

28 DESCRIPTION OF THE PRACTICES THAT WILL BE USED TO REDUCE THE POLLUTANTS IN STORM WATER DISCHARGES.

During Site construction all storm water will be routed through the BMP's shown on the phased erosion control plans to reduce pollutant (Suspended Solids and sediment) in the storm water discharge from the site provided all the general measures are taken into account.

- Prior to land-disturbing activities, the contractor shall schedule a pre-construction meeting with the area erosion control inspector.
- Any disturbed area left idle for a period greater than 14 days shall be stabilized with temporary seeding; disturbed areas idle 30 days shall be stabilized with permanent vegetation.
- Erosion and sediment control measures shall be inspected at least weekly, after each rain, and repaired as necessary.
- Additional erosion and sediment control measures shall be installed if determined necessary by on-site inspection.
- Silt fence shall meet the requirements of section 171 - type C temporary silt fence, of the Georgia department of transportation standard specifications (qualified products list #36) and be wire reinforced.
- A haul route permit is required when more than 500 cubic yards of hauled volume to or from the site. plans must include a statement indicating whether or not a haul route permit is required.

29

| CONSTRUCTION SCHEDULE | |
|--|--|
| MONTH 1 | MONTH 12 |
| NOTIFY INSPECTOR 24 HOURS PRIOR TO CONSTRUCTION: | |
| [Bar chart showing construction schedule] | |
| | ACTIVITY |
| | PLACEMENT OF CONSTRUCTION EXIT, PERIMETER BMPs, AND SILT STORAGE BMPs |
| | NO GRADING OPERATIONS ALLOWED UNTIL PERIMETER AND SILT STORAGE BMPs ARE PROPERLY INSTALLED AND INSPECTED |
| | CLEARING, GRUBBING, AND GRADING OPERATIONS (AS NECESSARY) |
| | INSTALL PARKING LOT ADDITION AND CONSTRUCTION OF BUILDING |
| | GRASSING - INCLUDING MULCHING, TEMPORARY AND PERMANENT VEGETATION |
| | MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES |
| | FINAL STABILIZATION OF SITE |

30 Provide complete requirements of inspections and record keeping by the primary permittee.

PERMITTEE REQUIREMENTS.

a. Permittee requirements.

(1). Each day when any type of construction activity has taken place at a primary permittee's site, certified personnel provided by the primary permittee shall inspect: (a) all areas at the primary permittee's site where petroleum products are stored, used, or handled for spills and leaks from vehicles and equipment and (b) all locations at the primary permittee's site where vehicles enter or exit the site for evidence of off-site sediment tracking. These inspections must be conducted until a Notice of Termination is submitted.

(2). Measure and record rainfall within disturbed areas of the site that have not met final stabilization once every 24 hours except any non-working Saturday, non-working Sunday and non-working Federal holiday. The data collected for the purpose of compliance with this permit shall be representative of the monitored activity. Measurement of rainfall may be suspended if all areas of the site have undergone final stabilization or established a crop of annual vegetation and a seeding of target perennials appropriate for the region.

(3). Certified personnel (provided by the primary permittee) shall inspect the following at least once every seven (7) calendar days and within 24 hours of the end of a storm that is 0.5 inches rainfall or greater (unless such storm ends after 5:00 PM on any Friday or on any non-working Saturday, non-working Sunday or State of Georgia Page 32 of 46 Department of Natural Resources Permit No. GAR100001 Environmental Protection Division any non-working Federal holiday in which case the inspection shall be completed by the end of the next business day and/or working day, whichever occurs first): disturbed areas of the primary permittee's construction site; (b) areas used by the primary permittee for storage of materials that are exposed to precipitation; and (c) structural control measures. Erosion and sediment control measures identified in the Plan applicable to the primary permittee's site shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving water(s). For areas of a site that have undergone final stabilization or established a crop of annual vegetation and a seeding of target perennials appropriate for the region, the permittee must comply with Part IV.D.4.a.(4). These inspections must be conducted until a Notice of Termination is submitted.

(4). Certified personnel (provided by the primary permittee) shall inspect at least once per month during the term of this permit (i.e., until a Notice of Termination has been submitted) the areas of the site that have undergone final stabilization or established a crop of annual vegetation and a seeding of target perennials appropriate for the region. These areas shall be inspected for evidence of, or the potential for, pollutants entering the drainage system and the receiving water(s). Erosion and sediment control measures identified in the Plan shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving water(s).

