



DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY GARRISON FORT MONMOUTH
FORT MONMOUTH, NEW JERSEY 07703-5101

REPLY TO
ATTENTION OF

Directorate of Public Works

October 4, 2010

Karen Mount-Taylor, Borough Clerk
Borough of Tinton Falls
556 Tinton Avenue
Tinton Falls, New Jersey 07724

**Subject: Public Notices for Sites 2567 and CW-1
Fort Monmouth, NJ 07703**

Dear Ms. Mount-Taylor:

On September 2, 2010, the U.S. Army Fort Monmouth, Directorate of Public Works (DPW) requested authorization from the New Jersey Department of Environmental Protection (NJDEP) via a Permit-by-Rule pursuant to the New Jersey Pollutant Discharge Elimination System, N.J.A.C. 7:14A-1 *et seq.* to permit the injection of RegenOx, Oxygen Release Compound Advanced, and/or Hydrogen Release Compound into the subsurface in an effort to remediate organic contaminants of concern detected in groundwater.

Pursuant to the Technical Requirements for Site Remediation (N.J.A.C. 7:26E-7.2(c)), the DPW included a draft Public Notice in the Permit-by-Rule request. On September 3, 2010, the NJDEP approved DPW's Public Notice. These regulations require the DPW to submit a copy of the approved public notice to the clerk for each municipality in which the contaminated site is located and to the designated local health official.

Attached are the approved Public Notices satisfying this regulatory requirement.

If you have any questions or require additional information, please contact Mr. Charles Appleby at (732) 532-2692 or by email: charles.appleby@us.army.mil.

Sincerely,

Joseph M. Fallon, CHMM
Chief, Environmental Division
Directorate of Public Works

c: Larry Quinn, NJDEP
Monmouth County Regional Health Commission #1
File

Attachments

Public Notice

This notice is being given to inform the public that as part of the remediation of Fort Monmouth in the boroughs of Eatontown and Oceanport, Monmouth County, a proposal has been submitted to the New Jersey Department of Environmental Protection (Department) to discharge to ground water in accordance with a permit issued pursuant to the provisions of the New Jersey Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq., its implementing regulations the New Jersey Pollutant Discharge Elimination System, N.J.A.C. 7:14A; the Ground Water Quality Standards, N.J.A.C. 7:9C; and the Technical Requirements for Site Remediation, N.J.A.C. 7:26E. The Department's Site Remediation Program is reviewing the proposal to discharge to ground water for the purpose of remediating a contaminated site with the program interest #G000000032.

Brief description of proposed discharge: In an effort to remediate compounds of concern (COCs) in groundwater at Building 2567 in the Charles Wood area, the Directorate of Public Works, US Army Garrison, Fort Monmouth, proposes to inject RegenOx and ORC Advanced into the subsurface. The Tinton Sand Formation outcrops in the area. The Tinton Sand is a yellowish-orange to light brown, feldspathic-quartz and glauconitic sand. The amount of glauconite may comprise up to 80 percent of the formation. Depth to groundwater in this area is approximately 5 to 7 feet below grade.

The addition of RegenOx into the subsurface chemically oxidizes contaminants of concern whereas the injection of ORC Advanced into the subsurface quickly increases the dissolved oxygen content in groundwater thereby promoting aerobic degradation utilizing indigenous microorganisms. Both compounds are environmentally safe and have been proven to enhance/accelerate the degradation of hydrocarbon COCs via oxidative pathways.

A copy of the Discharge to Groundwater (DGW) proposal is available from the person responsible for conducting the remediation (Chuck Appleby, 173 Riverside Ave., Fort Monmouth, NJ 07703 Directorate of Public Works, US Army Garrison), or as part of the administrative record which is on file at the offices of the Department, Site Remediation Program, located at 401 East State Street, Trenton, Mercer County, New Jersey. The file may be reviewed under the New Jersey Open Public Records Act ("OPRA"), N.J.S.A 47:1A-1 et seq. Information regarding the OPRA procedures is available at <http://www.state.nj.us/dep/opra/oprainfo.html>.

