

4. Certification and Notification

- **Certify the Plan**
- **Submit permit application or notice of intent**

Once the Plan has been developed, an authorized representative must sign it. Now is the time to submit the permit application or notice of intent. Your permit might require that the Plan be kept on site, so be sure to keep it available for the staff implementing the Plan.

Erosion and sedimentation control practices are only as good as their installation and maintenance.

5. Implementing and Maintaining a Plan

- **Implement controls**
- **Inspect and maintain controls**
- **Update/change the Plan**
- **Report releases of hazardous materials**

A Plan describes the practices and activities you'll use to prevent stormwater contamination and meet the NPDES permit requirements. Make sure that the Plan is implemented and that the Plan is updated as necessary to reflect changes on the site.

Erosion and sedimentation control practices are only as good as their installation and maintenance. Train the contractors that will install the BMPs and inspect immediately to ensure that the BMPs have been installed correctly.

Regularly inspect the BMPs (especially before and after rain events) and perform any necessary repairs or maintenance immediately. Many BMPs are designed to handle a limited amount of sediment. If not maintained, they'll become ineffective and a source of sediment pollution.

It's also important to keep records of BMP installation, implementation, and maintenance. Keep track of major grading activities that occur on the site, when construction activities cease (temporarily or permanently), and when a site is temporarily or permanently stabilized.

If construction plans change at any time, or if more appropriate BMPs are chosen for the site, update the Plan accordingly.

6. Completing the Project: Final Stabilization and Termination of the Permit

- **Final stabilization**
- **Notice of Termination**
- **Record retention**

Many states and EPA require a Notice of Termination (NOT) or other notification signifying that the construction activity is completed. An NOT is required when

- Final stabilization has been achieved on all portions of the site for which the permittee is responsible.
- Another operator has assumed control over all areas of the site that have not been finally stabilized. That operator would need to submit a new permit application to the permitting authority.
- For residential construction only, temporary stabilization of a lot has been completed prior to transference of ownership to the homeowner, with the homeowner being made aware of the need to perform final stabilization.

Permittees must keep a copy of their permit application and their Plan for at least 3 years following final stabilization. This period may be longer depending on state and local requirements.

Preconstruction Checklist

- A site description, including
  - Nature of the activity
  - Intended sequence of major construction activities
  - Total area of the site
  - Existing soil type and rainfall runoff data
  - A site map with:
    - Drainage patterns
    - Approximate slopes after major grading
    - Area of soil disturbance
    - Outline of areas which will not be disturbed
    - Location of major structural and nonstructural soil erosion controls
    - Areas where stabilization practices are expected to occur
    - Surface waters
    - Stormwater discharge locations
  - Name of the receiving water(s)
- A description of controls:
  - Erosion and sediment controls, including
    - Stabilization practices for all areas disturbed by construction
    - Structural practices for all drainage/discharge locations
  - Stormwater management controls, including
    - Measures used to control pollutants occurring in stormwater discharges after construction activities are complete
    - Velocity dissipation devices to provide nonerosive flow conditions from the discharge point along the length of any outfall channel
  - Other controls, including
    - Waste disposal practices that prevent discharge of solid materials
    - Measures to minimize offset tracking of sediments by construction vehicles
    - Measures to ensure compliance with state or local waste disposal, sanitary sewer, or septic system regulations
  - Description of the timing during the construction when measures will be implemented
- State or local requirements incorporated into the Plan
- Inspection and maintenance procedures for control measures identified in the Plan
- Contractor certification and Plan certification

Implementation Checklist

- Maintain records of construction activities, including
  - Dates when major grading activities occur
  - Dates when construction activities temporarily cease on the site or a portion of the site
  - Dates when construction activities permanently cease on the site or a portion of the site
  - Dates when stabilization measures are completed on the site
- Prepare inspection reports summarizing
  - Name of person conducting BMP inspections
  - Qualifications of person conducting BMP inspections
  - BMPs/areas inspected
  - Observed conditions
  - Necessary changes to the Plan
- Report releases of reportable quantities of oil or hazardous materials
  - Notify the National Response Center at 800-424-8802 immediately
  - Report releases to your permitting authority immediately, or as specified in your permit. You must also provide a written report within 14 days.
  - Modify the Plan to include
    - The date of release
    - Circumstances leading to the release
    - Steps taken to prevent reoccurrence of the release
- Modify Plan as necessary
  - Incorporate requests of the permitting authority to bring the Plan into compliance
  - Address changes in design, construction operation, or maintenance that affect the potential for discharge of pollutants

An ounce of prevention is worth a pound of cure! It's far more efficient and cost-effective to prevent pollution than it is to try to correct problems later. Installing and maintaining simple BMPs and pollution prevention techniques on site can greatly reduce the potential for stormwater pollution and can also save you money!

Austell Stormwater Management
770-44-4325
publicworks@austellga.gov

Visit www.epa.gov/npdes/stormwater for more information.

EPA
United States Environmental Protection Agency
EPA 833-H-03-001
April 2003
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THE YEAR OF CLEAN WATER "Celebration & Recommitment"

NPDES GENERAL PERMITS – FEE FORM

State of Georgia
Department of Natural Resources
Environmental Protection Division

PLEASE PRINT OR TYPE THIS FORM.
SUBMIT ORIGINAL FORM AND PAYMENT TO:

EPD - Construction Land Disturbance Fees
P. O. Box 932858
Atlanta, GA 31193-2858

PLEASE MAKE CHECKS PAYABLE TO: **Department of Natural Resources - EPD**
(DO NOT MAIL CASH)

COMPLETE THE FOLLOWING (do not leave any sections blank - if not applicable, mark "N/A"):

Primary Permittee's Name: _____

Address:_____

City: _____

State: _____ Zip Code: _____

Contact Telephone: _____

Project Construction Site Name:

_____

Construction Site Street Address:

_____
(*please provide sufficient information to accurately locate the construction site)*

Is the construction site located within the city limits?

☐ YES ☐ NO

City: Austell
(applicable if the site is located within the jurisdictional boundaries of the municipality)

County: Cobb

☐ Acres Disturbed *(to the nearest tenth (1/10th) acre)*
In an area with a certified Local Issuing Authority
(Do not include fees payable to the Local Issuing Authority)
_____ X $40/acre = _____
(acres)

☐ Acres Disturbed *(to the nearest tenth (1/10th) acre)*
In an area with no certified Local Issuing Authority
_____ X $80/acre = _____
(acres)

☐ Acres Disturbed *(to the nearest tenth (1/10th) acre)*
(By an entity exempt from a certified Local Issuing Authority's regulation pursuant to statute)
_____ X $80/acre = _____
(acres)

TOTAL FEE SUBMITTED = _____

CHECK NUMBER: _____

Submitted By *(Printed Name)*: _____ Title: _____

Signature: _____ Date: _____

ATTACH CHECK HERE

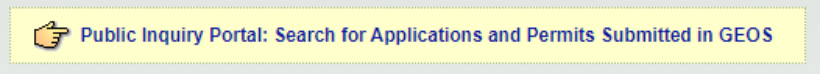
Please submit payment directly to EPD

GEORGIA
DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

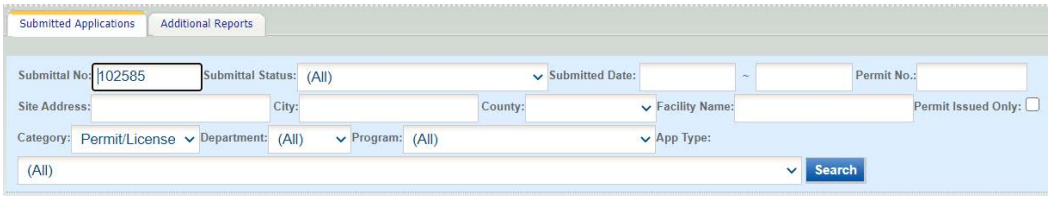
Directions to Access the Georgia EPD Online System (GEOS) Public Portal

1. Navigate to the GEOS homepage:
https://geos.epd.georgia.gov/GA/GEOS/Public/GovEnt/Shared/Pages/Main/Login.aspx

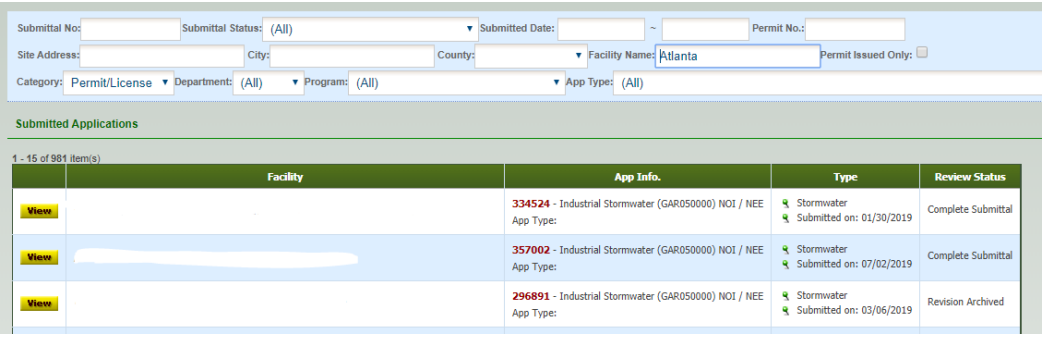
2. Find the Public Inquiry Portal link in the middle of the page or navigate directly to:
https://geos.epd.georgia.gov/GA/GEOS/Public/Client/GA_GEOS/Public/Pages/PublicApplicationList.aspx



3. The easiest way to locate the facility and associated documents is to only enter the GEOS submittal ID provided in the public notice.



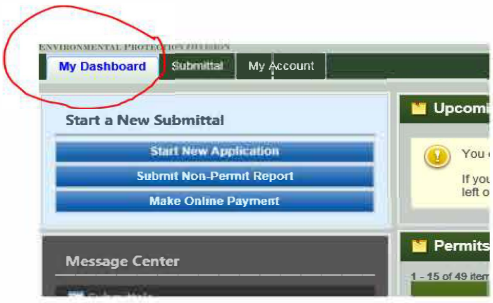
4. If the GEOS submittal ID was not provided or it's not working, enter the site address or facility name and select "Search" to find a submittal. Note that partial search terms are allowed and encouraged when exact terms including punctuation are not precisely known. Less is more when searching in the GEOS portal. As you can see below, the search results provide the facility name, application information, application type, and the application review status.



5. Selecting "View" will allow the searcher to view the submittal information, application form, attachments, and where applicable, the draft and final issued permit.

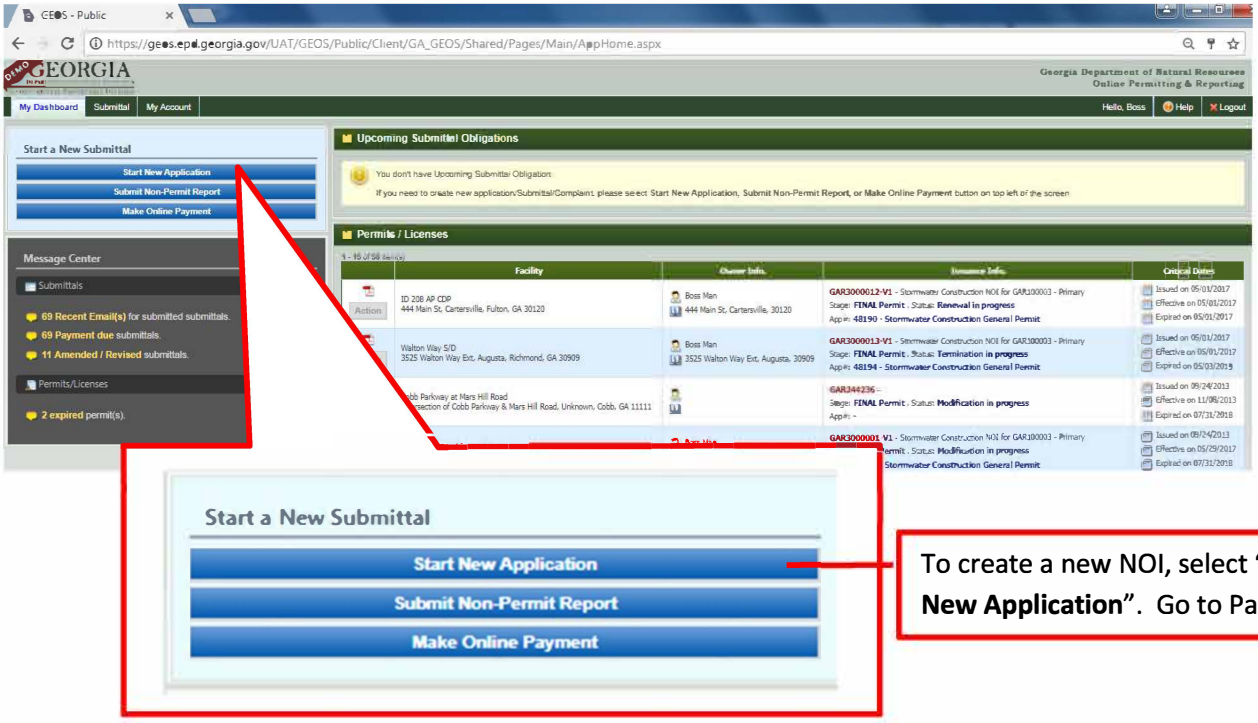
Click here to access GEOS

How to submit a Notice of Intent using GEOS



Once you have created or logged in to your account, look for the "**My Dashboard**" tab in the menu near the top of the screen.

Just below the "My Dashboard" tab are three choices.

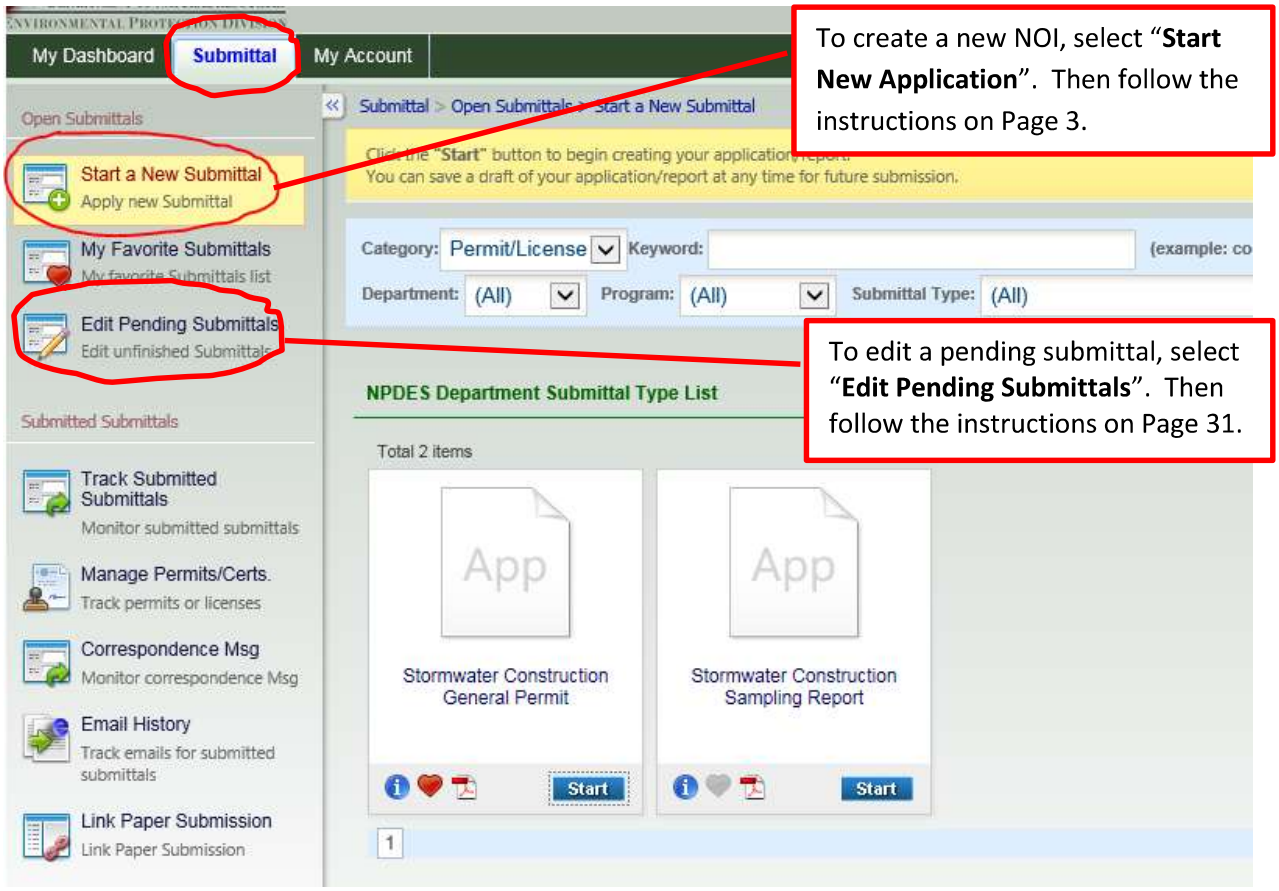


To create a new NOI, select "**Start New Application**". Go to Page 3.

