



U.S. Environmental Protection Agency, Region 4
61 Forsyth Street SW, Atlanta, GA 30303
Water Compliance Inspection Report

FACILITY DATA

NPDES ID: GAR38F4F0	Effective Date: 8/1/18	Expiration Date: Admin. Continued
Facility Name: Gees Mill Road Community		SIC Code: Construction
Address: 2325 Gees Road NE / Conyers, GA 30013		
On-Site Representative: Chase Myers Site Superintendent cmyers@rocklynhomes.com (678) 630-3380		Responsible Official: Tim Jenkins Tjenkins@Rocklynhomes.com (404) 975-8119

INSPECTION ENTRY DATES/TIMES

Entry Date/Time: 1:10pm 08/24/2023	Exit Date/Time: 3:00pm 08/24/2023
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NAMES OF STATE INSPECTORS

Kaaba Johnson & Orlando – Rockdale County (LIA)
Annabelle Bradstock and Amanda Mitchell – GA EPD

AREAS EVALUATED DURING INSPECTION (Check those areas evaluated)

☐	Permit	☒	Self-Compliance Program	☐	Pretreatment
☒	Records	☐	Compliance Schedule	☐	Pollution Prevention
☒	Facility Site Review	☐	Laboratory	☒	Storm Water
☒	Effluent/ Receiving Waters	☐	Operations & Maintenance	☐	Combined Sewer Overflow
☐	Flow Measurement	☐	Sludge Handling/ Disposal	☐	Sanitary Sewer Overflow

INSPECTION SUMMARY

EPA REPRESENTATIVE

Inspector Signature/Name	Office/Phone Number
 Mark Robertson	USEPA Region 4/ECAD-WEB-WWES 404-562-9639
CELINA RUSSO Digitally signed by CELINA RUSSO Date: 2023.11.20 13:07:40 -05'00'	USEPA Region 4/ECAD-WEB-WWES 404-562-9804
Celina Russo	
Management Signature/Name	Office/Phone Number
 Ahmad Dromgoole, Section Chief	USEPA Region 4/ECAD-WEB-WWES 404-562-9212

NPDES Construction Stormwater Worksheet (Georgia)

1. FACILITY LOCATION INFORMATION

GPS Coordinates	Latitude	33.6516	Longitude	-83.9699
Receiving Water(s), or MS4	UT of Yellow River		Weather Conditions: Sunny, hot	
Total site area acres & disturbed acres Part IV.D.2.c	~35.6 acres disturbed	Construction Start Date	Oct 2021 (NOI)	Construction End Date Oct 2024 (NOI)
Date NOI submitted: Part I.D	09/22/2021	Email on NOI:	tjenkins@rocklyn homes.com	Discharge to 303(d) listed or TMDL waters No.
Has Owner or Operator changed?	No.	Has a new NOI been submitted?	N/A	Receiving water: warm water fishery or a trout stream? WWF

2. EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN INFORMATION, And Supporting Documents Part IV

(A copy of the Plan may be brought back to the office for a complete review)

PLAN TOPICS	YES	NO	N/E
Plan on site? Part IV.F.1 IV.B.1	X		
Erosion, Sedimentation, and Pollution Control Plan or "ESCP Plan": modified or update to current conditions? (date of plan?)(who is LIA?) Parts IV.C, IV.D.4.a(5) <i>Rockdale County is the Local Issuing Authority. Plans were dated 11/15/2021.</i>	X		
Construction schedule describes the intended sequence and implementation date of BMPs? A description of interim & permanent stabilization measures Parts IV.D.2.b & IV.D.3	X		
Plan has ESPC checklist from GSWCC? Part IVD.1 <i>The completed checklist was on Sheet C6.00</i>	X		
ESPCP has Site description? [nature of construction; description and timeline of sequence of activities; total area of site and disturbed portion; peak discharge info of site before and after construction.]	X		
Initial BMPs installed prior to conducting clearing grubbing and grading Part III.D.2	X		
Direction of stormwater flow and slope identified on map? Part IV.D.2.e	X		
Design values for basins included in ESPCP? (134 cubic yards/acre drained since >50 acres) Design includes surface withdrawal or explanation? Part IV.D.3(a)(3)	X		
Plan has post construction stormwater management? Part IV.D.3(b)	X		
Plan has other waste management controls, e.g., waste disposal, materials storage, track-out, concrete washout, and dewatering controls? Part IV.D.3(c)	X		
Map includes drainage patterns and slopes anticipated after construction is complete, areas of disturbance, areas of no disturbance, surface waters including acreage of wetlands? Part IV.D.2e	X		
Map has major structural/nonstructural BMP controls located? Parts IV.D.3, IV.D.2.e	X		
Map has name(s) of receiving waters, wetland acreage, or MS4 listed on map? Part IV.D.2.f	X		