Interested persons may submit written comments regarding the DGW proposal to the Department at the address listed below and to the owner or operator of the facility, c/o Robyn Bennett, Public Affairs Office-Site 812 Comments, IMNE-MON-PA, Building 1207, Room G-07, Fort Monmouth, NJ 07703. All comments shall be submitted within 30 calendar days of the date of this public notice. All persons who believe that the DGW proposal is inappropriate, must raise all reasonably ascertainable issues and submit in writing to the Department all reasonably available arguments and factual grounds supporting their position, including all supporting material, by the close of the public comment period. All comments submitted by interested persons that relate to the DGW proposal will be considered by the Department, provided that the Department receives the comments by the close of the public comment period. After the close of the public comment period, the Department will render a decision regarding the proposed discharge. The Department will respond to all significant and timely comments with its decision regarding the DGW proposal. Each person who has submitted written comments will receive notice of the Department's decision.

Any interested person may request in writing that the Department hold a non-adversarial public hearing on the DGW proposal. This request shall state the nature of the issues to be raised in the proposed hearing and shall be submitted within 30 calendar days of the date of this public notice to the address cited below. A public hearing will be conducted whenever the Department determines that there is a significant degree of public interest in the discharge to ground water decision. If a public hearing is held, the public comment period in this notice shall automatically be extended to the close of the public hearing.

Comments and written requests for a non-adversarial public hearing shall be sent to:

ATTN: DGW proposal
Site Remediation Program
NJ Department of Environmental Protection
Mr. Larry Quinn, Site Manager
401 East State Street, P.O. Box 413, Trenton, NJ 08625-0413

Public Notice

This notice is being given to inform the public that as part of the remediation of Fort Monmouth in the boroughs of Eatontown and Oceanport, Monmouth County, a proposal has been submitted to the New Jersey Department of Environmental Protection (Department) to discharge to groundwater in accordance with a permit issued pursuant to the provisions of the New Jersey Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq., its implementing regulations the New Jersey Pollutant Discharge Elimination System, N.J.A.C. 7:14A; the Ground Water Quality Standards, N.J.A.C. 7:9C; and the Technical Requirements for Site Remediation, N.J.A.C. 7:26E. The Department's Site Remediation Program is reviewing the proposal to discharge to groundwater for the purpose of remediating a contaminated site with the program interest #G000000032.

Brief description of proposed discharge: In an effort to remediate Compounds of Concern (COCs) in groundwater at Site CW-1, the Directorate of Public Works, US Army Garrison, Fort Monmouth, proposes to inject RegenOx and HRC Advanced into the subsurface. The eastern half of the Main Post is underlain by the Red Bank Formation, ranging in thickness from 20-30 feet, while the western half is underlain by the Honerstown Formation, ranging in thickness from 20-30 feet. Depth to groundwater on the Main Post is approximately 5 to 12 feet below grade.

The addition of RegenOx into the subsurface chemically oxidizes contaminants of concern whereas the injection of HRC Advanced into the subsurface quickly increases the dissolved oxygen content in groundwater thereby promoting aerobic degradation utilizing indigenous microorganisms. Both compounds are environmentally safe and have been proven to enhance/accelerate the degradation of hydrocarbon COCs via oxidative pathways.

A copy of the Discharge to Groundwater (DGW) proposal is available from the person responsible for conducting the remediation (Chuck Appleby, 173 Riverside Ave., Fort Monmouth, NJ 07703 Directorate of Public Works, US Army Garrison), or as part of the administrative record which is on file at the offices of the Department, Site Remediation Program, located at 401 East State Street, Trenton, Mercer County, New Jersey. The file may be reviewed under the New Jersey Open Public Records Act ("OPRA"), N.J.S.A 47:1A-1 et seq. Information regarding the OPRA procedures is available at <http://www.state.nj.us/dep/opra/oprainfo.html>.

Interested persons may submit written comments regarding the DGW proposal to the Department at the address listed below and to the owner or operator of the facility, c/o Robyn Bennett, Public Affairs Office-Site CW-1 Comments, IMNE-MON-PA, Building 1207, Room G-07, Fort Monmouth, NJ 07703. All comments shall be submitted within 30 calendar days of the date of this public notice. All persons who believe that the DGW proposal is inappropriate, must raise all reasonably ascertainable issues and submit in writing to the Department all reasonably available arguments and factual grounds supporting their position, including all supporting material, by the close of the public comment period. All comments submitted by interested persons that relate to the DGW proposal will be considered by the Department, provided that the Department receives the comments by the close of the public comment period. After the close of the public comment period, the Department will render a decision regarding the proposed discharge. The Department will respond to all significant and timely comments with its decision regarding the DGW proposal. Each person who has submitted written comments will receive notice of the Department's decision.

