Meeting Minutes

Cooper and Commerce Water Quality Assurance Revolving Fund (WQARF) Site Community Advisory Board (CAB) Meeting

Thursday, May 22, 2008 at 6 p.m.
McQueen Park Activity Center
510 N. Horne St., Gilbert, Arizona

DRAFT MINUTES

OU #08-159

CAB members present: Michael Evans, Carrie Lewis, Deanna Gnadt, Pacer Udall, and Bobbi Buchli
CAB Members absent: Bruce Friedrich, and Nyangenya (Joe) Maniga

ADEQ Staff in attendance: Scott Goodwin, Project Manager; and Felicia Calderon, Community Involvement Coordinator

Members of the public present: None

The following matters were discussed, considered, or decided at the meeting:

1. Welcome and Introductions
Ms. Calderon greeted all attendees and turned over the meeting to the Co-Chair, Mr. Udall.

2. Acceptance and/or Changes to February 28, 2008 Minutes
Mr. Udall presented a motion to accept the draft minutes. Mr. Evans moved to accept the minutes, and it was seconded by Ms. Lewis. The motion then passed unanimously by the CAB.

3. Current Status and Activities at Cooper and Commerce WQARF site
Mr. Goodwin initiated his presentation to the CAB with a discussion on current and future activities for Cooper and Commerce.

See presentation below

A. First Quarter 2008 Groundwater Flow Direction and Concentrations

See presentation below

Ms. Buchli questioned the significance of the blue lines on Mr. Goodwin's PowerPoint map. In response Mr. Goodwin stated that these lines represented equal elevations and that groundwater flows at right angles to these lines. In addition Mr. Goodwin advised the CAB

that two additional monitoring wells would be installed the next fiscal year on the north side of Guadalupe. Mrs. Gnadt requested further information about the monitoring well being installed in her neighborhood. Mr. Goodwin explained that these installations average about a day and a half, but could take longer if problems were encountered. Additionally, Mr. Goodwin added that particular consideration would be given in choosing the exact well locations. At this time, Mr. Goodwin envisioned two wells north of Guadalupe, one to the east of Cooper, and one to the west of Cooper.

B. Review of Groundwater Elevations and Concentrations Trends

See presentation below

Mr. Goodwin continued to present well concentrations and water levels for monitor wells at the site.

C. Update on Construction of Soil Vapor Extraction (SVE) and Groundwater Pump and Treat Systems

See presentation below

Ms. Buchli inquired how often the SVE systems would be checked. In response Mr. Goodwin advised that weekly checks would routinely be performed by the contractor, Hydro Geo Chem., Inc. Mr. Goodwin presented a compound treatment process diagram and SVE installation site photos for the CAB to review. Ms. Buchli inquired as to the end location of extracted vapors. In response Mr. Goodwin replied that the extracted vapors are treated through a carbon system and released into the air. Additionally, Mr. Goodwin advised the CAB that all discharged air would have to adhere to the Maricopa air permit standards.

D. Status of Air Quality Permit

See presentation below

The CAB requested notification of the opening of the 30-day public comment period for the Maricopa County Air Permit. Mr. Goodwin explained that if no comments are received by Maricopa County during the comment period, the air permit should be issued without a hearing.

4. New CAB Co-Chair Voting and Nominations

Mr. Evans requested a motion to retain the same co-chairs, Pacer Udall and himself. Mrs. Gnadt made the motion, and Ms. Lewis seconded. The motion then passed unanimously by the CAB.

5. Call to the Public None

6. Future Meeting and Agenda Discussion

The next CAB meeting was scheduled for Tuesday, October 21, 2008, beginning at 6 p.m. At this time the CAB elected to have the next meeting at Freestone Park, 1045 E. Juniper Rd.,

Gilbert, AZ 85234. Proposed agenda items for the next meeting included: proposed locations of well installs north of Guadalupe, status of Air Quality Permit, results of quarter sampling, Salt River Project (SRP) negotiations, and update regarding SVE and groundwater concentrations.

7. Adjournment

Mr. Udall asked for a motion to adjourn. Mr. Evans made a motion and Ms. Buchli seconded. The meeting was adjourned.

Cooper and Commerce Water Quality Assurance Revolving Fund (WQARF) Site

May 22, 2008

First Quarter 2008 Groundwater Update

- Groundwater flow direction for the first quarter 2008 was predominately to the west.
- Concentrations in MW-106 and MW-108 increasing.
- During February 2008, three new monitor wells were installed northwest, north and east of the site.
- New wells indicate north edge of plume extends north of Guadalupe Road.

