ReSource Institute

210 East High Street, Suite 107
Jefferson City, MO 65101
Phone: 573-634-5008
Fax: 573-634-8730

September 5, 2006

Mr. Ed Storey
2916 Foxdale Drive
Jefferson City, MO 65109

RE: August 21, 2006, Influent Testing Results

Dear Mr. Storey:

The following is a summary of the sampling event on the influent wastewater to the wastewater plant at Quail Valley. The sample was obtained on August 21, 2006, at 7:40 a.m. Aqua Missouri was present during the sampling but did not take a split sample. The results are as follows:

Date	Parameter	Unit	Results
8-21-06	BOD	mg/L	68
	Total Suspended Solids	mg/L	28

The sample represents the influent to the wastewater plant approximately one month after the septic tanks were pumped. The results are what would be expected following primary treatment in septic tank units. Based upon this test result, I would recommend that we prepare a letter to Aqua Missouri and Missouri Department of Natural Resources (MDNR) summarizing our findings. In this letter we should make a recommendation for adding additional homes to the development based upon current data. Please note that we need to address flow conditions during and after heavy rainfall events. MDNR will request information regarding loadings during wet weather conditions.

If you have questions, please give me a call at (573) 634-5008.

Sincerely,

Gregory G. Haug, PE

cc: Mark A. Ludwig, Carson & Coil ✓

ENGINEERING SURVEYS AND SERVICES
TESTING LABORATORIES
1113 Fay Street * Columbia, Missouri 65201 * (573) 449-2646
802 El Dorado Drive * Jefferson City, Missouri 65101 * (573) 636-3303
1775 West Main Street * Sedalia, Missouri 65301 * (660) 826-8618

Date: 30 August 2006

Lab Number: 1013

Project: Quail Valley

Location: Jefferson City, Missouri

Date Received: 21 August 2006

Sample No./ Description: 1886 / Quail Valley, WWTP Influent, 8-21-06

TEST RESULTS

Parameter	Units	1886	Detection Limit	Method
BOD	mg/l	**68**	2	5210 B
Total Suspended Solids	mg/l	**28**	1	2540 D

Sample secured and delivered to laboratory by others. ND = None Detected

Method number from "Standard Methods for the Examination of Water & Wastewater", current edition, unless noted otherwise.

cc: 1 Greg Haug

ENGINEERING SURVEYS AND SERVICES
BY:

Linda L. Adams

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