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Site Remediation Program
NJ Department of Environmental Protection
Mr. Larry Quinn, Site Manager
401 East State Street, P.O. Box 413, Trenton, NJ 08625-0413

Affidavit of Publication

State of New Jersey } ss.
MONMOUTH COUNTY

Personally appeared *Kathleen McCarvey*
of the Atlanticville, a newspaper printed and published
in Freehold, In said county and State, who being duly sworn,
depose and saith that the advertisement of which the annex
is a true copy, has been published in said newspaper 1 time(s),
once in each issue, as follows

Legal Advertisement: US ARMY FORT MONMOUTH
RE: CW1 M2 & 283
Publication Date: 09/15/2010
Fee: \$240.72

Knots

Sworn and Subscribed before me
the 17th day of September A.D., 2010



Notary Public of New Jersey

LINDA VINCI
Notary Public, State of New Jersey
I.D. No.: 2175845
Qualified in Monmouth County
Expires: April 6, 2015

Public Notice

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Brief description of proposed discharge: In an effort to remediate benzene, chlorobenzene, and *tert*-butyl alcohol in groundwater at **Site M-2**, the Directorate of Public Works, US Army Garrison, Fort Monmouth, proposes to inject RegenOx and/or ORC Advanced into the subsurface. The eastern half of the Main Post is underlain by the Red Bank Formation, ranging in thickness from 20-30 feet, while the western half is underlain by the Honerstown Formation, ranging in thickness from 20-30 feet. Depth to groundwater on the Main Post is approximately 5 to 12 feet below grade.

The addition of RegenOx into the subsurface chemically oxidizes contaminants of concern whereas the injection of ORC into the subsurface increases the oxygen content to ensure biodegradation occurs under aerobic conditions. Both compounds are environmentally safe and have been proven to enhance/accelerate the natural degradation of organic compounds via reductive and oxidative dehalogenation pathways.

A copy of the Discharge to Groundwater (DGW) proposal is available from the person responsible for conducting the remediation (Chuck Appleby, 173 Riverside Ave., Fort Monmouth, NJ 07703 Directorate of Public Works, US Army Garrison), or as part of the administrative record which is on file at the offices of the Department, Site Remediation Program, located at 401 East State Street, Trenton, Mercer County, New Jersey. The file may be reviewed under the New Jersey Open Public Records Act ("OPRA"), N.J.S.A. 47:1A-1 et seq. Information regarding the OPRA procedures is available at <http://www.state.nj.us/dep/opra/oprainfo.html>.

Interested persons may submit written comments regarding the DGW proposal to the Department at the address listed below and to the owner or operator of the facility, c/o Robyn Bennett, Public Affairs Office-Site M-2 Comments, IMNE-MON-PA, Building 1207, Room G-07, Fort Monmouth, NJ 07703. All comments shall be submitted within 30 calendar days of the date of this public notice. All persons who believe that the DGW proposal is inappropriate, must raise all reasonably ascertainable issues and submit in writing to the Department all reasonably available arguments and factual grounds supporting their position, including all supporting material, by the close of the public comment period. All comments submitted by interested persons that relate to the DGW proposal will be considered by the Department, provided that the Department receives the comments by the close of the public comment period. After the close of the public comment period, the Department will render a decision regarding the proposed discharge. The Department will respond to all significant and timely comments with its decision regarding the DGW proposal. Each person who has submitted written comments will receive notice of the Department's decision.

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Brief description of proposed discharge: In an effort to remediate compounds of concern (COCs) in groundwater at **Site 283**, the Directorate of Public Works, US Army Garrison, Fort Monmouth, proposes to inject RegenOx and ORC Advanced into the subsurface. The eastern half of the Main Post is underlain by the Red Bank Formation, ranging in thickness from 20-30 feet, while the western half is underlain by the Honerstown Formation, ranging in thickness from 20-30 feet. Depth to groundwater on the Main Post is approximately 5 to 12 feet below grade.

