June 29, 2005

Robert Perdue  
Executive Officer  
California Regional Water Quality Control Board  
Colorado River Basin Region  
73-720 Fred Waring Drive, Suite 100  
Palm Desert, CA 92260

Subject: Waste Discharge Requirements, Order No. R7-2004-0103  
Monitoring and Reporting Program, Sampling Locations  
Pacific Gas and Electric Company, Topock Compressor Station  
Interim Measure No. 3  
Needles, California

Dear Mr. Perdue:

The Pacific Gas and Electric Company (PG&E) is submitting this letter in accordance with Waste Discharge Requirements, Order No. R7-2004-0103 (WDRs). Within the Monitoring and Reporting Program for the WDRs, PG&E is required (under Condition 1., Treatment Facility Start Up Phase and Start Up Reporting) to "inform the Regional Board in writing of the location of all sampling stations and the expected start up date at least 10 days prior to beginning operational start up". The earliest expected start up date for the treatment system, when extracted groundwater first enters the system, is currently July 16, 2005.

The attached table provides a brief narrative description of sampling stations. The attached figures (and legend) show their locations.

Please contact me at 925/974-4079 if you have any questions regarding this information.

Sincerely,

[Signature]

Attachment

cc:  Lianm Chavez, RWQCB  
Jose Cortez, RWQCB  
Norman Shopay, DTSC
<table>
<thead>
<tr>
<th>Sample Station</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>A. Groundwater Treatment System Influent</td>
<td>Station is sample tap on pipe into T-100. See attached Piping and Instrumentation Diagram (P&amp;ID), TP-PR-10-10-04 for location of this station. Well heads of pumps. Samples will be collected as flow-weighted average if more than one pump is functioning on day of sampling. See P&amp;ID attached.</td>
</tr>
<tr>
<td>B. Groundwater Treatment System Effluent</td>
<td>Station is sample tap on pipe downstream of T-700 and P-700 on pipe to injection wells. See attached P&amp;ID TP-PR-10-10-04 for location of this station.</td>
</tr>
<tr>
<td>C. Groundwater Monitoring</td>
<td>The Groundwater Compliance Monitoring Plan addresses sampling locations in the injection area, which include the following monitoring wells: CW-1M, CW-1D, CW-2M, CW-2D, CW-3M, CW-4M, and CW-4D (CH2M HILL, April, 2005). See attached from the Groundwater Compliance Monitoring Plan (Figure 1-2, IM-3 Project Area, Site Features) for location of these locations.</td>
</tr>
<tr>
<td>D. Groundwater Treatment System Reverse Osmosis Concentrate Monitoring</td>
<td>Station is sample tap on pipe to T-701. See attached P&amp;ID TP-PR-10-10-08 for location of this station.</td>
</tr>
<tr>
<td>E. Groundwater Treatment System Sludge Monitoring</td>
<td>The WDRs require representative composite sludge samples be taken from each treatment tank whose purpose is to accumulate sludge for disposal prior to transportation of the sludge offsite. Therefore, the sample station is the phase separator. Treatment tanks are not used to accumulate sludge for disposal.</td>
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</tbody>
</table>
**INSTRUMENT IDENTIFICATION LETTERS TABLE**

<table>
<thead>
<tr>
<th>LETTER</th>
<th>FIRST LETTER</th>
<th>SUCCEEDING LETTERS</th>
<th>MEANING</th>
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<tbody>
<tr>
<td>A</td>
<td>INITIATING VARIABLE</td>
<td>MODIFIER</td>
<td>OUTPUT FUNCTION</td>
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<td>B</td>
<td>DIFFERENTIAL</td>
<td>HYDRAULIC</td>
<td>DISCRETE</td>
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<td>C</td>
<td>VOLTAGE</td>
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<td>PHOTOMULTIPLIER</td>
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**GENERAL INSTRUMENT OR FUNCTIONAL SYMBOLS**

- FIELD MOUNTED INSTRUMENT
- REAR OF PANEL MOUNTED INSTRUMENT
- PANEL MOUNTED INSTRUMENT
- MOTOR CONTROL CENTER MOUNTED INSTRUMENT

**VALVE & EQUIPMENT TAG NUMBERS**

- PIPE MATERIAL SPEC
- PIPELINE NUMBER
- SERVICE OR FLOW STREAM
- PIPELINE MATERIAL LIST
- VALVE & EQUIPMENT TAG NUMBERS
- PIPELINE NUMBERING

**TRANSUDERS**

- ANALOG (I)
- DIGITAL (P)
- VOLTAGE (V)
- FREQUENCY (F)
- HYDRAULIC (R)

**INTERFACE SYMBOLS**

- SHEET CONNECTION OR SOURCE OR TO DESTINATION DRAWING
- PROCESS OR SIGNAL LINE CONTINUATION
- LINELEGEND
- PROCESS (CLOSED LOOP, SHOWN LINE INDICATES
- TRANSDUCER OR FUNCTION SYMBOLS
- EXAMPLE:
  - LLUUS
  - BB
  - HYDRAULIC

**MICROINSTRUMENT SYMBOLS**

- SPEC BREAK
- PIPELINE SIZE (INCHES)
- SERVICE OR FLOW STREAM
- PIPELINE MATERIAL LIST
- VALVE & EQUIPMENT TAG NUMBERS
- PIPELINE NUMBERING

**PLOTTING DATE:**

**FILENAME:**

**PLOT TIME:**

**REV. NO.:**

**ASSIGNMENTS AND LETTER SYMBOLS**

-pipe line number
- pipe valve
- pipe control valve
- pipe pressure control valve
- pipe gate
- pipe ejector
- pipe tank
- pipe pressure relief valve
- pipe rupture disk
- pipe air and vacuum release valve
- pipe air release valve
- pipe hydrogen control valve
- pipe electric heat tracing
- pipe total chlorine residual
- pipe total organic carbon
- pipe total suspended solids
- pipe turbidity
- pipe water softener
- pipe waste water treatment plant
- pipe water treatment plant
- pipe water treatment plant
- pipe water treatment plant
- pipe water treatment plant
- pipe water treatment plant
- pipe water treatment plant
- pipe water treatment plant

**GENERAL NOTES**

1. COMPONENTS AND PANELS SHOWN WITH A SINGLE ASTERISK (*) ARE TO BE PROVIDED AS PART OF A PACKAGE SYSTEM.
2. COMPONENTS AND PANELS SHOWN WITH A DOUBLE ASTERISK (**) ARE TO BE PROVIDED UNDER DIVISION 16, ELECTRICAL.
3. THIS IS A STANDARD LEGEND. THEREFORE, NOT ALL OF THIS INFORMATION MAY BE USED ON THIS PROJECT.