(5). Based on the results of each inspection, the site description and the pollution prevention and control measures identified in the Erosion, Sedimentation and Pollution Control Plan, the Plan shall be revised as appropriate not later than seven (7) calendar days following each inspection. Implementation of such changes shall be made as soon as practical but in no case later than seven (7) calendar days following each inspection.

(6). A report of each inspection that includes the name(s) of certified personnel making each inspection, the date(s) of each inspection, construction phase (i.e., initial, intermediate or final), major observations relating to the implementation of the Erosion, Sedimentation and Pollution Control Plan, and actions taken in accordance with Part IV.D.4.a.(5). of the permit shall be made and retained at the site or be readily available at a designated alternate location until the entire site or that portion of a construction site that has been phased has undergone final stabilization and a Notice of Termination is submitted to EPD. Such reports shall be readily available by end of the second business day and/or working day and shall identify all incidents of best management practices that have not been properly installed and/or maintained as described in the Plan. Where the report does not identify any incidents, the inspection report shall contain a certification that the best management practices are in compliance with the Erosion, Sedimentation and Pollution Control Plan. The report shall be signed in accordance with Part V.G.2. of this permit.

31 **33** Provide complete requirements of sampling frequency and reporting of sampling results.

Sampling Requirements.
This permit requires the monitoring of nephelometric turbidity in receiving water(s) or outfalls in accordance with this permit. The following procedures constitute EPD's guidelines for sampling turbidity for this site

Sampling Requirements shall include the following:
Determine sampling locations:
(1) A USGS topographic map was used to locate all perennial and intermittent streams and other water bodies as shown on a USGS topographic map as well as all the receiving water from the site
(2) A USGS topographic map was used to determine the sampling locations.
(3) All sampling shall be collected by "grab samples" and the analysis of these samples must be conducted in accordance with methodology and test procedures established by 40 CFR Part 136 (unless other test procedures have been approved); the guidance document titled "NPDES Storm Water Sampling Guidance Document, EPA 833-B-92-001" and guidance documents that may be prepared by the EPD.

SAMPLE POINT 1
LOCATION: NORTHWEST OF SITE
Size of construction area = 3.97 AC.
Total drainage basin to sample point = 4.12 AC.
Disturbed area within basin = 3.88 AC.
Receiving Stream : WALNUT CREEK

(5). Permittee must provide any additional information EPD determines necessary to be part of the Plan. EPD will provide written notice to the permittee of the information necessary and the time line for submittal
(6) Sample containers should be labeled prior to collecting the samples, and should be well mixed before transferring to a secondary container, all sample bottles shall be Large mouth, well cleaned and rinsed glass or plastic jars should be used for collecting samples. The jars should be cleaned thoroughly to avoid contamination.
(7). Manual, automatic or rising stage sampling may be utilized. Samples required by this permit should be analyzed immediately, but in no case later than 48 hours after collection. However, samples from automatic samplers must be collected no later than the next business day after their accumulation, unless flow through automated analysis is utilized. Dilution of samples is not required. Samples may be analyzed directly with a properly calibrated turbidimeter. Samples are not required to be cooled.
(8). Sampling and analysis of the receiving water(s) or outfalls beyond the minimum frequency stated in this permit must be reported to EPD as specified in Part IV.E.

32 Provide complete details for retention of records as per Part IV.F. of the permit.

1. The primary permittee shall retain the following records at the construction site or the records shall be readily available at a designated alternate location from commencement of construction until such time as a NOT is submitted in accordance with Part VI:

- A copy of all Notices of Intent submitted to EPD;
- A copy of the Erosion, Sedimentation and Pollution Control Plan required by this permit;
- The design professional's report of the results of the inspection conducted in accordance with Part IV.A.5. of this permit;
- A copy of all sampling information, results, and reports required by this permit;
- A copy of all inspection reports generated in accordance with Part IV.D.4.a. of this permit;
- A copy of all violation summaries and violation summary reports generated in accordance with Part III.D.2. of this permit; and
- Daily rainfall information collected in accordance with Part IV.D.4.a.(2) of this permit.