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Legend

● MW-102 Monitoring Well with Elevation 1104.84

NOTE: Contour Interval = 0.1 feet

Water Elevation Contours Based on Shallow Wells: G-8, G-9, G-10, EW-101, MW-101, MW-103, MW-104S, MW-105, MW-107, MW-108, MW-109, MW-110, MW-111, MW-112

1 inch equals 400 feet

0 200 400 800 Feet

PROJECTION: UTM Zone 12N NAD83

N

HYDRO GEO CHEM, INC.

GROUNDWATER ELEVATION MAP: MARCH 2008
COOPER AND COMMERCE WQARF SITE

Approved	Date	Author	Date	File Name	Figure
RP	04/30/08	RAM	04/30/08	8331610G	5

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Legend

MW-102 520 Monitoring Well with PCE Concentration in µg/L

5µg/L PCE Contour

1 inch equals 400 feet

0 200 400 800 Feet

PROJECTION: UTM Zone 12N NAD83

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HYDRO GEO CHEM, INC.

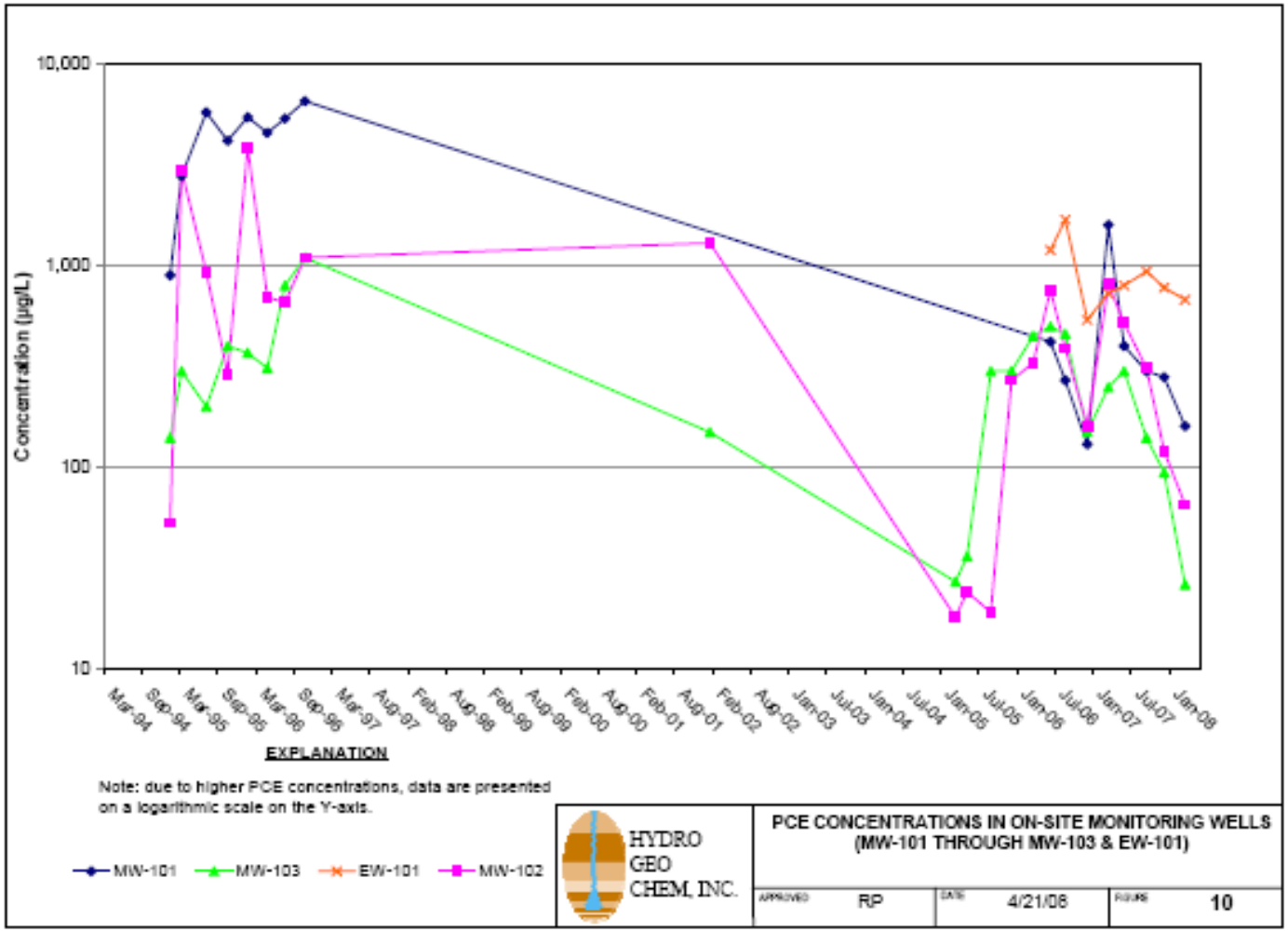
PCE DISTRIBUTION FIRST QUARTER 2008
COOPER AND COMMERCE WQARF SITE

