

ENVIRONMENTAL HEALTH
Onsite Water Protection Notices of Violation
August 2023

LEGEND
RED - Indicates updates since last report
PURPLE - Indicates County Attorney Action Requested/Legal Remedy

MALFUNCTIONING SYSTEM
OTHER VIOLATION (NO DISCHARGE OF EFFLUENT)
COMPLIANT SYSTEM

NOV DATE	SUBJECT PROPERTY ADDRESS	TYPE OF VIOLATION	NOV EXPIRATION DATE	FORWARDED TO CO. ATTY?	COMPLIANCE STATUS (YES/NO)	COMPLIANCE DATE	NOTES
1/7/2020	8 Steepleton	Surface Discharge	2/7/2020	Y	N		<p>2/27/2020 - EH contacted the system operator for an update. Operator stated owner has signed a work order to repair/replace the malfunctioning control panel and pretreatment media. Scheduling TBD. 5/4/2020 - Per the septic installer, the owner has postponed repair. File forwarded to County Attorney's Office with request for a 10-day demand letter. 12/17/2020 10-day demand letter issued 12/31/2020. Septic contractor notified EHS a price quote for repair will be sent to owner 1/28/2021. Owner is working with installer and has reached out to an engineer to determine potential options for pretreatment alternatives to existing peat modules. 2/23/2021 Contractor states they are still working on quote for pretreatment alternatives. 4/29/2021 EHS contacted septic installer regarding system progress. Contractor has yet to provide a bid. EHS encouraged the contractor to prioritize this project. 8/2/2021 Owner has submitted an application for repair permit. EHS will evaluate parcel to determine if an innovative system type may be utilized to repair/replace the existing failing drip irrigation system 9/29/2021 Owner contacted EHS, states they will be replacing the peat modules with synthetic media. Design proposal from PE forthcoming. 10/11/2021 Owner has made regular contact with EH, engineer, and installer. Product availability issues are delaying installation of new pretreatment modules. 2/28/2022 Pretreatment design has been submitted and is under review prior to permitting. 6/29/2022. Repair permit issued 7/7/2022. Owners notified EH by e-mail they have requested contractor to schedule installation 9/22/2022. EHS contacted installer for an update, per installer the pretreatment components are on order and installation is pending delivery 10/13/2022. Materials have been received by installer, install date TBD 12/5/2022 Installation scheduled for the week of April 24th 2023. 2/8/23. Installation postponed by installer until end of summer due to staffing and weather issues.4/18/2023 Septic installer notified EHS on 8/29/23 that construction is scheduled to begin September 1, 2024.</p> <p>Surfacing effluent over pretreatment media and malfunctioning pump controls observed during regular monitoring inspection. System type is pretreated subsurface drip irrigation.</p>
9/25/2020	3419 S Alston	Straight Pipe discharge to stream and discharge to ground surface.	10/25/2020	Y	N		<p>Property owner contacted EH and stated he will explore the possibility of connecting to public sewer. 9/29/2020 EHS observed and documented unpermitted repair work on system during a site visit. System continues to discharge effluent 12/11/2020. File forwarded to County Attorney's Office with request for a 10-day demand letter. 12/17/2020 10-day demand letter issued 12/31/2020. Site has been classified as unsuitable for repair. Owner is in contact with City Public Works to determine engineering requirements for sewer extension. EHS has directed owner to temporarily pump and haul to abate discharge of effluent while sewer extension is explored. 1/21/2021. Application for sewer extension agreement has been submitted to City Public Works and is pending review as of 3/31/2021. Owner has retained services of an engineer and is meeting with utility contractors to bid the project. Septic tank is being pumped as necessary to prevent discharge. 4/27/2021 Sewer connection extension agreement still under review by Public Works 9/30/2021. Extension agreement has been approved by City of Durham. Application for plumbing permit has not yet been submitted 10/29/2021. EH called owner for an update and left a message. No response as of 1/31/2022. City of Durham Public Works states the sewer main extension is pending NC DOT review and approval 2/15/2022. Owner has been approved for City of Durham "septic to sewer" cost-share funding. 3/25/2022 Per City of Durham staff, NCDOT has approved extension. Sewer design plans are now back under Public Works review. 10/19/2022.</p> <p>Complaint received from City of Durham Stormwater Services of a straight pipe discharging into a stream and surface discharge of effluent above septic tank. EHS visited site and confirmed. City officials have indicated they will also issue a NOV for the straight pipe discharge into the stream.</p>

