

(2) GENERAL INFORMATION:

Facility Name PDGP Facility Address McCaw Rd Date Received: JAN 12 1998
 Mailing Address PO Box 1410 City Keok
 City Paducah State Ky Zip 42053
 State Ky Zip 42002 Owner's Phone (502) 441-6000

(3) AKGWA NUMBER:
 8 0 0 3 - 3 4 8 3

(4) WELL LOCATION: USGS Quadrangle Name HEA County McCracken Latitude 37 06 55N Longitude 88 48 41 W

(5) GENERAL WELL CONSTRUCTION:
 Start Date: 12-15-97
 Finish Date: 12-22-97
 Drilling Method: Roto Sonic
 Surface Elevation: 377.0 ft.
 Total Depth: 137 ft.
 Depth to Bedrock: — ft.
 (If Applicable)
 Depth to Static Water: 41 ft.

(6) PHYSIOGRAPHIC/HYDROLOGIC REGION:
 Blue Grass Ohio River Alluvium
 E. Coal Field W. Coal Field
 Miss. Plateau Jackson Purchase

(7) FACILITY TYPE:
 Surface Mining RCRA TSCA
 CERCLA Site Assessment
 UST Solid Waste Landfill
 Other: Landfarm

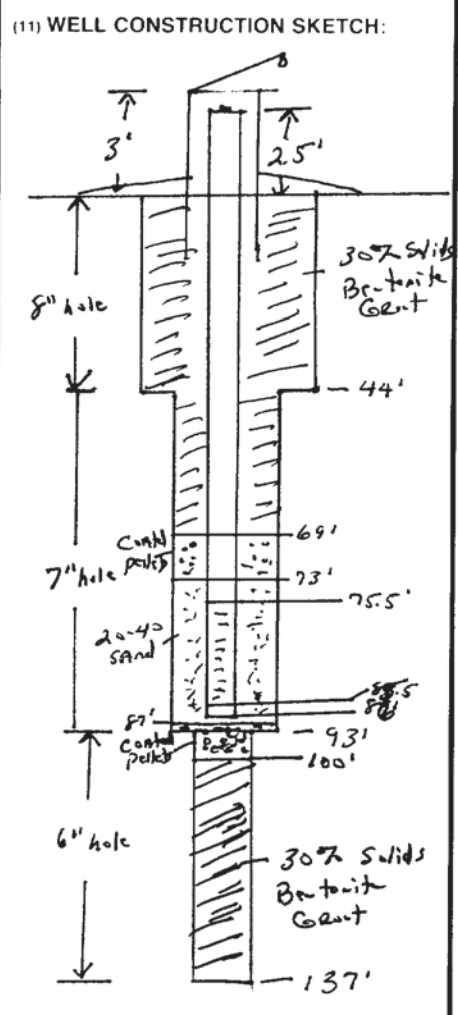
(8) WELL USE:
 Water Quality Water Level Monitoring
 Ambient Monitoring Remediation
 Other

(9) LABORATORY ANALYSIS:
 (Attach Copy of Results)
 Sampling Date: NA
 Analysis Date: _____
 Laboratory Name: _____

(10) WELL COMPLETION INFORMATION

Feet Below Surface From:	To:	Hole Diameter	Casing Diameter	Casing Type
0	44	8"	2"	SS
44	69	7"	2"	SS
69	75.4	7"	2"	SS
Screen 2010" 2" SS				
75.4 85.4 7" 2" SS				
Sump				
85.4 85.9 7" 2" SS				
2" Centralizer - SS				
15', 40', 65'				

Attach additional sheets if necessary



(12) LITHOLOGIC LOG:

Feet Below Surface From:	To:	Description
0	17	Clay
17	20	Gravel, Clay
20	30	Gravel, Sand
30	34	Silty Clay
34	36	Sand
36	42.5	Gravel
42.5	59.5	Clay
59.5	87	Gravel
87	101	Clay
101	103	Sand
107	107.5	Clay
107.5	114.5	Clay
114.5	117	Sand
117	118.5	Clay
118.5	124	Sand
124	137	Clay

Attach additional sheets if necessary

(13) SITE SKETCH MAP:
 See Attached
 MAPS.

(14) COMMENTS: 8" Temp. Sonic Casing to 44', 7" Temp Sonic Csg to 93', TD 6" Sonic hole at 137'. Backfill 100'-137' with 30% solids bentonite Grout. Let set overnight. Backfill 87'-100' with coated bentonite pellets. Let set overnight between well construction as above. 2" screen 73.5'-85.5' 2" Sump 85.5'-86'. Sand pack 73'-87' - Pellet seal 69'-73' - Let set overnight: 30% solids Bentonite Grout 0-69'

(15) AFFIRMATION: The work described above was done under my supervision, and this report is true and correct to the best of my knowledge.

