

ES. E. BICKFORD
SECRETARY



PAUL E. PATTON
GOVERNOR

COMMONWEALTH OF KENTUCKY
NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION
FLORENCE REGIONAL OFFICE
8020 VETERANS MEMORIAL DR STE 110
FLORENCE KY 41042-7570

September 4, 2002

Mr. George Finke
Finke Homes, Inc.
3180 Burlington Pike
Burlington, Kentucky 41005

RE: **Pebblecreek**
KPDES #: KYR100106

Dear Mr. Finke:

Enclosed for your review is a copy of the August 26, 2002 Stormwater Inspection Report completed on the above-referenced facility. These inspections are completed to determine compliance with the said facility's KPDES permit.

At the time of the inspection, the facility was found to be in an **unsatisfactory** condition. A summary of the findings is given on the enclosed inspection report.

I am scheduled to meet with Lee Otte and Tessie Finke on September 13, 2002 at the site to go over problem areas.

If you have any questions, please feel free to contact our office at (859) 525-4923.

Sincerely,

A handwritten signature in cursive script, appearing to read "Alice Hale".

Alice Hale
Environmental Inspector II
Florence Regional Office
Kentucky Division of Water

AJH
Enclosures
Copy: Vickie Prather, Inventory & Data Management Section

STORMWATER SURVEILLANCE REPORT

TRANS. CODE	KPDES #	YR	MO	DA	TYPE	INSPECTOR	FAC. TYPE
N 5 K Y R 1 0 0 1 0 6	11	0 2 0 8 2 6	12	17	W	S	2
RATING	REMARKS						
U	i n s u f f i c i e n t B M P s						
22	30						
Reserved		DMR RELIABILITY	BI	QA	Reserved		57
EMPLOYEE NO.							
58	66	67	69	70	71	73	74
						8 4 3	75

Facility Name: Pebblecreek

County: Boone

Facility Location: off of Camp Ernst Road

Person(s) Contacted:

Remarks and General Observations:

This inspection was a follow-up to one performed in April of 2002.

Just before the bridge to the right, the metal debris observed in previous inspections was still present. On the left far side of the bridge, there is a drainage area that travels down to the creek. All of the silt fence is down in this area. It is mostly vegetated through here, but there is a disturbed lot located upslope with no protection.

Continuing down the main street (Pebble Creek), Bridge Pointe Landing is on the left, and Plum Creek Landing is on the right. Pebble Creek ends, but the site continues back where road grading is occurring. Silt fence is up on the right slope in this area. There are drainage ways on both sides of the street in this intersection area. On the left, there are rocks and some silt fence in place where the street ends. Then there are some old straw bales in place. At the drain there is much sediment present. I also observed sediment at an inlet and in another drain. Near the street culvert drain I observed sediment and some construction debris. The land appears to be eroding away from the street here, and some rocks have been placed in this area. To the right there are some old staked straw bales in place above a drop drain, which is clogged with sediment, straw, and debris.

Going right on Plum Creek, the yards all have vegetation, some of which is sparse. There is a small amount of sediment present along the curbs. On the corner of Piney Creek there is much sediment by two unprotected inlets. The yard at 7536 is sparsely vegetated. Continuing back in the Plum Creek area, there is a disturbed corner lot with a home going up. There is no protection here, sediment is observed in the street, and a nearby inlet is clogged. I did not observe any inlet protection anywhere in the Plum Creek area. Some silt fence on a disturbed lot is down (on the corner of Crystal Creek), and sediment is present in the street. A home is up on lot 278, the yard is disturbed, there is no protection, and the backyard slopes down to the creek. There are disturbed, unprotected lots on Spindle Creek, and there is much sediment present in the street in the circle.

Going left on Bridge Pointe Landing, there are disturbed sites with no protection and sediment is in the street. There is some silt fence along the street border, but it is about two feet away from the street. The streets that branch off of Bridge Pointe Landing to the right and left are in the same condition (disturbed and no protection). I also observed garbage dumped along the side of the street in two places; one pile was located by a dumpster, and another one was further down the street on the right side.

An Administrative Conference was held on August 27, 2002 with the responsible party, Mr. George Finke, in attendance. I have scheduled a meeting with Lee Otte, Finke's consultant, and Tessie Finke at the site on September 13, 2002 to go over problem areas.

Stormwater Surveillance Report
Pebble Creek Subdivision
August 26, 2002

Overall, I would like to see the following items addressed at the Pebble Creek site:

Remove the metal debris present on the near bank of Gunpowder Creek by the bridge.

Install BMPs as needed in the drainage area on the left far side of the bridge, so as to prevent sediment from disturbed lots located upslope from migrating to the creek.

Install and maintain BMPs at the drainage areas by the Plum Creek/Bridge Pointe Landing intersection.

Clean excess sediment out of the drainage ways in the same area.

Establish a full cover of vegetation on all disturbed areas as soon as possible.

Clean excess sediment out of the streets as needed.

Install inlet protection in all disturbed areas where sediment may wash into inlets.

Install BMPs on all disturbed areas where sediment may migrate.

Inspect BMPs at least weekly or after any significant rainfall event of half an inch or more. Document these inspections in a BMP Maintenance logbook, along with any BMP maintenance, removal, or additions. Provide necessary maintenance to BMPs in a timely manner.

Install BMPs at all disturbed areas near the creek.

Install silt fence as close to the street or edge of disturbance as possible.

Dispose of garbage properly.

Inspector's Signature



STORMWATER PERMIT INSPECTION CHECKLIST

Name of Facility: <u>Pebblecreek</u>	KPDES #: <u>KYR100106</u>
County: <u>Boone</u>	Inspection Date: <u>8/26/02</u>

Yes No

Copy of permit kept on site

Copy of Best Management Practice (BMP) Plan kept on site
 site specific description of timing and implementation

Adequate Site Map

- drainage patterns
- approximate slopes after major grading
- area of soil disturbance
- undisturbed areas and vegetative buffer zones
- location of structural and non-structural controls
- areas where stabilization practices are to be employed
- surface waters
- stormwater discharge locations

Gunpowder Creek

Name of receiving stream

>10 acres

Total area of site

>10 acres

Area disturbed

S M U

Condition of receiving stream

Is BMP adequately implemented?

Stabilization practices

- timely seeding and mulching
- revegetation
- condition of slope area
- inlet protection

Structural Controls

- silt fences
- straw bales
- rock check dams
- sediment pond
- other

Stormwater Permit Inspection Checklist

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Facility Name: Pebblecreek

KPDES #: KYR100106

Inspection Date: 8/26/02

S	M	U
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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Other Controls

- secondary containment for fuel and maintenance area
- concrete tailings, proper disposal of concrete tailings in designated area
- other
- off site tracking of sediment

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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Compliance with State and Local Regulations

- waste disposal, fertilizer, pesticide/herbicide storage/disposal
- sewage

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Operation and Maintenance of BMP

- maintenance plan incorporated into written BMP
- maintenance plan followed
- maintenance documented
- inspection done as required and documented
- inspection reports completed and maintained on site/in file

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Contractor Certification

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Plan Certification

Comments: An Administrative Conference was held on August 27, 2002 regarding this site. I have outlined the items to be addressed in this report, and I will meet with Lee Otte and Tessie Finke on September 13, 2002 to walk the site.

Alice Hale
Division of Water