2. Each secondary permittee shall retain the following records at the construction site or the records shall be readily available at a designated alternate location from commencement of construction until such time as a NOT is submitted in accordance with Part VI:

- A copy of all Notices of Intent submitted to EPD;
- A copy of the Erosion, Sedimentation and Pollution Control Plan required by this permit or the applicable portion of the Erosion, Sedimentation and Pollution Control Plan for their activities at the construction site required by the permit;
- A copy of all inspection reports generated in accordance with Part IV.D.4.b. of this permit;
- A copy of all violation summaries and violation summary reports generated in accordance with Part III.D.2. of this permit

3. Each tertiary permittee shall retain the following records at the construction site or the records shall be readily available at a designated alternate location from commencement of construction until such time as a NOT is submitted in accordance with Part VI:

- A copy of all Notices of Intent submitted to EPD;
- A copy of the Erosion, Sedimentation and Pollution Control Plan required by this permit;
- The design professional's report of the results of the inspection conducted in accordance with Part IV.A.5. of this permit;
- A copy of all sampling information, results, and reports required by this permit;
- A copy of all inspection reports generated in accordance with Part IV.D.4.a. of this permit;
- A copy of all violation summaries and violation summary reports generated in accordance with Part III.D.2. of this permit; and
- Daily rainfall information collected in accordance with Part IV.D.4.a.(2) of this permit.

4. Copies of all Notices of Intent, Notices of Termination, inspection reports, sampling reports (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) or other reports requested by the EPD, Erosion, Sedimentation and Pollution Control Plans, records of all data used to complete the Notice of Intent to be covered by this permit and all other records required by this permit shall be retained by the permittee who either produced or used it for a period of at least three years from the date that the NOT is submitted in accordance with Part VI of this permit. These records must be maintained at the permittee's primary place of business once the construction activity has ceased at the permitted site. This period may be extended by request of the EPD at any time upon written notification to the permittee.

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

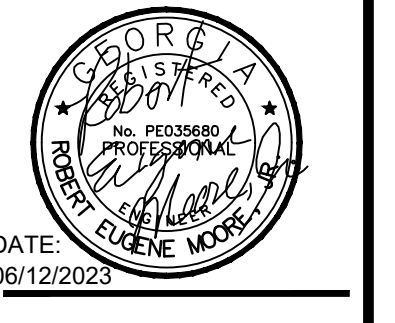
| APPENDIX B NEPHELOMETRIC TURBIDITY UNIT (NTU) TABLES WARM WATER (SUPPORTING WARM WATER FISHERIES) | | | | | | | | |
|---|-----------|-------|----------|----------|----------|------------|------------|------|
| SURFACE WATER DRAINAGE AREA, SQUARE MILES | | | | | | | | |
| | 0-4.99 | 5-9.9 | 10-24.99 | 25-49.99 | 50-99.99 | 100-249.99 | 250-499.99 | 500+ |
| Site Size, acres | 1.00-10 | 75 | 150 | 200 | 400 | 750 | 750 | 750 |
| | 10.01-25 | 50 | 100 | 100 | 200 | 300 | 500 | 750 |
| | 25.01-50 | 50 | 50 | 100 | 100 | 200 | 300 | 750 |
| | 50.01-100 | 50 | 50 | 50 | 100 | 100 | 150 | 300 |
| | 100.01+ | 50 | 50 | 50 | 50 | 50 | 100 | 200 |

31 **Sampling Frequency:**
(1) The primary permittee must sample in accordance with the Plan at least once for each rainfall event described below. For a qualifying event, the permittee shall sample at the beginning of any storm water discharge to a monitored receiving water and/or from a monitored outfall location within forty-five (45) minutes or as soon as possible.
(2) However, where manual and automatic sampling are impossible (as defined in this permit), or are beyond the permittee's control, the permittee shall take samples as soon as possible, but in no case more than twelve (12) hours after the beginning of the storm water discharge.
(3) Sampling by the permittee shall occur for the following qualifying events:
(a). For each area of the site that discharges to a receiving water or from an outfall, the first rain event that reaches or exceeds 0.5 inch with a storm water discharge that occurs during normal business hours as defined in this permit after all clearing and grubbing operations have been completed, but prior to completion of mass grading operations, in the drainage area of the location selected as the sampling location;
(b). In addition to (a) above, for each area of the site that discharges to a receiving water or from an outfall, the first rain event that reaches or exceeds 0.5 inch with a storm water discharge that occurs during normal business hours as defined in this permit either 90 days after the first sampling event or after all mass grading operations have been completed, but prior to submittal of a NOT, in the drainage area of the location selected at the sampling location, whichever comes first;
(c). At the time of sampling performed pursuant to (a) and (b) above, if BMPs in any area of the site that discharges to a receiving water or from an outfall are not properly designed, installed and maintained, corrective action shall be defined and implemented within two (2) business days, and turbidity samples shall be taken from discharges from that area of the site for each subsequent rain event that reaches or exceeds 0.5 inch during normal business hours* until the selected turbidity standard is attained, or until post-storm event inspections determine that BMPs are properly designed, installed and maintained;
(d). Where sampling pursuant to (a), (b) or (c) above is required but not possible (or not required because there was no discharge), the permittee, in accordance with Part IV.D.4.a.(6), must include a written justification in the inspection report of why sampling was not performed. Providing this justification does not relieve the permittee of any subsequent sampling obligations under (a), (b) or (c) above; and
(e). Existing construction activities, i.e., those that are occurring on or before the effective date of this permit, that have met the sampling required by (a) above shall sample in accordance with (b). Those existing construction activities that have met the sampling required by (b) above shall not be required to conduct additional sampling other than as required by (c) above.