Note: To edit a pending submittal, go to page 2.

How to submit a Notice of Intent using GEOS (Continued)

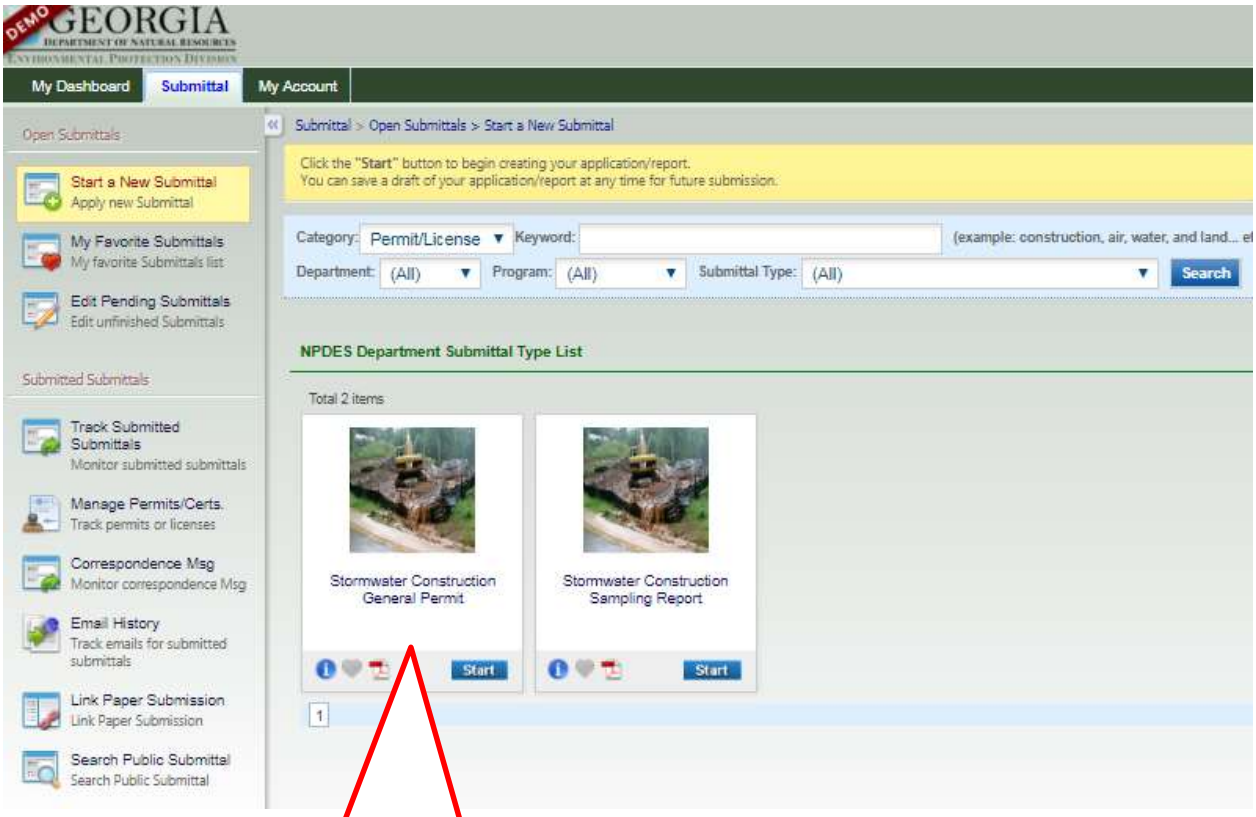
Once you are logged in to your account, you can submit a New NOI or Edit a Pending Submittal, by clicking the "**Submittal**" tab menu near the top of the screen.

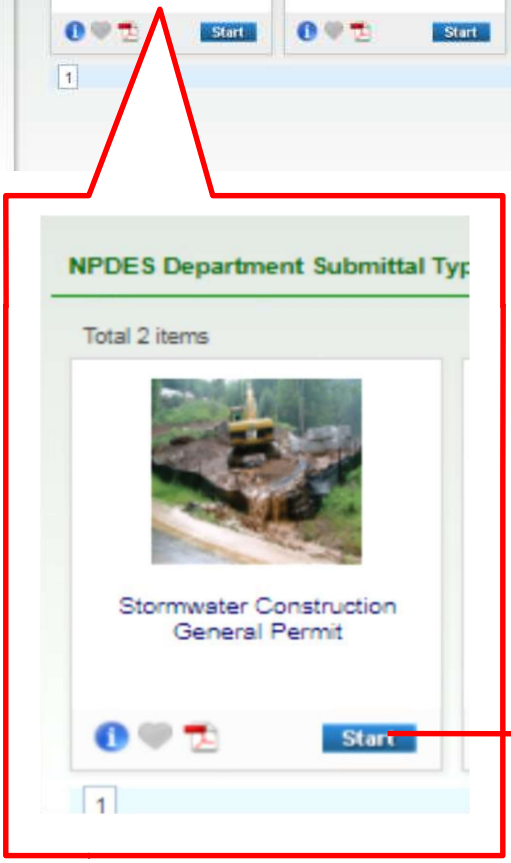


To create a new NOI, select "**Start New Application**". Then follow the instructions on Page 3.

To edit a pending submittal, select "**Edit Pending Submittals**". Then follow the instructions on Page 31.

NPDES Department Submittal Type List





To create a new NOI, select "**Start**" under the "**Stormwater Construction General Permit**". Go to Page 4.

Stormwater Construction General Permit - Coverage Desired

Select the appropriate option for the desired permit coverage. Note: Additional options will appear only if Common Development is selected.

Construction activities that are not part of a common development, where the primary permittee chooses not to use secondary permittees.

Construction activities that are not part of a common development that include the construction, installation and maintenance of roadway and railway projects and conduits, pipes, pipelines, substations, cables, wires, trenches, vaults, manholes and similar or related structures for the conveyance of natural gas (or other types of gas), liquid petroleum products, electricity, telecommunications (telephone, data; television, etc.), water, storm water or sewage.

A contiguous area where multiple, separate, and distinct construction activities will be taking place at different times on different schedules under one plan of development on or after August 1, 2000.

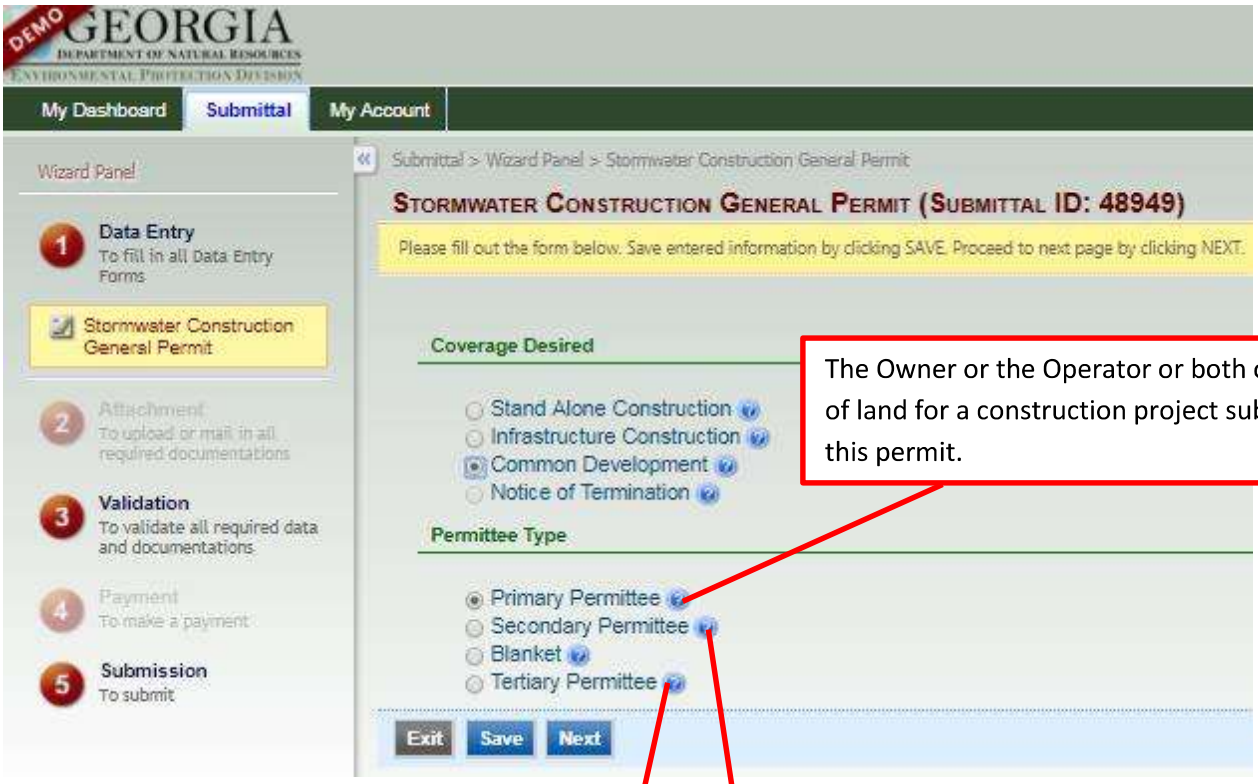
Select the appropriate option for the desired permit coverage. Select "**Next**".
For a "**Stand Alone**" Permit, go to page 6.

For an "**Infrastructure**" Permit, go to page 6.

For a "**Common Development**" Permit, go to page 5.

Common Development

When selecting "**Common Development**", select the appropriate Permittee Type: **Primary Permittee, Secondary, or Tertiary**. Select **Next**.



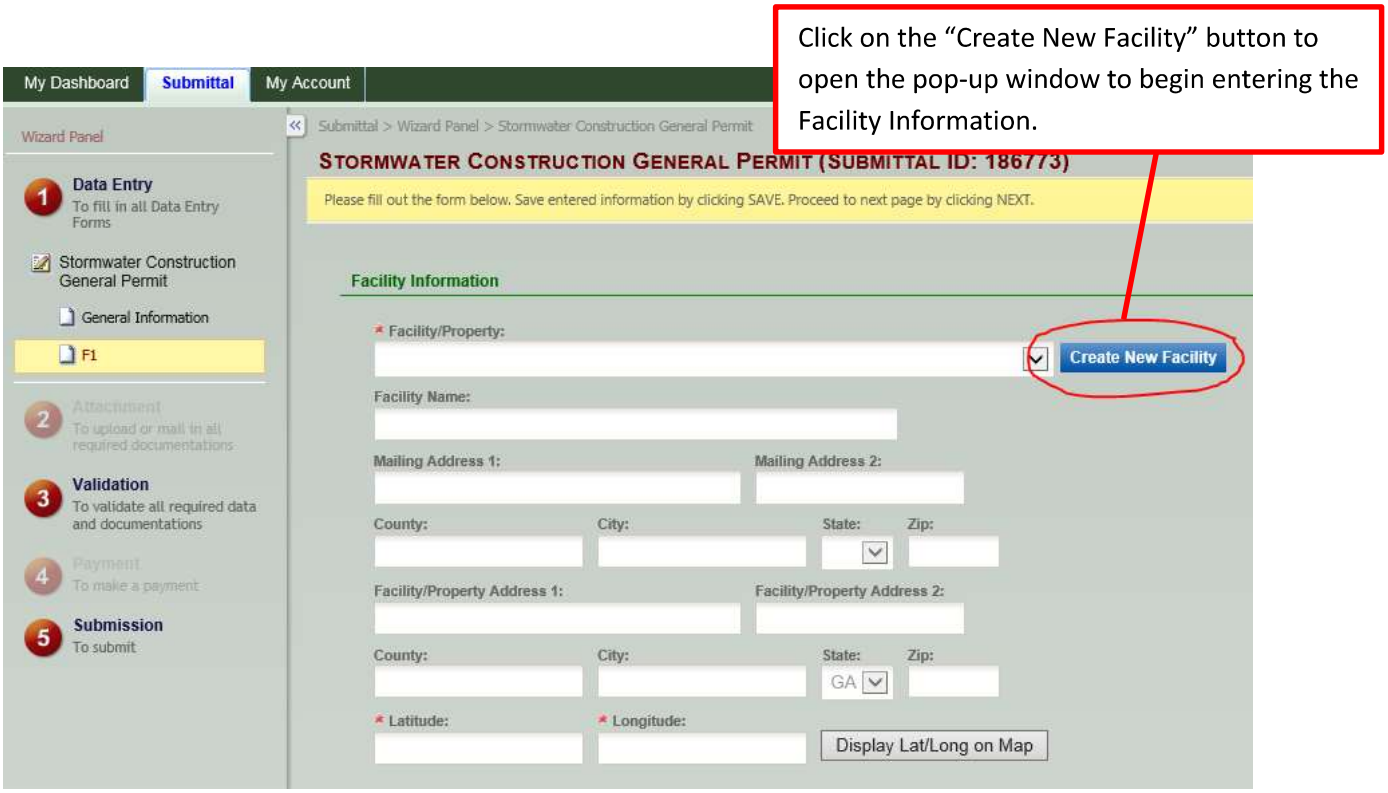
The Owner or the Operator or both of a tract of land for a construction project subject to this permit.

An owner, individual builder, utility company, or utility contractor that conducts a construction activity within a common development with an existing primary permittee.

