



DEPARTMENT OF THE ARMY

BUFFALO DISTRICT, CORPS OF ENGINEERS
1776 NIAGARA STREET
BUFFALO, NEW YORK 14207-3199

REPLY TO
ATTENTION OF

Special Projects Branch

JUN 29 2012

SUBJECT: Updated Baseline Risk Assessment for the Landfill Operable Unit of the Tonawanda Landfill Vicinity Property

Mr. Christopher Clayton
U.S. Department of Energy
Office of Legacy Management, LM-40
1000 Independence Avenue, SW
Washington, DC 20585-0002

Dear Mr. Clayton:

The U.S. Army Corps of Engineers is enclosing an electronic copy of the updated Baseline Risk Assessment for the Landfill Operable Unit of the Tonawanda Landfill Vicinity Property to the Linde Formerly Utilized Sites Remedial Action Program (FUSRAP) Site, located in the Town of Tonawanda, New York.

The Corps is the lead Federal agency for this project, executing FUSRAP in accordance with the governing Federal law – the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and the National Oil and Hazardous Substances Pollution Contingency Plan (NCP).

In 2009 through 2011 the Corps conducted additional soil, groundwater, sediment and surface water sampling on the Landfill Operable Unit of the vicinity property. The purpose of the sampling was to confirm the levels and extent of uranium, radium and thorium in the Landfill Operable Unit. Data from this sampling was used to update the Baseline Risk Assessment to ensure that it accurately reflects the potential for human exposure to FUSRAP-related material in the Landfill Operable Unit, given the Landfill's proximity to residential property.

The updated Baseline Risk Assessment concludes the following:

1. That for the current use of the Landfill Operable Unit, as it is currently configured, risks to human health from potential exposures to FUSRAP-related material are within the acceptable limits established in the NCP.
2. If the surface of the landfill is not maintained and is allowed to erode over time, exposing FUSRAP-related material that is currently buried, then risks to trespassers or other users on the site could increase above the NCP acceptable risk range within the 1,000-year evaluation period.

OFFICE: Special Projects Branch

-2-

SUBJECT: Updated Baseline Risk Assessment for the Landfill Operable Unit of the Tonawanda Landfill Vicinity Property

Based on the analysis provided in the updated Baseline Risk Assessment the Corps' next step will be to prepare a Feasibility Study for the Landfill Operable Unit. The Feasibility Study will develop remedial alternatives which would be appropriate to mitigate potential future unacceptable risks from exposure to the buried FUSRAP-related material in the Landfill Operable Unit.

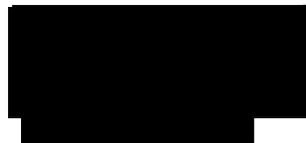
The updated Baseline Risk Assessment has been placed in the Administrative Record File for the Tonawanda Landfill Vicinity Property, which is available for review in the Tonawanda Public Library, 333 Main Street, Tonawanda, NY 14150. The Administrative Record File is also available for review by appointment at the Buffalo District Office Library located at 1776 Niagara Street in Buffalo, New York. The Baseline Risk Assessment is also available on the Corps' Tonawanda Landfill website at www.lrb.usace.army.mil/fusrap/landfill.

The Corps is holding an Availability Session on Tuesday, July 17, 2012, between 2:30 and 4:30 p.m. and between 6 and 8 p.m., at VFW Post 7545, 110 Elgin Street, Tonawanda, NY 14150. Members of the project delivery team will be available to talk with members of the community regarding the updated Baseline Risk Assessment.

A copy of this letter with the report is being provided to the enclosed distribution list.

If you have any questions please contact me by telephone at 716-879-4287. Additionally, the Buffalo District provides the public a toll-free telephone number (800-833-6390), email address (fusrap@usace.army.mil) and internet site (www.lrb.usace.army.mil/fusrap) to provide information on FUSRAP projects.

Sincerely,

A large black rectangular redaction box covering the signature of the Senior Project Manager.

