

EPA

United States Environmental Protection Agency
Washington, D.C. 20460

Form Approved.
OMB No. 2040-0057
Approval expires 8-31-98

Water Compliance Inspection Report

Section A: National Data System Coding (i.e., PCS)

Transaction Code 1 N 2 5 3 _____ 11 12 21/08/10 17 18 C 19 S 20 _____ 66
NPDES NC0004308
yr/mo/day 21/08/10
Inspection Type C
Inspector S
Fac Type _____
Inspection Work Days 67 _____ 70 3 71 _____ 72 N 73 _____ 74 75 _____ 80
Facility Self-Monitoring Evaluation Rating 3
B1 _____
QA N
Reserved _____

Section B: Facility Data

Name and Location of Facility Inspected (For Industrial Users discharging to POTW, also include POTW name and NPDES permit Number) Badin Business Park NC Hwy 740 Badin NC 28009	Entry Time/Date 10:00AM 21/08/10	Permit Effective Date 19/08/01
	Exit Time/Date 11:47AM 21/08/10	Permit Expiration Date 22/10/31
Name(s) of Onsite Representative(s)/Titles(s)/Phone and Fax Number(s) ///	Other Facility Data	
Name, Address of Responsible Official/Title/Phone and Fax Number Mark J Gross,PO Box 576 Badin NC 280090576/Operations Manager/704-422-5637/7044225776	Contacted No	

Section C: Areas Evaluated During Inspection (Check only those areas evaluated)

- Permit
- Operations & Maintenance
- Records/Reports
- Facility Site Review
- Laboratory
- Storm Water

Section D: Summary of Finding/Comments (Attach additional sheets of narrative and checklists as necessary)

(See attachment summary)

Name(s) and Signature(s) of Inspector(s) Roberto Scheller	Agency/Office/Phone and Fax Numbers DWR/MRO WQ/707-235-2204/	Date 8/12/2021
Signature of Management/QA Reviewer for W. Corey Basinger	Agency/Office/Phone and Fax Numbers DWR/Division of Water Quality/704-235-2194/	Date 8.13.21

Section D: Summary of Finding/Comments (Attach additional sheets of narrative and checklists as necessary)

The NPDES Permit #NC0004308 for Badin Business Park, LLC was issued on August 1, 2019 and expires on October 31, 2022. The following discharge points consists of stormwater Outfalls #002, 004, 017, 018, 020, and 022. The following Outfalls consists of groundwater, stormwater and fire protection Outfalls #005, 012, 011, and 013. Outfall #019 consists of discharge from stormwater pond. Outfalls #004, 005, 007, 018, 022 discharge into Little Mountain Creek. Outfalls #002, 011, 012, 013, 019, and 020 discharge into Badin Lake (Yadkin River).

The compliance review period for this inspection was from July 2020 through June 2021. The following permit limit violations at Outfall #005 were for Total Cyanide reported for 7/2020, 4/2021. Total Fluoride limit violations were reported for 7/2020, 8/2020, 4/2021, 5/2021, 6/2021.

Permit

Yes No NA NE

- (If the present permit expires in 6 months or less). Has the permittee submitted a new application?
- Is the facility as described in the permit?
- # Are there any special conditions for the permit?
- Is access to the plant site restricted to the general public?
- Is the inspector granted access to all areas for inspection?

Comment: Permit became effective August 01, 2019 and expires on October 31, 2022. Discharge is for stormwater via Outfalls 002, 004, 017, 018, 020, and 022. Discharge for groundwater, stormwater, and fire protection via Outfalls 005, 012, 011 and 013. Discharge for stormwater retention pond at Outfall #019. Discharge to unnamed tributary to Little Mountain Creek from Outfalls #004, 005, 017, 018, and 022. Discharge to Badin Lake (Yadkin River) via Outfalls # 002, 011, 012, 013, 019, and 020.

Record Keeping

Yes No NA NE

- Are records kept and maintained as required by the permit?
- Is all required information readily available, complete and current?
- Are all records maintained for 3 years (lab. reg. required 5 years)?
- Are analytical results consistent with data reported on DMRs?
- Is the chain-of-custody complete?
- Dates, times and location of sampling
- Name of individual performing the sampling
- Results of analysis and calibration
- Dates of analysis
- Name of person performing analyses
- Transported COCs
- Are DMRs complete: do they include all permit parameters?
- Has the facility submitted its annual compliance report to users and DWQ?
- (If the facility is = or > 5 MGD permitted flow) Do they operate 24/7 with a certified operator on each shift?
- Is the ORC visitation log available and current?
- Is the ORC certified at grade equal to or higher than the facility classification?
- Is the backup operator certified at one grade less or greater than the facility classification?
- Is a copy of the current NPDES permit available on site?
- Facility has copy of previous year's Annual Report on file for review?

Record Keeping

Yes No NA NE

Comment: Review of Chain of Custody (COC) forms and Stormwater Pollution Prevention Plan (SPPP) are maintained on site as required.

Operations & Maintenance

Yes No NA NE

Is the plant generally clean with acceptable housekeeping?

Does the facility analyze process control parameters, for ex: MLSS, MCRT, Settleable Solids, pH, DO, Sludge Judge, and other that are applicable?

Comment: On site review of all Outfalls was conducted as Reconnaissance Inspection on June 9, 2021. Outfall #019 was visited in relation to an Algal complaint received in the MRO on August 10, 2021. A sample of the Algal was collected from Badin Lake and sent to the State Lab for identification.

Laboratory

Yes No NA NE

Are field parameters performed by certified personnel or laboratory?

Are all other parameters(excluding field parameters) performed by a certified lab?

Is the facility using a contract lab?

Is proper temperature set for sample storage (kept at less than or equal to 6.0 degrees Celsius)?

Incubator (Fecal Coliform) set to 44.5 degrees Celsius+/- 0.2 degrees?

Incubator (BOD) set to 20.0 degrees Celsius +/- 1.0 degrees?

Comment: Facility employs contract labs: Test America, ETS Solutions, K&W Labs, Meritech Inc., Pace