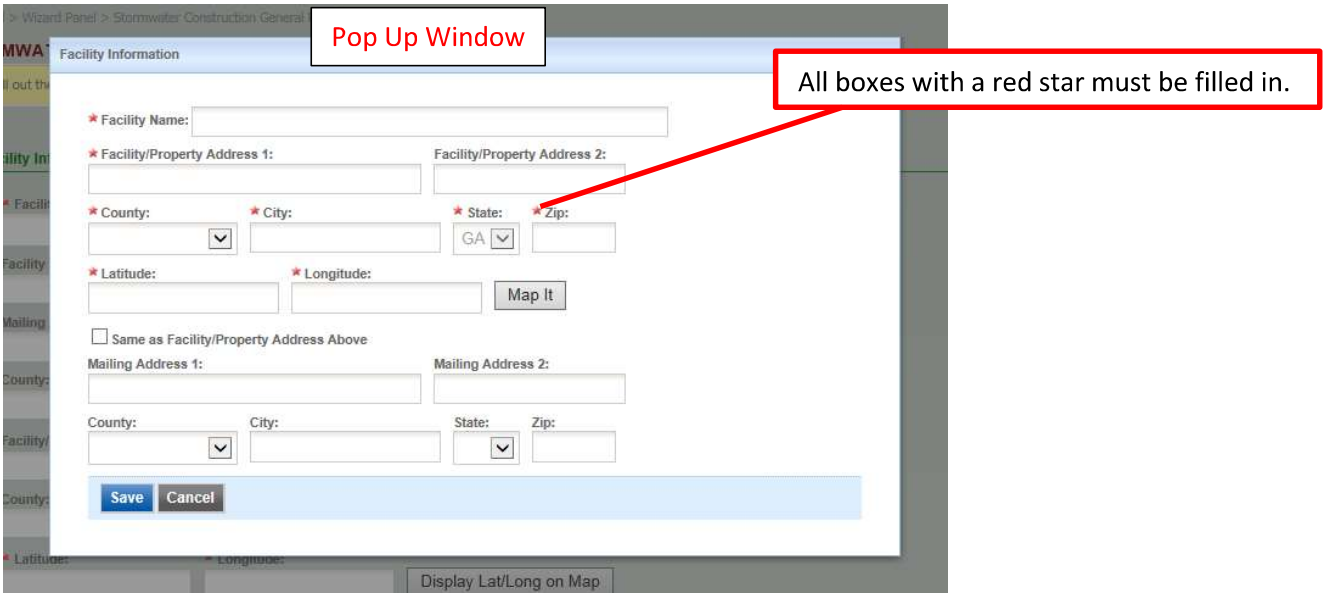
Either the Owner or Operator of a remaining lot(s) within a common development (as defined in this permit) conducting a construction activity where the primary permittee and all secondary permittees have submitted a Notice of Termination in accordance with Part VI.A.2. of this permit (excluding utility companies and/or utility contractors working under a Blanket NOI) or where a primary permittee no longer exists.

Once you select the appropriate permit type, go to page 6 to creating a new facility.

Creating a New Facility

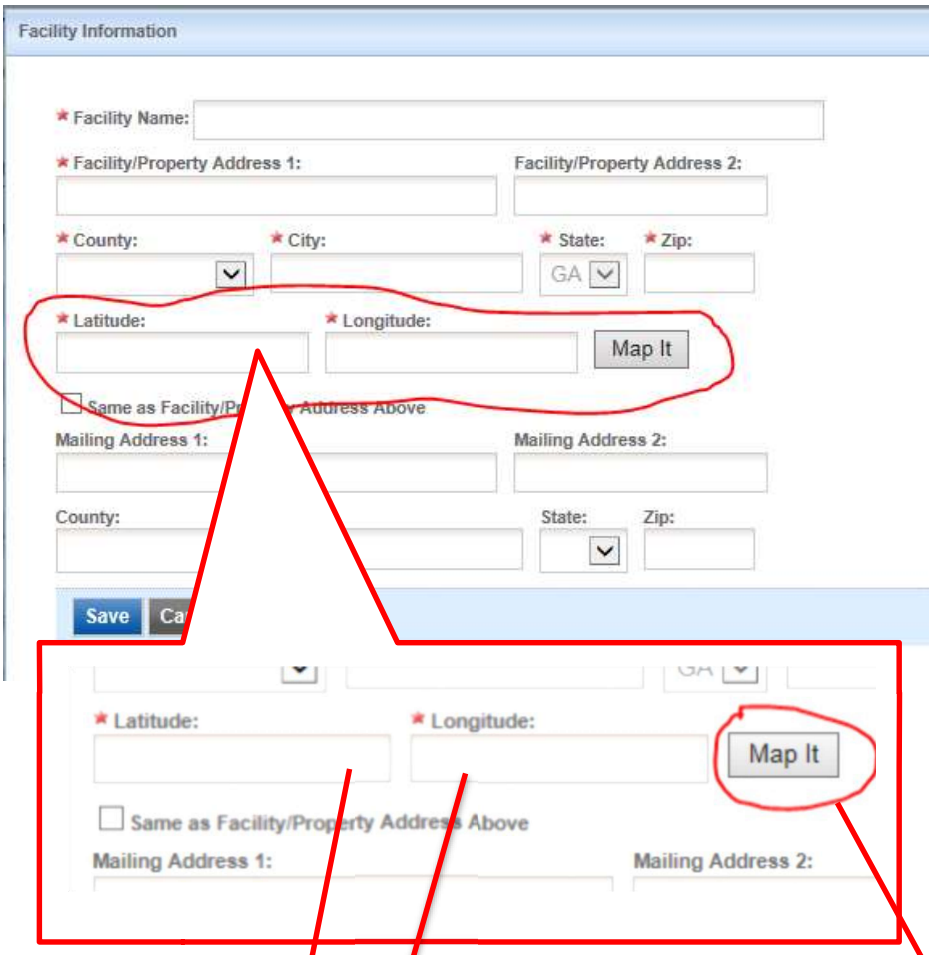


In the pop-up window, enter the information in the appropriate boxes.



Note: If you do not have a Facility/Property Address, put in a description of location (examples: Hwy 100, Intersection of Hwy 5 and Hwy 515, etc.)

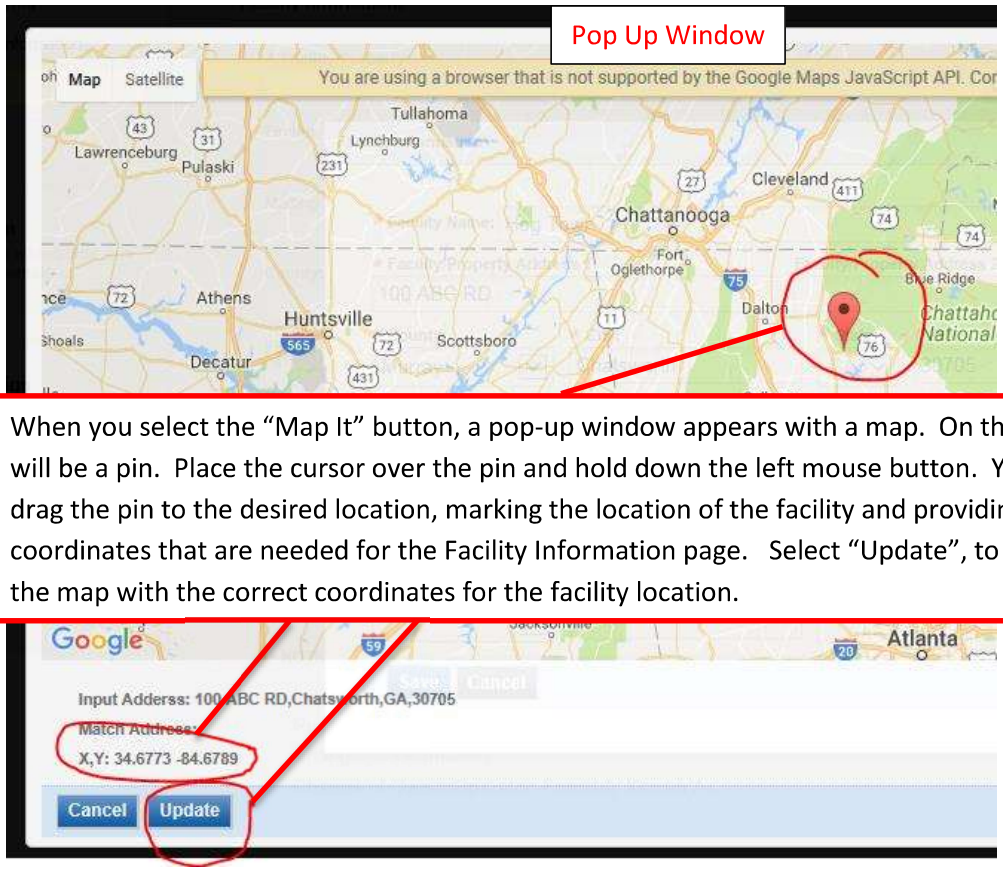
Creating a New Facility (Continued)



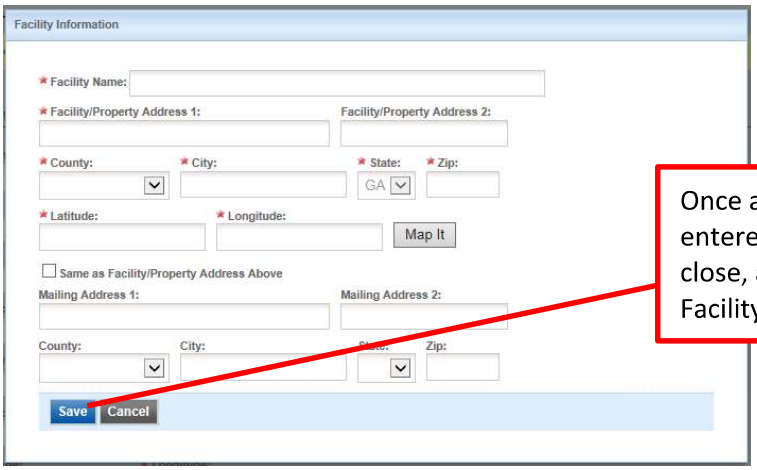
Enter the Lat/Lon in Decimal Degrees (i.e. Lat 34.6773 Lon -84.6789).

If you do not know the Lat/Lon, click "Map It"

Creating a New Facility (Continued)



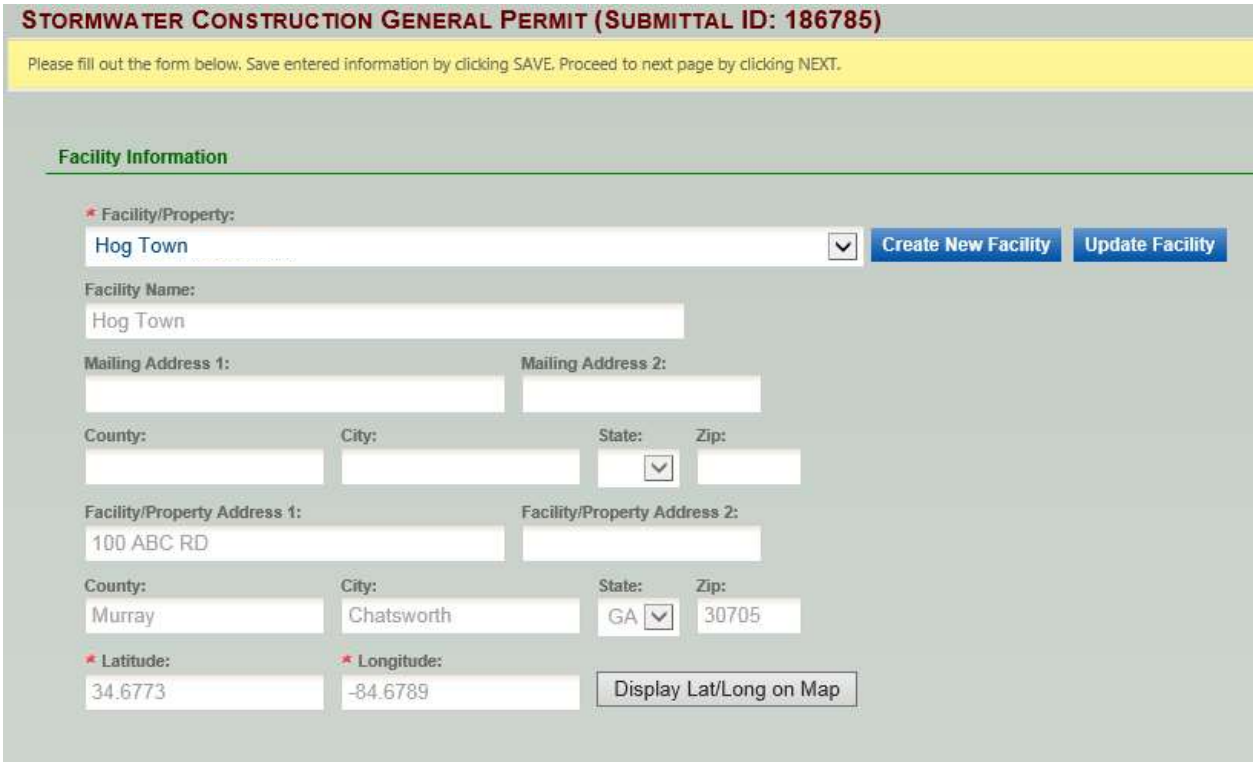
When you select the "Map It" button, a pop-up window appears with a map. On the map will be a pin. Place the cursor over the pin and hold down the left mouse button. You can drag the pin to the desired location, marking the location of the facility and providing the coordinates that are needed for the Facility Information page. Select "Update", to update the map with the correct coordinates for the facility location.



Once all the required information has been entered, select "Save". The pop-up window will close, and the information will auto populate the Facility fields on the GEOS webpage.

Creating a New Facility (Continued)

An example of Facility Information populated on the GEOS webpage.



