Timeline of Remedial Planning Process

2008 | 2010 | 2011 | 2012

Aug | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep

Cleanup and Abatement Order (CAO) R6V-2008-0002 Issued for Site-Wide Cleanup

Order set a deadline for plume containment, required in-situ remedial actions, and set monitoring and reporting program. Also required preparation of a Feasibility Study (FS) by September 2010 to evaluate alternatives to complete groundwater cleanup to background levels.

PG&E Submits FS

31 Alternatives evaluated; 5 presented in detail (Alternatives 1–5)

Cleanup to 50 ppb ranges from 6 to 120 yr.
Cleanup to 3.1 ppb ranges from 110 to 260 yr.
Cleanup to 1.2 ppb ranges from 180 to 320 yr.

Notice of Preparation (NOP) released for Environmental Impact Report (EIR)

Scoping comments received concerning alternatives, definition of background, cleanup time, health and safety, water supply and other topics.

EIR Scoping Meeting in Hinkley

Scoping comments provided by public.

CAO R6V-2011-0005 Issued for Alternative Water Supply

Requires PG&E to provide alternate water supply for affected domestic wells and conduct domestic well sampling and reporting.

Public Meetings in Hinkley

Discussed scoping comments, EIR, groundwater monitoring results.

PG&E Submits FS Addendum #1

Two Additional Alternatives evaluated per Water Board request (Alternative 4A and the Combined Alternative)

Cleanup to 50 ppb ranges from 6 to 28 yr.
Cleanup to 3.1 ppb ranges from 75 to 90 yr.
Cleanup to 1.2 ppb estimated at 130 yr (for both).

PG&E Submits FS Addendum #2

One Additional Alternative evaluated per Water Board request (Alternative 4B)

Cleanup to 50 ppb estimated at 6 yr.
Cleanup to 3.1 ppb estimated at 40 yr.
Cleanup to 1.2 ppb estimated at 95 yr.

Water Board Meeting in Barstow

Board requests the following:

1) Consideration of additional alternatives.
2) Technical review by USEPA and DTSC.
3) Preparation of whole house water order for consideration.
4) Peer review of background study.

DTSC Technical Review Comments Provided

Commented on technical aspects of FS.

Water Board Releases Draft CAO Concerning Whole House Water for Public Comment

Public comment period extended into July.

USEPA Technical Review Comments Provided on FS

Commented on technical aspects of FS.

Water Board Meeting in Barstow

Study Session on Groundwater Cleanup.

Water Board Requests Technical Assistance from OEHHA

Requested assistance in terms of whether the Public Health Goal (PHG) is an appropriate drinking water replacement standard, whether PHG is scientifically justified, and whether swamp coolers pose an inhalation risk by increasing airborne hexavalent chromimum (Cr_6).

OEHHA Adopts Cr_6 PHG

PHG established for Cr_6 in drinking water as 0.02 ppb.

OEHHA Responds to Request for Technical Assistance

OEHHA responded that the PHG is not a regulatory standard, the PHG is scientifically justified, and swamp coolers do not increase the concentration of airborne Cr_6 and do not consitute an inhalation risk.

USEPA Technical Review Comments Provided on Groundwater Modeling

Commented on technical aspects of groundwater modeling.

PG&E Submits FS Addendum #3

Additional Alternatives evaluated per Water Board request (Alternatives 4C-1, 4C-2, 4C-3, and 4C-4)

Cleanup to 50 ppb ranges from 3 to 6 yr.
Cleanup to 3.1 ppb ranges from 29 to 40 yr.
Cleanup to 1.2 ppb ranges from 75 to 95 yr.

Background Study Peer Review Completed

Peer review comments provided concerning wells sampled for background study, statistical methods, laboratory analysis methods and procedures, and other issues.

CAO R6V-2011-0005a1 Issued Concerning Whole House Water

Order requires PG&E to provide whole house water within areas identified as impacted by PG&E plume.

Release Draft EIR for 60-day Public Comment Period

Water Board to hold Public Meeting to Review Draft EIR

Release Draft Final EIR for 30-day Public Comment Period

Water Board Meeting

Board to certify EIR, adopt CAO with interim and final cleanup goals, and adopt general permit with discharge requirements for cleanup options.