



**Pacific Gas and  
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September 15, 2005

Norman Shopay  
Project Manager  
California Department of Toxic Substances Control  
Geology and Corrective Action Branch  
700 Heinz Avenue  
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Subject: Proposed Revision to Surface Water Sampling Program  
Pacific Gas and Electric Company - Topock Project

Mr. Shopay,

Pacific Gas and Electric Company (PG&E) proposes to augment the surface water monitoring program at the PG&E Topock site to include one additional depth-specific surface water sampling location. The current surface water sampling program is documented in the revised Section 5.0 of the *Monitoring Plan for Groundwater and Surface Water Monitoring Program, Revision 1* submitted to DTSC on July 13, 2005. The current surface water monitoring program includes nine shoreline locations and eight depth-specific locations. PG&E proposes to increase the number of depth-specific surface water monitoring locations from eight to nine.

Attached to this letter is a revised Figure 5-1 and Table 5-1 of the *Monitoring Plan for Groundwater and Surface Water Monitoring Program, Revision 1*, providing information on the proposed additional sample location, designated "C-MAR." As shown on Figure 5-1, the monitoring location C-MAR is at the mouth of the Topock Marsh, and is intended to sample water entering the Colorado River from Topock Marsh. Table 5-1 shows the proposed sampling frequency and analytical parameters. Revised Figure 5-1 and Table 5-1 will be incorporated into the next revision of the full *Monitoring Plan for Groundwater and Surface Water Monitoring Program*.

The third quarter depth-specific surface water monitoring event is scheduled for September 20-22, 2005. PG&E proposes to include the additional location during the third quarter monitoring event, following standard operating procedure (SOP) A-12 for conduct of the depth-specific water sampling.

Norman Shopay  
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If you have any questions, please do not hesitate to contact me. I can be reached at (805) 546-5243.

Sincerely,



*Julie Edwards for Yvonne Meeks*

TABLE 5-1

Revised 9/15/2005

Surface Water Sampling Analyses and Frequencies  
 Monitoring Plan for Groundwater and Surface Water Monitoring Program  
 PG&E Topock Compressor Station, Needles, California

Well ID	Analytical Parameters and Frequencies						
	Hexavalent Chromium	Total Chromium	Specific Conductance	pH	Hardness	TDS	TSS
<b>River Channel Surface Water</b>							
C-CON	Q-M*	Q-M*	Q	Q	Q-M*	Q	Q
C-I-3	Q-M*	Q-M*	Q	Q	Q-M*	Q	Q
C-MAR	Q-M*	Q-M*	Q	Q	Q-M*	Q	Q
C-NR1	Q-M*	Q-M*	Q	Q	Q-M*	Q	Q
C-NR3	Q-M*	Q-M*	Q	Q	Q-M*	Q	Q
C-NR4	Q-M*	Q-M*	Q	Q	Q-M*	Q	Q
C-R22	Q-M*	Q-M*	Q	Q	Q-M*	Q	Q
C-R27	Q-M*	Q-M*	Q	Q	Q-M*	Q	Q
C-TAZ	Q-M*	Q-M*	Q	Q	Q-M*	Q	Q
<b>Shoreline Surface Water</b>							
CON	Q - M	Q - M	Q	Q	---	---	---
I-3	Q - M	Q - M	Q	Q	---	---	---
NR-1	Q - M	Q - M	Q	Q	---	---	---
NR-2	Q - M	Q - M	Q	Q	---	---	---
NR-3	Q - M	Q - M	Q	Q	---	---	---
R-22	Q - M	Q - M	Q	Q	---	---	---
R-27	Q - M	Q - M	Q	Q	---	---	---
R-28	Q - M	Q - M	Q	Q	---	---	---
RRB	Q - M	Q - M	Q	Q	---	---	---

**Notes:**

See Table 4-3 for list of methods and reporting limits.