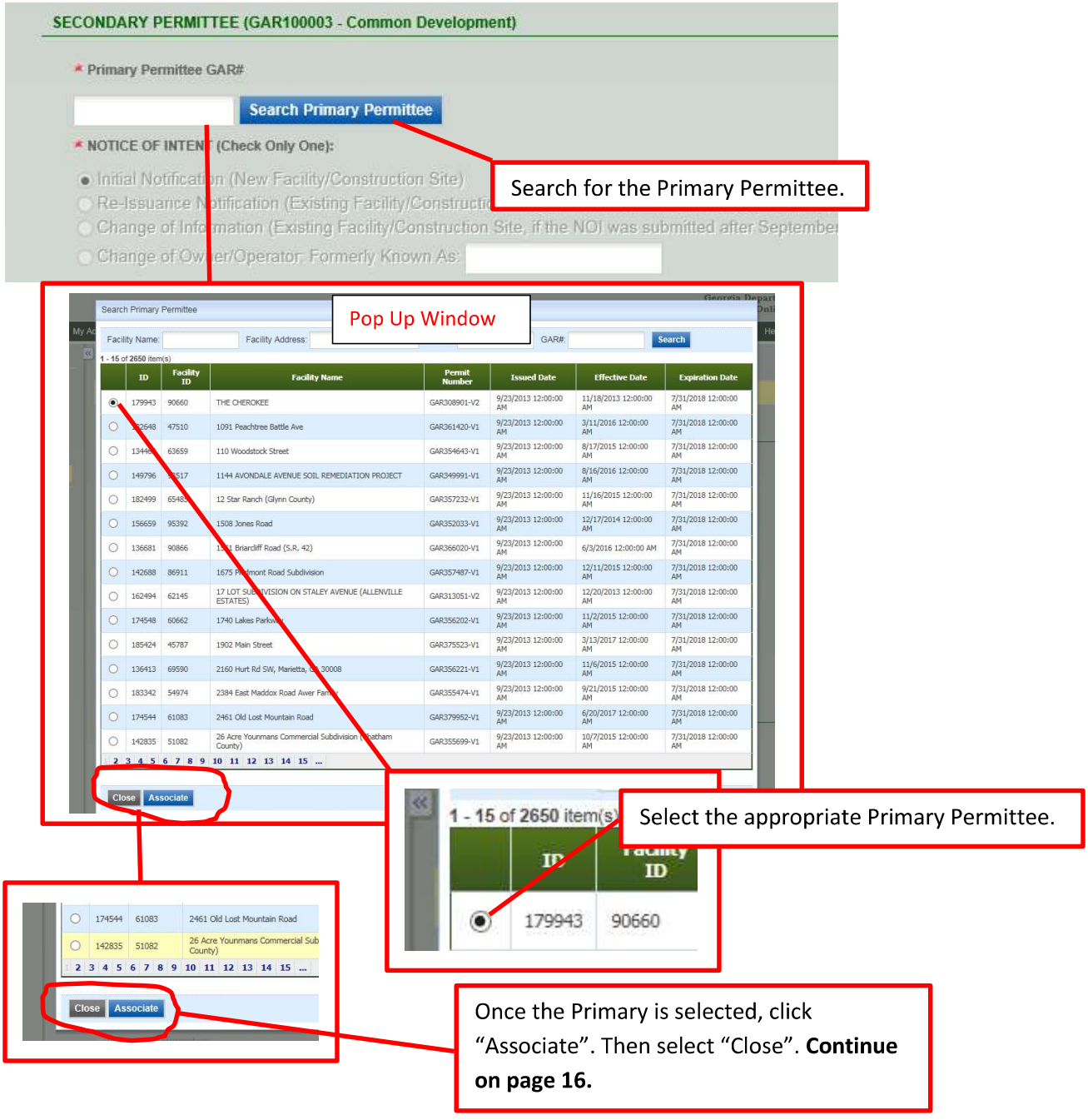
For Stand Alone go to page 12.

For Infrastructure go to page 13.

For Common Development go to page 10.

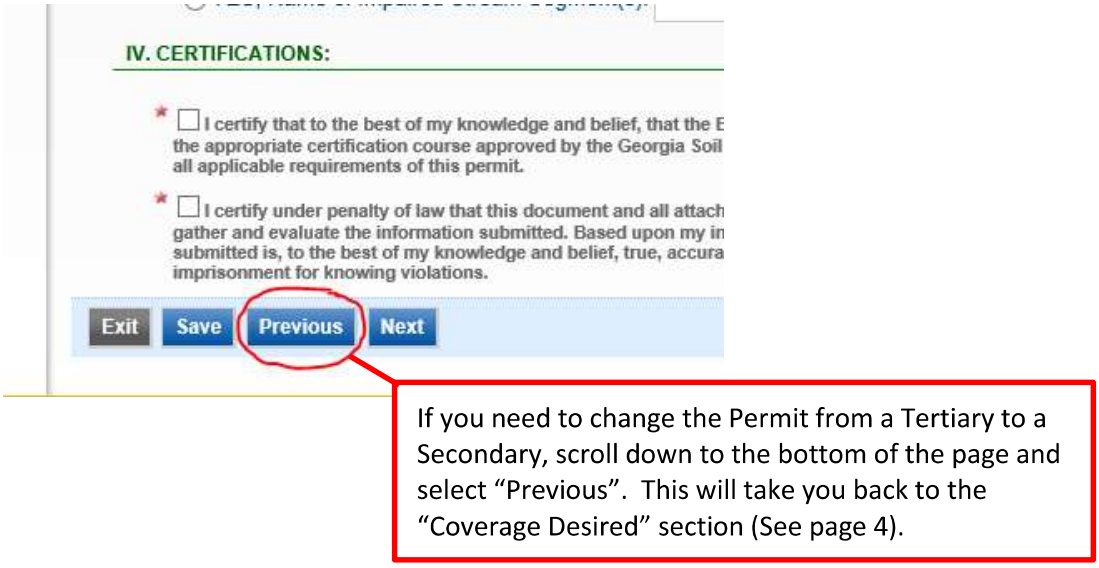
Common Development - Assigning the Primary Permittee to the Secondary Permittee

To search for the Primary Permittee associated with a Secondary Permittee, click on the "Search Primary Permittee". A pop-up window will appear. Search using the Facility Name, Facility Address, by County, or GAR#.



Common Development - Assigning the Primary Permittee to the Tertiary Permittee

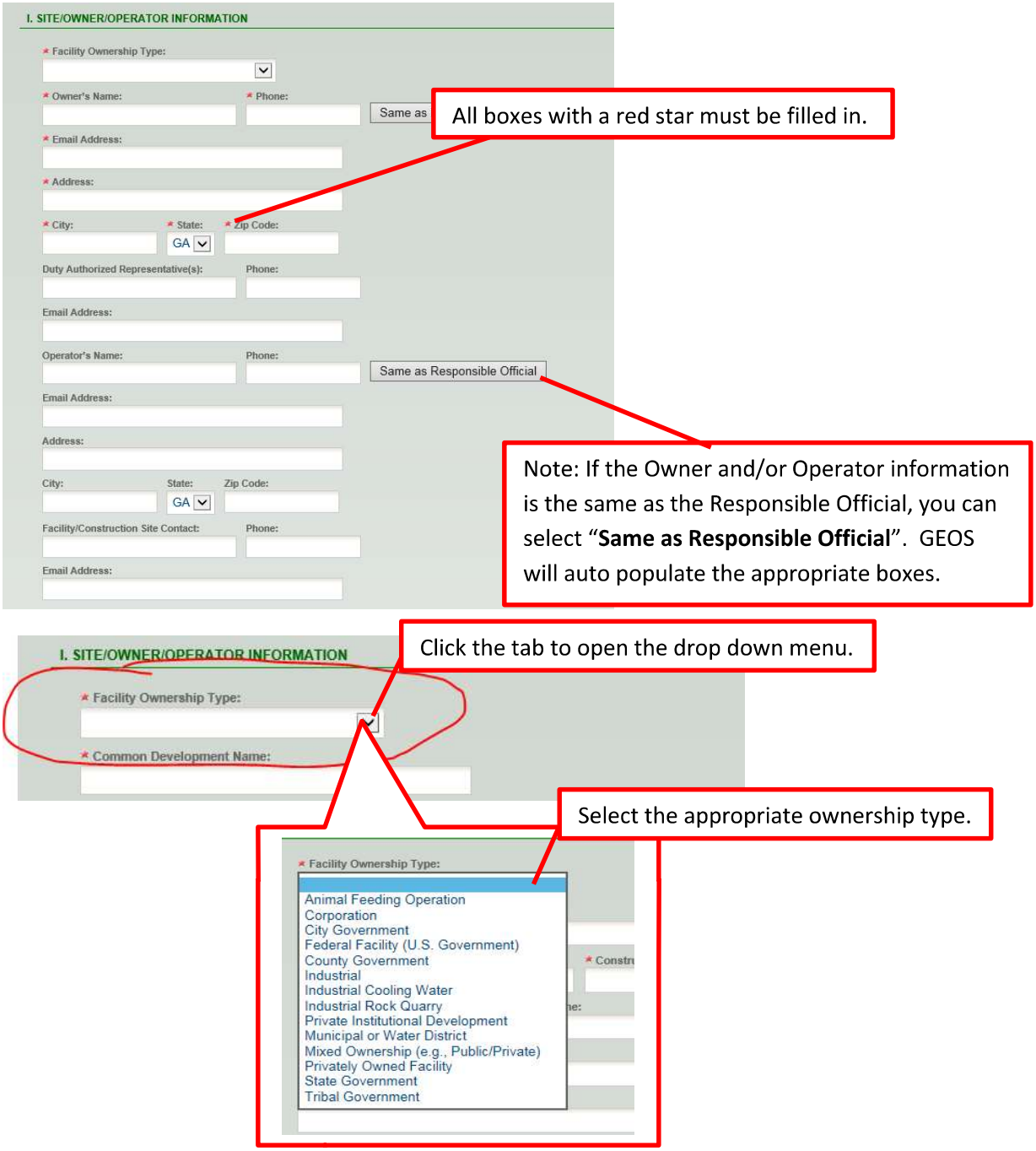
Note: If submitting a Tertiary Permit, there should be no active Primary. If there is an active Primary, then you should submit a NOI for a Secondary Permit. For a Tertiary Permit, continue on page 17.



I.Site/Owner/Operator Information – Stand Alone

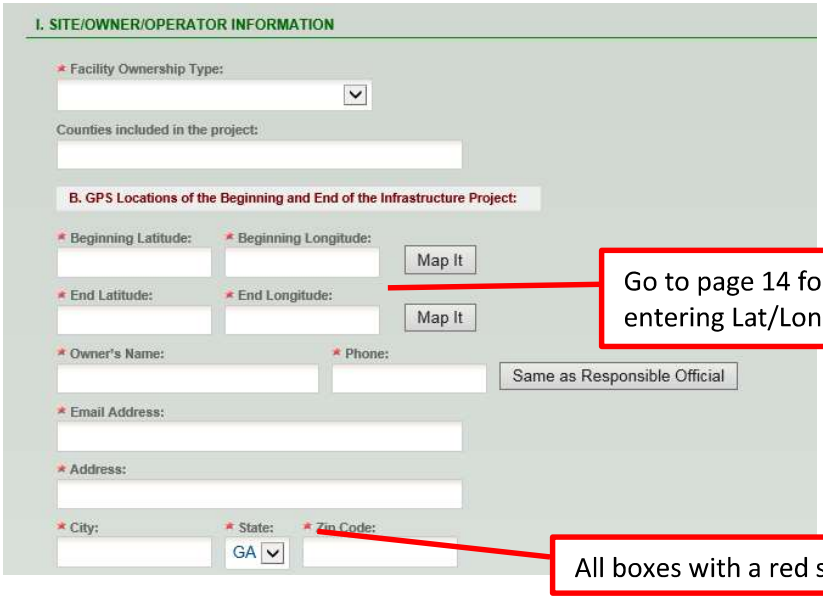
Fill out the fields that apply.

Note: **For Infrastructure, go to page 13. For Common Development-Primary, go to page 15. For Common Development-Secondary, go to page 16. For Common Development-Tertiary, go to page 17.**



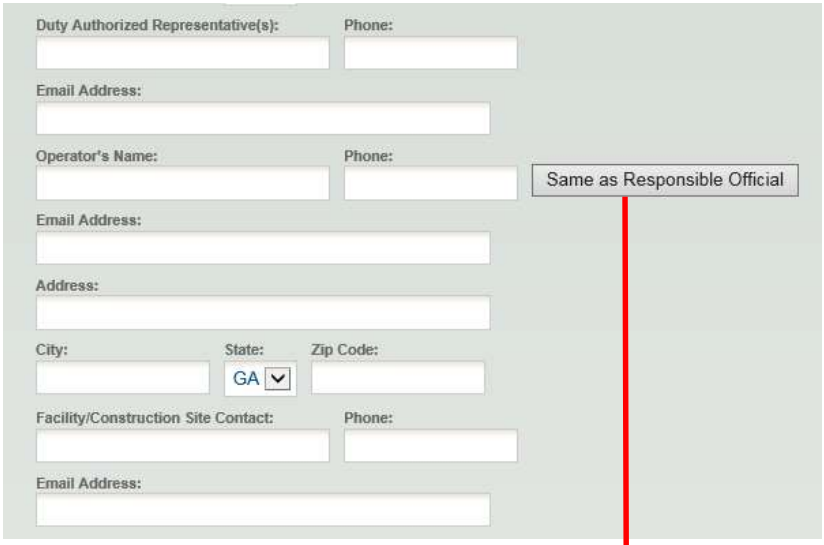
Note: In the box for the Owner email address, enter the email address of the primary contact.
Go to page 19 when you have completed this page.

Site/Owner/Operator Information - Infrastructure Project(s)



Go to page 14 for instructions on entering Lat/Lon.

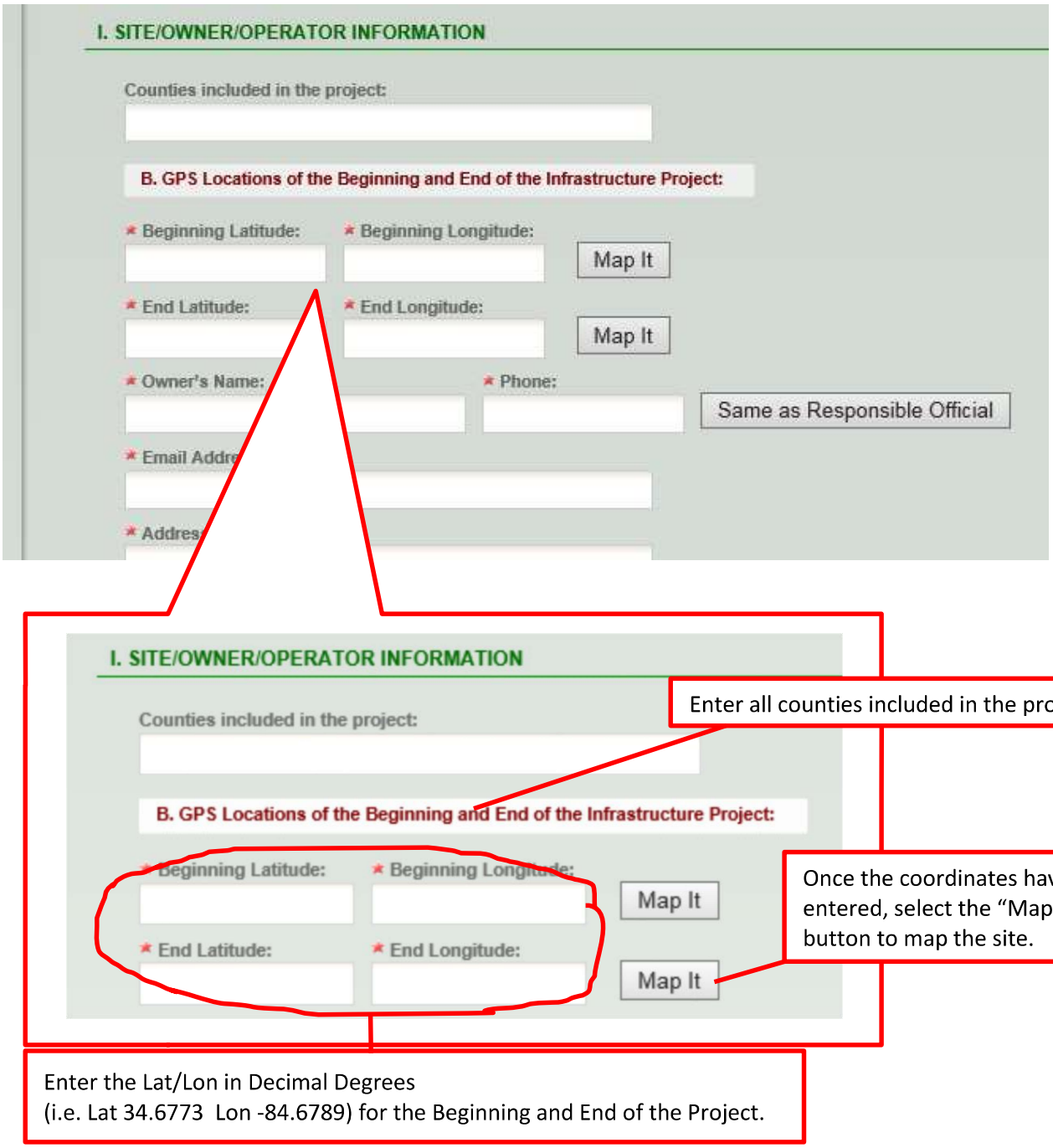
All boxes with a red star must be filled in.