Drilling Company _____ State Certification Number or Rig Operator's No. _____ Signature of Responsible Certified Driller _____



CH2MHILL

MONITORING WELL CONSTRUCTION LOG: Standard

Installation Monitoring Well

Site WAG 6

AKGWA Number 8003-3483

Drilling Contractor Alliance Environmental, Inc.

Built By Ed Miller

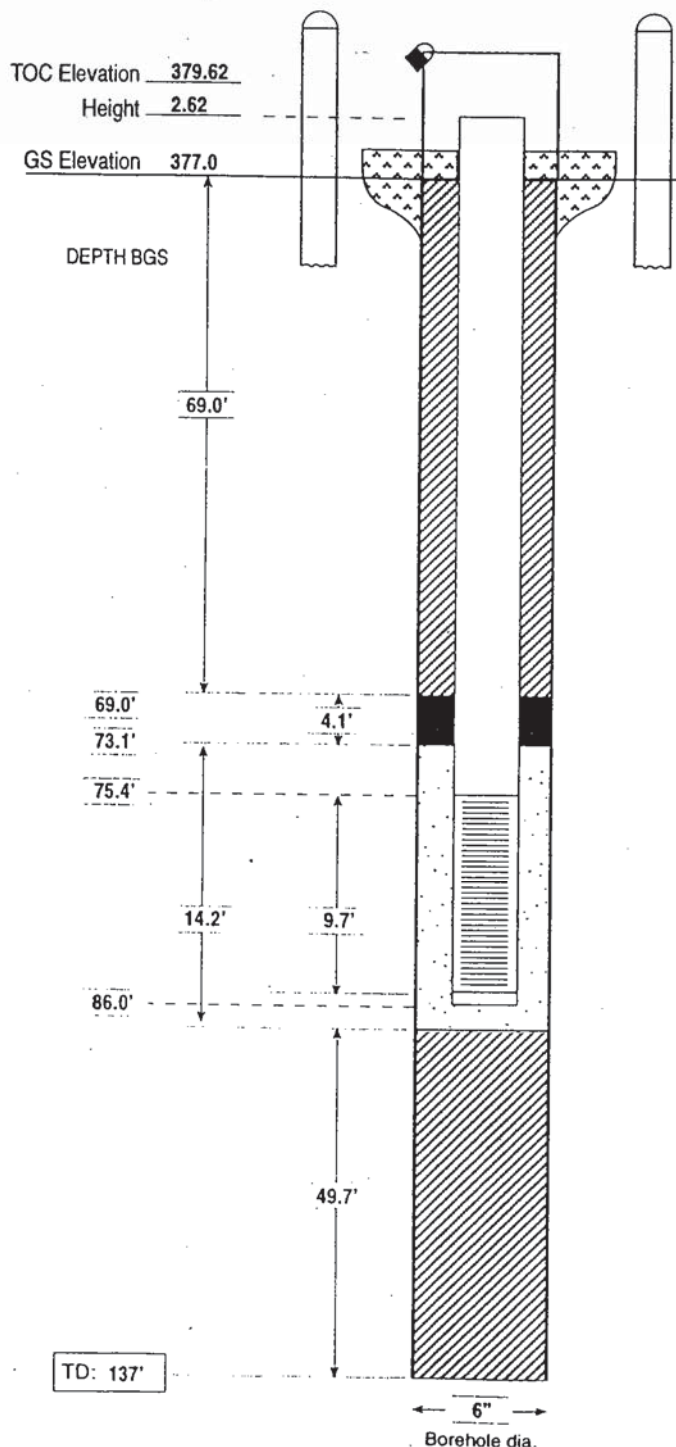
Well Number MW-342 (400-210)

Client/Project PGDP

Starting date 12/19/98 time 1012

Completion date 12/22/98 time 1600

Well Coordinates E 4404.50 N 1289.70



TD: 137'

PROTECTIVE GROUND POST

Quantity 4
 Material / Type Seamless Steel Schedule 40 ASTM A53-90
 Diameter 6"

PROTECTIVE CSG

Material / Type Steel / Schedule 40
 Diameter 6" Water Tight Seal (Y / N)
 Depth BGS 3.5' Weep Hole (Y / N)

SURFACE PAD

Composition & Size Concrete 4' x 4' x 8"

RISER PIPE

Type 316 Stainless Steel Schedule 55
 Diameter 2"
 Total Length (TOC to TOS) 77.5'

GROUT / SEAL

Composition & Proportions Pure Gold Grout with 30% Solids
 Tremied (Y / N)
 Interval BGS Surface to 69'