7/22/2021	6032 Burgundy Rd	Pump malfunction	8/23/2021	Y	N		Pump malfunction discovered during routing monitoring visit. Effluent is backing up into the pump tank freeboard and riser. Owner directed to contact a certified septic installer to repair the pump.	10/11/2021 - File forwarded to County Attorney's Office with request for demand letter. 10-day demand letter issued 10/22/2021. Site visit scheduled for 10/3/2022 to determine status prior to referring for legal remedy. EHS in contact with owner, will revisit to troubleshoot the control panel 10/31/2022. Return site visit, EHS met with owner. Pump control floats are malfunctioning. Owner directed to replace floats. EHS provided local vendor information for floats, will revisit in 30-days to confirm repair. 3/8/2023
12/29/2021	5370 Red Mill Rd	Expired Operation Permit	1/31/2022	Y	N		5-year operation permit for Type V system has expired. Owner directed to submit an application and fee for renewal.	12/29/2022 - File forwarded to County Attorney's Office with request for demand letter. 10-day demand letter issued 1/9/2023. Owner contacted EHS, renewal application e-mailed to owner 1/17/2023. EHS contacted owner again via phone and email requesting application for permit renewal. EHS confirmed existing contract with certified operator to maintain the system. EHS requested the operator send reports to DCoDPH. 3/28/2023
3/10/2022	921 Colonial Heights Dr	Straight Pipe	4/11/2022	Y	N		Complaint investigation confirmed discharge of effluent via straight pipe. NOV directs owner to apply for repair permit and to temporarily pump and haul until system is repaired.	10-day demand letter requested 8/25/2022, issued 9/26/2022. Legal remedy requested 10/13/2022. Mediation settlement signed between DCoDPH and property owner, repair permit application received from owner, site evaluation date TBD 3/24/2023. Site evaluation scheduled for 4/17/2023. Site classified as unsuitable for repair, permit denial letter issued to owner, County Attorney's Office notified 5/1/2023.
4/20/2022	2607 E Geer ST	Illicit Discharge Straight Pipe	5/20/2022	N	N		Complaint investigation revealed straight pipe discharge. NOV directs owner to apply for repair permit and temporarily pump and haul.	Repair application received 5/12/2022, site visit pending. Permit for exploratory dig issued 6/14/2022. Follow-up visit by EHS, effluent observed further downslope, dye testing will be required to determine source of discharge prior to any enforcement action. 10/31/2022 Dye testing scheduled for 3/8/2023. Straight pipe confirmed 3/8/2023.
8/30/2022	5702 Paragon	Straight Pipe	10/3/2022	N	N		Straight pipe discovered during complaint investigation.	10/12/22 - Received inquiry from complainant. 10-day demand letter requested 10/13/2022. 10-day demand letter issued 12/7/2022. Legal remedy requested 12/30/2022. 1/24/2023 - Permit issued for exploratory dig to determine if system can be repaired or if a new system will be required. Owner notified to immediately cease illicit discharge and temporarily pump and haul to prevent discharge of effluent. EHS e-mailed owner requesting an update 2/28/2023. No response as of 3/31/2023 Septic contractor called EH to schedule an appointment, site visit schedule for June 13. 5/30/2023 Exploratory dig revealed that system is sludged and hydraulically exhausted. EHS is working on design for replacement drainfield. 6/26/2023 Permit for repair system issued 7/10/2023.
10/13/2022	3913 Cheek Rd	Surfacing Effluent	11/13/2022	N	N		Complaint investigation confirmed surfacing effluent over septic tank. Public sewer is available.	10-day demand letter requested 12/30/2022, issued 1/6/2023.
12/30/2022	5904 Wilma St	Surfacing Effluent	1/30/2023	N	N		Complaint investigation confirmed surfacing effluent. Above ground swimming pool has been constructed over drainfield without building permit or EH approval.	Repair application received 1/10/2023, site visit pending drier soil conditions. Repair permit for drainfield replacement issued 3/31/2023.
2/23/2023	5003 Leesville Rd	Surfacing Effluent Unpermitted System	3/27/2023	N	N		Unpermitted septic tank and drainfield discovered during repair evaluation. System is discharging effluent to the ground surface. Site has been classified as unsuitable for repair. Owner directed to contact NCDEQ for a discharge permit or to apply for permanent pump and haul permit from Environmental Health.	Owner is in consultation with a wastewater engineer regarding options for discharge application with NCDEQ. Owner has provided pump and haul receipts to EHS. Note: site address updated from previous report which indicated mailing address. 3/29/2023 Owner continues to temporarily pump and haul and is pursuing a discharge permit through NC DEQ. 7/31/2023
3/14/2023	7309 Farrington Rd	Damaged Tank	4/14/2023	N	N		Damaged tank discovered during site visit. House is unoccupied. Public sewer is available.	
4/26/2023	3514 Brecknock St	Damaged Tank	4/26/2023	N	N		Homeowner reported damaged tank. Effluent is backing up and discharging to ground surface. Public sewer is available.	Plumbing permit for sewer connection has been issued by City/County Inspections 5/1/2023.