The addition of RegenOx into the subsurface chemically oxidizes contaminants of concern whereas the injection of ORC Advanced into the subsurface quickly increases the dissolved oxygen content in groundwater thereby promoting aerobic degradation utilizing indigenous microorganisms. Both compounds are environmentally safe and have been proven to enhance/accelerate the degradation of hydrocarbon COCs via oxidative pathways.

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Interested persons may submit written comments regarding the DGW proposal to the Department at the address listed below and to the owner or operator of the facility, c/o Robyn Bennett, Public Affairs Office-Site 283 Comments, IMNE-MON-PA, Building 1207, Room G-07, Fort Monmouth, NJ 07703. All comments shall be submitted within 30 calendar days of the date of this public notice. All persons who believe that the DGW proposal is inappropriate, must raise all reasonably ascertainable issues and submit in writing to the Department all reasonably available arguments and factual grounds supporting their position, including all supporting material, by the close of the public comment period. All comments submitted by interested persons that relate to the DGW proposal will be considered by the Department, provided that the Department receives the comments by the close of the public comment period. After the close of the public comment period, the Department will render a decision regarding the proposed discharge. The Department will respond to all significant and timely comments with its decision regarding the DGW proposal. Each person who has submitted written comments will receive notice of the Department's decision.

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NJ Department of Environmental Protection
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401 East State Street, P.O. Box 413, Trenton, NJ 08625-0413

Atlanticville
Dated: September 15, 2010
Fee: \$ 240.72
Affidavit: \$10.00

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173 RIVERSIDE AVE
FORT MONMOUTH, NJ 07703
Attn: JOHN MONTGOMERY

September 08, 2010

Acct# 192222 Order # 0101197361

AD #	DATES	Advertisement/Description	Publications	NUMBER OF LINES	RATE PER LINE	TOTAL AMOUNT
0101197361	9/08/10	CW 1 PUBLIC NOTICE	1 x	240	0.54	\$129.60
		Affidavit of Publication Charge				35.00
		TOTAL AMOUNT DUE				164.60

Check #: _____

Date: _____

CERTIFICATION BY RECEIVING AGENCY

I, HAVING KNOWLEDGE OF THE FACTS, CERTIFY AND DECLARE THAT THE GOODS HAVE BEEN RECEIVED OR THE SERVICES RENDERED AND ARE IN COMPLIANCE WITH THE SPECIFICATIONS OR OTHER REQUIREMENTS, AND SAID CERTIFICATION IS BASED ON SIGNED DELIVERY SLIPS OR OTHER REASONABLE PROCEDURES OR VERIFIABLE INFORMATION.

SIGNATURE: _____

TITLE: _____ DATE: _____

CERTIFICATION BY APPROVAL OFFICIAL

I CERTIFY AND DECLARE THAT THIS BILL OR INVOICE IS CORRECT, AND THAT SUFFICIENT FUNDS ARE AVAILABLE TO SATISFY THIS CLAIM. THE PAYMENT SHALL BE CHARGEABLE TO:

APPROPRIATION ACCOUNT(S) AND AMOUNTS CHARGED: P.O. # _____

SIGNATURE: _____

TITLE: _____ DATE: _____

CLAIMANT'S CERTIFICATION AND DECLARATION:

I DO SOLEMNLY DECLARE AND CERTIFY UNDER THE PENALTIES OF THE LAW THAT THIS BILL OR INVOICE IS CORRECT IN ALL ITS PARTICULARS; THAT THE GOODS HAVE BEEN FURNISHED OR SERVICES HAVE BEEN RENDERED AS STATED HEREIN; THAT NO BONUS HAS BEEN GIVEN OR RECEIVED BY ANY PERSON OR PERSONS WITHIN THE KNOWLEDGE OF THIS CLAIMANT IN CONNECTION WITH THE ABOVE CLAIM; THAT THE AMOUNT HEREIN STATED IS JUSTLY DUE AND OWING; AND THAT THE AMOUNT CHARGED IS A REASONABLE ONE.

Date: September 08, 2010
Signature: _____

Federal ID #: 061032273
Official Position: Clerk

Kindly return a copy of this bill with your payment so that we can assure you proper credit.

