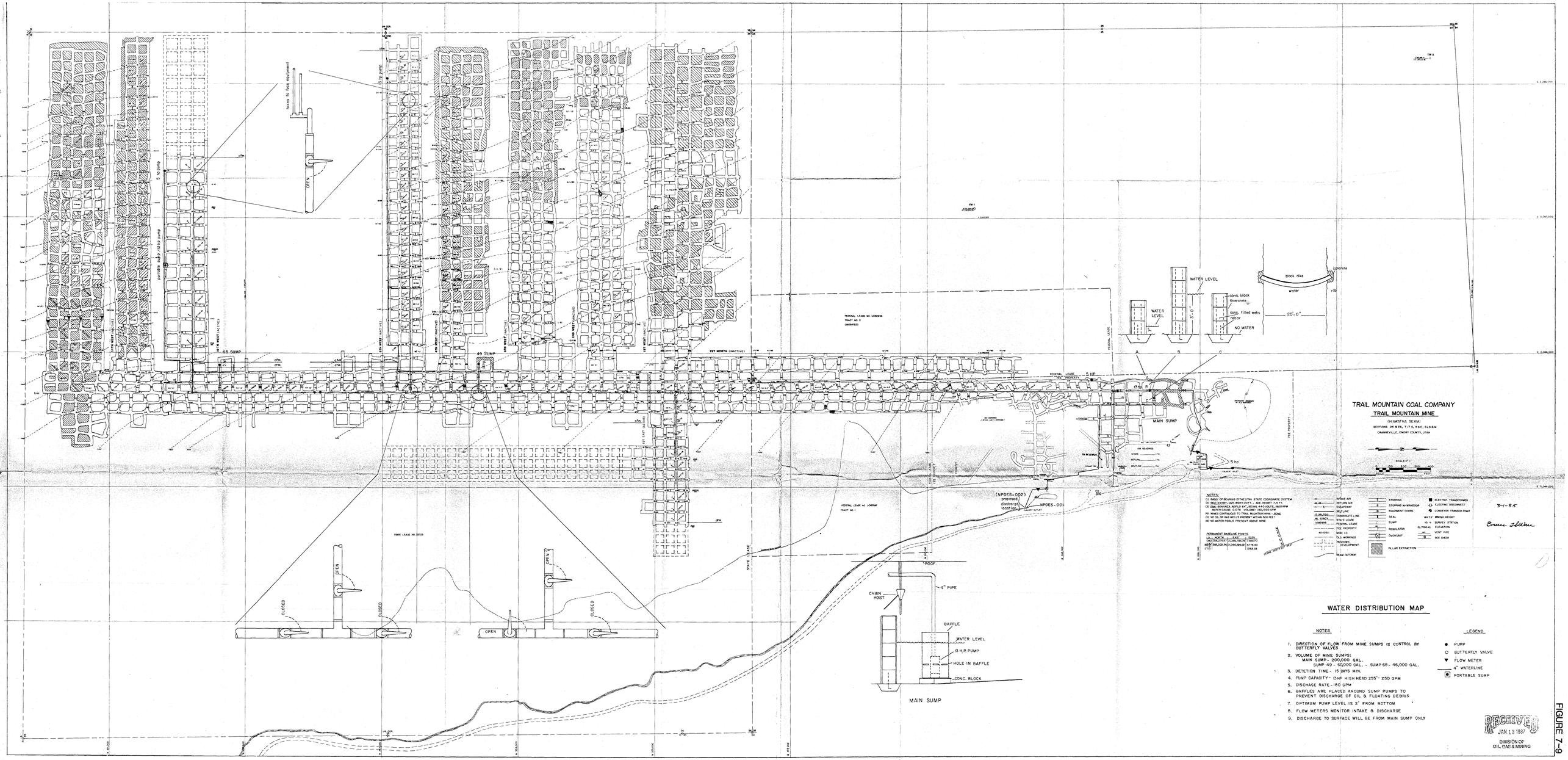
TRAIL MOUNTAIN COAL COMPANY
TRAIL MOUNTAIN MINE
(HIAWATHA SEAM)
SECTIONS 25 & 26, T 17 S, R 6 E, SLB & M
CRANNEVILLE, EMERY COUNTY, UTAH
SCALE: 1" = 0
100 200 300 400
FEET
NOTES:
(1) BASIS OF BEARING IS THE UTAH STATE COORDINATE SYSTEM
(2) SELF ENTRY - AVE WIDTH 20 FT. - AVE HEIGHT 7.5 FT.
(3) DEBRIS BONANZA AVE. FLOW 50 FT. - AVE HEIGHT 4.5 FT.
(4) MINES CONTINUOUS TO TRAIL MOUNTAIN MINE - NONE
(5) NO OIL OR GAS WELLS PRESENT WITHIN 500 FEET
(6) NO WATER POOLS PRESENT ABOVE MINE
PERMANENT BASELINE POINTS
INTAKE AIR
RETURN AIR
ESCAPEWAY
SEAL
SUMP
REGULATOR
OVERCAST
PILLAR EXTRACTION
STOPPING
STOPPING W/WANDOOR
EQUIPMENT DOORS
SEAL
SUMP
REGULATOR
OVERCAST
ELECTRIC TRANSFORMER
ELECTRIC DISCONNECT
CONVEYOR TRANSFER POINT
MINING HEIGHT
SURVEY STATION
ELEVATION
VENT PIPE
BOX CHECK
3-1-85
Bruce Idlebe
WATER DISTRIBUTION MAP
NOTES
1. DIRECTION OF FLOW FROM MINE SUMPS IS CONTROL BY BUTTERFLY VALVES
2. VOLUME OF MINE SUMPS:
MAIN SUMP - 200,000 GAL.
SUMP 49 - 60,000 GAL. - SUMP 68 - 46,000 GAL.
3. DETETION TIME - 15 DAYS MIN.
4. PUMP CAPACITY - 13 HP HIGH HEAD 255' - 250 GPM
5. DISCHAGE RATE - 180 GPM
6. BAFFLES ARE PLACED AROUND SUMP PUMPS TO PREVENT DISCHARGE OF OIL & FLOATING DEBRIS
7. OPTIMUM PUMP LEVEL IS 2' FROM BOTTOM
8. FLOW METERS MONITOR INTAKE & DISCHARGE
9. DISCHARGE TO SURFACE WILL BE FROM MAIN SUMP ONLY
LEGEND
PUMP
BUTTERFLY VALVE
FLOW METER
4" WATERLINE
PORTABLE SUMP
RECEIVED
JAN 13 1987
DIVISION OF
OIL, GAS & MINING
68 SUMP
49 SUMP
MAIN SUMP
WATER LEVEL
NO WATER
block dike
concrete
water
rib
conc. block
fibercrete
conc. filled webs
rebar
20'-0"
5 hp
(NPDES-002)
proposed
discharge
location
NPDES-001
OPEN
CLOSED
ROOF
4" PIPE
CHAIN HOIST
BAFFLE
WATER LEVEL
13 H.P. PUMP
HOLE IN BAFFLE
CONC. BLOCK
MAIN SUMP

FIGURE 7-9