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NAS JACKSONVILLE  
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LETTER AND TELECONFERENCE TRANSCRIPTION REGARDING MONITORING WELL  
OVERDEVELOPMENT GROUNDWATER ANALYTICAL RESULTS SITE 119 NAS  
JACKSONVILLE FL  
3/29/1996  
ABB ENVIRONMENTAL



March 29, 1996

08566.007

Florida Department of Environmental Protection  
 2600 Blair Stone Road  
 Twin Towers Office Building  
 Tallahassee, Florida 32399-2400

Attn: Mr. Jorge Caspary, RPM

**Subject: Teleconference Minutes, Site 119, Naval Air Station Jacksonville, Jacksonville, Florida:  
 Monitoring Well Overdevelopment Groundwater Analytical Results**

Participants: Diane Lancaster (NAS Jacksonville), Bryan Kizer (SOUTHNAVFACENGCOM), Jorge Caspary (FDEP), Greg Brown (FDEP), Dan Plugge (ABB-ES), and Jim Williams (ABB-ES)

The teleconference began at approximately 10:30 a.m., March 28, 1996. Jim Williams briefly outlined the reason for the meeting and showed Jorge Caspary and Greg Brown maps of soil and groundwater contamination at the site. Seven areas of soil contamination, identified as areas "A" through "G", were used as reference locations for discussion during the meeting and will be incorporated in to the CAR as such. The following is a summary of the results and recommendations for each area.

**Area E:** Benzene concentrations in MW01 decreased from 36 ppb before the 3-day overdevelopment alternate procedure to below the detection limit. Ethylene dibromide in monitoring well MW15 decreased below the detection limit after overdevelopment.

Excessively contaminated soil in area E is covered by asphalt and may constitute a continuous source of groundwater contamination. Soil excavation was not recommended as a remedial action.

Quarterly monitoring of source well MW01 and downgradient well MW17 for one year, and monitoring of MW15 for ethylene dibromide for one quarter was recommended. Groundwater samples from wells MW01 and MW17 will be analyzed for volatile organics using USEPA Method 602.

**Area F:** Benzene and total VOA levels in MW06 decreased significantly after overdevelopment, but remained above State Monitoring Only and No Further Action target levels.

Excessively contaminated soil in area F is covered by asphalt and may constitute a continuous source of groundwater contamination. Soil excavation was not recommended as a remedial action; however, quarterly monitoring of source area monitoring well MW06 and downgradient wells MW11, MW09, and MW19 for one year was recommended. Groundwater samples from these wells will be analyzed as follows:

MW06 (Methods 601, 602, and 610)  
 MW11 and MW19 (Methods 601 and 602)  
 MW09 (Method 602 only)

Collection of one sediment sample east of MW09 for analysis using Method 8020 was recommended. Sediment sample location and analytical data will be reported as an addendum to the Site 119 CAR.

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Area B: Benzene and total VOA levels decreased significantly in MW33 after overdevelopment, but total VOA remained above MO and NFA target levels.

Excessively contaminated soil in area B is not covered by asphalt or concrete; therefore, soil excavation was recommended as an initial remedial action.

Reinstallation of monitoring well MW33 after soil excavation, and quarterly monitoring for one year was recommended. Groundwater samples from MW33 will be analyzed using Methods 601, 602, and 610.

Area D: Benzene, total VOA, and total naphthalenes levels in MW41 decreased below NFA and MO target levels; however, total PAH was detected in concentrations above State target levels after overdevelopment.

Excessively contaminated soil in area D is not covered by asphalt or concrete; therefore, soil excavation was recommended as an IRA when the planned expansion of Bravo taxiway begins. Diane Lancaster will find out when the construction is scheduled to begin.

Installation of one downgradient monitoring well (MW51) near the location of soil boring SB-346, and quarterly monitoring of wells MW41 and MW51 was recommended. Groundwater samples from wells MW41 and MW51 will be analyzed using Methods 601, 602, and 610. Well location and groundwater analytical data for MW51 will be reported as an addendum to the Site 119 CAR.

Area C: Excessively contaminated soil in area C is not covered by asphalt or concrete and may constitute a continuous source of groundwater contamination. Soil excavation was not recommended as a remedial action because of numerous underground pipelines and utilities. Diane Lancaster will try to obtain pipeline tightness data.

Ethylene dibromide in monitoring well MW36 decreased below the detection limit after overdevelopment. Monitoring of well MW36 for one quarter and quarterly monitoring of well MW38 for one year was recommended. Groundwater samples from MW36 will be analyzed for EDB only. Samples from MW38 will be analyzed using Methods 602 and 610.

Area A: Excessively contaminated soil in area A is partially covered by concrete and may constitute a continuous source of groundwater contamination. Soil excavation was not recommended.

Quarterly monitoring of well MW20 for one year was recommended. Groundwater samples from well MW20 will be analyzed using Methods 602 and 610.

cc: Diane Lancaster (NAS Jacksonville)  
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