Note: If the Owner and/or Operator information is the same as the Responsible Official, you can select "**Same as Responsible Official**". GEOS will auto populate the appropriate boxes.

Note: In the box for the Owner email address, enter the email address of the primary contact.

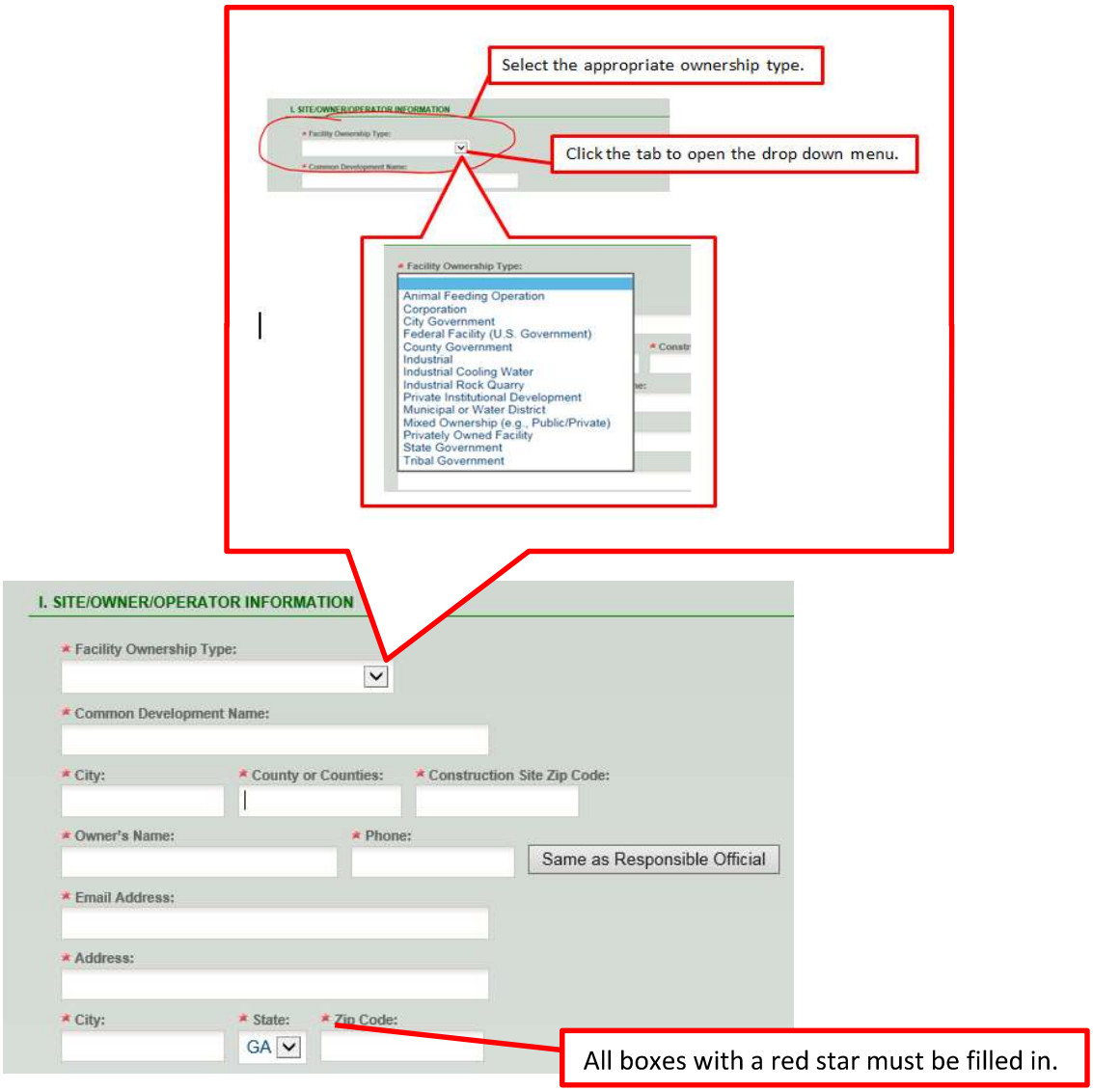
Site/Owner/Operator Information - Infrastructure Project(s) (Continued)



If you do not know the Lat/Lon, click "Map It". When you select the "Map It" button, a pop-up window appears with a map (**See Page 7**). On the map will be a pin. Place the cursor over the pin and hold down the left mouse button. You can drag the pin to the desired location, marking the location of the facility and providing the coordinates that are needed for the Facility Information page. Select "Update", to update the map with the correct coordinates for the facility location.

Go to page 19 when you have completed this page.

I. Site/Owner/Operator Information – Common Development-Primary



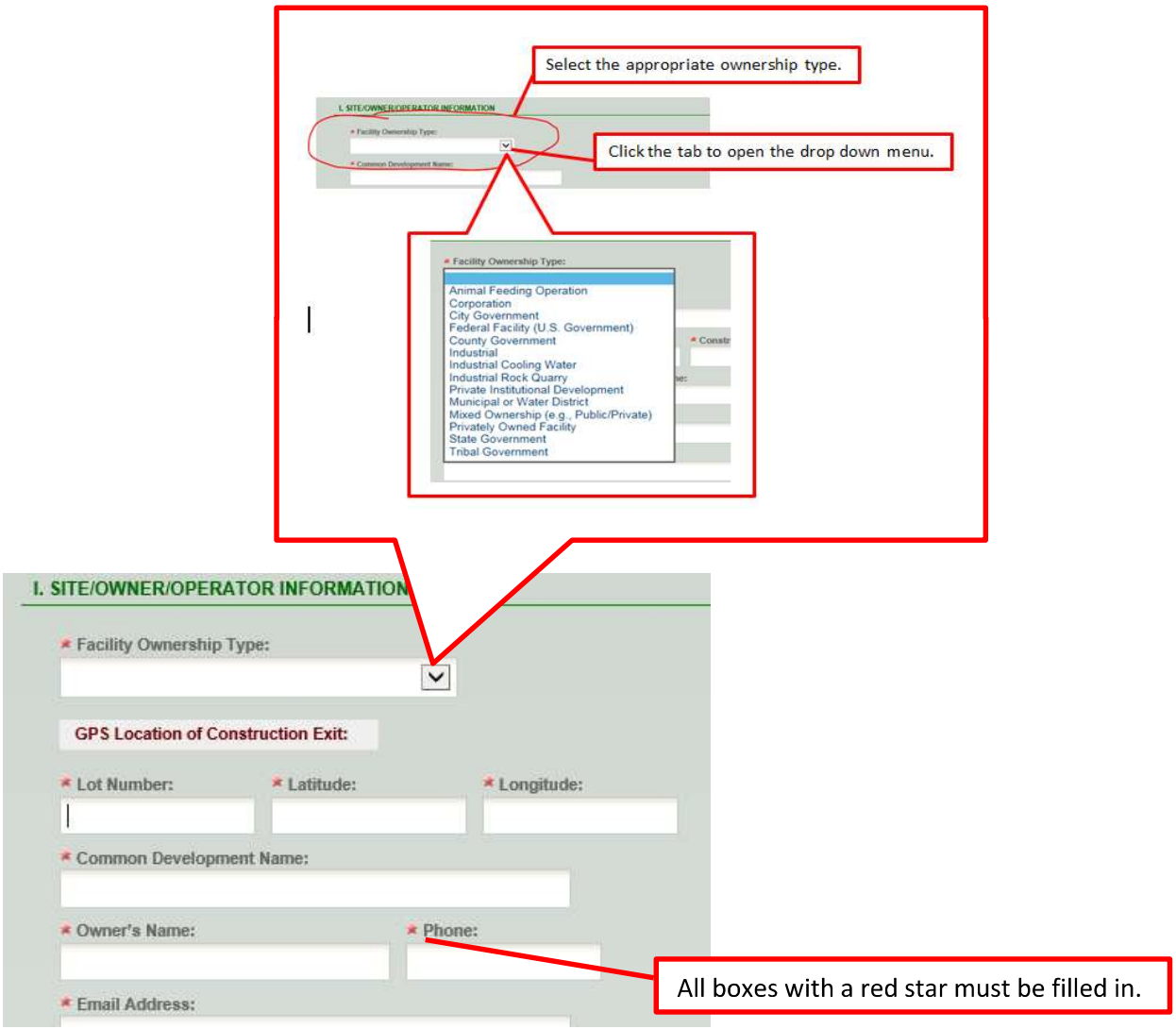
Note: In the box for the Owner email address, enter the email address of the primary contact.

Go to page 18 when you have completed this section to complete the Site/Owner/Operator Information Section.

I. Site/Owner/Operator Information – Common Development-Secondary

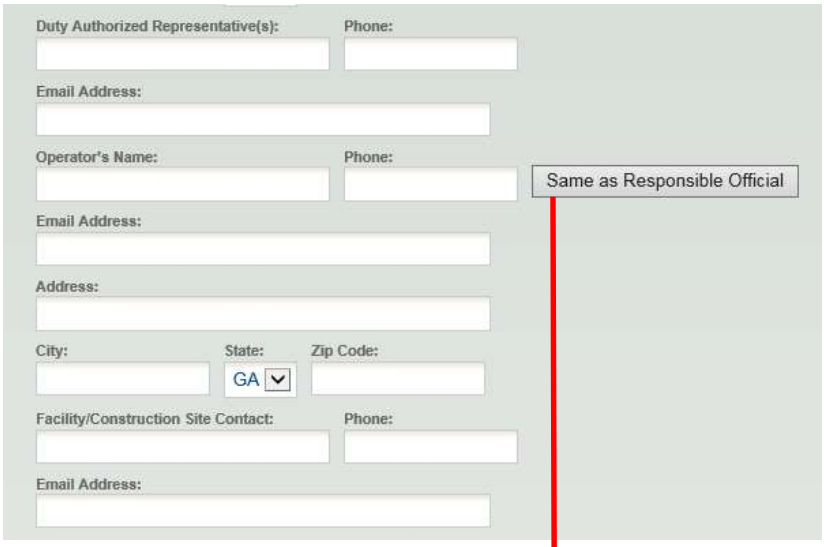
Go to page 18 when you have completed this section to complete the Site/Owner/Operator Information Section.

I. Site/Owner/Operator Information – Common Development-Tertiary



Go to page 18 when you have completed this section to complete the Site/Owner/Operator Information Section.

I. Site/Owner/Operator Information – Common Development - Primary, Secondary, and Tertiary (Continued)



Note: If the Owner and/or Operator information is the same as the Responsible Official, you can select "**Same as Responsible Official**". GEOS will auto populate the appropriate boxes.

If you do not know the Lat/Lon, click "Map It". When you select the "Map It" button, a pop-up window appears with a map (**See Page 7**). On the map will be a pin. Place the cursor over the pin and hold down the left mouse button. You can drag the pin to the desired location, marking the location of the facility and providing the coordinates that are needed for the Facility Information page. Select "Update", to update the map with the correct coordinates for the facility location.

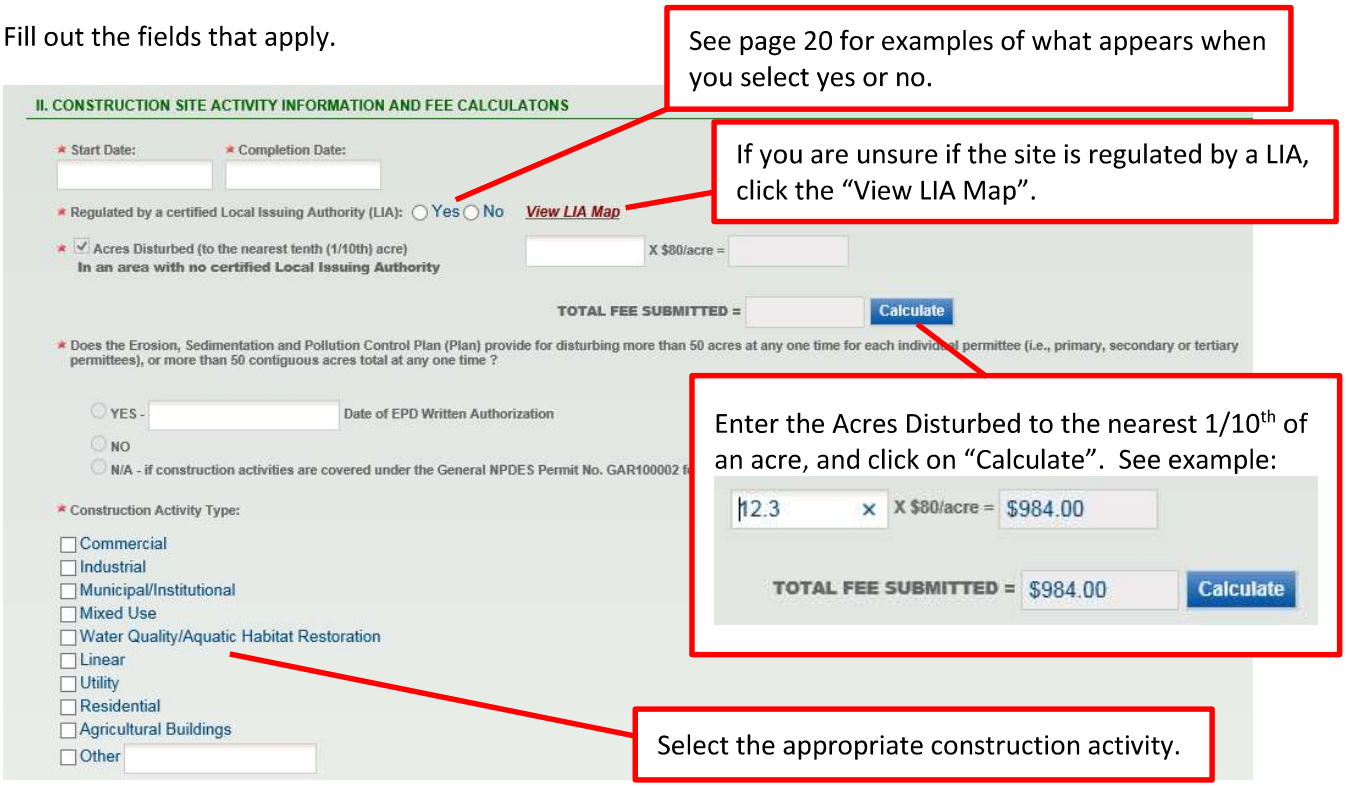
Note: In the box for the Owner email address, enter the email address of the primary contact.

When you have completed this section, go to page 19 for Common Development - Primary.

