



Jeff D. Morrison
Environmental Program Manager

December 24, 2021

To: Rick Bolich, et al.

Re: **Colonial Pipeline SR 2448/Pipeline ROW**
Incident Number 95827
Huntersville, North Carolina

Dear Rick,

Colonial Pipeline Company (Colonial) is pleased to transmit our response for the October 27, 2021 Notice of Regulatory Requirements regarding the above-referenced incident. This report was prepared in conjunction with TRC Environmental Corporation.

As discussed during briefings, Colonial continues to perform surface water sampling.

If you have any questions or require additional information, please contact either John Wyatt at 423.713.7568 / jmwyatt@colpipe.com or myself at 770.819.3566 / jmorrison@colpipe.com.

Respectfully,

Jeff D. Morrison
Environmental Program Manager



December 24, 2021

Via Email Delivery

Mr. S. Daniel Smith
Division of Water Resources
North Carolina Department of Environmental Quality
1617 Mail Service Center
Raleigh, North Carolina 27699-1617

RE: Response to Notice of Regulatory Requirements Dated October 27, 2021
N.C.G.S. § 143-214.1
JSA NCAC 02L .0106 & .0111
Colonial Pipeline SR2448
SR2488/Pipeline ROW
Huntersville, NC

Dear Mr. Smith,

On behalf of Colonial Pipeline Company (Colonial), TRC Environmental Corporation (TRC) has reviewed the Notice of Regulatory Requirements (NORR) from the North Carolina Department of Environmental Quality (NCDEQ) Division of Water Resources (DWR) addressed to Colonial dated October 27, 2021. Each of the items defined in the NORR are provided in bold and italics for reference purposes and immediately followed by the response.

1) Sample Locations. Obtain surface water samples for the 19 locations approximately shown on the attached Figure each month starting on December 1, 2021.

The figure attached to the NORR depicts 18 sample locations and does not depict a sample location 12. Colonial requests that the NCDEQ provide the location of sample 12 or appropriately adjust the number of required sample locations. As shown in the cross-reference table below, the locations associated with NCDEQ sample ID's 2, 13, 14, 15, 16, and 18 are preexisting Colonial sample locations with assigned sample IDs.

Colonial Sample ID	NCDEQ DWR Requested Sample ID
SW-2	2
SW-Seep	13
SW-Confluence	15
SW-Seep 2	14
SW-Confluence 2	16
SW-G	Not included
SW-3	18

Colonial requests to continue with the established surface water sampling program (every 2 weeks and after qualifying rain events) as presented within the previously submitted Monthly Monitoring Reports (MMRs) in lieu of the requested monthly sampling for consistency through the end of December 2021. Colonial is working directly with Mecklenburg County's Storm Water Services to locate the remaining 12 sample locations requested by NCDEQ. Once the sample locations are located, Colonial will need to determine property access requirements. Colonial requests that implementation of additional surface water data collection locations be delayed until January 2022 to execute the necessary agreements with applicable landowners. Once access is granted, sampling at the locations will be initiated.

2) Notification/Reporting. Immediately report the presence of any petroleum hydrocarbon sheen or free product to the NCDEQ Division of Water Resources, Mooresville Regional Office by telephone using 704- 663-1699 or 1-800-858-0368.

Colonial reports the presence of a petroleum hydrocarbon sheen or free product in surface water to the National Response Center. A duplicative notification will be made to the NCDEQ DWR Mooresville Regional Office within twenty-four (24) hours of discovery. This allows time for the sampling teams to notify the appropriate Colonial representative(s), who will then notify NCDEQ. Additionally, this timeframe aligns with the requested timeframe for item 5 of the NORR as discussed below.

3) Analyses. Analyze the monthly surface water samples for pH, conductivity, dissolved oxygen, Volatile Organic Compounds using EPA Method 8260D, and total lead using EPA Method 6010D for each of the 19 locations on the attached Figure starting December 1, 2020.

Colonial will continue to collect pH, conductivity, and dissolved oxygen field measurements for each surface water sample location.

The current surface water monitoring program includes analysis of benzene, toluene, ethylbenzene, and xylenes (BTEX) as well as gasoline range total petroleum hydrocarbons (TPH-GRO). It is Colonial's belief that BTEX and TPH-GRO are sufficient and appropriate to monitor for potential impacts related to this release. The full list of volatile organic compounds using Method 8260D includes a number of non-petroleum related constituents and is therefore overly broad. Total lead is also not a constituent related to gasoline. Colonial requests to limit surface water monitoring to petroleum related constituents (BTEX and TPH-GRO). This will align with the requested analytes in item 5 of the NORR as discussed below.

