



Maryland
Department of
the Environment

Larry Hogan
Governor

Boyd Rutherford
Lieutenant Governor

Ben Grumbles
Secretary

May 9, 2016

Mr. Kenneth D. Kozel
President and CEO
Shore Regional Health
219 South Washington Street
Easton MD 21601

RE: WORK PLAN APPROVAL
Case No. 1987-2534-KE
Chester River Hospital Center
100 Brown Street, Chestertown
Kent County, Maryland
Facility I.D. No. 3168

Dear Mr. Kozel:

The Maryland Department of the Environment's (the Department) Oil Control Program recently completed a review of the case file for the above-referenced property, including the *Subsurface Investigation Work Plan*, dated April 18, 2016. Your environmental consultant proposes the installation of six soil borings to satisfy the Department's requirement for additional assessment activities in select areas of the site to determine if there is significant residual contamination or free phase heating oil. All borings will be advanced as continuous soil cores to permit logging of the formation stratigraphy and the collection of soil samples at the interval exhibiting the highest field reading and at the soil/water interface. All borings will be converted to groundwater monitoring wells ranging in depth from 45 to 65 feet below ground surface. Five of the six borings will be completed as 4-inch diameter monitoring wells. One monitoring well (MW-51) will be completed as a 2-inch diameter well due to access logistics (located in the court yard of the hospital in the area of MW-5).

Based on our review, the Department hereby approves the *Subsurface Investigation Work Plan*, contingent upon the following comments and modifications:

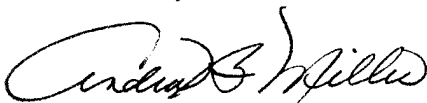
1. **No later than June 1, 2016**, initiate implementation of the approved *Work Plan*.
2. The Department will require complete vertical delineation of petroleum impact. If field screening results continue to reveal evidence of petroleum impact at the proposed target well depth, the boring must be extended until field screening data indicate the absence of petroleum impact.
3. The Department will approve the completion of MW-51 as a 2-inch diameter monitoring well based on the demonstrated limited access to the Hospital court yard. All others must be completed as 4-inch diameter monitoring wells and, at a minimum, with 10 feet of screen both above and below the water table surface, as measured in adjacent monitoring wells. The Department concurs with the well completion details and depths submitted in the *Subsurface Investigation Work Plan*. The Department understands that the wells will be developed utilizing active surging in addition to pumping/purging; sampled 14 days after installation; and surveyed into the existing monitoring well network.

4. If measureable liquid phase hydrocarbons (LPH) are detected, report the presence to the Department within two hours of discovery by calling 410-537-3442 during standard business hours or 1-866-633-4686 after normal business hours. Reports should not be made via voice mail messages to the Oil Control Program's case manager.
5. The Department requires that all purge and development water generated from any well in which LPH are encountered be properly disposed at either an approved off-site disposal facility or treated through the on-site pump-and-treat system. Any water identified to contain LPH may not be treated through carbon and discharged to the Town's sanitary system.
6. The Department requires the submittal of a *Site Assessment Report* no later than 45 days following completion of the approved *Work Plan* activities. When submitting sampling results, include data summary tables (including concentrations of naphthalene, fuel oxygenates, and total petroleum hydrocarbons - diesel range organics). Provide detailed well logs and well completion reports, including specific well development conditions. The report must also include refined site maps denoting new well locations and refined groundwater flow regimes based on the updated well survey, any changes to site-specific detailed hydrogeology, product thickness and dissolve concentration maps, sampling results, and qualitative and/or quantitative discussions. Submit the *Site Assessment Report* to:

Ms. Susan Bull
Maryland Department of the Environment
LMA / Oil Control Program
1800 Washington Boulevard, Suite 620
Baltimore, MD 21230-1719.

If you have any questions, please contact the case manager Ms. Susan Bull, at 410-537-3499 (email: susan.bull@maryland.gov) or me at 410-537-3389 (email: andrew.miller@maryland.gov).

Sincerely,



Andrew B. Miller, Chief
Remediation and State-Lead Division
Oil Control Program

SRB/nln

cc: Mayor Chris Cerino (Town of Chestertown)
Mr. Bill Ingersoll (Town of Chestertown)
Mr. Bob Sipes (Town of Chestertown)
Mr. Michael Forlini, Esquire (Funk & Bolton, PA)
Mr. John Beskid (Kent County Health Dept.)
Mr. Dane Bauer (H&B Solutions, LLC)
Mr. James Sines (EBA Engineering, Inc.)
Mr. Michael Powell, Esquire (Gordon-Feinblatt, LLC)

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Mr. Saeid Kasraei
Mr. John Grace
Ms. Priscilla Carroll, Esquire
Mr. Christopher H. Ralston
Ms. Hilary Miller
Mr. Horacio Tablada