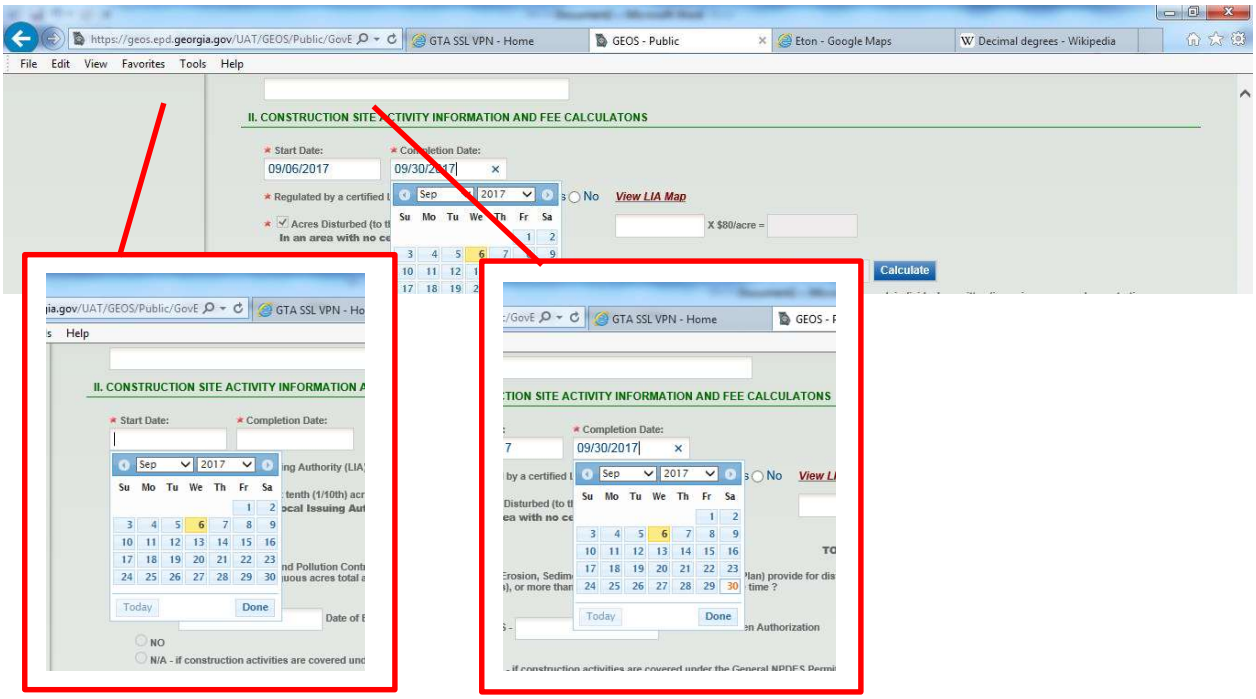
When you have completed this section, go to page 21 for Common Development - Secondary and Tertiary.

II. Construction Site Activity Information and Fee Calculations - Stand Alone, Infrastructure, and Common Development-Primary

Fill out the fields that apply.



When you click on the Start and Completion Date, a drop down calendar appears. Select the dates that apply.

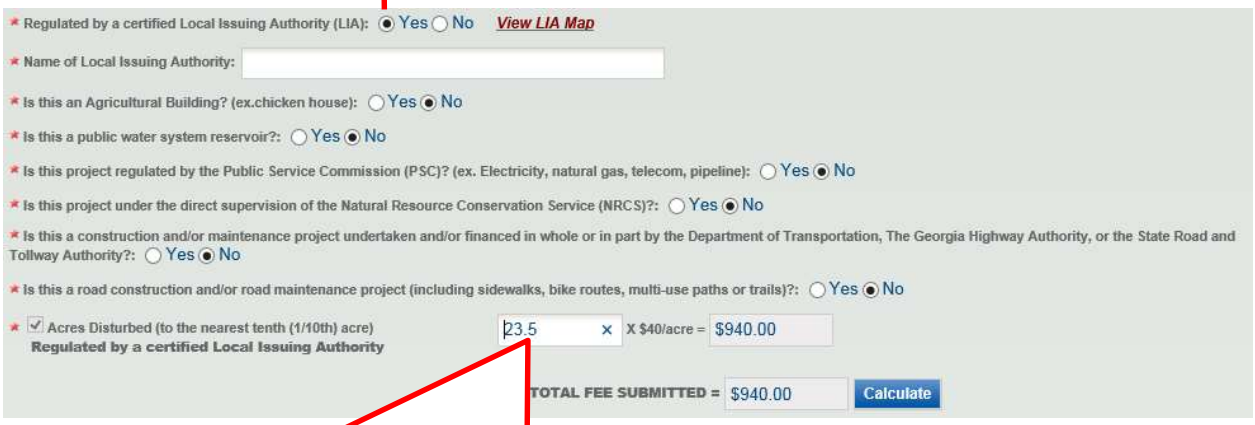


II. Construction Site Activity Information and Fee Calculations - Stand Alone, Infrastructure, and Common Development-Primary (Continued)

Fill out the fields that apply. Including the Acres Disturbed to the nearest 1/10th. Then click on "Calculate" to determine the Total Fee.

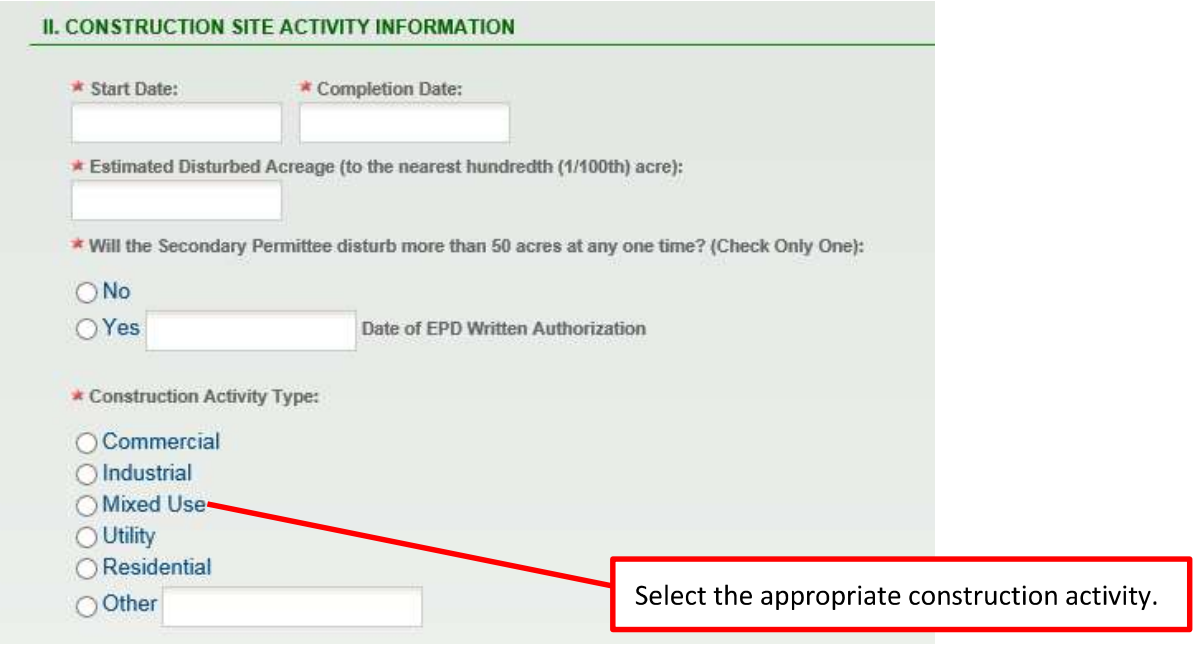
When you select "NO" LIA

If the site is regulated by an LIA, select "Yes". Additional question will appear. Answer each question, then enter the Acres Disturbed and select "Calculate".

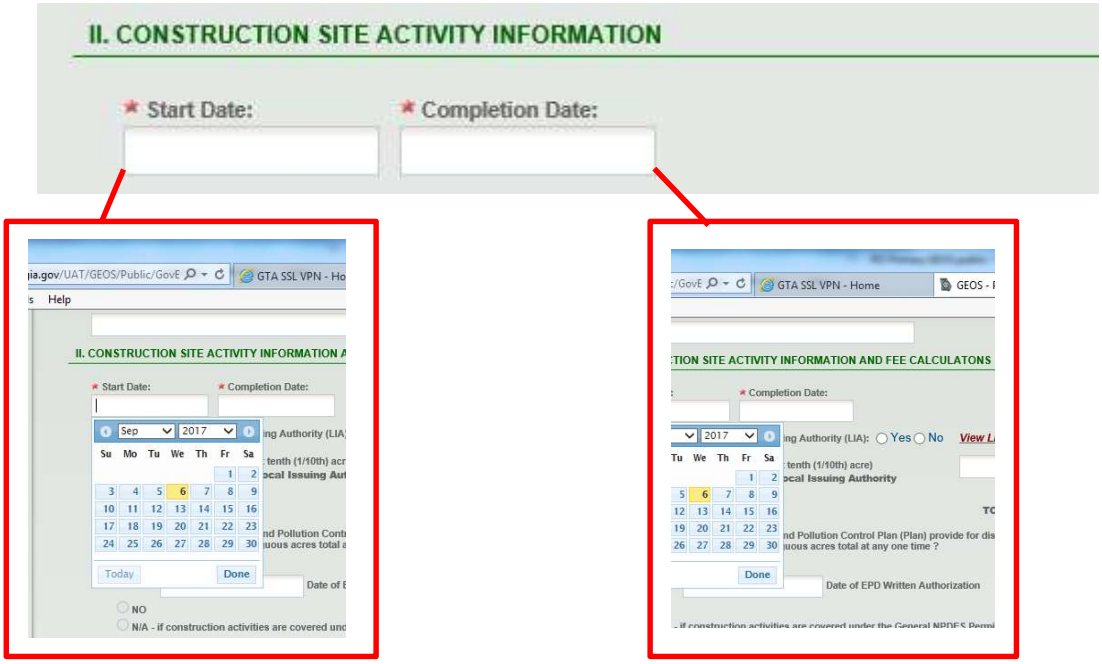


When you have completed this section, go to page 23 "Receiving Water Information".

II. Construction Site Activity Information - Common Development-Secondary

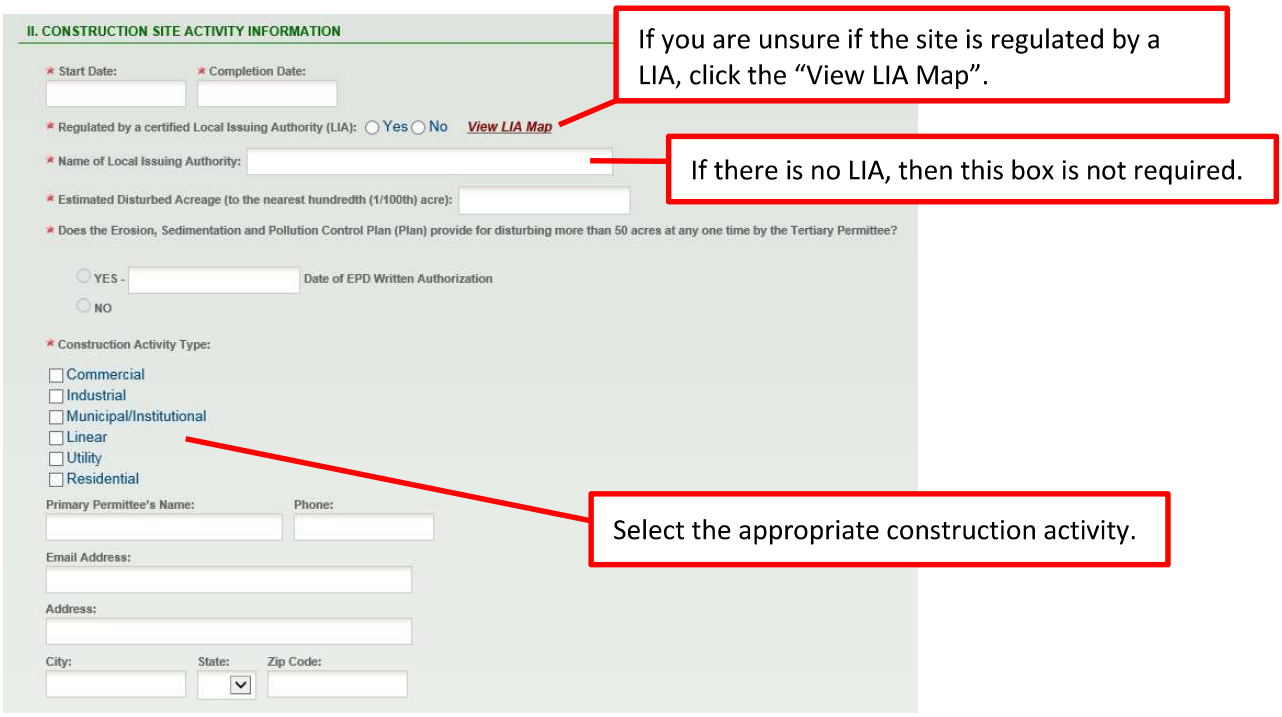


When you click on the Start and Completion Date, a drop down calendar appears. Select the dates that apply.

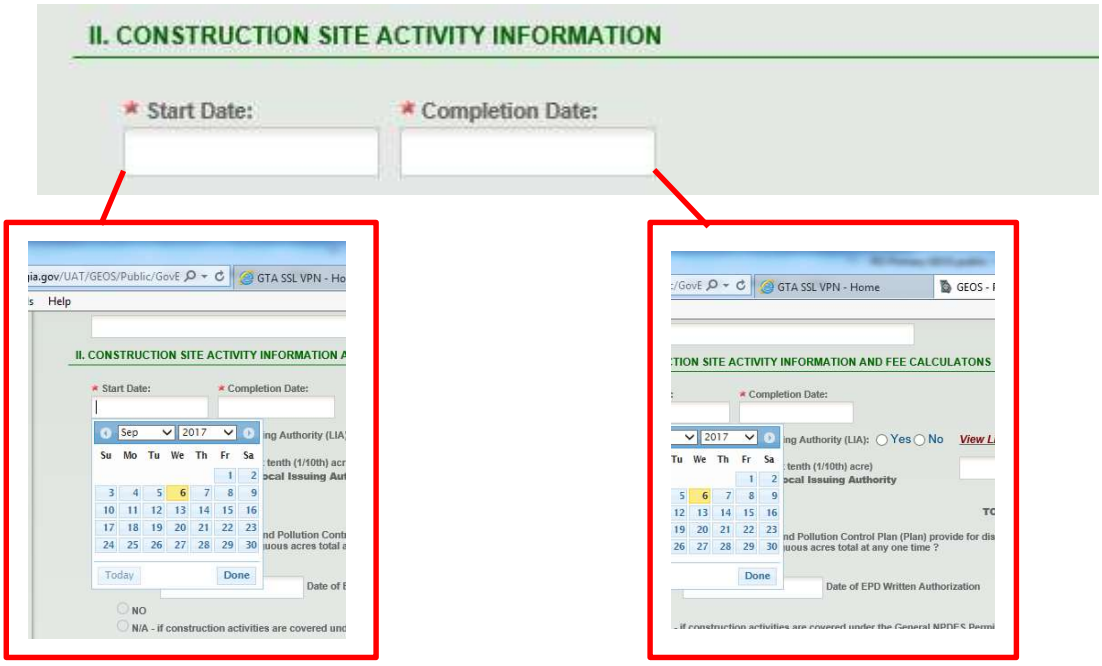


When you have completed this section, go to page 23 "Receiving Water Information".

