Frank Klancher
4/10/92

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Kevin Klancher Notes. JWB

NWIRP BethPAGE
Technical Review Committee, Meeting #1
Bethpage, NY 3/31/92

Meeting Begins at 1:45
ATTENDEES (list attached)

- Frank Klanchar began the meeting by welcoming the participants and introducing Robert Booth
- Robert Booth discussed the mission and history of the NWIRP - Bethpage
- Frank Klanchar discussed the function and purpose of the TRC. He then gave an overview of the DERP/IRP, and discussed the NORTH DIV NAVFACENGCOM role within these programs. Frank Klancher then introduces Dave Brayack
- Dave Brayack discusses the results of the RI.
  - John Barnes comments:
    1. please number the sample points (soil gas)
    2. why did we only use (TCE + PCE) instead of all the contaminants? (soil gas)
    - Dave Brayack replies that we found

the sum of these contaminants to be reliable "indicators" of volatile contamination, which was the purpose of the soil gas survey. The results were cross-checked to make sure there weren't any instances of other significant VOC contamination where (PCE + TCE) was not also significant.

3. John Barnes states that he believes the production wells are significantly affecting the contaminant distribution and migration

- Dave Brayack finishes presentation. Frank Klanchar states that he believes we are ready to proceed to the FS, and asks for comments and opinions.

- John Molloy states that he feels the RI was deficient in that it did not address off-site groundwater issues
  - Dave Brayack & Frank Klanchar state that what is off-site for the Navy is still on-site for Grumman. John Barnes states that this problem (off-site GW considerations) will be addressed in Grumman Phase II RI.
  - John Molloy states that if this is the case then the NWIRP RI should explicitly state

that off-site groundwater issues are not being addressed, and that they are being covered by another RI.

- Lloyd Wilson had several comments:
  - he stated that 10^{-4} to 10^{-6} is not DOH policy. They believe that any unnecessary risk should be remediated, if technically feasible.
  - he feels that the maximum contamination is more significant than the average for assessing risk.
    - Dave Brayack replies that we are under EPA constraints here.

- John Molloy stated that he was surprised that Grumman was recharging contaminated groundwater.
  - John Ohlman replied that Grumman had been working towards 50 ppb, but were then told last year that they must meet drinking water standards. He said that this had been met at the south recharge basins, and they were presently working towards meeting this level (3-year schedule) at the NWIRP recharge basins.

- John Barnes had several comments
  - pursuant to an EPA lawsuit (*** Dave - I didn't really follow what he meant here) he was recommending that the DEC officially split the base into 2 sites; the NWIRP & the Grumman property.
  - He pointed out a possible typo error on p. 4-32 of RI
  - He said the Navy should look into removing the transformers from Site 1.

- The next discussion centered around the local/regional geology and presence (or lack of) of confining units
  - Lloyd Wilson commented on the absence of the Gardner's Clay, which in some parts of Long Island isolates the Magothy from the glacial deposits.
  - Carlo San Giovanni stated that the clay is present south of Bethpage, but does not extend that far north
  - John Mollot stated that they do have some clays in some of their well fields. He also stated that they have a lot of wells downgradient from NWIRP with no

confining layers in-between, & that these wells are in "jeopardy". Their major concern is underflow from the site.

- Lloyd Wilson questioned how deep was the Raritan Clay (600 ft ±). He stated that often the largest levels of contamination are found just above the clay.

- John Molloy questioned what is the public's perception of the Navy presence or involvement at the base
  - Frank Klanchar replied that the Navy is implementing a Community Relations Plan that will include a public meeting (May 13th is target). Also included will be public interviews with local technical people and public interviews with local residents. also, a library accessible to the public will be established as part of the plan.
  - Lloyd Wilson asked if there will be any public meetings that are not DEC-led.
    - John Barnes replied that if Hooker held any public meetings, they would be EPA-led.

- John Barnes asked when would the deep well data be validated and submitted to DEC
  - Dave Brayack replied that this would happen within a month

- Frank Klanchar discussed scheduling
  - REQUESTED ALL RI COMMENTS TO BE SUBMITTED BY APRIL 9
  - The final RI is due May 4
  - He wants to proceed to the FS, and money has been budgeted to award the FS to Halliburton NUS in June.
  - He is hoping for a ROD late this year or early next year
  - (John Barnes said DEC is targeting ROD for December)

- The question of scheduling the next meeting was raised:
  - Frank Klanchar tentatively has scheduled the meeting for June 25th at 1:30 pm

- Meeting Then suspended while Kevin Kilmartin, Martin Simonson, John Barnes, Frank Klanchar, Jennifer Hubbard, Laurie Lutzker, John Molloy, and Lloyd Wilson conducted a "windshield" tour of the NWIRP. (from 3:30 - 4:00)

After the meeting reconvened:

- John Barnes asked about any UST's at Plant 3
  - John Ohlman stated that there was (is?) one Toluene UST at the east end of the building near the present surface tanks (which hold PCE)

- John Molloy asked where did the wastewater discharge before the sewer hook-up?
  - John Ohlman replied that non-chromate wastewater was discharged to the recharge basins
    avg. 14 mg/week non-contact
    1.85 mg/week process

- Frank Klanchar to John Barnes: is the Navy headed in the right direction?
  John Barnes replies yes. He feels that we have the up- and down-gradient well covered for the feasibility study. He also suggested:
  - historical inventory of Plant 3 solvent use
  - possible trenches to investigate sludge beds
  - deep well at HN 24. He thinks that site needs to be better defined, including the effects of the well pumping.

- Lloyd Wilson had several comments
  - he stated that DOH must concur with any changes in site status or ROD's
  - he feels that things are progressing nicely, but reiterated John Molloy's concern that Navy must be sure to explicitly state in RI that off-site groundwater issues are being addressed elsewhere (Grumman phase II RI).

- Abe Kern questioned if the EPA is involved. John Barnes replied: no. They were given the opportunity, but declined.

- John Ohlman stated that he was unaware of the philosophy that anything off-site was Grumman's "responsibility". He said that it is important that John Barnes ultimately "sign-off" that Grumman work plan is sufficiently addressing off-site problems
  - Carlo San Giovanni stated that Grumman's phase II well configuration was designed to address Grumman issues, not Navy issues.
  - John Molloy reiterated that this is his concern, that Navy off-site issues may not be addressed

phase II, as planned, would adequately address downgradient of NWI-RP
- John Barnes replied that he feels that the current Grumman phase II proposal will be sufficient to address Navy issues.

Frank Klanchar to John Molloy: how does the public view these problems with respect to the Bethpage Water District?
-John Molloy: the public has been informed through the Grumman public meetings. The water district has not really raised the issue of Grumman/Navy impact on their water. Instead, they participate through the Grumman & DEC public information work.

Meeting adjourned ~ 4:40