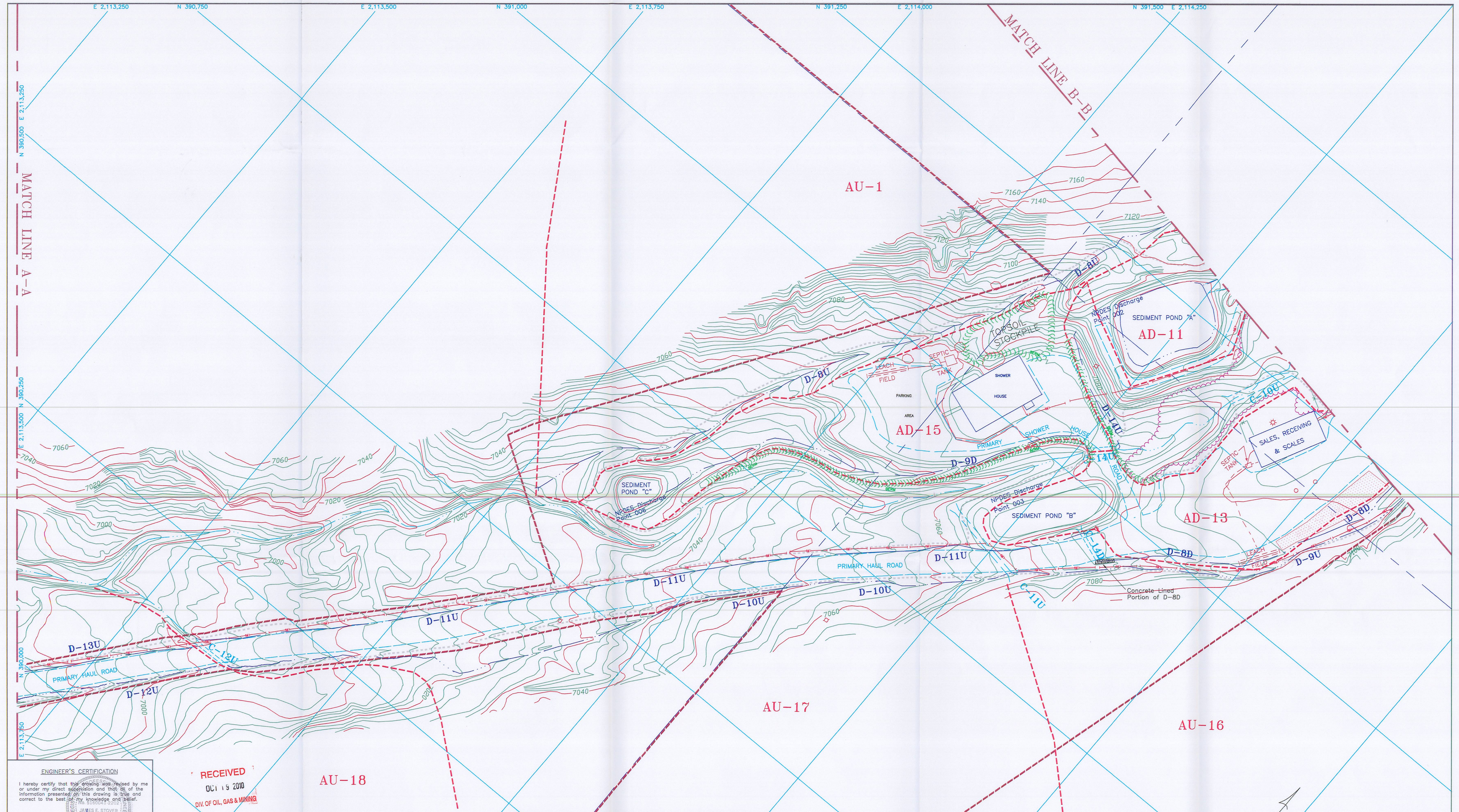


ENGINEER'S CERTIFICATION

I hereby certify that this drawing was revised by me or under my direct supervision and that all of the information presented on this drawing is true and correct to the best of my knowledge and belief.

James E. Stover
Utah P.E. 5160041-2202

Date

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OCT 19 2010
DIV. OF OIL, GAS & MINING

SEE PLATE 7-2 FOR SEDIMENT POND "A" SPECIFICATIONS
SEE PLATE 7-3 FOR SEDIMENT POND "B" SPECIFICATIONS
SEE PLATE 7-6 FOR SEDIMENT POND "C" SPECIFICATIONS

REFER TO TABLES 7.2-10 AND 7.2-11 FOR DITCH AND CULVERT SPECIFICATIONS

CASTLE VALLEY MINING, LLC

# HYDROLOGY MAP

| SCALE: | DRAWN BY: | DATE: |
|---|---|---|
| 1" = 50' | C. Reynolds | 7/19/91 |

BEAR CANYON | PLATE 7-1B

| REV. | DATE | REMARKS | APPR. |
|---|---|---|---|
| 2 | 4-28-92 | Coal Storage Pad Proposal Added | 7-07-92 |
| 3 | 4-28-92 | Sed. Pond "A" Dist. Bound. Corrected | 9-18-92 |
| 4 | 11-20-92 | Shower House Proposal Added (92H) | 2-09-93 |
| 5 | 8-24-94 | Shower House Waterline Added (94C) | 10-19-94 |
| 6 | 2-23-96 | Map Updated For Shower House Pad As-Built (96A) | 7-05-96 |
| 7 | 7-22-96 | D-8D Water Bar Concrete Crossing Added (96C) | 9-04-96 |
| 8 | 12-30-99 | Steel Bridge Structure Contours Near Bath House | 2-10-00 |
| 9 | 8/01/02 | Digitized Map | 12-8-05 |
| 10 | 5/09/06 | WHR Tank Seam As-Built/Snow Storage | 8-22-07 |
| 11 | 10/12/10 | NOV 10068: Ditch D-8D concrete lining, Valve box | |

## LEGEND

| | | | | | |
|---|---|---|---|---|---|
| PERMIT BOUNDARY | | CONTOUR LINE | 6980 | UNDISTURBED DRAINAGE | D-2U |
| DISTURBED AREA | | WATER LINES | W | DISTURBED DRAINAGE | D-2D |
| PRE-1977 DISTURBANCE | | SECTION LINE | | DRAINAGE BOUNDARY | |
| CULVERTS | | SEE PLATES 2-4 FOR SURFACE FACILITIES | | SEE PLATE 7-5 FOR COMPLETE WATERSHED MAP | |

File in:
☐ Confidential
☐ Shelf
☒ Expandable
Date Folder 10/19/2010 Cl 0150025
See Incoming For additional

SCALE 1" = 50'
50' 25' 0 50' 100' 150'
CONTOUR INTERVAL 2'
PHOTOGRAPHY DATE NOV. 11, 1990