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Missouri Public
Service Commission

STATE OF MISSOURI

DEPARTMENT OF NATURAL RESOURCES

Matt Blunt, Governor • Doyle Childers, Director

www.dnr.mo.gov

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September 1, 2005

Mr. Edward Storey
2916 Foxdale Drive
Jefferson City, MO 65109-9208

RE: Water Quality Review Sheet Request
Quail Valley (Cole Co.)

Dear Mr. Storey:

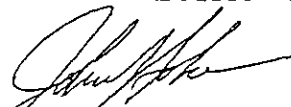
We have received your request for a water quality review of the proposed Quail Valley wastewater treatment facility discharge. In order to proceed with your request, a water quality impact study to determine the effects of the new and existing discharges on the receiving stream must be completed to arrive at effluent limitations protective of water quality at this location. Therefore, your request does not meet one or more of the requirements required for an expedited review.

The proposed discharge would be in close vicinity to an existing discharge (Quail Valley Lake Subdivision WWTF, MO-0114081) and the receiving stream exhibits signs of non-compliance with the general criteria found in Missouri's Water Quality Standards [10 CSR 20-7.031(3)]. Effluent limitations and monitoring requirements for the proposed facility can not be recommended at this time without a water quality study.

If you should have questions regarding the water quality review process or requirements for a water quality impact study, please contact me by phone at (573) 526-1446, by e-mail at john.hoke@dnr.mo.gov, or by mail at P.O. Box 176, Jefferson City, MO 65102-0176.

Sincerely,

WATER PROTECTION PROGRAM



John Hoke
Environmental Specialist

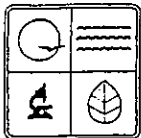
JH:bb

What the difference between this and a 160 acres plant?

Respondent Exhibit No. 21
Case No(s). WC-2007-0303
Date 10-29-07 Rptr pas

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AMO EXHIBIT 21



Missouri Department of Natural Resources
Water Protection Program
NPDES Permits and Engineering Section
NPDES & Stormwater Permit Unit

Water Quality Review Sheet (WQRS) Request Form

Type of Project: Grant/Loan ☐ All other projects ☒

Requester: Ed Stoney Phone: 573-634-7658

REASON FOR REQUEST

New Facility ☒ Upgrade/Expansion ☐ Permit Renewal ☐

Description: Construction of 22,200 gallon per day extended aeration treatment plant. This will be next to a current treatment plant (MO-0114081)

FACILITY INFORMATION

Facility Name: Quail Valley NPDES #: MO-0114081
(if applicable)

Water Quality Issues: _____

Water Quality issues include: effluent limit compliance issues, notice(s) of violation (NOVs), waterbody beneficial uses not attained/supported, etc.

Outfall	Location (Lat/Long or Legal Description)	Receiving Waterbody
	<u>SE 1/4, SE 1/4, NE 1/4, Sec. 30, T44N, R12W, Coldwater Creek Trib to Morgan River</u>	

Please attach topographic map with outfall location(s) marked.

Outfall	Design Flow (MGD)	Treatment Type	Effluent Types*
	<u>1.022</u>	<u>Extended Aeration</u>	<u>Domestic-Subdivision</u>

*Describe predominating character of effluent. Example: Municipal Wastewater, Industrial Wastewater, Stormwater, Mining Leachate, etc.

1. Attach a copy of existing NPDES permit if available.
2. For a new or modified facility, attach list of pollutants expected to be discharged.
3. If additional outfalls exist, please attach a separate sheet.

Signature: Ed Stoney Date: 7-6-05

Submit Request to: Refaat H. Mefrakis, P.E.
NPDES & Stormwater Permit Unit Chief
P.O. Box 176, Jefferson City, MO 65102-0176
Ph: (573) 526-2928, Fax: (573) 751-1146
E-mail: refaat.mefrakis@dnr.mo.gov