Approved	Date	Author	Date	File Name	Figure
RP	04/30/08	RAM	04/30/08	8331611G	2

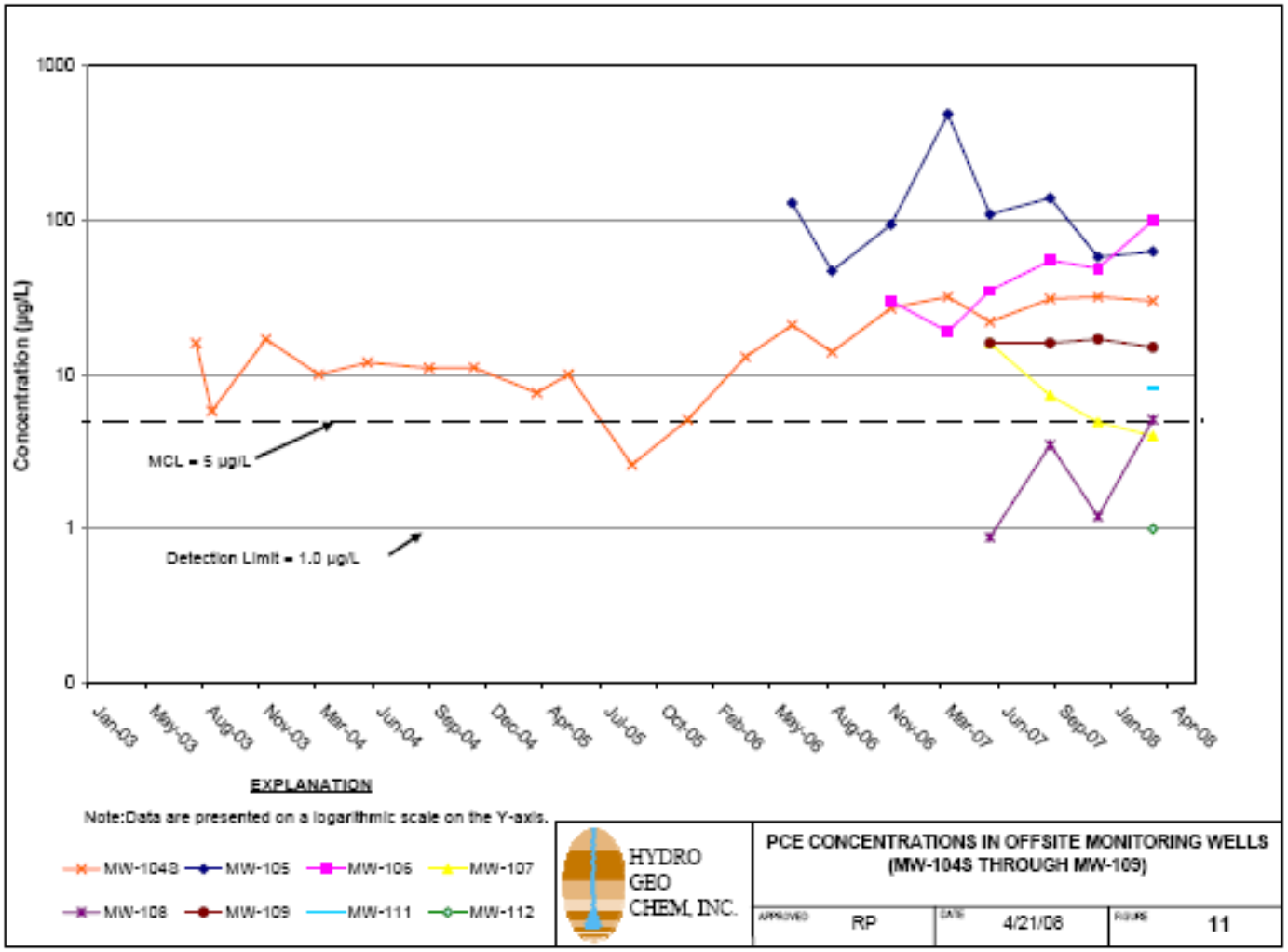
Review - Groundwater Elevation and Concentration Trends