Map shows stream buffer requirements?	Part IV.(i), (ii), & (iii)	X		
Map has stormwater discharge/outfall location(s) identified?	Parts IV.D.2.e	X		
NOI Has Legal name, address, email address, and phone number? <i>A copy of the NOI was kept in the job box onsite (see photos DSCN1156-1157). The primary permittee is Rocklyn Homes.</i>	II.B.1.b	X		
NOI has legal name phone number and email of the individual who has daily operational control <i>Tim Jenkins (tjenkins@rocklynhomes.com) was listed as the site contact.</i>	II.B.1.c	X		
NOI has project start and completion dates, timing of various construction activities, eventual disturbed acreage	III.B.1.f	X		
NOI has location of receiving waters and outfalls to be sampled, plus applicable NTU for use in monitoring required by III.D.5. <i>Site is sampling at two outfall locations.</i>	II.B.i	X		

3. SITE DESCRIPTION and PLAN

Project is the construction of a residential subdivision off Gees Mill Road. Project has been divided into a Phase I and Phase II, as shown in photo DSCN1154. The site is served by two pond systems, one of which is located to the northeast corner (see photo DSCN1155) and the other in the south. The southern pond system is comprised of an upper basin and a lower basin. The two basins are connected by a trench.

4. RECORD REVIEW

Record Review	YES	NO	N/E
Representative on-site	X		
Records available on-site or "readily available"	Part IV.F.1 X		
Sampling completed for first rain event of 0.5 inches or greater within 45 min of storm or accumulation Parts IV.D.6.d & IV.F.1.d			X
Sampling requirement details: Topo map; methods for collection and analysis; rationale for NTU limit selection. (40 CFR 136 methods required)(all outfalls/receiving waters monitored) <i>Appendix B rationale for the NTU limit was included and sampling locations were shown on the site map.</i>	Part IV.D.6 X		
Representative sampling locations	X		
Sampling conducted within 45 minutes of discharge	Part IV.D.6.d(1)		X
Increased turbidity sampling conducted as necessary and corrective actions taken two days after an exceedance Part IV.D.6.d(3)(c)			X
Sampling reports have required elements (date, time of collection; personnel; date and time of analysis; methods used; analytic personnel; results including bench sheets and chain of custody). <i>The most recent sampling report in the SWPPP binder was from January 2023. Sampling reports are submitted electronically, and more recent reports were not available for onsite review.</i>	Part IV.E.2 X		
Daily inspections conducted and adequate	Part IV.D.4.a(1)		X
Daily rainfall records	Part IV.D.4.a(2)		X

Records for inspections conducted in accordance with schedules in permit (1/7 days or within 24 hours after 0.5 in of rain: plus 1/month for areas that have undergone final stabilization) (includes inspection of accessible outfalls) Parts IV.D.4.a(3) & (4)			X
<i>The most recent two self-inspections were done on 08/11/23 and 08/14/23. Additional review of self-inspection records is needed to make a compliance determination.</i>			
Weekly and rain event inspections were conducted by certified personnel Parts IV.D.4.a(3)	X		
<i>Self-inspections were performed by GSWCC Level 1A certified personnel.</i>			
Plans revised and recorded within 7 calendar days after improvements noted as necessary during inspections Part IV.D.4.a(5) & (6)	X		
Stabilization measures initiated on site w/in 14 days after construction has ceased in an area Part IV.D.3.a(1)			X
Design professional evaluated BMPs within 7 days after installation Part IV.A.5	X		
<i>The letter from the design professional was dated 04/11/2022.</i>			

