

# **INTO-BASIN DIVERSION REQUEST WITH METERING PLANS**

## **JKLM ENERGY, LLC GOODWIN AND SON'S SAND AND GRAVEL QUARRY**

### **1.0 INTRODUCTION**

Pursuant to the Susquehanna River Basin Commission (SRBC) Regulation (18 CFR Parts 801, 806, 807, and 808), JKLM Energy, LLC (JKLM) has prepared the following submission in order to seek a permit renewal for an into-basin diversion (currently approved as SRBC Docket No. 20161221). JKLM utilizes water withdrawn from the Goodwin and Son's Sand and Gravel Quarry (Goodwin Quarry) located in the Allegheny/Ohio River Basin of Potter County for unconventional natural gas exploration and development activities in the Susquehanna River Basin Region of Eastern Potter County. JKLM has regularly withdrawn water from the Goodwin Quarry under the current SRBC into-basin diversion permit since it was approved in 2016. This permit was most recently revised in 2018, this revision was updated and approved by SRBC.

The Goodwin Quarry is located in Roulette Township, Potter County, Pennsylvania, approximately 9.8 miles southeast of Roulette, Pennsylvania. The site coordinates are N41° 45' 45.8310" and W78° 07' 11.0948". The address is 1815 US Route 6, Roulette, PA 15746. The subject quarry is located on a parcel of approximately 22.86 acres that is southwest of US Route 6 and northeast of the upper Allegheny River. The approximate surface elevation of the quarry is 1555 feet msl.

The Goodwin Quarry is operated under Pennsylvania Department of Environmental Protection (PADEP) Bureau of Mining and Reclamation Small Non-Coal (Industrial Minerals), Surface Mining Permit No. 53112802. The subject facility also operates under National Pollution Discharge Elimination System (NPDES), Permit No. 0257656. PADEP issued Water Obstruction and Encroachment General Permit (GP-4) No. GP4-53112802 to cover the installation and operation of the Goodwin Quarry water intake structure. On April 8, 2015, the PADEP approved a water management plan for Goodwin Quarry to withdrawal water from the quarry pit for the development of unconventional natural gas wells. This plan was most recently approved by DEP in 2019 and is currently in Active status. Water Management Plan (WMP) No. WMP-240145-04, authorized the peak daily withdrawal (or purchase) of up to 1.1 million gallons of water per day (MGD) at an instantaneous maximum rate of 1,000 gallons per minute (gpm) with a pass by flow set at 91.1 cfs or 20% of the average daily flow of the Allegheny River at Port Allegheny (USGS Gauge 03007800). On April 8, 2015, the PADEP also approved a water management plan for JKLM to withdrawal/purchase water from the subject quarry for development of unconventional natural gas wells. WMP No. WMP-308463-04 authorized the withdrawal/purchase of water under the same conditions as the Goodwin Quarry WMP above. The JKLM WMP was most recently re-approved on April 9, 2019, see appendix A for current plan.

To facilitate review of this submission, in accordance with 806.24 (c) regarding into-basin diversions, this submission is divided into the following sections:

- Information on the source, amount, and location of the water being diverted to the Susquehanna River Basin from the importing basin (806.24(c)(1)(i));
- Information on the water quality classification, if any, of the Susquehanna River Basin stream to which diverted water is being discharged, and the discharge location or locations (806.24(c)(1)(ii));
- Demonstration that all applicable withdrawal or discharge permits or approvals related to the diversion have been received by JKLM and demonstrate that the diversion will not result in water quality degradation that may be injurious to any existing or potential ground or surface water use (806.24(c)(1)(iii));
- Information concerning any adverse effects and cumulative adverse effects the project may have on the Susquehanna River Basin, or any portion thereof, as a result of the introduction or potential introduction of invasive or exotic species that may be injurious to the water resources of the basin (806.24(c)(2)(i)); and
- Information concerning the extent to which the proposed diversion satisfies all other applicable general and specific standards pertaining to withdrawals and consumptive use (806.24(c)(2)(ii)).

The following information is also submitted as required:

- Project Contact Information Form
- Application review fee
- Copy of draft Public Notices
- General description of the project, purpose, proposed quantity of water to be diverted, and proposed water sources
- Metering Plan
- Evidence of coordination with member jurisdictions regarding permits and approvals
- Project schedule