



January 26, 2016

Director
Office of Science Quality and Integrity (OSQI)
U.S. Geological Survey
MS 911 National Center
Reston, VA 20192

Re: Request for Correction of Information submitted under USGS Information Quality Guidelines
GBMc No. 2064-15-500

Dear Sir or Madam:

On behalf of the Georgia Pacific Crossett LLC mill located in Crossett, Arkansas (GP) GBM^c & Associates (GBM^c) submits this information correction request to correct the location of Coffee Creek as shown on the following current United States Geological Survey (USGS) 7.5-Minute Series topographic maps:

- Crossett North, ARK
- Crossett South, ARK-LA, and
- Felsenthal Dam, ARK-LA.

Included with this letter are three attachments, Attachment A is a USGS topographic map set, Attachment B is an aerial photograph map set, and Attachment C is a Geographic Information System (GIS) shapefile reference map. Attachments A and B (topos and aerials) depict the current locations of Coffee Creek and Coffee Creek Relief as they are shown above referenced USGS Quadrangle maps, and the actual location of Coffee Creek as it was delineated and mapped during this study.

Existing USGS Topographic Map Conditions

As currently shown on USGS topographical maps (i.e., the above referenced quadrangle maps), Coffee Creek originates on the GP mill site in Crossett, Arkansas, then flows west across Hwy 82, then flows southwest directly through the Mill's wastewater treatment system, highlighted in yellow on Attachments A and B. This depiction is inaccurate. This actually represents part of the mill's wastewater conveyance system from the mill and through the wastewater treatment system. A significant portion of this route from the mill site to the primary clarifier is piped and not in open channel conveyances.

Delineation and Mapping Investigation

GP contracted GBM^c to conduct a desktop analysis and field investigation to delineate and map the actual location of Coffee Creek in the vicinity of Crossett, Arkansas in Ashley County. A desktop analysis was completed to generally define the site(s), stream(s) and stream segments, and the accuracy of the current USGS topographic maps vs. aerials of the streams and stream segments to be mapped. The desktop analysis was completed using existing information

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including local topographic maps, current and historical aerial photographs, and available land ownership / parcel maps. Field investigations were then conducted to confirm the actual route of Coffee Creek.

On May 5th through 7th, 2015, GBM^c conducted the first of two field investigations to delineate, document, and map the drainage pathway of Coffee Creek. The second trip was completed on August 18th through 19th, 2015. Conditions during both field trips were conducive for identifying, delineating, and mapping the main channel of Coffee Creek. The identification of the stream channel was based upon the presence of ordinary high water features (bed and banks) and on the definition of "Waters of the U.S." as defined in the Clean Water Act. Approximately 9.6 miles of Coffee Creek were field verified from the Ouachita River to Mossy Lake, and from the upper reaches of Mossy Lake near the old railroad tram up to where it crosses US Highway 278 in Crossett, AR (highlighted in blue on Attachments A and B). In addition to the main channel of Coffee Creek, several tributaries and storm water drainages were investigated (highlighted in pink on Attachments A and B) to ensure the most accurate delineation and mapping of Coffee Creek. GBM^c personnel used a Trimble Geo 7X GPS with sub-meter accuracy to complete the mapping project.

Findings


Following the desktop review and the field investigations conducted by GBM^c, it has been determined that Coffee Creek's location as indicated on current USGS topographic maps is incorrect. Attachments A and B provide a visual representation of both the incorrect location presently shown on USGS topographic maps (yellow) and the correct delineated and mapped location of Coffee Creek (blue). Additionally, we have also included with this submittal a GIS shapefile of the correct delineated and mapped main channel of Coffee Creek. Attachment C provides the visual representation of this electronic file.

Recommendations

Based on the information provided herein and associated attachments, we request that all USGS topographic maps (and necessary databases) be updated as soon as practicable and corrected to reflect the actual Coffee Creek stream channel position.

If you have questions or need additional information, please contact Sarah Ross at the Georgia-Pacific mill in Crossett, Arkansas at (870) 567-8670. Thank you in advance for your assistance in this matter.

Sincerely,
GBM^c & ASSOCIATES



Travis Gasnier
Environmental Scientist

Attachments