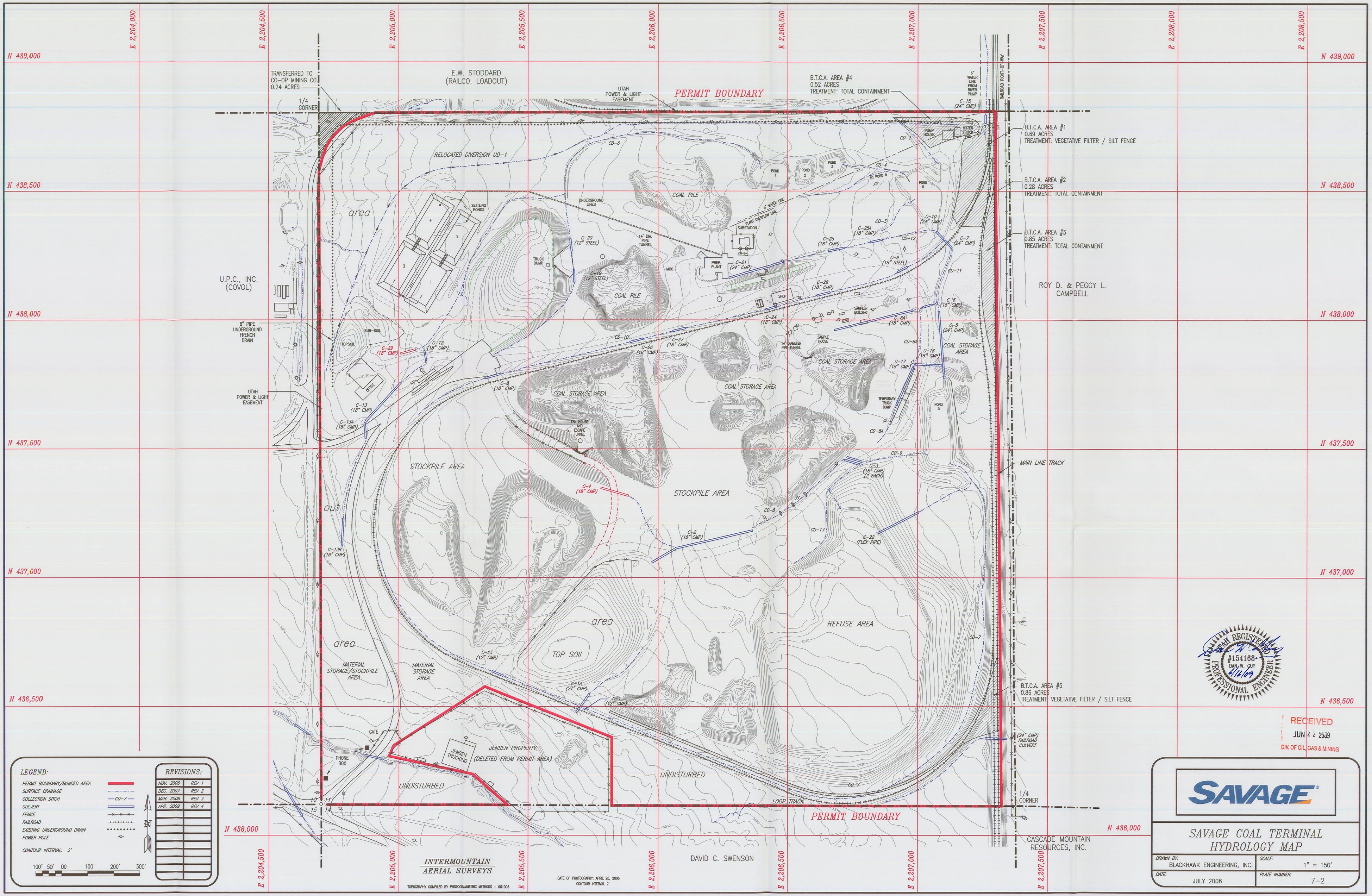
E 2,204,000
E 2,204,500
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E 2,208,000
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N 439,000
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N 436,000
TRANSFERRED TO CO-OP MINING CO. 0.24 ACRES
E.W. STODDARD (RAILCO. LOADOUT)
UTAH POWER & LIGHT EASEMENT
PERMIT BOUNDARY
B.T.C.A. AREA #4 0.52 ACRES TREATMENT: TOTAL CONTAINMENT
6" WATER LINE FROM RIVER PUMP
RAILROAD RIGHT-OF-WAY
1/4 CORNER
B.T.C.A. AREA #1 0.69 ACRES TREATMENT: VEGETATIVE FILTER / SILT FENCE
B.T.C.A. AREA #2 0.28 ACRES TREATMENT: TOTAL CONTAINMENT
B.T.C.A. AREA #3 0.85 ACRES TREATMENT: TOTAL CONTAINMENT
RELOCATED DIVERSION UD-1
PUMP HOUSE
WATER TREATMENT PLANT
POND 1
POND 2
POND 3
POND 4
POND 5
POND 6
COAL PILE
UNDERGROUND LINES
SETTLING PONDS
6" WATER LINE
PLANT OVERFLOW LINE
SUBSTATION
14" DIA. PIPE TUNNEL
PREP. PLANT
MCC
SHOP
SAMPLER BUILDING
SAMPLE HOUSE
14" DIAMETER PIPE TUNNEL
TRUCK DUMP
U.P.C., INC. (COVOL)
ROY D. & PEGGY L. CAMPBELL
8" PIPE UNDERGROUND FRENCH DRAIN
SUB-SOIL
TOPSOIL
OFFICE
UTAH POWER & LIGHT EASEMENT
COAL STORAGE AREA
TEMPORARY TRUCK DUMP
FAN HOUSE AND ESCAPE TUNNEL
STOCKPILE AREA
MAIN LINE TRACK
REFUSE AREA
TOP SOIL
MATERIAL STORAGE/STOCKPILE AREA
MATERIAL STORAGE AREA
B.T.C.A. AREA #5 0.86 ACRES TREATMENT: VEGETATIVE FILTER / SILT FENCE
