

MEETING MINUTES

Meeting Subject: Resolution of Regulatory Comments on Preliminary Final SA/ESA for 18 POIs at NTC	Meeting Date: January 27, 1998 Meeting Time: 10:00 AM Meeting Place: NTC Meeting Notes Prepared By: Kathryn Parker															
Attendees: <table style="width:100%; border:none;"> <tr> <td style="text-align:center; width:33%;"><u>Navy</u></td> <td style="text-align:center; width:33%;"><u>Bechtel National, Inc.</u></td> <td style="text-align:center; width:33%;"><u>Regulating Agencies</u></td> </tr> <tr> <td>Content P. Arnold</td> <td>(BNI)</td> <td>Martin Hausladen (U.S.EPA)</td> </tr> <tr> <td>Keith Forman</td> <td>Jerald Bailey</td> <td>Corey Walsh (RWQCB)</td> </tr> <tr> <td>Greg Sheffer</td> <td>Kathryn Parker</td> <td></td> </tr> <tr> <td></td> <td>Bob Tait</td> <td></td> </tr> </table>		<u>Navy</u>	<u>Bechtel National, Inc.</u>	<u>Regulating Agencies</u>	Content P. Arnold	(BNI)	Martin Hausladen (U.S.EPA)	Keith Forman	Jerald Bailey	Corey Walsh (RWQCB)	Greg Sheffer	Kathryn Parker			Bob Tait	
<u>Navy</u>	<u>Bechtel National, Inc.</u>	<u>Regulating Agencies</u>														
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Greg Sheffer	Kathryn Parker															
	Bob Tait															
Additional Distribution (In Addition to Attendees): Aaron Yue (DTSC)																

Description of Action Items:

Item No.	Item Description	Responsible Individual	Due Date/ Status
1	Prepare an appendix to the SA/ESA report to address arsenic in soils at NTC. A concentration range for arsenic in soils would be developed based on comparable studies in the region.	BNI	Within 3-4 weeks
2	Separate the POIs (7, 20, and 26) from the NE area groundwater issue in the report. Recommend NFA for the POIs but handle the groundwater issue separately in another document.	BNI	Within 3-4 weeks
3	Prepare a groundwater contour map of NTC and include all available and appropriate analytical data.	BNI	After review of data
4	Prepare response to last set of regulator comments and include a signature page which would be signed and returned by the regulators before finalizing the SA/ESA report.	BNI	Within 3-4 weeks
5	Prepare a stand alone letter in response to the last set of comments received from the RWQCB regarding the GMP.	BNI	Within 2-3 weeks

I. PURPOSE AND INTRODUCTION

A pre-meeting discussion was held with C. Walsh from the RWQCB on the Groundwater Monitoring Plan (GMP) for Site 1 along with a general discussion of the issue of 'background' for groundwater at NTC while waiting for M. Hausladen to arrive.

The meeting began at approximately 10:45 am with the arrival of M. Hausladen. The agenda was distributed and reviewed, and is attached. The purpose of the meeting was to review and resolve regulatory comments on the Preliminary Final SA/ESA report for the 18 POIs at NTC and get the report finalized.

II. REGULATORY COMMENTS ON PREFINAL SA/ESA REPORT

Soils

A discussion took place regarding levels of arsenic in soils at NTC. M. Hausladen discussed what was done at Norton Air Force Base regarding levels of arsenic in the soil. They also had arsenic levels in soils that were above the PRGs that could not be tied to any source, but appeared to be naturally occurring. It was agreed that for the SA/ESA report, an appendix would be prepared to address arsenic in soils at NTC and provide more information/studies of arsenic levels in soils in the Western U.S. A concentration range for arsenic in soils would be developed based on comparable studies in the region.

Groundwater

A discussion of groundwater 'background' took place. It was decided that a groundwater contour map of NTC, based on recently obtained groundwater elevation data, would be prepared. All available and appropriate analytical data (concentrations of the various analytes) would be mapped along with the groundwater gradient information. Data obtained from off-base monitoring wells in the immediate vicinity of NTC would also be considered for inclusion. The topographic map which illustrates the location of sediment and native soils would be used to help determine the appropriateness of the data from the various monitoring wells available. The data would have to be looked at first before it could be determined how it would be handled statistically. It was agreed that the NE area groundwater issue would be handled separately from the remainder of the SA/ESA document. The three POIs (7,20, and 26) would be recommended for NFA in the report, but the groundwater issue would be handled separately as another issue and addressed in another document.

It was also agreed that a signature page would be sent along with the last response to regulatory comments which would then be signed by the regulators and returned to the Navy before the SA/ESA is finalized.

GMP-Site 1

It was agreed that a stand alone letter from the Navy would be prepared in response to the last set of comments received from the RWQCB regarding the GMP. This would include the way in which the Navy intends to handle the data, including the interpretation and evaluation of trends.

**MEETING AGENDA
CTO-122 NTC SA/ESA FOR 18 POIs
TUESDAY, 1/27/98, 10:00 AM, NTC**

I. INTRODUCTION

- A. Review of Meeting Agenda
- B. Purpose

II. REGULATORY COMMENTS ON PREFINAL SA/ESA REPORT

- A. Review/Clarification of unresolved comments
- B. Soils
 - 1. Arsenic/beryllium background issue
 - a. applicable regional studies
 - b. applicable San Diego studies/data
- C. Groundwater
 - 1. Elevated metals/NE area groundwater issue

III. FINALIZATION OF SA/ESA REPORT

- A. Revisions required
- B. Schedule

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NAME	ORGANIZATION	PH / FX
SHEPHERD, GREG	NTC CSO	524-2421 / 524-4213
Kathryn Parker	BNI	687-8714 / 687-8787
GERALD F. BAILEY	BNI	687 8795 / 487-8787
ROBERT J. TAIT	"	687-8840 "
Corey Walsh	RWQCB	467 2980
Content P. Arnold	NAVY	532-4315
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Martin Hausladen	USEPA	(415) 774-2888