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NAS CECIL FIELD
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LETTER REGARDING REGULATORY REVIEW AND APPROVAL OF IMPLEMENTATION OF CHEMICAL INJECTION USING DIRECT PUSH TECHNOLOGY AT BP WELL SITES NAS CECIL FIELD FL
2/24/2012
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Florida Department of Environmental Protection
Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

February 24, 2012

BRAC PMO SE
Attn: Mr. Art Sanford
4130 Faber Place Drive
Suite 202
North Charleston, SC 29405

RE: Implementation of Chemical Injection Using Direct Push Technology, BP Wells Site, Naval Air Station Cecil Field, Jacksonville, Florida.

Dear Mr. Sanford:

I have reviewed the Implementation of Chemical Injection Using Direct Push Technology, BP Wells Site, Naval Air Station Cecil Field, dated December 19, 2011 (received December 20, 2011), prepared and submitted by Tetra Tech, Inc. The work described in the report generally conforms with what was approved in the Department's Remedial Action Plan Approval Order of July 7, 2011 (attached). Once the Jacksonville Airport Authority completes the construction of the new hangar, the three monitoring wells identified on Figure 5 need to be installed. Also, in order to meet the specific requirements for injecting ORC™ Advanced as specified in the Department's RAP Approval Order, additional monitoring wells may be required to verify Zone of Discharge compliance with pH and Total Dissolved Solid.

If you have any concerns regarding this letter, please contact me at (850) 245-8997.

Sincerely,

David P. Grabka, P.G.
Remedial Project Manager
Federal Programs Section
Bureau of Waste Cleanup

CC: Debbie Vaughn-Wright, EPA Region 4
John Flowe, City of Jacksonville

Rob Simcik, TtNUS, Pittsburgh
Mike Halil, CH2M Hill, Jacksonville
Mike Fitzsimmons, FDEP, Northeast District

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Secretary

July 7, 2011

BRAC PMO SE
Attn: Mr. Art Sanford
4130 Faber Place Drive
Suite 202
North Charleston, SC 29405

RE: Work Plan for Chemical Injection Using Direct Push Technology, BP Wells Site, Naval Air Station Cecil Field, Jacksonville, Florida.

Dear Mr. Sanford:

I have reviewed the Work Plan for Chemical Injection Using Direct Push Technology, BP Wells Site, Naval Air Station Cecil Field, dated June 14, 2011 (received June 15, 2011), prepared and submitted by Tetra Tech NUS, Inc. Because this Work Plan has been signed and sealed by a Professional Engineer and is acceptable to the Department, and in order to expedite the formal approval of the proposed remedial activities, the Department will henceforth refer to the Work Plan as the Remedial Action Plan (RAP) for the BP Wells Site. You will find attached to this letter a Remedial Action Plan Approval Order signed by Doug Jones, Bureau Chief, and a Certification of Approval by Jeff Lockwood, Professional Engineer. In addition to the work specified in the RAP and as required in the Department's approval of the Oxygen Release Compound (ORC™) Advanced as an approved product for petroleum site remediation, the remediation contractor is required to verify Zone of Discharge (ZOD) compliance for pH and Total Dissolved Solids (TDS) for a 50 foot maximum radius from the injection points for a period of one year.

If you have any concerns regarding this letter, please contact me at (850) 245-8997.

Sincerely,

David P. Grabka, P.G.
Remedial Project Manager
Federal Programs Section
Bureau of Waste Cleanup

CC: Debbie Vaughn-Wright, EPA Region 4
John Flowe, City of Jacksonville
Rob Simcik, TtNUS, Pittsburgh
Mike Halil, CH2M Hill, Jacksonville
Mike Fitzsimmons, FDEP, Northeast District

JJC ESN

Florida Department of
Environmental Protection
Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

July 7, 2011

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

BRAC PMO SE
Attn: Mr. Art Sanford
4130 Faber Place Drive
Suite 202
North Charleston, South Carolina 29405

Subject: Remedial Action Plan Approval Order
BP Wells Site
Naval Air Station Cecil Field
Jacksonville, Duval County

Dear Mr. Sanford:

The Bureau of Waste Cleanup has reviewed the Work Plan for Chemical Injection Using Direct Push Technology [equivalent to a Remedial Action Plan (RAP) and the Work Plan shall henceforth be referred to as a RAP in the Order below], dated June 14, 2011 (received June 15, 2011), prepared and submitted by Tetra Tech NUS, Inc., for the petroleum product discharge at the BP Wells Site at Naval Air Station Cecil Field. We found all the documents submitted to date to be adequate to meet the RAP requirements of Rule 62-770.700, Florida Administrative Code (F.A.C.). The Department of Environmental Protection (Department) has determined that the actions proposed in this RAP represent a reasonable strategy toward accomplishing the cleanup objectives of Chapter 62-770, F.A.C. Pursuant to Paragraph 62-770.700(8)(a), F.A.C., the Department approves the RAP as described in this RAP Approval Order (Order). However, if it appears during RAP implementation that the remedial strategy is not effective, a request for modification of this Order, pursuant to Subsection 62-770.700(15), F.A.C., may be submitted to the Department, or the Department may require the preparation and submittal of a RAP Modification to enhance the active remediation. Depending on the nature of the system modification, the Department may revoke this Order. The operation of the active remediation system must be initiated within 120 days, as required by Subsection 62-770.700(11), F.A.C., or alternative time frame approved in the Navy/Florida Petroleum Contamination Agreement Site Management Plan Amendment.

