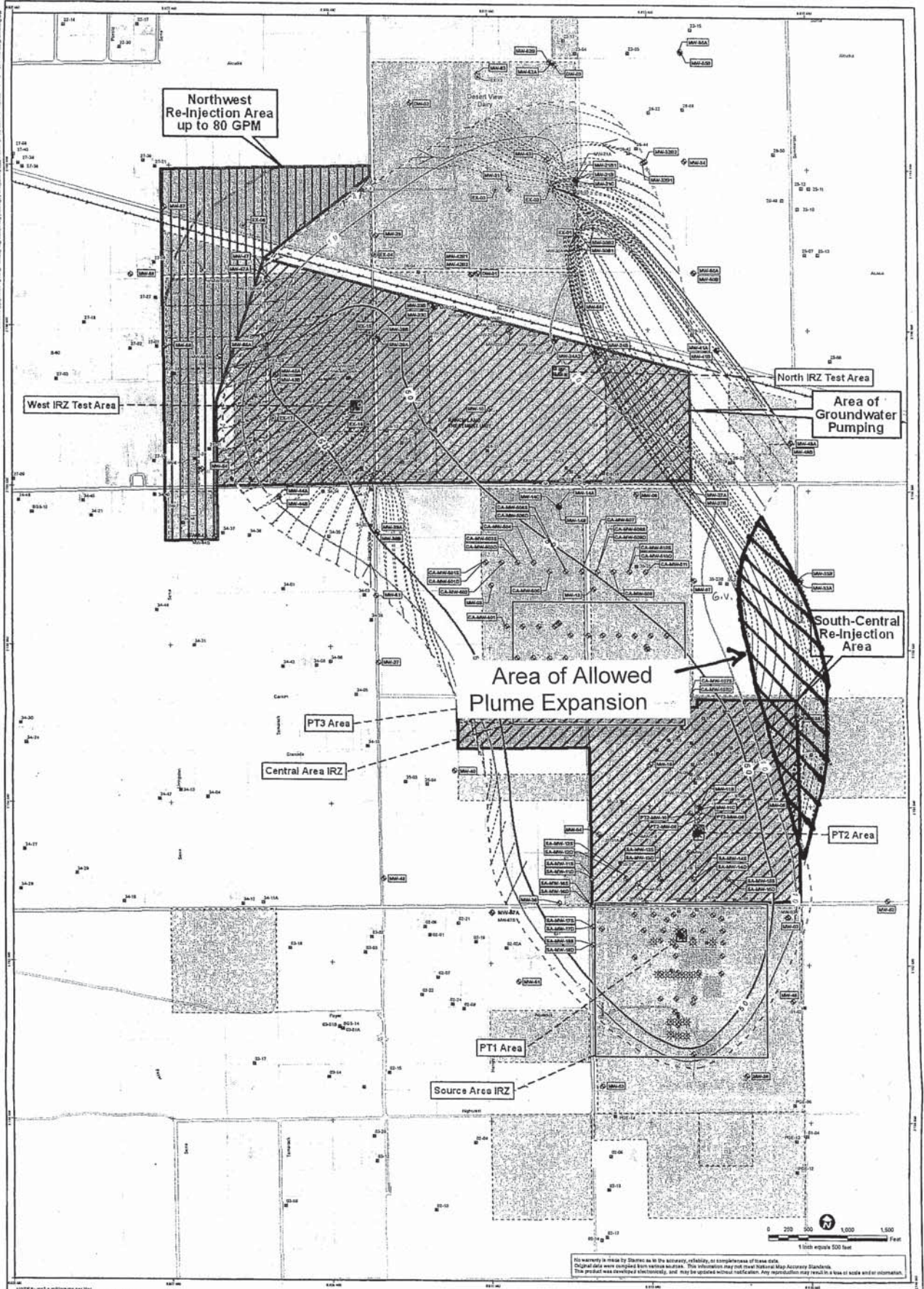


# Attachment 3. Area of Allowed Plume Expansion



NOTES: mg/l = milligrams per liter  
 gpd = gallons per day; cu ft = cubic feet per day  
 Projection: CA State Plane MAG27 Feet Zone V  
 Coordinate System: NAD83 and CGGMSD, December 2007 / July 2008

<p><b>Proposed Injection and Extraction Areas</b></p> <ul style="list-style-type: none"> <li>Area for Re-injection of Clean Water</li> <li>Area for Re-injection of Groundwater Pumped from Outside the Plume</li> <li>Area of Groundwater Pumping</li> </ul>	<p><b>Wells by Well Type</b></p> <ul style="list-style-type: none"> <li>Monitoring Wells</li> <li>Bedrock Aquifer Test Wells</li> <li>Extraction Wells</li> <li>Existing Re-injection Wells</li> <li>Other Wells</li> </ul>	<p><b>Predicted Groundwater Flow</b></p> <ul style="list-style-type: none"> <li>Predicted Groundwater Flow Direction</li> <li>Predicted Paths for Groundwater Flow</li> </ul>	<p><b>Chromium Plume (June 2008)</b></p> <ul style="list-style-type: none"> <li>Concentration of Hexavalent Chromium (µg/l)</li> <li>50 µg/l</li> <li>10 µg/l</li> <li>4 µg/l</li> </ul>	<p><b>FOR: Pacific Gas &amp; Electric</b>          NOI for Coverage Under a General Permit          Groundwater Remediation Project          Hinkley, California</p>	<p><b>Predicted Groundwater Flow Patterns - Plume Boundary</b>          Cr(VI) = 4 µg/l</p>	<p><b>FIGURE</b>  <b>2</b></p>
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