

**RESPONSE TO COMMENTS  
 DRAFT TECHNICAL MEMORANDUM  
 WOOD-INLK/1 RISK EVALUATION  
 MCAS EL TORO, CALIFORNIA**

May 2002

<p><b>Originator:</b> Daniel Jung City of Irvine</p> <p><b>To:</b> Dean Gould, BRAC Environmental Coordinator MCAS El Toro</p> <p><b>Date:</b> 8 February 2002</p>	<p style="text-align: right;"><b>CLEAN II Program          Contract No. N68-711-92-D-4670          CTO-0161          File Code: 0232</b></p>
<p><b>GENERAL COMMENT</b></p> <p>Thank you for the opportunity to comment on the draft technical memorandum evaluating the risks of exposure to contaminated groundwater at the Woodbridge North Lake and Children's Pool in Irvine. In general, the methodology and analysis appear to be appropriate to the evaluation goal. However, there are several specific issues that need to be addressed in the technical memorandum.</p>	<p><b>GENERAL RESPONSE</b></p> <p>The responses to specific comments follow.</p>
<p><b>SPECIFIC COMMENTS</b></p>	<p><b>SPECIFIC RESPONSES</b></p>
<p>1. Specifically, we suggest that you include a chart with historical data for concentrations of contaminants of potential concern (COPCs) identified in Well 18_NLAKE and nearby wells. In addition, it appears that 18_NLAKE has not been sampled for a period of time. An explanation of why it has not been sampled should be given, as well as an analysis of why the older data from the well and data from surrounding wells is appropriate to use for the risk assessment.</p>	<p><b>RESPONSE 1:</b> The results of sampling conducted by the Orange County Water District at Well 18_NLAKE from 1995 to 2001 have been added to the Final Technical Memorandum as Attachment A. Samples were collected from 18_NLAKE at approximately one-month intervals throughout this entire time period.</p> <p>As discussed in Section 3 of the Technical Memorandum, results associated with the 1998 through August 2001 sampling events (i.e., newer data) were used in the risk assessment because consistent results were reported for samples collected from 1998 to 2001 for both analyte and concentration parameters.</p> <p>Data from surrounding wells were not used in the risk assessment.</p>
<p>2. In addition, we ask that you consider additional scenarios that correspond to other aspects of lake and pool usage including:</p> <ul style="list-style-type: none"> <li>• Seniors that sit and/or walk by the lake for up to four hours each day.</li> <li>• Adults and children in attendance at the Children's Pool for up to six hours each day during high use periods (late spring through early fall). Swimming may be limited to the two hour scenario described in the memorandum, but additional exposure via</li> </ul>	<p><b>RESPONSE 2:</b> All the suggested scenarios have been considered and are incorporated into the Final Technical Memorandum.</p>

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May 2002

<p><b>Originator:</b> Daniel Jung City of Irvine</p> <p><b>To:</b> Dean Gould, BRAC Environmental Coordinator MCAS El Toro</p> <p><b>Date:</b> 8 February 2002</p>	<p style="text-align: right;"><b>CLEAN II Program</b> Contract No. N68-711-92-D-4670 CTO-0161 File Code: 0232</p>
<p>inhalation may occur through proximity to the water during the additional non-swimming time spent at the pool.</p> <p>We respectfully request that the assessment contain a thorough evaluation of alternative scenarios so that the risks of exposure to contaminated groundwater at the Woodbridge North Lake and Children's Pool will be evaluated in a comprehensive manner.</p>	

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May 2002

<b>Originator:</b> Patricia A. Hannon Regional Water Quality Control Board <b>To:</b> Dean Gould, BRAC Environmental Coordinator MCAS El Toro <b>Date:</b> March 21, 2002	<b>CLEAN II Program</b> Contract No. N68-711-92-D-4670 CTO-0161 File Code: 0232
<u><b>COMMENT</b></u>  I reviewed the Draft Technical Memorandum North-INLK/1 Risk Assessment dated January 2002 and we do not have any comments on the document.	<u><b>RESPONSE</b></u>  Comment noted.

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May 2002

<p><b>Originator:</b> Triss M. Chesney, P.E., RPM Department of Toxic Substances Control</p> <p><b>To:</b> Dean Gould, BRAC Environmental Coordinator MCAS El Toro</p> <p><b>Date:</b> 14 March 2002</p>	<p style="text-align: right;"><b>CLEAN II Program</b> <b>Contract No. N68-711-92-D-4670</b> <b>CTO-0161</b> <b>File Code: 0232</b></p>
<p><b><u>GENERAL COMMENT</u></b></p> <p>John Christopher of the DTSC Human and Ecological Risk Division reviewed the "Draft Technical Memorandum – Wood-INLK/1 Risk Evaluation," dated January 2002. As a result of his input, DTSC only has one comment.</p>	<p><b><u>GENERAL RESPONSE</u></b></p> <p>The response to Mr. Christopher's comment follows.</p>
<p><b><u>SPECIFIC COMMENT</u></b></p> <p>Please provide a summary table of the chemicals of potential concern detected in monitoring well Wood-INLK/1. Please include the data presented by Orange County Water District from 1995 to August 2001 and additional results for samples collected from 1998 to 2001.</p>	<p><b><u>SPECIFIC RESPONSE</u></b></p> <p>As discussed in Section 3, cis-1,2-dichloroethene and trichloroethene are the only chemicals of potential concern for groundwater at Wood/INLK-1. The results of sampling conducted by Orange County Water District for Wood-INLK/1 from 1995 to 2001 are presented as Attachment A in the Final Technical Memorandum.</p>

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May 2002

<b>Originator:</b> Nicole Moutoux, RPM U.S. EPA	<b>CLEAN II Program</b> Contract No. N68-711-92-D-4670
<b>To:</b> Dean Gould, BRAC Environmental Coordinator MCAS El Toro	CTO-0161 File Code: 0232
<b>Date:</b> 5 February 2002	
<b><i>SPECIFIC COMMENT</i></b>	<b><i>SPECIFIC RESPONSE</i></b>
1. Please provide a figure that shows where the well WOOD-INLK/1 is in relation to the North Lake.	<b>RESPONSE 1:</b> Figure 1 has been inserted into the Introduction section to show where well WOOD-INLK/1 is in relation to the North Lake.



BECHTEL NATIONAL INC.

CLEAN II TRANSMITTAL/DELIVERABLE RECEIPT

Contract No. N-68711-92-D-4670

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TO: Contracting Officer
Naval Facilities Engineering Command
Southwest Division
Mr. Richard Selby, Code 02R1
1220 Pacific Highway
San Diego, CA 92132-5190

DATE: May 8, 2002
CTO #: 0161
LOCATION: MCAS El Toro, CA

FROM: [Signature]
Thurman L. Heironimus, Project Manager

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Evaluation- Dated May 2002

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