

MEMORANDUM

DATE: March 14, 2007
TO: PPACG Board of Directors
FROM: Richard Muzzy, Environmental Program Manager
THROUGH: Robert MacDonald, Executive Director
SUBJECT: Site Application for Platte Canyon School District Wastewater Treatment Plant

ACTION REQUESTED: Review and Approve

SUMMARY:

The proposed Platte Canyon School District Wastewater Treatment Plant (WWTP) will service the Fitzsimmons Middle School, recently constructed High School, and the older Platte Canyon High School, where the school district offices are now located. Projected future flows are estimated to be 19,000 gallons per day. The treatment process will consist of three aerated stage lagoon facilities which will be preceded by septic tank pretreatment using existing septic tanks. Chlorine disinfection will take place prior to discharge to the North Fork South Platte River. The estimated project cost is \$660,000.

The Platte Canyon School District will own and operate the facility. An employee of the district's permanent maintenance staff will be responsible for the system operations and maintenance.

The location map (Attachment 1) shows the location of the schools which are about 3 miles west of Bailey in Park County. The proposed WWTP would be located on the southern part of the school property next to U.S. Highway 285.

PREVIOUS BOARD ACTION:

None

BACKGROUND:

A new WWTP is proposed because the current septic system is inadequate; partial failure has resulted in effluent surfacing. Construction of the new facility is expected to be completed by October 2007.

FINANCIAL IMPLICATIONS:

None

STAKEHOLDER PROCESS:

The Water Quality Management Committee (WQMC), which consists of representatives of special districts and local military installations who are involved with water quality management along with local governments located within El Paso, Teller and Park Counties, reviewed the site application for the Platte Canyon School District WWTP and forwarded its recommendation of approval to the PPACG Board of Directors.

ALTERNATIVES:

1. Approve the Site Application
2. Disapprove the Site Application
3. Request more information

RECOMMENDATIONS:

PPACG staff and the Water Quality Management Committee recommend approval of the site application for development of the Platte Canyon School District Wastewater Treatment Plant. This site application meets the requirements of the Colorado Department of Health and Environment's Regulation No. 22 and is consistent with PPACG's Water Quality Management (208) Plan.

PROPOSED MOTION:

Approve site application for development of Platte Canyon School District Wastewater Treatment Plant.

ATTACHMENT:

1. Location Map