From: Raymond Chavira
To: Joe Kwan
Cc: Brown; Elizabeth C. \(Law\); Elizabeth C. \(Law\); Lewis Maldonado
Subject: Fw: Northrop Grumman's Response to EPA's 6 March 2012 Email
Date: 04/19/2012 05:30 PM

Joe,

To date, I have not received hard copies of the documents requested. Please send by COB Monday April 23, 2012.

Ray

_____
Raymond Chavira
Environmental Scientist/Remedial Project Manager
USEPA Region 9, Superfund Division
75 Hawthorne St., SFD-7-3
San Francisco, CA 94105-3901
(415) 947-4218
(415) 947-3528 (Fax)
----- Forwarded by Raymond Chavira/R9/USEPA/US on 04/19/2012 05:28 PM -----

From: Raymond Chavira/R9/USEPA/US
To: "Kwan, Joseph P (CO)" <Joe.Kwan@ngc.com>
Cc: "Brown, Elizabeth C. (Law)" <Elizabeth.C.Brown@ngc.com>, Kelly Manheimer/R9/USEPA/US@EPA, Lewis Maldonado/R9/USEPA/US@EPA, "Pete MacNicholl (pmacnich@dtsc.ca.gov)" <pmacnich@dtsc.ca.gov>
Date: 03/20/2012 01:17 PM
Subject: Re: Northrop Grumman's Response to EPA's 6 March 2012 Email

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Joe,

Please send two sets of hard copies of the attached documents.

Thank you in advance.

Ray

▼ "Kwan, Joseph P (CO)" ---03/16/2012 07:12:46 PM---Ray - Attached is Northrop Grumman's response to your 6 March 2012 email. There should be three att

From: "Kwan, Joseph P (CO)" <Joe.Kwan@ngc.com>
To: Raymond Chavira/R9/USEPA/US@EPA
Cc: "Brown, Elizabeth C. (Law)" <Elizabeth.C.Brown@ngc.com>, Kelly Manheimer/R9/USEPA/US@EPA, Lewis Maldonado/R9/USEPA/US@EPA, "Pete MacNicholl (pmacnich@dtsc.ca.gov)" <pmacnich@dtsc.ca.gov>
Date: 03/16/2012 07:12 PM
Subject: Northrop Grumman's Response to EPA's 6 March 2012 Email

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Ray – Attached is Northrop Grumman's response to your 6 March 2012

email. There should be three attachments.

1. A letter from Northrop Grumman
2. A Technical Memorandum from Orion
3. A Memorandum from CDM Smith

Please note that due to the size, the "attachments" referred to in Orion's memorandum are not included in that PDF file. They have instead been uploaded to Orion's FTP site and are available for download from there. To access the FTP site, click on the following link:

http://ftp2.orionenv.com/dm/index.php?interface=download&hash=0b30896f39156f1e57454b25192c0c57

Please feel free to call if you have any questions on this submittal.

-Joe-

Joseph P. Kwan
Corporate Director, Environmental Remediation
Northrop Grumman Corporation
2980 Fairview Park Drive
Falls Church, VA 22042-4511
703-280-4035
310-622-5393 cell
Joe.Kwan@ngc.com

From: Raymond Chavira [mailto:Chavira.Raymond@epamail.epa.gov]
Sent: Tuesday, March 06, 2012 7:52 PM
To: Kwan, Joseph P (CO)
Cc: Brown, Elizabeth C. (Law); Brown, Elizabeth C. (Law); Brown, Elizabeth C. (Law); Lewis Maldonado; Kelly_Manheimer/R9/USEPA/US@EPA.epa.gov
Subject: EXT :Action Items for NGC - Due March 16, 2012

Joe,

It was good to meet with you and Elizabeth today. Per our discussion, Northrop will submit the following to EPA by Friday March 16, 2012:

A letter signed by you, accompanied by a Technical Memorandum, explaining why Northrop did not provide the Regional Board, EPA, or other relevant entity with the data collected as part of the 2002/3 Deep Source Investigation. The Tech Memo shall including CPT, groundwater, and soil bore (DB) data. EPA originally requested the Tech Memo on 1/26/2012 (see attached).

The Tech Memo shall include any work plans, all data packages, and any data analysis performed by Northrop Grumman or consultant(s) to Northrop Grumman as part of the DSI. In addition, the Tech Memo shall include a list of all work products produced since the 2002/3 DSI that did not include the data collected during the DSI. The letter and Tech Memo shall also describe any and all modeling efforts associated with Benchmark from 1987 to present, the dates the data were provided to CDM, and why Northrop and its consultants did not include DSI-related data in Benchmark or regional modeling efforts to date. In addition, please describe why permanent wells were not installed as part of the DSI.

We also agreed today that by March 8, 2012, Northrop would notify EPA as to a date by which Northrop will be able to ascertain when CDM first had access to any of the CPT data and whether CDM has used any of that data in the development of its groundwater modeling, pumping simulations, or the like for the Benchmark facility or the Intermediate Zone.

Please call me if you have any questions related to this request. For legal questions, your attorney may contact Lewis Maldonado at 415.972-3926

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Raymond Chavira
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San Francisco, CA 94105-3901
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[attachment "2012-0316-Benchmark-ltr to EPA re 6Mar12 Information Request.pdf" deleted by Raymond Chavira/R9/USEPA/US] [attachment "2012-0316-Benchmark-Source Area Investigation Memo (no attachments).pdf" deleted by Raymond Chavira/R9/USEPA/US] [attachment "2012-0315-Puente-PVOU Modeling Work Memo.pdf" deleted by Raymond Chavira/R9/USEPA/US]