

## **Industrial User Pretreatment Program**

The City of Dillon has an Industrial User Pretreatment Program in which industrial users that discharge 25% or more of the City of Dillon's daily permitted wastewater flow (5.0 MGD) are permitted for their discharge. Industries currently under the pretreatment program are Perdue Foods, LLC, Wyman Gordon and Company, and Perdue Hatchery.

Under the pretreatment permit, industries must monitor their daily wastewater discharge for flow and other daily, weekly, or monthly parameters such as Biochemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), Total Suspended Solids (TSS), Ammonia, pH, metals and TTOs (Total Toxic Organics). Each industry has a contract lab to sample and analyze the parameters that the industries are not certified to analyze. The industries report the results monthly on a Discharge Monitoring Report (DMR) to the City of Dillon, and the City of Dillon enters the reported results on a Significant Non-Compliance (SNC) spreadsheet that indicates if the industries are in violation. If a violation occurs, the City of Dillon issues a Notice of Violation (NOV) to that industry. If an industry violates loading concentrations, they are surcharged for the violation (Flow \$1.75 per 1,000 gallons, Ammonia \$10.00 per pound, BOD \$1.25 per pound, COD \$1.25 per pound, and TSS \$1.75 per pound). The City of Dillon is required to submit the SNC spreadsheet and a semi-annual pretreatment summary report for all industries to SCDHEC for January-June by July 28 and for July-December by January 28 along with any NOVs that were issued. The City of Dillon is required to publish in the local newspaper each industry that is in significant non-compliance along with a summary of the violations. The City of Dillon, in turn, is required to submit a copy to SCDHEC.

The Industrial Pretreatment Program also requires the City of Dillon to perform Compliance Sampling Monitoring of each industry for their permitted parameters at least once a year. The City of Dillon has a contract lab to sample and analyze the permitted parameters for each industry. The City, in turn, reports the results to each industry. This is to ensure that pretreatment, sampling procedures, and analysis are being performed as required by the industries permit.

On a yearly basis, the City of Dillon is also required to do an on-site Industrial User Pretreatment Inspection. The City does a walk through of the industries to ensure that all pretreatment methods and equipment are in proper operation. Chemicals must be in secondary containment, and any floor drains can not lead to the City of Dillon Wastewater Collection System. This is to ensure that no harmful chemicals are discharged into the collection system that delivers wastewater to the City of Dillon wastewater treatment plants. The Pretreatment Coordinator oversees the Industrial User Pretreatment Program.