

# Chromium Action Plan – San Fernando Valley Operable Units

RWQCB, DTSC, CDPH, US EPA, Cities of Los Angeles, Glendale, and Burbank

OU	Current Status	Short Term Actions	Long Term Actions
<p><b>For All OUs</b></p>	<ul style="list-style-type: none"> <li>EPA has been the lead agency for Regional Groundwater Cleanup in the San Fernando Valley.</li> <li>State Agencies have been the lead for site-specific VOC and chromium investigations in SFV.</li> <li>RWQCB has evaluated over 4,000 potential chromium sites in the SFV with support from EPA.</li> <li>RWQCB is overseeing active investigations at 16 sites in the SFV and has issued No Further Action (NFA) letters at six additional sites since May 2007.</li> <li>DTSC is overseeing work at six chromium sites.</li> <li>EPA is overseeing work at three chromium sites.</li> </ul>	<ul style="list-style-type: none"> <li>RWQCB/DTSC/EPA have prioritized chromium source investigations and maximized our regulatory authorities, which has resulted in the RWQCB transferring three sites to EPA and six sites to DTSC.</li> <li>RWQCB has adopted General WDRs for in-situ treatment of Cr6.</li> <li>At the request of the cities, and in consultation with EPA, RWQCB will consider requiring the PRPs to provide replacement water to the cities if Cr6 levels adversely affect production capacity.</li> <li>CDPH (formerly DHS) will work with agencies to clarify its requirements for treatment &amp; ensure compliance with them.</li> <li>RWQCB and EPA will sponsor (with other interested State and local agencies) a San Fernando Valley chromium workshop in Spring 2008.</li> </ul>	<ul style="list-style-type: none"> <li>EPA will secure funding to implement final remedies at the SFV sites for VOCs and Cr6 through enforcement or, if necessary, the Superfund Trust Fund.</li> <li>EPA will continue monitoring for other emerging contaminants and develop response plans as necessary.</li> </ul>
<p><b>North Hollywood</b></p>	<ul style="list-style-type: none"> <li>Los Angeles meets its voluntary limit of 5 ppb Cr6 after plant outflow is blended with imported water. Well NHE-2 was removed from service in February 2007 due to high Cr6.</li> </ul>	<ul style="list-style-type: none"> <li>RWQCB/EPA/DTSC will continue to investigate Cr6 sources.</li> <li>RWQCB ordered Honeywell to replace water lost by shutdown of NHE-2 (April 2007) and approved Honeywell's wellhead treatment workplan for NHE-2 (July 2007).</li> <li>RWQCB ordered Honeywell to accelerate implementation of in-situ treatment and further investigate the extent of chromium contamination in soil and groundwater at the former Allied-Signal facility (April 2007).</li> <li>EPA will continue funding O&amp;M for VOC remedy.</li> </ul>	<ul style="list-style-type: none"> <li>EPA to complete a focused feasibility study by Spring 2008.</li> <li>EPA will select an updated OU remedy that will address VOCs, Cr6 and emerging contaminants, if appropriate, in late 2008.</li> <li>EPA issued General Notice and 104(e) Information Request Letters to existing and possible new VOCs and chromium parties (November 2007).</li> </ul>
<p><b>Burbank</b></p>	<ul style="list-style-type: none"> <li>Burbank meets its voluntary limit of 5 ppb Cr6 after plant outflow is blended with MWD water.</li> </ul>	<ul style="list-style-type: none"> <li>RWQCB/EPA/DTSC will continue to investigate Cr6 sources.</li> </ul>	<ul style="list-style-type: none"> <li>EPA to conduct study leading to a final Area 1 site-wide remedy that addresses VOCs, Cr6 and emerging contaminants, if appropriate.</li> </ul>
<p><b>Glendale</b></p>	<ul style="list-style-type: none"> <li>Glendale meets its voluntary limit of 5 ppb Cr6 after plant outflow is blended with MWD water by varying extraction well pumping rates.</li> <li>Glendale meets river discharge limit of 8 ppb Cr6 by varying extraction well pumping rates. Glendale is at the limit of its capacity to modify pumping to meet the river discharge.</li> </ul>	<ul style="list-style-type: none"> <li>RWQCB/EPA/DTSC will continue to investigate Cr6 sources.</li> <li>Glendale plans to build two Cr6 demonstration treatment plants (at wells GN-2 &amp; -3 &amp; GS-3). EPA has provided \$880K toward funding this \$3.5M project, and EPA will support the City's Prop. 50 funding application.</li> <li>The PRPs have agreed to provide supplemental funding for two chromium treatment demonstration projects at the Glendale OU in order to address the river discharge issue.</li> </ul>	<ul style="list-style-type: none"> <li>EPA established a Chromium OU for the Area 2 - Glendale site and issued General Notice and 104(e) Information Request Letters to initial chromium source PRPs (November 2007).</li> <li>EPA to conduct focused study leading to final Area 2 - Glendale remedy that will include chromium (2010).</li> </ul>
<p><b>Regulatory Standards</b></p>	<ul style="list-style-type: none"> <li>For Total Chromium (i.e., Cr3 + Cr6), State MCL is 50 ppb (Federal MCL is 100 ppb).</li> <li>There is no State or Federal MCL for Cr6 only.</li> <li>There is currently no State Public Health Goal (PHG) for Cr6.</li> <li>Draft State PHG for Cr6 is expected to be issued in June 2008.</li> </ul>		

Notes: Cr6 = hexavalent chromium