Onsite Water Protection - Compliant NOVs

July 2023 - June 2024

NOV DATE	SUBJECT PROPERTY ADDRESS	TYPE OF VIOLATION	NOV EXPIRATION DATE	FORWARDED TO CO. ATTY?	COMPLIANCE STATUS (YES/NO)	Compliance Date	NOTES
6/26/2023	3521 Rose of Sharon Rd	Back-up of Effluent	7/26/2023	N	Y	8/21/2023	Septic tank is not draining properly, effluent is backing up into freeboard of tank. Public sewer is available. **House connected to sewer. Septic tank properly abandoned and inspected.** Plumbing permit for sewer connection issued by City/County Inspections 7/7/2023.
1/10/2022	2610 E Geer St	Surfacing Effluent	2/11/2022	N	Y	8/1/2023	Complaint investigation confirmed surface discharge of effluent over the septic tank. Public sewer is available. **Tenant stated plumbing repairs were performed and the discharge was abated. EHS did not observe any sign of malfunction during confirmation site visit.** Follow-up visit by EHS, could not access back yard due to dogs. 10/31/2022 Follow-up visit, EHS spoke with tenant and observed effluent still discharging to the ground surface. 12/30/2022 10-day demand letter requested 12/30/2022 Advised by County Attorney's Office to try and contact agent of record. A second NOV may be required prior to initiating legal remedy. Messages left for agent of record, no response as of 1/31/2023.
2/10/2023	2509 Joe Ellis Rd	Straight Pipe	3/10/2023	N	Y	7/25/2023	Complaint investigation confirmed straight pipe. House has been disconnected from existing septic system. **Straight pipe has been removed and house is reconnected to septic system. Control panel has been replaced and building permit CO is contingent upon final pump inspection by EHS.** Repair evaluation performed by EHS. Control panel is missing from LPP system, owner stated the house is unoccupied and that the pump controls were stolen. 3/1/2023. Repair permit issued to reconnect house to existing LPP and replace missing pump components. 3/10/2023
4/18/2023	1916 Snow Hill Rd	Surfacing Effluent	5/18/2023	N	Y	7/14/2023	Existing system is surfacing over drainfield. Owner directed to hire an engineer to design a drip irrigation repair system. **Operation permit issued for repair system.** Repair permit for installation of drip system issued 5/3/2023. Repair system has been installed, final inspection pending 6/30/2023.