II. Construction Site Activity Information - Common Development-Tertiary



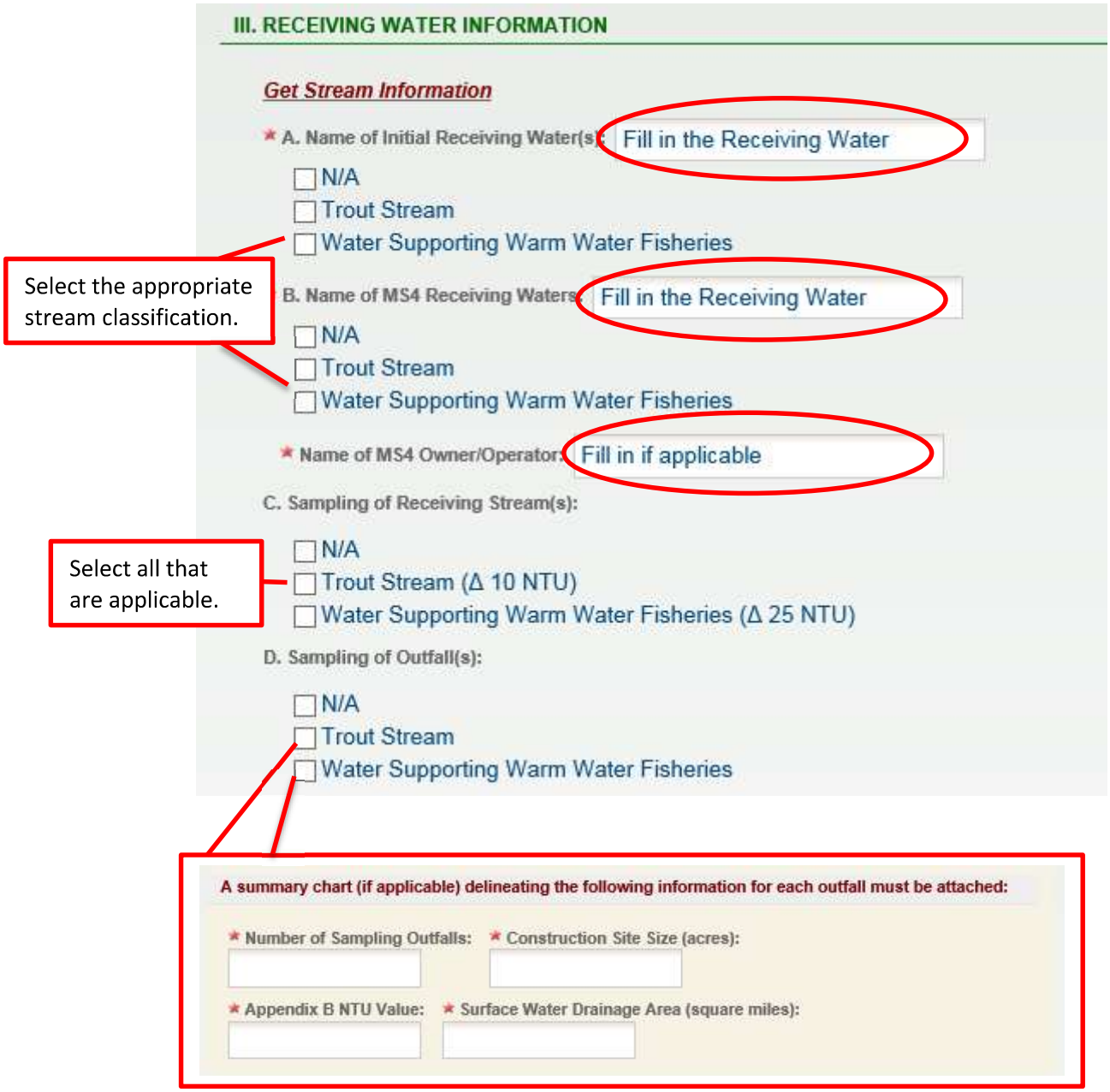
When you click on the Start and Completion Date, a drop down calendar appears. Select the dates that apply.



When you have completed this section, go to page 23 "Receiving Water Information".

III. Receiving Water Information

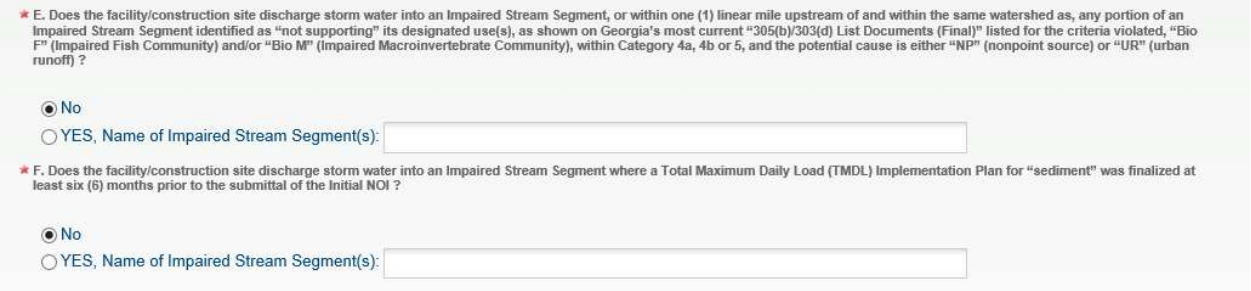
Fill in all applicable fields.



When selecting the appropriate Outfall(s) sampling, additional boxes will appear. Fill in the boxes before moving to the next section.

III. Receiving Water Information (Continued)

Select the option(s) that apply to the site.

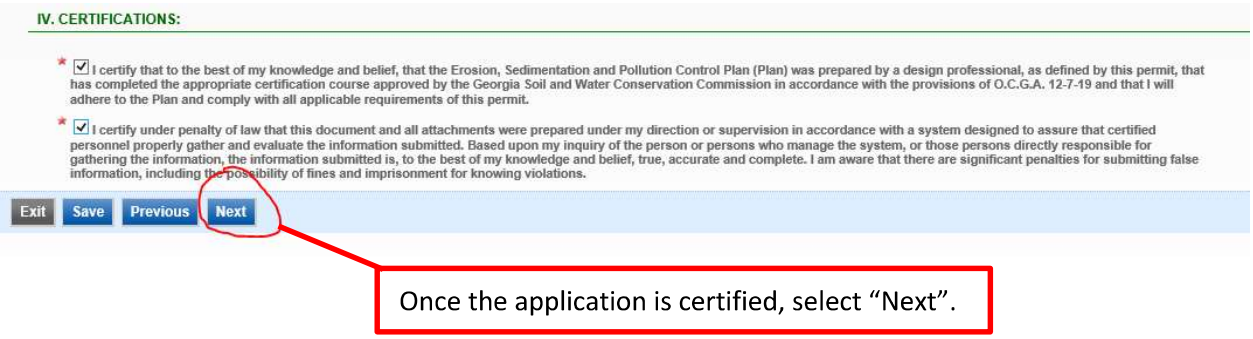


Once you have entered all the appropriate information in Section III "Receiving Water Information" , continue on the same page to Section IV "Certifications".

IV.Certifications

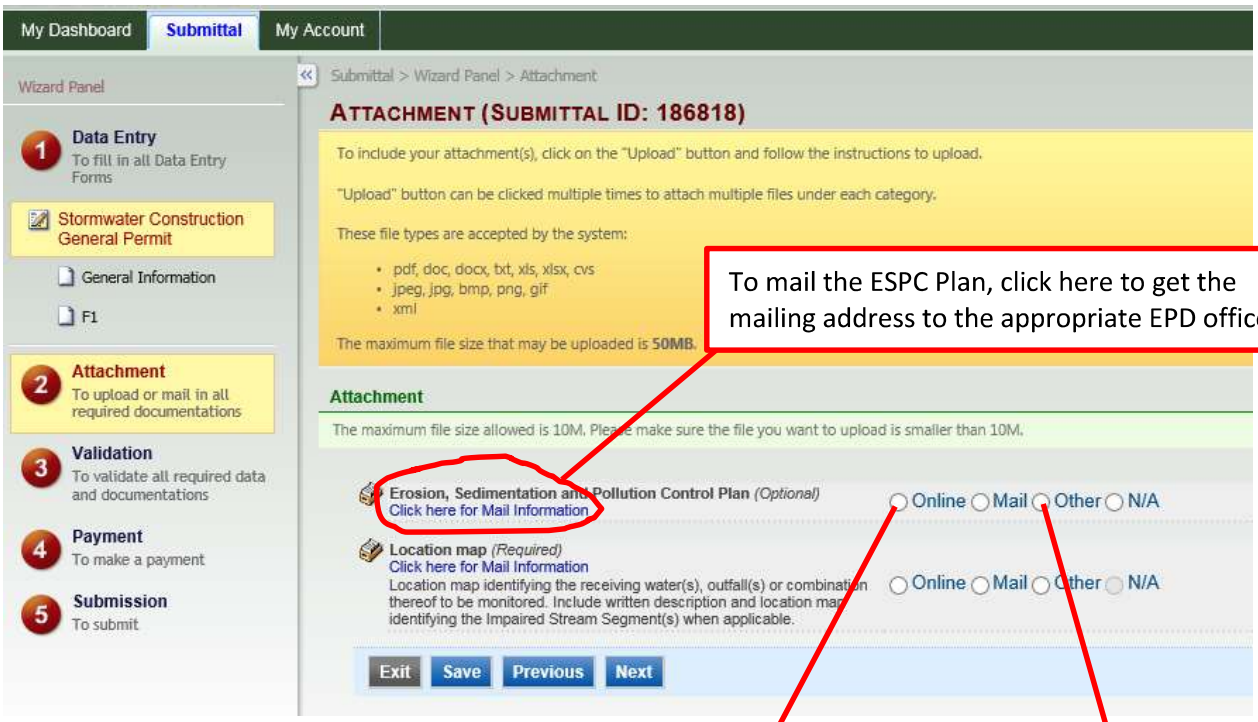
Carefully read the Certifications

Click both empty boxes to select and confirm agreement.



Once the application is certified, select "Next".

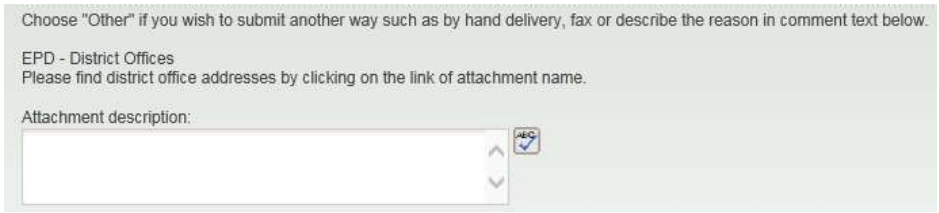
Attachments



To mail the ESPC Plan, click here to get the mailing address to the appropriate EPD office.

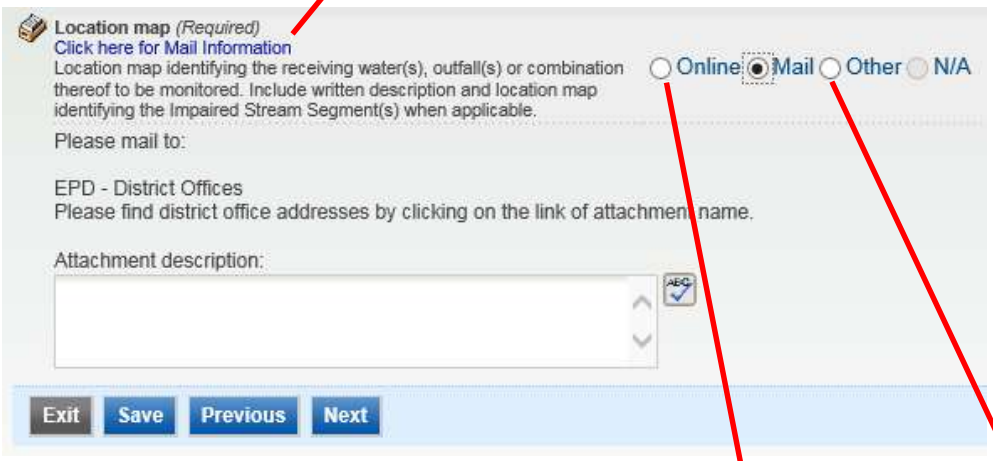
To submit a digital ESPC Plan, select “Online”, and upload the file.

To “Hand Deliver the ESPC Plan, select “Other”.



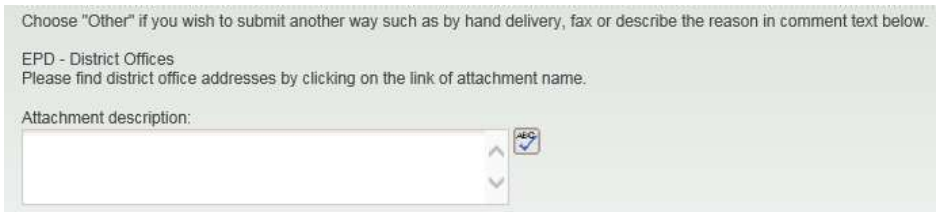
Attachments (Continued)

To mail the Location Map, click here to get the mailing address to the appropriate EPD office.



To submit a digital Location Map, select “Online”, and upload the file.

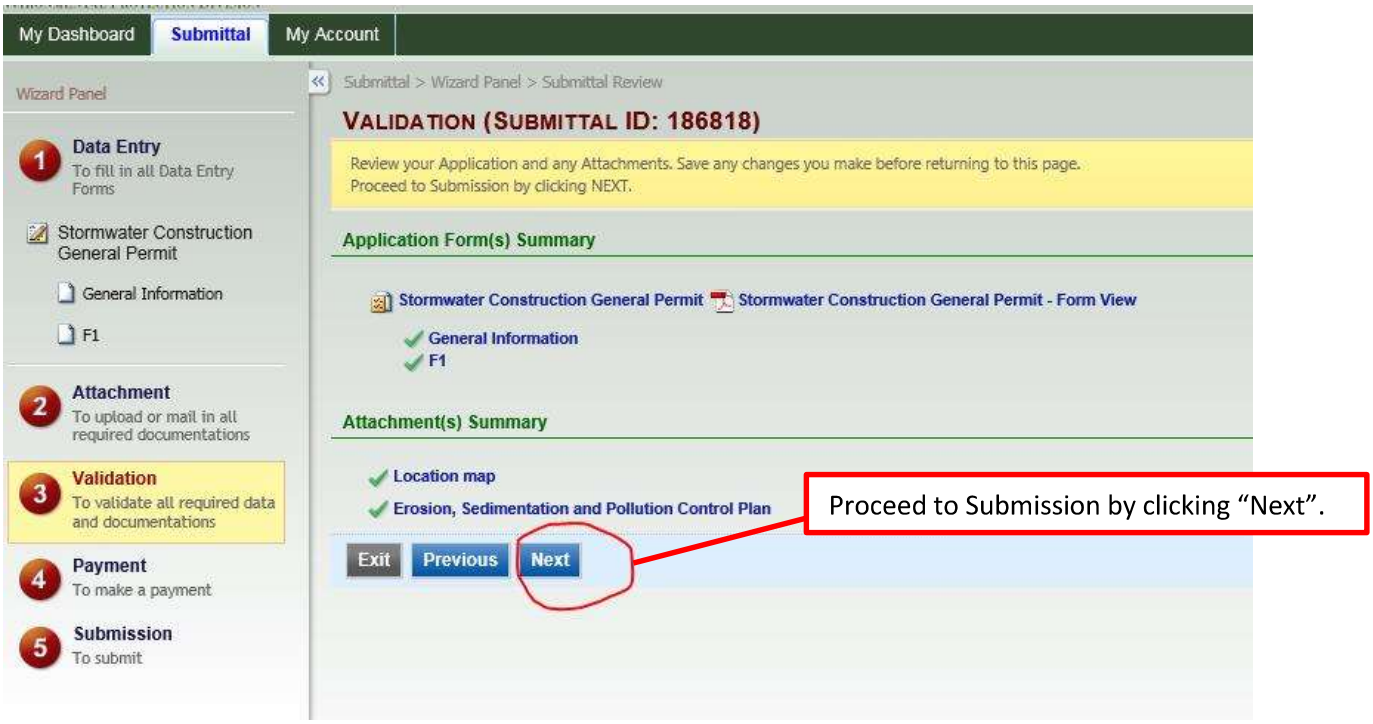
To “Hand Deliver a Location Map, select “Other”.