CENTRALIZERS (Y / N)

Depth(s) BGS 15', 40', 65'

BENTONITE SEAL

Interval BGS 69.0' to 73.1'
 Hydration Time >8 hours

FILTER PACK

Type Number 5 Quartz Sand
 Tremied (Y / N)

SCREEN

Type 316 Stainless Steel Schedule 55
 Diameter 2"
 Slot Size & Type .01" Wire Wrap
 Interval BGS 75.4' to 85.1'

BACKFILL PLUG

Material Pure Gold Grout with 30% Solids and Bentonite Pellets
 Hydration Time >24 hours
 Tremied (Y / N)

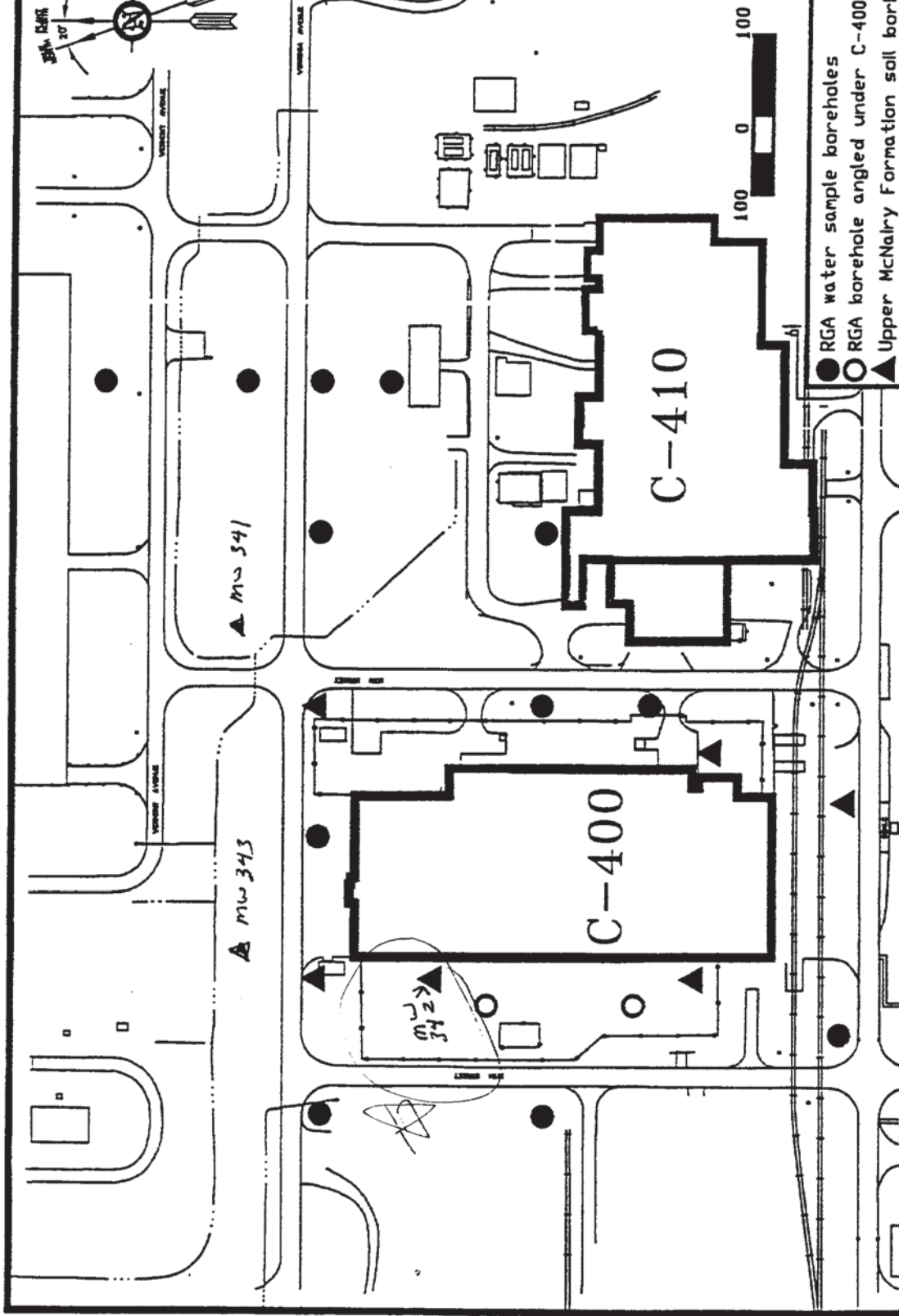


Fig. 10.7. Sampling locations for the C-400 Site Evaluation.

3258 ILLINE
(1:25,000)

