This Illustration for Information Purposes only.

TO EXHAUST FILTER BLDG.
AND MAIN FANS

COLLAR - 3409.9 EL.

20' FROM SURFACE ROCK

10" MINIMUM THICKNESS

14' DIA

CONCRETE FILLED CMP

STATION "A" ISOKENETIC PROBES

14" MINIMUM THICKNESS

14' DIA

CONCRETE LINING

SEGMENTED STEEL LINER

WATER BEARING ZONE (MAGENTA)

GROUTED INTERFACE

WATER BEARING ZONE (CULEBRA)

SEGMENTED STEEL LINER

16" MINIMUM THICKNESS

CONCRETE LINING

GROUTED INTERFACE

ROCK 843' FROM SURFACE

CHEMICAL SEAL

KEY

CONCRETE

ROCKBOLTED WIRE MESH GROUND SUPPORT

STORAGE HORIZON 2157' FROM SURFACE

S400 DRIFT

AIR FLOW

COLLAR

WATER BEARING ZONE SEALS

KEY & STATION

SDUH008

X-X

FIGURE 3-7. Exhaust Shaft

RECEIVER
JUL 18

960172
Underground Water Volumes

Date

Volume (gallons)
0  500  1000  1500  2000  2500  3000  3500  4000  4500  5000

- Waste Sump
- Exhaust Catchbasin
- Total
SUMMARY OF LEAD ANALYTIC RESULTS
SULTS
SAMPUNC> 1/19/96 - 1/23/96

EXHAUST SHAFT SALT 1.8 mg/L
DOMESTIC FIRE WATER 0.02 mg/L

LEGEND
COMPLETED EXCAVATION 12/31/83
PLANNED EXCAVATION DRILLHOLE(S) USED FOR BRINE OBSERVATION
REPRESENTS 2 OR MORE DRILL HOLES

NOTES:
1. MINE COORDINATES IN FEET FROM THE CENTER OF THE SALT HANDLING SHAFT.
2. DRIFT WIDTHS NOT TO SCALE. ENLARGED 2X FOR CLARITY.

SAMPLE 21 - DOMESTIC WATER
SAMPLE 22 - FIRE WATER
SAMPLE 23 - RETENTION POND IN S.E. PART OF SITE (JUST S. OF R.R. TRACKS)

MAP OF WIPP UNDERGROUND SHOWING PROPOSED SAMPLING LOCATIONS

FIGURE 1
EXHAUST SHAFT

OH 226
E312/S400
IN MARKER BED
3'' DIA./6 FT. DEEP

E-300

OH 224
E283/S400
TOP OF MARKER BED
3'' DIA./1'-'5" DEEP (DRY)

OH 225
E267/S400
TOP OF MARKER BED
3'' DIA./3'-3" DEEP (PUMPING HERE)

OH 222
E221/S400
IN MARKER BED
3'' DIA./5'-5" DEEP

S-400

E-140

MARKER BED IS 4'-5" BELOW THE FLOOR AND 1'-2" THICK.
BOREHOLES WERE DRILLED IN 1993 TO DEWATER.
ORIGINAL BOREHOLE DEPTHS WERE 6'-0".
DEPTH MEASUREMENTS RECENTLY TAKEN BY MD ENGINEERING.

WASTE HANDLING SHAFT

20' 0 20' 40'

S400 BOREHOLES
LEGEND

- COMPLETED EXCAVATION 12/31/93
- PLANNED EXCAVATION
- DRILLHOLE(S) USED FOR BRINE OBSERVATION
- REPRESENTS 2 OR MORE DRILL HOLES

NOTES:

1. MINE COORDINATES IN FEET FROM THE CENTER OF THE SALT HANDLING SHAFT.
2. DRIFT WIDTHS NOT TO SCALE, ENLARGED 2X FOR CLARITY.