

Lick Creek - Winter 2007 Fieldwork
Findings and Recommendations

Table A-3: REPAIRS						
Site ID	Name and Location	Repair Type (Outfall, Inlet, Culvert, Ditch, Storm Drain, etc)	Description	Agency for Follow-up	In City?	Priority for Further Action
MI-200	Located off Kintail Drive near Ennis Ct.	Utility	Old sediment and erosion control structure in homeowners front yard. Exposed utility line.	Durham County Stormwater	Outside City	Low
MI-306	Inlet between Pizza Hut and Burger King	Inlet	Concrete channel conveying flows from Mineral Springs Rd reaches a clogged or disconnected inlet in Pizza Hut parking lot. A stormwater retrofit is recommended for this site, but if this is not constructed, the inlet will warrant repair due to scour. (R-301)	NCDOT	Outside City	Low
MI-313	Inlet in 70 ROW at McElhoney Homes	Inlet	Erosion and scour around inlet. Previous attempts to stabilize with rip rap are evident.	NCDOT	Outside City	Medium
MI-320	North State Storage	Stormwater Pond	Existing wet pond. Trees on upstream slopes are providing stabilization and shade; however, trees on embankment should be removed. Rectangular access manhole on embankment needs grate to be reinstalled (grate has fallen in). Per Joe Pearce, the drainage from the development bypasses the pond. The storm drains are being reconstructed to route the stormwater discharges to the pond.	Durham County Stormwater	Outside City	Medium
OT-122	Rondelay in Ravenstone	Outfall	Large rip rap with double 4 ft outfall from large pond at Rondelay. Stream bank erosion where rip rap ends. Adjacent tributary drainage (RCH 121) may cause some failure along embankment.	TBD	In City	High
OT-124	Ashburn Rd crossing	Outfall	Headcut forming below outfall. More development likely to occur in area.	TBD	In City	Medium
OT-125 and OT-126	Hillview Dr. crossing at SC-125	Outfall	Approximately 50 ft of exposed outfall pipe should be covered. Discharge from OT-126 cuts directly across exposed pipe. Erosion observed at OT126 below riprap and may need TRM matting in drainage channel. Potential location for retrofit	TBD	In City	Low

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SC-103	Outfall from Amish Barns stream adjacent to Route 70	Outfall	4-5 ft drop from culvert to stream. This culvert acts as grade control, protecting Route 70 embankment. With future upstream development, existing scour may increase and erode earthen road embankments to the south (Route 70) and east (dirt road). No immediate action is recommended; however, will need to be addressed if road is widened in future.	NCDOT	Outside City	Low
SC-105	Hwy 70, northwest of Amish Barns	Culvert	End of pipe is separated	NCDOT	Outside City	Low
SC-107	HWY 70, btwn SC 105 and SC106 near guardrail	Culvert	Guardrail post driven directly through culvert; culvert broken. However, culvert is old an likely not in use.	NCDOT	Outside City	Low
SC-125	Hillview Dr.crossing	Culvert	24" double concrete culvert with failing embankment along roadway.	Durham County S&E	In City	High
SC-126	Eastern Hillview Dr. crossing	Culvert	Major embankment failure and sediment deposition in stream. Per Joe Pearce, the needed wall repair is in progress but additional follow-up will be needed.	Durham County S&E	In City	High
SC-127	Olive Branch	Culvert	End of pipe is falling off. Bank erosion and scour hole on downstream side. Lots of debris and invasive plants.	TBD	Outside City	Medium
SC-170	Kinard Rd. crossing at Phillips Farm	Culvert	Minor embankment erosion	TBD	Outside City	Low
UT-110	RCH 110	Utility	New sewer line crossing on steep banks with small rip-rap appears unstable. Asses to see if alternative bank stablization needed. Hole forming behind embankment should be investigated.	TBD	In City	Medium