



- LEGEND**
- BFE CONTOUR
  - BANK STATIONS
  - HEC-RAS CROSS SECTION LOCATIONS
  - STREAM FLOWPATH
  - AE
  - FLOODWAY
  - AO (1 FT)
  - AO (2 FT)
  - AO, (3 FT)
  - NONE
  - X
  - FEMA Q3 ZONE X500
  - FEMA Q3 ZONE A
  - INDEX CONTOUR
  - INTERMEDIATE CONTOUR
  - STURGIS CORPORATE LIMITS - AUG 2006

10% 1% CHANCE FLOW  
13,000 CFS

DEADMAN GULCH FLUME

LIMIT OF DETAILED STUDY

THE BEAR BUTTE CREEK MODEL EXTENDS APPROXIMATELY 1.5 MILES EAST TO HIGHWAY 79. DELINEATION ENDS AT THIS POINT DUE TO THE LACK OF DETAILED TOPOGRAPHY.

THE TOPOGRAPHY SHOWN IS A COMBINATION OF FIELD COLLECTED INFORMATION BY THE BLM IN 1995 AND 10-METER USGS DEM INFORMATION.

THE DELINEATION IS PROVIDED TO THIS POINT TO SHOW THAT A REASONABLE TIE-IN CAN BE MADE TO THE MEADE COUNTY ZONE A DELINEATION SHOWN ON THEIR 1978 FIRM.

DIGITAL ORTHOQUADRANGLE OBTAINED FROM THE SOUTH DAKOTA GEOLOGICAL SURVEY. PHOTO DATE: AUGUST 2004. TOPO DATE: NOVEMBER 2001.

ALL DATA SHOWN IS UTM ZONE 13, NORTH AMERICAN DATUM 1983 (NAD83). ELEVATIONS ARE REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29).

CORPORATE LIMITS WERE OBTAINED FROM MEADE COUNTY GIS IN AUGUST 2006. LIMITS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

FINAL SUBMITTAL

**EXHIBIT 3**  
**STURGIS, SOUTH DAKOTA (460055)**  
**BEAR BUTTE CREEK**  
**DOLAN CREEK CONFLUENCE TO**  
**DOWNSTREAM STUDY LIMIT**  
**WORK MAP W/ DELINEATIONS**  
**OCTOBER 2006**

