

HALLIBURTON

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September 10, 2018
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Ms. Mary Barnett
Office of Water, Water Quality Planning Branch
Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, AR 72118-5317

RE: Comments on Draft 2018 ADEQ 303(d) List

Dear Ms. Barnett:

Halliburton Energy Services, Inc. (HESI) is providing the following comments on the draft 2018 303(d) report as it may relate to the Dresser Industries-Magcobar former mine site ("DIM" Site). HESI is currently implementing an Environmental Improvement Project ("EIP") at the DIM Site. The EIP has been approved by the Arkansas Department of Environmental Quality ("ADEQ") and the Arkansas Pollution Control & Ecology Commission has approved site-specific water quality standards that enable HESI to perform the EIP.

Halliburton and ADEQ have diligently collaborated to develop corrective action plans to improve water quality in drainages from the DIM Site and receiving streams as detailed in the ADEQ Remedial Action Decision Document ("RADD;" May 2016) and implemented by Consent Administrative Order ("CAO") LIS 16-043. The EIP and CAO referenced above allow for temporary, lower water quality in Chamberlain Creek and other areas of the site while the corrective actions identified in the RADD are being developed and implemented. The schedules associated with these complex remediation efforts are detailed in ADEQ's RADD and EIP. They have been approved by the ADEQ, the Arkansas Pollution Control and Ecology Commission, and the State of Arkansas.

ADEQ's 2018 draft 303(d) list identifies Chamberlain Creek (AR_08040102_971), Cove Creek downstream of Chamberlain Creek (AR_08040102_970), and Lucinda Creek (AR_08040102_975) for listing in Category 5 (medium). Although these waterbodies were in category 5 on the final 2016 303(d) list, since then the ADEQ has approved the RADD for the DIM site and HESI entered into the CAO with ADEQ agreeing to implement the RADD, which is expected to result in eventual attainment of water quality standards in these streams. Therefore, these streams should be moved to Category 4b for the draft 2018 303(d) list.

Consistent with 40 CFR 130.7(b)(1), the U.S. Environmental Protection Agency (EPA) 2006 Integrated Report guidance (dated July 29, 2005; page 54) includes the following guidance for Category 4b:

EPA regulations recognize that alternative pollution control requirements may obviate the need for a TMDL. Segments are not required to be included on the section 303(d) list if technology-based effluent limitations required by the Act, more stringent effluent limitations required by state, local, or federal authority, or "[other pollution control requirements (e.g., best management practices) required by local, State or Federal authority]" are stringent enough to implement applicable water quality standards (see 40 CFR 130.7(b)(1)) within a reasonable period of time. This guidance acknowledges that the most effective method for achieving water quality standards for some water quality impaired segments may be through controls developed and implemented without TMDLs (referred to as a "4b alternative").

For these three stream segments near the DIM site covered by the RADD, Category 4b is appropriate because HESI's planned remedial action activities are documented in the RADD, EIP, and CAO and qualify as "pollution control requirements". Collectively, the DIM site RADD, EIP, and CAO LIS 16-043 address the six documentation items that the Integrated Report guidance requires to support placement of a waterbody in Category 4b.

HESI appreciates the opportunity to submit these comments on the 2018 draft 303(d) report. If you have any questions or need additional information, please contact me at (281) 575-4428 or Nathan Siria at (501) 225-7779.

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Respectfully Submitted,
Halliburton Energy Services, Inc.


James McGinty
Project Manager

Cc:

- David Martin – HESI
- Jim Malcolm – FTN Associates
- Brian Hansen – Formation Environmental
- Michael Heister – Quattlebaum, Grooms & Tull PLLC