Reporting:
1. The applicable permittees are required to submit the sampling results to the EPD at the address shown in Part II.C. by the fifteenth day of the month following the reporting period. Reporting periods are months during which samples are taken in accordance with this permit. Sampling results shall be in a clearly legible format. Upon written notification, EPD may require the applicable permittee to submit the sampling results on a more frequent basis. Sampling and analysis of any stormwater discharge(s) or the receiving water(s) beyond the minimum frequency stated in this permit must be reported in a similar manner to the EPD. The sampling reports must be signed in accordance with Part V.G.2. Sampling reports must be submitted to EPD using the electronic submittal service provided by EPD. Sampling reports must be submitted to EPD until such time as a NOT is submitted in accordance with Part VI.
2. All sampling reports shall include the following information:
a. The rainfall amount, date, exact place and time of sampling or measurements;
b. The name(s) of the certified personnel who performed the sampling and measurements;
c. The date(s) analyses were performed;
d. The time(s) analyses were initiated;
e. The name(s) of the certified personnel who performed the analyses;
f. References and written procedures, when available, for the analytical techniques or methods used;
g. The results of such analyses, including the bench sheets, instrument readouts, computer disks or tapes, etc., used to determine these results;
h. Results which exceed 1000 NTU shall be reported as "exceeds 1000 NTU;" and
i. Certification statement that sampling was conducted as per the Plan.
3. All written correspondence required by this permit shall be submitted by return receipt certified mail (or similar service) to the appropriate District Office of the EPD according to the schedule in Appendix A of this permit. The permittee shall retain a copy of the proof of submittal at the construction site or the proof of submittal shall be readily available at a designated location from commencement of construction until such time as a NOT is submitted in accordance with Part VI.

35 Delineate all sampling locations if applicable, perennial and intermittent streams and other water bodies into which storm water is discharged. See sheet C.610, C.620, and C.630.

MOORE CIVIL
CONSULT T-DESIGN-ENGINEER
ROBERT@MOORECIVIL.COM
706.224.1629



DATE: 06/12/2023

This document, together with the concepts and designs presented herein, as an instrument of services, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization by Moore Civil Consulting, Inc. shall be without liability to Moore Civil Consulting, Inc. Copyright Moore Civil Consulting, Inc. 2018

24 HOUR CONTACT
MEHULKUMAR GAJJAR
404-483-2157

CLIENT:
HANSA PATEL
908 DONAGAL DR
LOCUST GROVE, GA, 30248
404-483-2157

OWNER INFORMATION:
HANSA PATEL
908 DONAGAL DR
LOCUST GROVE, GA, 30248
404-483-2157

REVISIONS:

| DATE | DESCRIPTION |
|------------|--------------------|
| 6/21/22 | GRADING PLAN |
| 10/21/22 | 1st LDP SUBMITTAL |
| 10/21/22 | 1ST GDOT SUBMITTAL |
| 01/30/2023 | NEW LAYOUT |
| 02/21/2023 | NEW LAYOUT |
| 05/09/2023 | 2nd LDP SUBMITTAL |
| 05/09/2023 | 2nd GDOT SUBMITTAL |
| 12/19/2023 | 3rd GDOT SUBMITTAL |
| 12/19/2023 | 3rd LDP SUBMITTAL |
| 03/05/2023 | 4rd LDP SUBMITTAL |
| 03/05/2023 | 3rd GDOT SUBMITTAL |
| 04/24/2024 | 6TH GDOT SUBMITTAL |
| 05/21/2024 | 7TH GDOT SUBMITTAL |
| 12/12/2024 | 8TH GDOT SUBMITTAL |
| 03/06/2025 | 5TH LDP SUBMITTAL |
| 07/03/2025 | 6TH LDP SUBMITTAL |

HWY 81 C-STORE
HWY 81
HAMPTON, GA 30228

SHEET TITLE:
NPDES NOTES

SHEET NUMBER:
C.710