High Desert Association of Realtors

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Prepared for
High Desert Association of Realtors

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The Hinkley IRP Manager Reviews, Comments and Communicates with the Community.

IRP Manager
- Review and Interpretation
- Professional Judgment
- Relationships and Trust Development
- Visualization of Data
- Presentations
- Communications

CAC and Hinkley Community
- 30 Monthly Community Meetings
- 4 Community Open Houses
- 120 Weekly CAC Meetings
- 50 Major Reports Reviewed
- 3 Semi-Monthly Community Mailers
- 4 Community Workshops
- 150 days of office hours in Hinkley
- Hired a panel of experts to assist the CAC and Community which included:
  - EIR Expert
  - Toxicologist
  - Facilitator
- 100’s of Questions Answered

PG&E’s Hinkley Groundwater Remediation Team
(includes many reputable, high quality consulting and engineering firms)

MB’s of files, 1000pp of information

Water Board review and comment
What the IRP Manager Has Done Routinely over the Past 3 Years.
The Community Views “Grand Progress” Differently.

What the Hinkley Community Sees
- Declining population
- Homes being demolished
- School closing
- Dying trees/Fire hazards
- Vacant lots/Dust
- Stray dogs

Ground Surface

What the Water Board, PG&E, and the IRP Manager Sees

“Progress/Success” in plume management is not perceived as “progress” at ground surface

Groundwater

- Plume Investigation
- Hydraulic Gradient Controls
- Background Study
- IRZ Operations
- Ag Treatment Operations
- SEP Program

Cr6 → Cr3 (*)

(*) New PG&E modeling forecasts predict time frames to attain MCL, plume-wide.
1st DRAFT, 7/3/14, IRP Manager
Proposed Cleanup and Abatement Order (CAO) is a Major Step in the Long Cleanup Pathway.

Future permits should be flexible to allow for “adaptive management” & “operational optimization.”
4th Quarter 2014 Plume Map.

Key Take-Aways

Monitoring
- 512 Monitor Wells (MWs) Sampled
- 105 Domestic and Other Private Wells
- 19 Lower Aquifer Wells and 1 Private Lower Aquifer Wells

Domestic Well Results
- 7 domestic wells exceeded 3.1 ppb (Cr6) and/or 3.2 ppb (CrT)
- All 7 domestic wells were below 10 ppb
- Hydraulic Control continues at Thompson Road Area

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- Hydraulic Control continues at Thompson Rd
Plume Sequence Animation 2011 Q4.

Approx. Outline Cr(VI) or Cr(T) in the UA Exceeding 3.1 and 3.2 μg/L, respectively.

LEGEND

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Approx. 50-μg/L outline of Cr(VI) or Cr(T) Concentrations in UA.
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Plume Sequence Animation 2013 Q2.

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Plume Sequence Animation 2013 Q3.

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Plume Sequence Animation 2013 Q4.
Plume Sequence Animation 2014 Q1.

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Plume Comparison Between 2011 Q4 and 2014 Q4.

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USGS Contract was Finalized in January 2015 and Field Work Began in March to Study Background Chromium in Hinkley
IRP Managers' Personal Perspectives.

1. **The plume is defined and is being treated.**
   - Treatment technologies work.

2. **There are no private wells drawing from groundwater containing Cr6 above the recently established CA drinking water standard of 10 ppb Cr6.**

3. **PG&E's overall program appears to be at a (positive) turning point;**
   - Final remedy being codified in the new clean up order
   - Tension between WB & PG&E is decreasing
   - Homes are no longer being purchased.
   - Thinking is turning to the "future"
   - Contrarian Community stakeholders will still have an outlet for opinions (and learning) via the IRP Manager
   - The WB/PG&E/IRP are starting outreach to redefine Hinkley...ie the place that used to have a plume...no longer a concern.

4. **Route 58 rework is about to commence**
   - The presence of just 2 crossings will tend to focus where any new growth could occur.

5. **From technical and health perspective there are no risks to living in Hinkley.**

6. **Lifestyle-wise, the vast majority of residents just want their town back to the way it was...only better.**