Validation

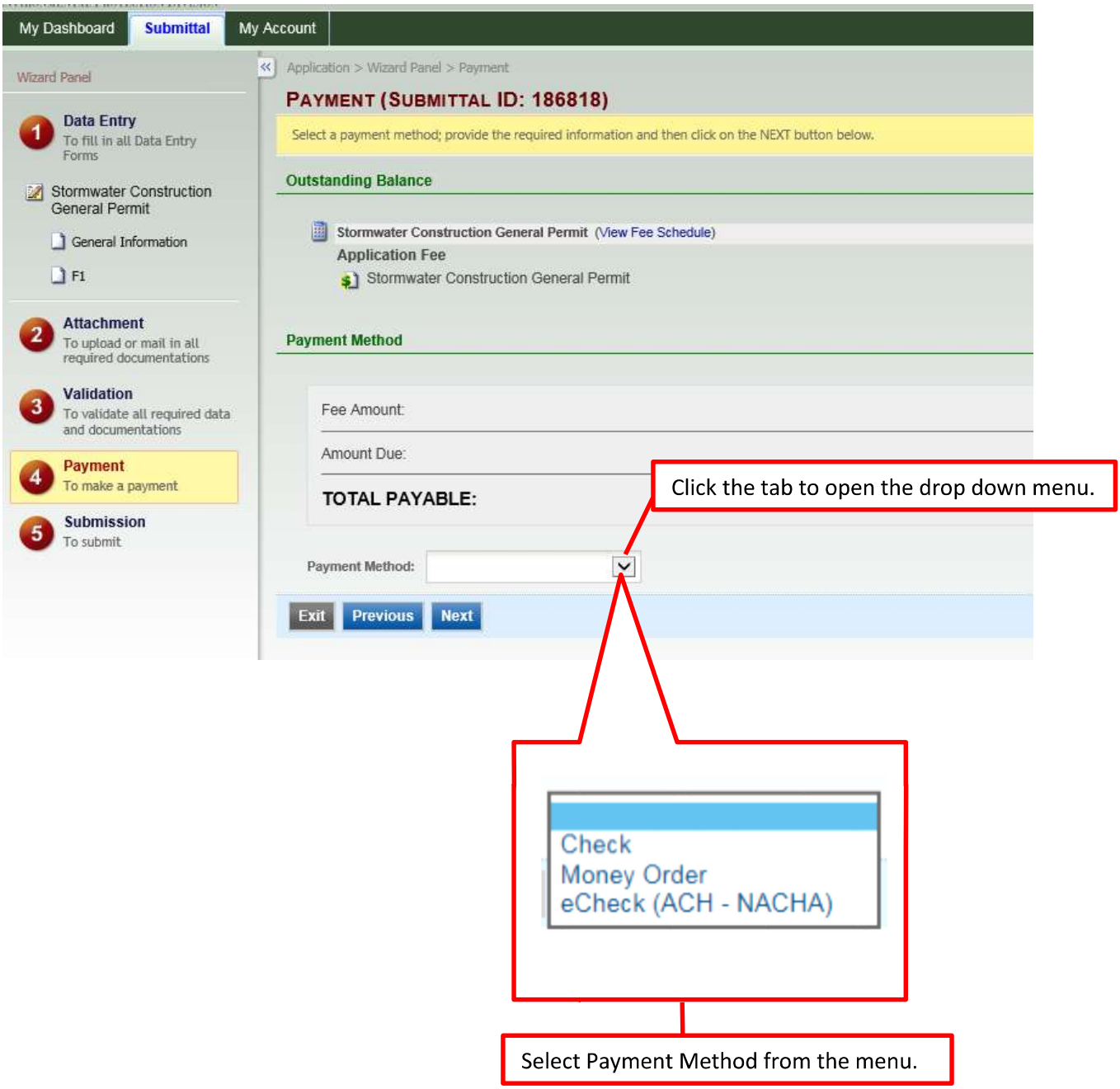
Review your Application and any Attachments.

***Save any changes you make before returning to this page.**

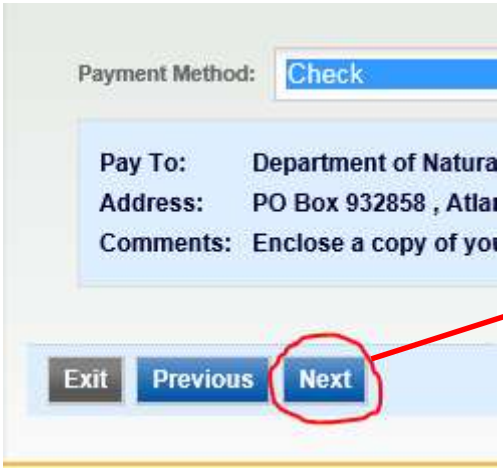


Payment

NOTE: Fees are associated with Primary Notices of Intent. The fee is $40 an acre if project is under the jurisdiction of a Local Issuing Authority, and $80 an acre if there is no Local Issuing Authority or the project does not fall under Local Issuing Authority jurisdiction.

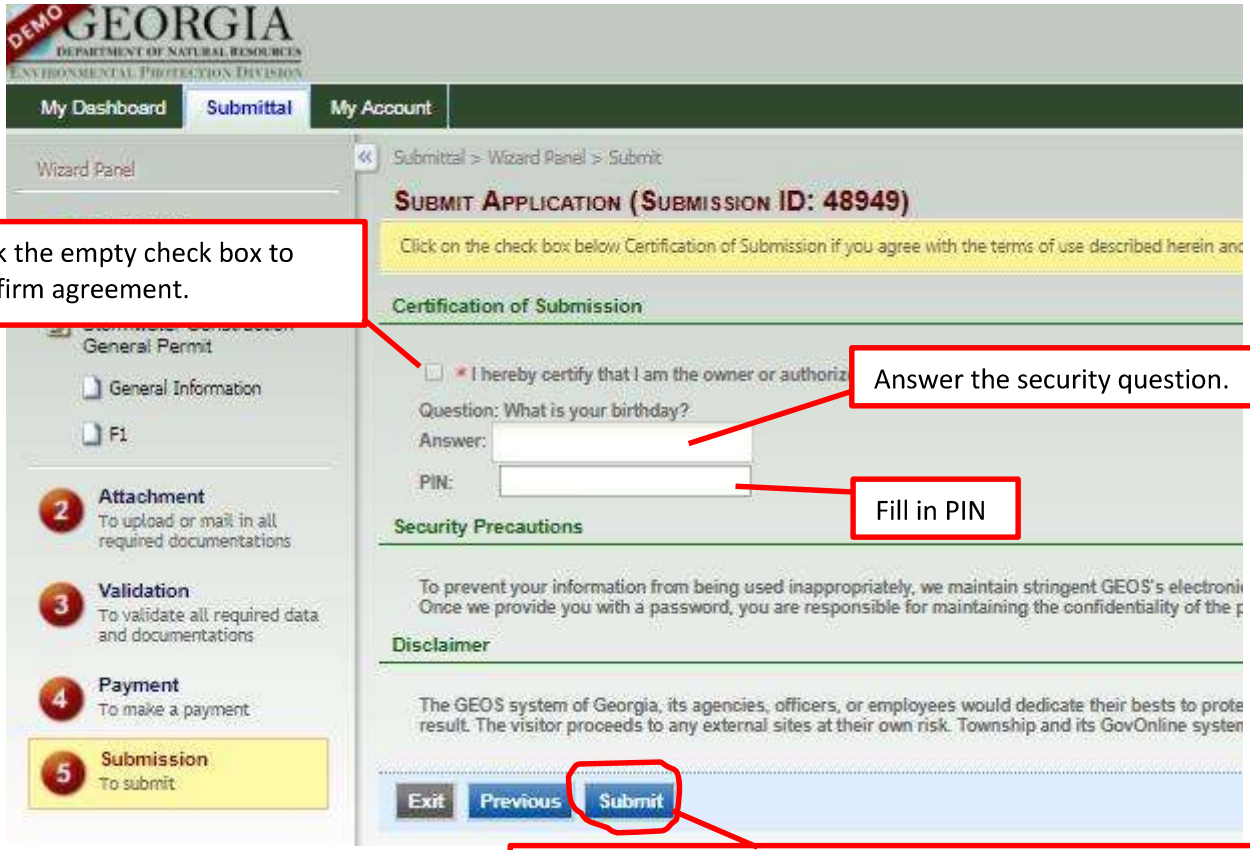


Payment (Continued)



Proceed to by clicking “Next”.

Submit Application



Click the empty check box to confirm agreement.

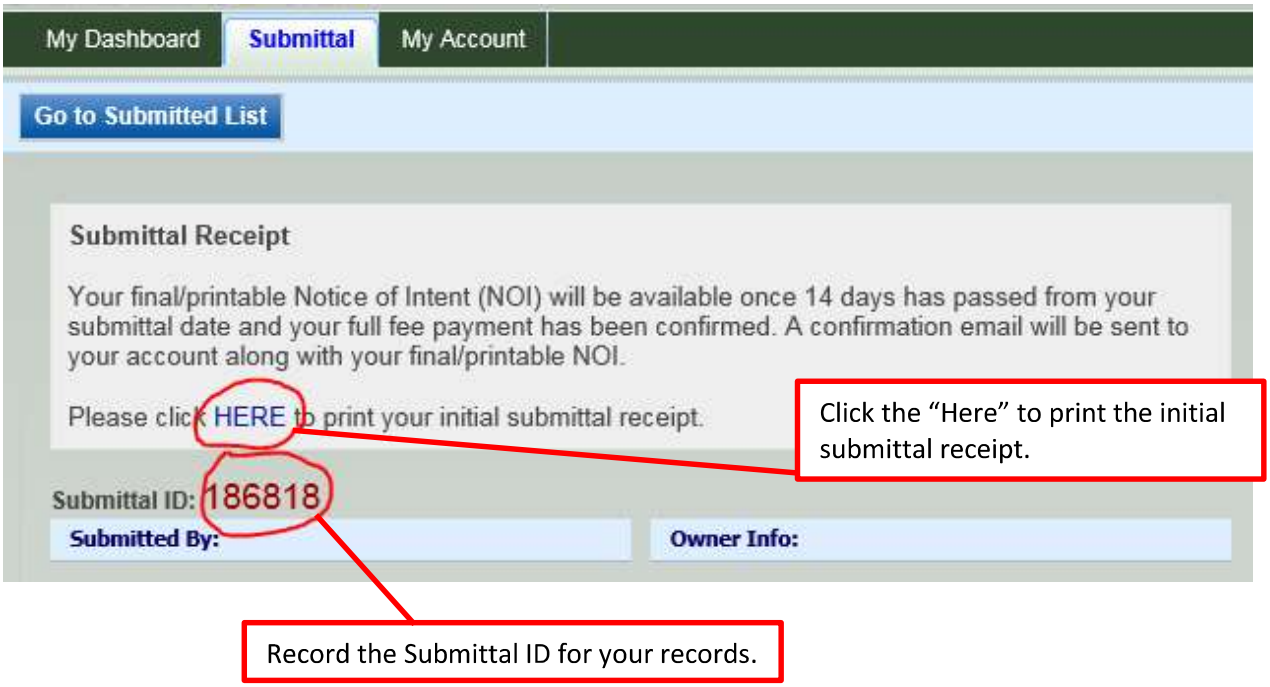
Answer the security question.

Fill in PIN

Click on the “SUBMIT” button to complete your application.

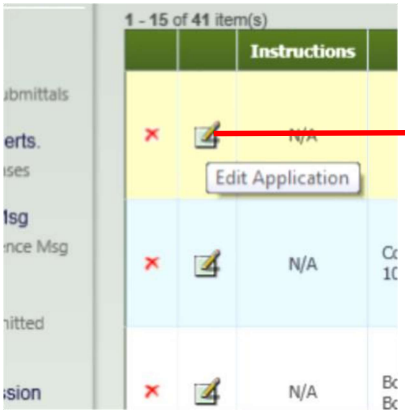
Submittal Receipt

Once you submit your application you will be taken to the Receipt page.



How to edit a pending submittal using GEOS

To edit a submittal, select "**Edit Pending Submittals**".



To edit a submittal, select the "Edit" Icon. You will be taken to the "**Coverage Desired**" page. Go to Page 4.

GEORGIA
DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL PROTECTION DIVISION

Georgia Department of Natural Resources
Online Permitting & Reporting

NOTE: The system might be inaccessible during maintenance hours every Saturday and Sunday from 12:00 AM to 8:00 AM.

Announcement: Effective March 1, 2019 air permit applications are subject to fees. Please contact the Air Branch at 404-363-7000 or visit our webpage https://epd.georgia.gov/air-permit-fees for additional information.

Welcome to Georgia EPD Online System (GEOS) for Permitting, Compliance and Facility Information

Online services offer the convenience of obtaining environmental permits and submitting compliance reports online. It supports the following features:

- Establish a user account and manage all your submittals online;
- Apply environmental permits, certificates, licenses and other environmental issuances online;
- Submit environmental reports;
- Monitor processing status of your online submittals;
- Receive e-mail notifications on permitting results;
- Receive e-mail alerts for upcoming reporting obligations;
- Submit requests to revise permits or submit revised reports;
- Track historical versions of all submittals.

Public Inquiry Portal: Search for Applications and Permits Submitted in GEOS

ALERT: ALL INFORMATION SUBMITTED USING GEOS IS OPEN AND AVAILABLE TO THE PUBLIC.
Information that a person claims is not subject to disclosure to the public ("Non-disclosure Claims") **MUST** be submitted to EPD in compliance with *EPD's Procedures for Submitting Information Pursuant to a Claim That Information in the Submittal is Protected Under Georgia Law from Disclosure to the Public*

Instructions as to how to indicate in GEOS submittals (and any attachments thereto) that information has been excluded pursuant to a Non-disclosure Claim will be provided in each submittal form, e.g., the blank permit application form.

Non-Disclosure Claims Information Instructions and Forms

EPD Mailing Address: Georgia Department of Natural Resources, Environmental Protection Division, 2 Martin Luther King Jr. Drive, Suite 1456, East Tower, Atlanta, GA 30334

EPD Phone Number: Watershed Protection Branch: 404-463-1511; Air Protection Branch: 404-363-7000; Land Protection Branch: 404-657-8600
For account registration issue, please contact support@gaepd.zendesk.com

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