You are also required to submit to the Department record drawings (as-built drawings) of the treatment system within 120 days or alternative time frame approved in the Navy/Florida Petroleum Contamination Agreement Site Management Plan Amendment of initiating operation of the active remediation system(s). These drawings must be certified by a professional engineer.

Legal Issues

The Department's Order shall become final unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, Florida Statutes (F.S.), within 21 days of receipt of this Order. The procedures for petitioning for an administrative hearing are set forth below.

Persons affected by this Order have the following options:

(A) If you choose to accept the Department's decision regarding the RAP you do not have to do anything. This Order is final and effective on the date filed with the Clerk of the Department, which is indicated on the last page of this Order.

(B) If you choose to challenge the decision, you may do the following:

(1) File a request for an extension of time to file a petition for an administrative hearing with the Department's Agency Clerk in the Office of General Counsel within 21 days of receipt of this Order; such a request should be made if you wish to meet with the Department in an attempt to informally resolve any disputes without first filing a petition for an administrative hearing; or

(2) File a petition for an administrative hearing with the Department's Agency Clerk in the Office of General Counsel within 21 days of receipt of this Order.

Please be advised that mediation of this decision pursuant to Section 120.573, F.S., is not available.

How to Request an Extension of Time to File a Petition for an Administrative Hearing

For good cause shown, pursuant to Subsection 62-110.106(4), F.A.C., the Department may grant a request for an extension of time to file a petition for an administrative hearing. Such a request must be filed (received) by the Department's Agency Clerk in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, within 21 days of receipt of this Order. Petitioner, if different from Mr. Art Sanford/Navy BRAC PMO Office Southeast, shall mail a copy of

the request to Mr. Art Sanford/Navy BRAC PMO Office Southeast at the time of filing. Timely filing a request for an extension of time tolls the time period within which a petition for an administrative hearing must be made.

How to File a Petition for an Administrative Hearing

A person whose substantial interests are affected by this Order may petition for an administrative hearing under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) by the Department's Agency Clerk in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, within 21 days of receipt of this Order. Petitioner, if different from Mr. Art Sanford/Navy BRAC PMO Office Southeast, shall mail a copy of the petition to Mr. Art Sanford/Navy BRAC PMO Office Southeast at the time of filing. Failure to file a petition within this time period shall waive the right of anyone who may request an administrative hearing under Sections 120.569 and 120.57, F.S.

Pursuant to Subsection 120.569(2), F.S. and Rule 28-106.201, F.A.C., a petition for an administrative hearing shall contain the following information:

(a) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any; the facility owner's name and address, if different from the petitioner; the FDEP facility number, and the name and address of the facility;
(b) A statement of when and how each petitioner received notice of the Department's action or proposed action;
(c) An explanation of how each petitioner's substantial interests are or will be affected by the Department's action or proposed action;
(d) A statement of the disputed issues of material fact, or a statement that there are no disputed facts;
(e) A statement of the ultimate facts alleged, including a statement of the specific facts the petitioner contends warrant reversal or modification of the Department's action or proposed action;
(f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the Department's action or proposed action; and
(g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Department's action or proposed action.

This Order is final and effective on the date filed with the Clerk of the Department, which is indicated on the last page of this Order. Timely filing a petition for an administrative hearing postpones the date this Order takes effect until the Department

issues either a final order pursuant to an administrative hearing or an Order Responding to Supplemental Information provided to the Department pursuant to meetings with the Department.

Judicial Review

Any party to this Order has the right to seek judicial review of it under Section 120.68, F.S., by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the Department's Agency Clerk in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days after this Order is filed with the Department's clerk (see below).

Questions

Any questions regarding the Department's review of your RAP should be directed to David P. Grabka at (850) 245-8997 or e-mail at david.grabka@dep.state.fl.us. Questions regarding legal issues should be referred to the Department's Office of General Counsel at (850) 245-2242. Contact with any of the above does not constitute a petition for an administrative hearing or a request for an extension of time to file a petition for an administrative hearing.

Sincerely,

Douglas A. Jones, Chief
Bureau of Waste Cleanup
Division of Waste Management

DAJ/dpg

cc: David P. Grabka, DEP-BWC
File

FILING AND ACKNOWLEDGMENT
FILED, on this date, pursuant to
§120.52 Florida Statutes, with the
designated Department Clerk, receipt
of which is hereby acknowledged.

Minnie R Johnson — July 7, 2011
Clerk (or Deputy Clerk) — Date

Memorandum

Florida Department of
Environmental Protection

CERTIFICATION OF APPROVAL

June 23, 2011

RE: Work Plan for Chemical Injection Using Direct Push Technology
BP Wells Site, NAS Cecil Field

In my professional judgment, the proposed remediation measures contained in the above-referenced document , dated June 14, 2011 2011 (received June 15, 2011) provide reasonable assurance of reducing applicable pollutants that may be potentially harmful or injurious to human health or welfare and animal or plant life in accordance with state requirements described in Chapter 376, F.S.

Mr. Robert F. Simcik, P.E., Florida Professional Engineer # 61263, of Tetra Tech NUS, Inc., is the engineer of record for this project.

Jeffrey D. Lockwood, P.E., BCEE
Professional Engineer No. 39554
Expires February 28, 2013

6-23-11
Date