(24" CMP) RAILROAD CULVERT
GATE
PHONE BOX
JENSEN TRUCKING
JENSEN PROPERTY (DELETED FROM PERMIT AREA)
UNDISTURBED
LOOP TRACK
CASCADE MOUNTAIN RESOURCES, INC.
C-1 (12" CMP)
C-1A (24" CMP)
C-2 (18" CMP)
C-3 (18" CMP) (2 EACH)
C-4 (18" CMP)
C-5 (24" CMP)
C-6 (18" CMP)
C-7 (24" CMP)
C-8 (18" CMP)
C-9 (18" STEEL)
C-10 (24" CMP)
C-12 (18" CMP)
C-13 (18" CMP)
C-13A (18" CMP)
C-13B (18" CMP)
C-15 (24" CMP)
C-17 (18" CMP)
C-18 (18" CMP)
C-19 (12" STEEL)
C-20 (12" STEEL)
C-21 (24" CMP)
C-22 (FLEX PIPE)
C-23 (12" CMP)
C-24 (18" CMP)
C-25 (18" CMP)
C-25A (18" CMP)
C-27 (18" CMP)
C-28 (18" CMP)
C-29 (18" CMP)
CD-1
CD-2
CD-3
CD-4
CD-5
CD-6
CD-7
CD-8
CD-8A
CD-9
CD-10
CD-11
CD-12
CD-13
LEGEND:
PERMIT BOUNDARY/BONDED AREA
SURFACE DRAINAGE
COLLECTION DITCH
CULVERT
FENCE
RAILROAD
EXISTING UNDERGROUND DRAIN
POWER POLE
CONTOUR INTERVAL: 2'
100' 50' 00 100' 200' 300'
REVISIONS:
NOV. 2006 REV 1
DEC. 2007 REV 2
MAR. 2008 REV 3
APR. 2009 REV 4
INTERMOUNTAIN AERIAL SURVEYS
TOPOGRAPHY COMPILED BY PHOTOGRAMMETRIC METHODS – 061006
DATE OF PHOTOGRAPHY: APRIL 28, 2006
CONTOUR INTERVAL 2'
DAVID C. SWENSON
UTAH REGISTERED #154168 DAN W. GUY PROFESSIONAL ENGINEER
RECEIVED JUN 2 2 2009 DIV. OF OIL, GAS & MINING
SAVAGE
SAVAGE COAL TERMINAL HYDROLOGY MAP
DRAWN BY: BLACKHAWK ENGINEERING, INC.
SCALE: 1" = 150'
DATE: JULY 2006
PLATE NUMBER: 7-2