M = monthly

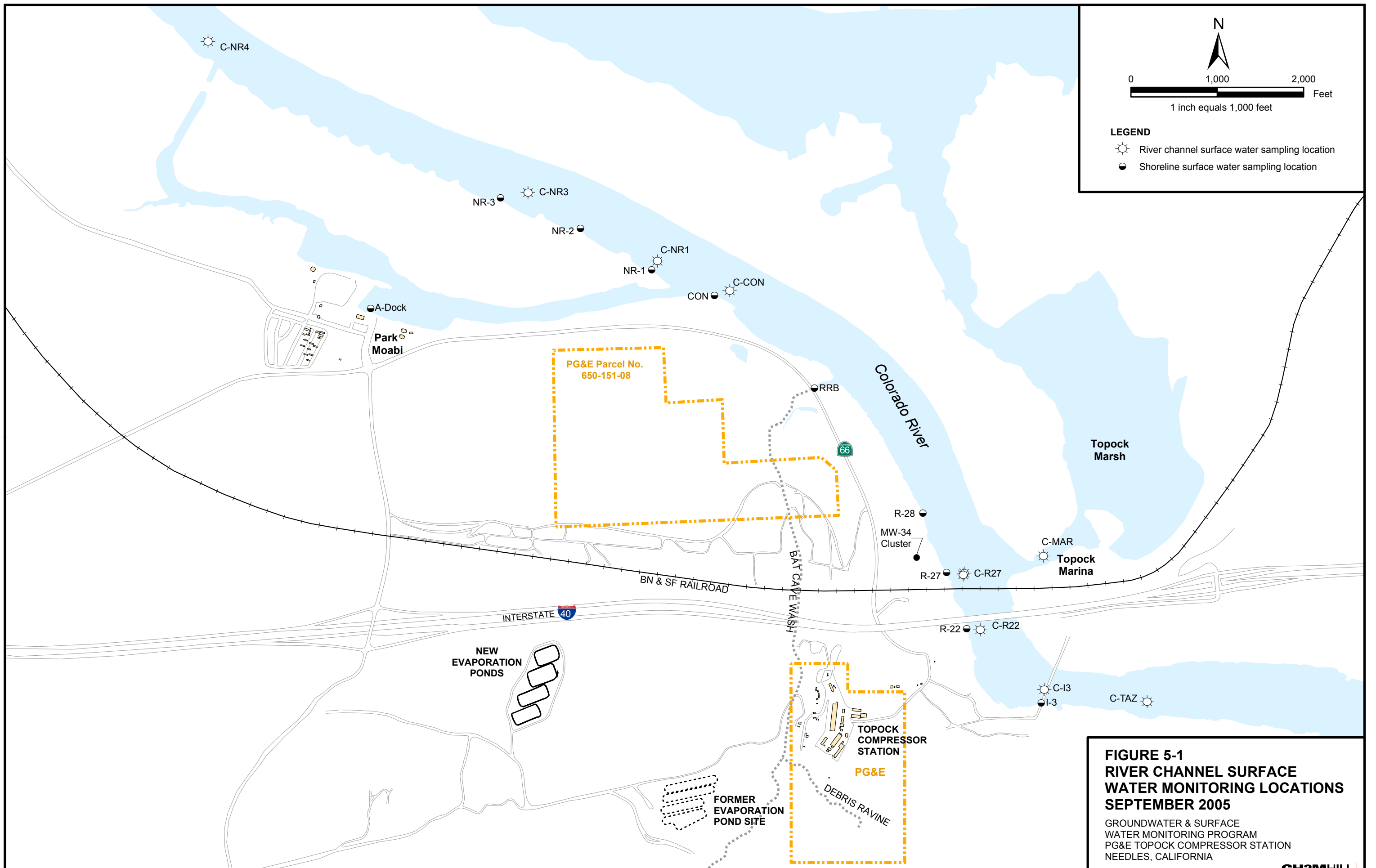
Q = quarterly

TDS = total dissolved solids

TSS = total suspended solids

--- = not applicable

\* Depth-specific river channel surface water sampling will be conducted on a quarterly basis after initial July 2005 event (see Section 5), and monthly during low water level periods (typically December through March). Low-water stage events will be evaluated based upon projected river levels.



N

0 1,000 2,000  
Feet

1 inch equals 1,000 feet

**LEGEND**

- River channel surface water sampling location
- Shoreline surface water sampling location

**FIGURE 5-1  
RIVER CHANNEL SURFACE  
WATER MONITORING LOCATIONS  
SEPTEMBER 2005**

GROUNDWATER & SURFACE  
WATER MONITORING PROGRAM  
PG&E TOPOCK COMPRESSOR STATION  
NEEDLES, CALIFORNIA