5. FIELD EVALUATION & PLAN IMPLEMENTATION

Structural Practices Part IV.D	Check BMPs Listed in the Plan	Note location, quantitative description, design issue, O&M deficiencies (including the nature and extent), and sediment off site in accordance with the <u>Field Manual for Erosion and Sediment Control in GA.</u>
Silt Fences	X	<i>Silt fences behind the pump station have been overtopped, leading to sediment transfer and deposition (as shown in photo DSCN1161) in the wooded area.</i> <i>There was a double row of silt fences near the outlet structure by the Phase II Pond system. Sediment had been deposited in the wooded area just beyond the silt fences (see photo DSCN1171).</i>
Storm Drain Inlet/Outlet Protection (Specify: Filter Fabric, Gravel Bags, etc.)	X	<i>One of the storm drain inlets into the upper basin of the souther pond, shown in photo DSCN1162, had improperly installed riprap, which was causing sediment to partially clog the pipe.</i>
Sedimentation Ponds (1800 cubic feet of storage required per acre drained or written rationale)	X	<i>Phase I of the construction project is served by a pond in the northeastern corner (see photo DSCN1159). As shown in photo DSCN1155, the design for the outlet structure in the Plan includes both a filter ring and the use of a skimmer at the outlet structure. As shown in photo DSCN1160, the riser structure does not conform to the Plan. A rock filter ring was not installed, and the floating surface skimmer was inoperable. The outfall of the northeast pond, shown in photo DSCN1162 was in need of maintenance; the silt fence was damaged, and the riprap placement was irregular.</i> <i>A second pond system, consisting of two connected basins, was installed to serve the Phase II area of the project to the south. As shown in photo DSCN1163, the northern wall of the upper pond is not fully grassed/stabilized and has partially sloughed into the pond. An additional view of the unstabilized northern wall is shown in photo DSCN1164. The northwest corner of the basin, shown in photo DSCN1165, was also eroding and sediment deposited below the rills had accumulate above the water surface. The lower pond, shown in photos DSCN1167 and DSCN1168, was inadequately vegetated and not stabilized. The riprap apron below the lower basin's outfall may be improperly installed, as shown in photos DSCN1169-1170. Plans should be checked to ensure this pond system is installed according to design specifications.</i>

Check Dams		
Drainage Swales	X	<i>A cut channel connects the upper and lower basins of the Phase II area. As shown in photos DSCN1165 and DSCN1166, the walls of this swale are vertical and thus not stable. Erosion of the trench walls was increasing sediment load. Conveyances should be sloped and stabilized per the Georgia Field Manual.</i>
Stabilization Practices Part IV.D.	Check BMPs Listed in the ESPCP	Temporary or permanent stabilization must be initiated w/in 14 days in portions of site where construction activities have temporarily or permanently ceased
Seeding, Mulching, Vegetation, Matting, Sodding, Geotextiles	X	<i>In several areas, the grass cover was insufficient to prevent erosion or meet Georgia's 100% cover at 70% density standard for stabilization.</i>
Other BMP Controls to Reduce Pollutants Part IV D.3.a(c)	Check BMPs Listed in the ESPCP	
Construction Entrance & Exit Controls		<i>Site was paved at the time of construction. No track out observed.</i>
Truck Wash Down Controls		
Concrete truck washout pit	X	<i>Adequate.</i>
Other Practices (e.g., fueling containment, control areas for maintenance, SPCC, dust control, etc.)		
Proper Storage & Control of Construction Debris & Chemicals (i.e., sand, litter, paint, solvents, petroleum, & etc.)		
6. OUTFALL, STORMWATER DISCHARGE & RECEIVING WATER OBSERVATIONS		
Outfall, Stormwater Discharge & Receiving Water	YES	NO
Number & location of stormwater discharge(s)/outfall(s) consistent with the Plan	X	
Evidence of off-site accumulation of sediment observed in receiving water		X
Non-stormwater discharge observed		X

Exit interview conducted with: Mr. Myers

Inspectors discussed a possible records request for the ESPC Plan, the stormwater plat for the current phase, and both daily and weekly/post rainfall self-inspections for May-Aug2023. Inspectors also discussed multiple areas on the site that lacked adequate grass cover and needed stabilization.

A photo-log is attached.