

ENVIRONMENTAL HEALTH
Onsite Water Protection Notices of Violation
February 2024

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
9/25/2020	3419 S Alston	Straight Pipe discharge to stream and discharge to ground surface.	10/25/2020	Y	N		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. E-mailed Public Works for an update on the permit status 9/26/2023. Public Works replied there was no update but they will reach out to the owner regarding the delay. 10/4/2023.
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 Application for operation permit renewal received and fee invoiced on 9/27/2023. Past-due notice issued for fee invoice, EHS also left voicemail with owner. 10/26/2023
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. Owner visited DCoDPH and inquired about potential financial assistance. EHS reiterated that no program exists and that septic maintenance and repair is the owner's responsibility 1/29/2024.
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. EHS has made multiple attempts to contact owner for an update with no reply. Will refer to County Attorney if no response by 10/6/2023.
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 Owner is continuing temporary pump and haul and is providing receipts to EHS 9/27/2023.
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.	Plumbing permit for sewer connection issued by City/County Inspections 12/13/2023. Sewer extension approved by City Manager 2/9/20234.
7/18/2023	114 Chateau Dr	Surfacing Effluent	8/21/2023	N	N		Effluent is surfacing over the drainfield. Public sewer is available.	Plumbing permit application submitted to City by owner 7/6/2023.
9/14/2023	3712 Sandy Ridge Rd	Surfacing Effluent	10/14/2023	N	N		Effluent is surfacing over the drainfield. Public sewer is available.	
11/13/2023	3855 Angier Ave	Back up of effluent	12/13/2023	N	N		Existing drainfield is infilled with soil and sludge. Public sewer is available.	Application for sewer connection permit submitted to City/County Inspections 2/12/2024.
1/10/2024	5215 Autumn Dr	Back up of effluent/surface discharge	2/10/2024	N	N		Existing system is discharging over septic tank lids. Public sewer is available.	
2/8/2024	2308 Snow Hill Rd	Surfacing Effluent	3/8/2024	N	N		Complaint investigation confirmed malfunctioning system. Owner directed to temporarily pump and haul and to apply for a repair permit.	Application for repair permit received, site evaluation pending 2/28/2024.

2/12/2024	2112 Ferrell Rd	Surfacing Effluent	3/13/2024	N	N		System malfunction reported by NC DEQ. EHS followed up and verified malfunction. Owner directed to temporarily pump and haul and to apply for a repair permit.	
2/13/2024	3805 W Cornwallis Rd	Surfacing Effluent	2/13/2024	N	N		System has been damaged by construction activities. Repair permit issued in conjunction with NOV.	Owner contacted EHS and confirmed that contractor has been hired and repair is pending scheduling with the contractor 2/27/2024.
2/16/2024	5326 Ventoria Dr	Surfacing Effluent	3/16/2024	N	N		Existing system is discharging effluent. Owner has applied for a repair permit, evaluation is pending.	Owner contacted EHS and stated plumbing leaks were discovered in the home. EHS directed owner to repair leaks and to allow the system to rest for a 2 - 4 weeks to see if malfunction is abated. 2/19/2024
2/19/2024	1825 Catalina St	Back up of Effluent	3/20/2024	N	N		Existing system is backing up into the septic tank due to exhaustion of hydraulic conductivity in the drainfield. Site has been classified as unsuitable for repair. Public sewer is available.	Owners have been approved for participation in the City of Durham Septic to Sewer program for sites located in the Northeast Creek Watershed. Base cost share amount approval is \$6,000 and additional funds may be available after final eligibility determination 2/28/2024.
2/20/2024	237 Barclay Rd	Surfacing Effluent	3/21/2024	N	N		System is hydraulically overloaded and discharging at the septic tank. Owner states leaking plumbing fixtures have been discovered in the home and will be repaired. Permit issued for new drainfield installation if existing system does not recover.	
2/20/2024	135 Jefferson Dr	Surfacing Effluent	3/21/2024	N	N		Existing system is discharging effluent and is non-repairable. Public sewer is available.	
2/26/2024	1206 N Mineral Springs	Unpermitted repair	2/23/2024	N	N		Existing system malfunction and owner installed an unpermitted drain line. Site has been classified as unsuitable for repair. Public sewer is available.	Application for sewer connection permit submitted to City/County Inspections 2/2/2024.

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	
7/19/2023	2512 Ardsley	Surfacing Effluent	8/21/2023	N	Y	2/28/2024	Effluent is backing up into the septic tank and discharging to the ground surface. Public sewer is available. **Sewer connection completed**	Plumbing permit for sewer connection issued by City/County Inspections prior to NOV, status is pending tap installation.
1/30/2024	3920 Holder Rd	Straight Pipe	3/1/2024	N	Y	2/28/2024	Complaint investigation discovered straight pipe discharge from dwelling. Public sewer is available. **Straight pipe removed and washer line plumbed into septic tank. EHS ran plumbing in house and verified discharge has been abated.**	

11/29/2023	208 Red Mountain Rd	Surfacing Effluent	12/29/2023	N	Y	1/29/2024	Electrical service to pump control panel has been disconnected. Owner directed restore power to system. **Electrical service has been restored to pump.**	
11/2/2023	1418 Mockingbird Ln	Damaged Tank	12/2/2023	N	Y	12/13/2023	Vacant parcel with existing septic system. Owner self-reported the damaged tank and provided a copy of an inspection report from a certified wastewater inspector detailing the structural deficiencies. Owner is pursuing connection to city sewer for new construction. **Septic tank properly abandoned**	
7/19/2023	1511 Milan St	Surfacing Effluent	8/21/2023	N	Y	11/22/2023	Effluent is surfacing over the drainfield. Public sewer is available. **Connected to sewer**	Plumbing permit for sewer connection issued by City/County Inspections prior to NOV, status is pending tap installation.
8/29/2023	2330 Thunder Rd	Back-up into Septic Tank	9/29/2023	N	Y	10/30/2023	Owner self-reported malfunction. Existing system is exhibiting signs of exhaustion of hydraulic conductivity and sewage is backing up into free board of septic tank. Owner directed to connect to public sewer. **House connected to public sewer**	Plumbing permit for sewer connection issued by City/County Inspections prior to NOV, status is pending tap installation 9/6/2023.
5/2/2023	603 Cook Rd	Surfacing Effluent	6/6/2023	N	Y	10/26/2023	Complaint investigation confirmed discharge of effluent to the ground surface. Public sewer is available. **House connected to public sewer**	Plumbing permit for sewer connection issued by City/County Inspections 5/17/2023.
7/22/2021	6032 Burgundy Rd	Pump malfunction	8/23/2021	Y	Y	10/26/2023	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. **Effluent is being pumped to drainfield, no evidence of discharge over tank riser.**	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 Monitoring inspection scheduled for 10/2/2023 to verify pump function.