4) PFAs. Analyze surface water samples from locations 3, 4, 5, 8, 9, and 13 for PFAS compounds in January, March, June, and September of 2022 using EPA draft Method 1633, starting January 2021.

Refer to December 23, 2021 Letter from Sam McEwen to Mr. S. Daniel Smith (**Attachment 1**).

5) Reporting. Report results of monthly surface water sampling to the NCDEQ Division of Water Resources, Mooresville Regional Office within 15 days of receipt of analytical results. Verbally or electronically report any detections of petroleum hydrocarbons to the Mooresville Regional Office immediately (in no case later than 24 hours upon discovery). Note any surface water sampling location that was dry in the monthly sampling report.

Colonial proposes to continue to submit surface water sampling results as part of the Monthly Monitoring Report (MMR) provided to the NCDEQ Division of Waste Management. Colonial will submit a copy of the MMR to the DRW Mooresville Regional Office at the end of each month. Surface water sampling locations that are discovered to be dry will be noted in the MMRs.

Colonial requests that the detections reported immediately be defined as detections which exceed the North Carolina Administrative Code Subchapter 02B Standard. Detections of petroleum constituents below the 2B Standards do not pose a threat to human health or the environment or warrant immediate notification to NCDEQ. As noted above, any detections of petroleum constituents below the 2B Standards will be reported to NCDEQ in the MMRs.

6) Annual Summary Report. Submit an annual surface water sampling summary report to the NCDEQ Division of Water Resources, Mooresville Regional Office by February 1, 2023 that summarizes the surface water sampling results from calendar year 2022. This report will contain recommendations for continued surface water sampling and analyses based on the calendar year 2022 surface and groundwater quality data and will include surface water sampling locations, analytical parameters, and collection and reporting frequency.

The annual surface water sampling summary report including the requested information will be submitted to the NCDEQ DWR by February 1, 2023, as requested.

7) Sampling revisions beyond 2022. The NCDEQ Division of Water Resources. Mooresville Regional Office will review the surface water sampling results, recommendations contained in the calendar year 2022 surface water sampling report, and consider revisions to the surface water sampling plan based on the results of the groundwater and surface water sampling results.

Please clarify if the surface water sampling described in the NORR is expected to continue past calendar year 2022 pending agency review and revisions.

If the above proposals for response to the NORR are not acceptable to NCDEQ, please let Colonial know as soon as possible.

Sincerely,

TRC Companies, Inc.
Prepared By:

Reviewed By:



Chelsea Wenhardt
Project Manager



Karen C. Saucier, PhD
VP, Business Unit Leader – Atlantic South

Cc: Sam McEwen, Colonial Pipeline Company
Jeff Morrison, Colonial Pipeline Company
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Robert Hughes, Colonial Pipeline Company
Michael Scott, NCDEQ
Corey Basinger, NCDEQ
Andrew Pitner, NCDEQ
Brandy Costner, NCDEQ
Bobby Williams, Town of Huntersville
Shawna Caldwell, LUESA – Mecklenburg County Health Department

ATTACHMENT 1



Sam McEwen
Director, Environmental

December 23, 2021

Via Email Delivery

Mr. S. Daniel Smith
Division of Water Resources
North Carolina Department of Environmental Quality
1617 Mail Service Center
Raleigh, North Carolina 27699-1617

RE: October 27, 2021 Notice of Notice of Regulatory Requirements

Dear Mr. Smith,

As you know, on November 2, 2021, the North Carolina Department of Environmental Quality (“NCDEQ”) filed an action against Colonial Pipeline Company (“Colonial”), seeking certain information related to the company’s August 2020 release in Huntersville, North Carolina and its ongoing remediation efforts at the site. As you also know, some of the information sought in NCDEQ’s action overlaps with information the agency previously sought in its October 27, 2021 Notice of Regulatory Requirements (“NORR”) to Colonial, including Request No. 4 (Analyze surface water samples from locations 3, 4, 5, 8, 9, and 13 for PFAS compounds). See, e.g., NCDEQ’s Complaint at Prayer for Relief, ¶¶ 2(b) and (d).

Rather than provide a separate response to Request No. 4, Colonial respectfully refers NCDEQ to its answer to NCDEQ’s complaint, which was filed on December 6, 2021. As we explained in that answer, Colonial has defenses to NCDEQ’s claims. Moreover, because Request No. 4 is among the issues raised in NCDEQ’s pending lawsuit, Colonial believes it is more appropriate to address this request in that context. Of course, Colonial remains committed to providing information in response to NCDEQ’s other requests in the NORR and will do so under separate cover.

If you have questions, please do not hesitate to contact me at 678-772-8090 or SMcEwen@colpipe.com.

Sincerely,

Sam McEwen