- On-site PCE concentrations have declined over time.
- Off-site PCE concentrations are increasing over time.
- Steady increase in water table elevation since late 2004 due to lack of pumping in SRP wells.

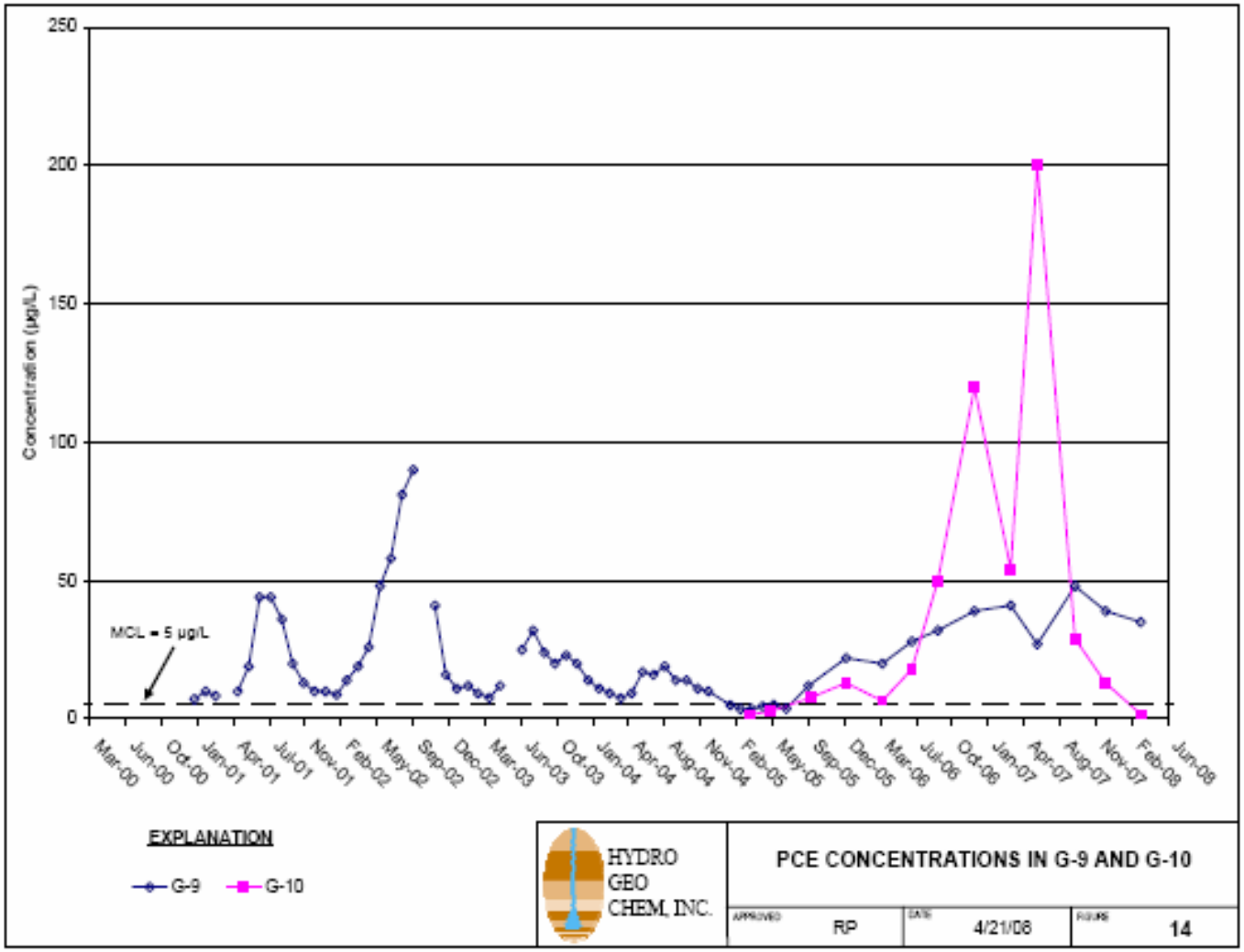
On-site PCE Concentrations



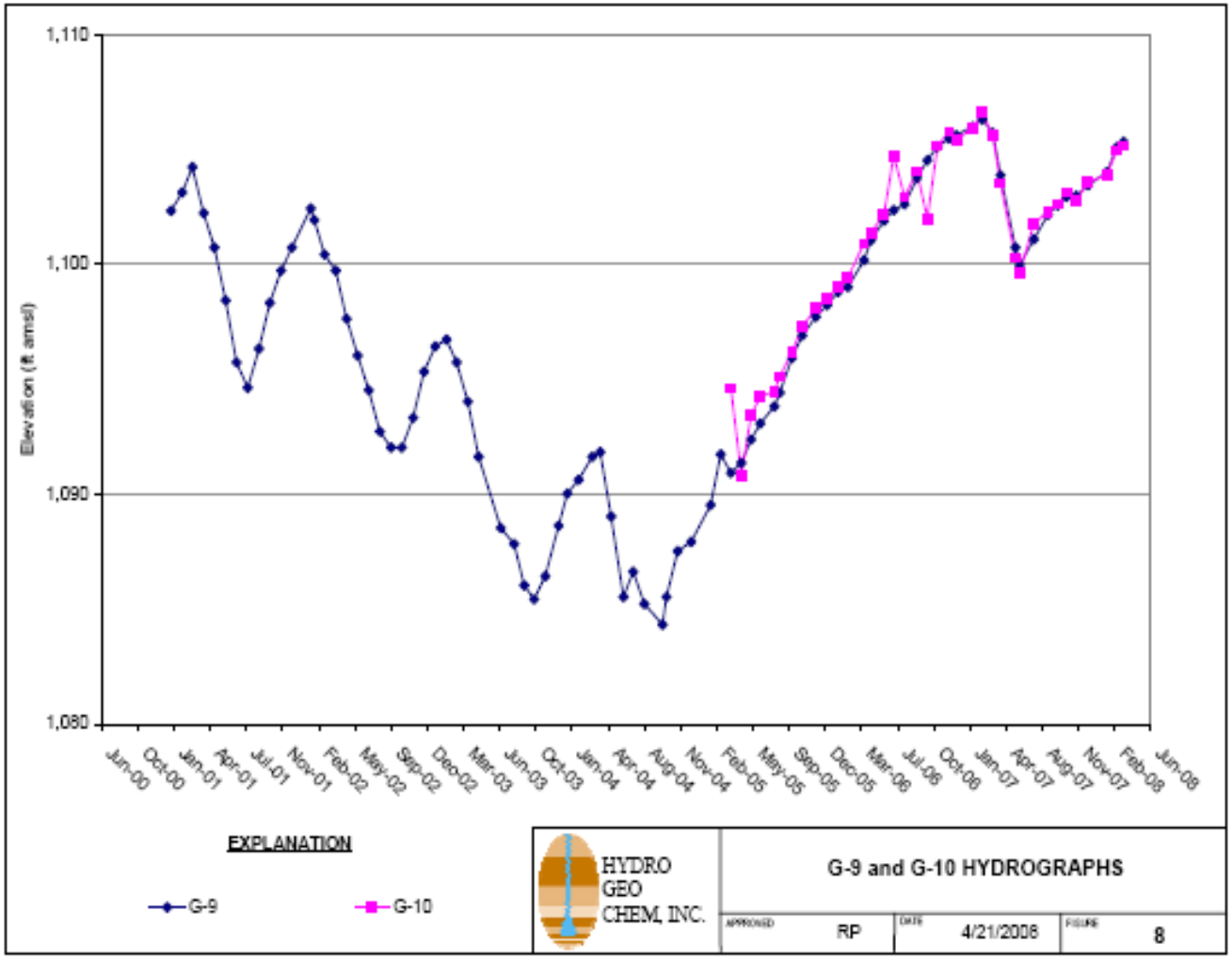
Off-site PCE concentrations



G-9 and G-10 Concentrations



G-9,G-10 Water levels



Update – Construction of Soil Vapor Extraction and Groundwater Pump and Treat Systems, Status of Maricopa County Air Permit

- HGC began construction of treatment system compound on April 28, 2008.
- ADEQ submitted draft air permit to Maricopa County in February 2008.
- Maricopa County provided comments to the draft air permit on March 31, 2008.

Update – Construction of Soil Vapor Extraction and Groundwater Pump and Treat Systems, Status of Maricopa County Air Permit

- HGC responded to these comments on April 15, 2008.
- Currently awaiting final draft permit from Maricopa County.
- ADEQ still anticipates 30 day public notice period for permit.

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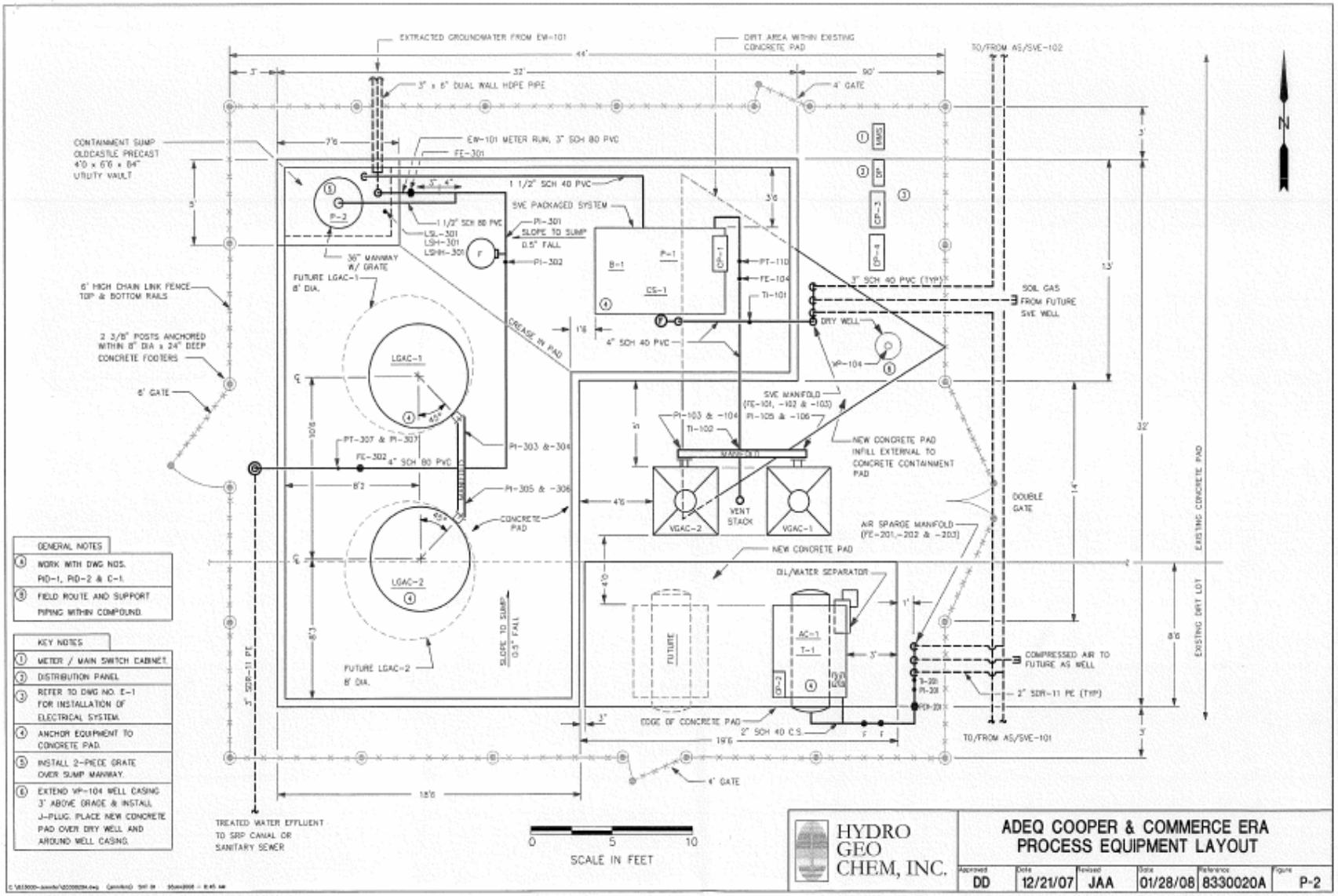

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Questions

Contact Information

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