Senior Project Manager

Enclosures



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REPLY TO
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JUN 29 2012

SUBJECT: Updated Baseline Risk Assessment for the Landfill Operable Unit of the Tonawanda Landfill Vicinity Property

Mr. Paul Giardina
USEPA Region 2
Division of Environmental Planning and Protection
290 Broadway, 28th Floor
New York, NY 10007-1866

Dear Mr. Giardina:

The U.S. Army Corps of Engineers is enclosing an electronic copy of the updated Baseline Risk Assessment for the Landfill Operable Unit of the Tonawanda Landfill Vicinity Property to the Linde Formerly Utilized Sites Remedial Action Program (FUSRAP) Site, located in the Town of Tonawanda, New York.

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OFFICE: Special Projects Branch

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SUBJECT: Updated Baseline Risk Assessment for the Landfill Operable Unit of the Tonawanda Landfill Vicinity Property

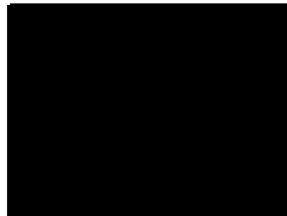
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A copy of this letter is being provided to Mr. Nidal Azzam, USEPA Region 2, Health Physicist; Mr. Mike Basile, USEPA Region 2, Western New York Public Information Office; and to the enclosed distribution list.

If you have any questions please contact me by telephone at 716-879-4287. Additionally, the Buffalo District provides the public a toll-free telephone number (800-833-6390), email address (fusrap@usace.army.mil) and internet site (www.lrb.usace.army.mil/fusrap) to provide information on FUSRAP projects.



Senior Project Manager

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SUBJECT: Updated Baseline Risk Assessment for the Landfill Operable Unit of the Tonawanda Landfill Vicinity Property

Mr. Jim Harrington, Bureau Director
Remedial Bureau A
Division of Environmental Remediation
NYSDEC
625 Broadway, 11th Floor
Albany, NY 12233-7255

Dear Mr. Harrington:

The U.S. Army Corps of Engineers is enclosing an electronic copy of the updated Baseline Risk Assessment for the Landfill Operable Unit of the Tonawanda Landfill Vicinity Property to the Linde Formerly Utilized Sites Remedial Action Program (FUSRAP) Site, located in the Town of Tonawanda, New York.

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OFFICE: Special Projects Branch

-2-

SUBJECT: Updated Baseline Risk Assessment for the Landfill Operable Unit of the Tonawanda Landfill Vicinity Property

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Based on the analysis provided in the updated Baseline Risk Assessment the Corps' next step will be to prepare a Feasibility Study for the Landfill Operable Unit. The Feasibility Study will develop remedial alternatives which would be appropriate to mitigate potential future unacceptable risks from exposure to the buried FUSRAP-related material in the Landfill Operable Unit.

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A copy of this letter with the report is being provided to Mr. Timothy Rice, Section Chief, Radiological Sites Section Remedial Bureau A, Division of Environmental Remediation; Mr. John Mitchell, Remedial Bureau A, Radiological Sites Section, NYSDEC; and to the enclosed distribution list.

If you have any questions please contact me by telephone at 716-879-4287. Additionally, the Buffalo District provides the public a toll-free telephone number (800-833-6390), email address (fusrap@usace.army.mil) and internet site (www.lrb.usace.army.mil/fusrap) to provide information on FUSRAP projects.

Sincerely,

A black rectangular redaction box covering the signature of Stephen P. Buechi.

Stephen P. Buechi
Senior Project Manager

Enclosures



DEPARTMENT OF THE ARMY

BUFFALO DISTRICT, CORPS OF ENGINEERS
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REPLY TO
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JUN 29 2012

SUBJECT: Updated Baseline Risk Assessment for the Landfill Operable Unit of the Tonawanda Landfill Vicinity Property

Ms. Abby Snyder, Regional Director
NYSDEC, Region 9
270 Michigan Avenue
Buffalo, NY 14203-2915

Dear Ms. Snyder:

The U.S. Army Corps of Engineers is enclosing an electronic copy of the updated Baseline Risk Assessment for the Landfill Operable Unit of the Tonawanda Landfill Vicinity Property to the Linde Formerly Utilized Sites Remedial Action Program (FUSRAP) Site, located in the Town of Tonawanda, New York.

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OFFICE: Special Projects Branch

-2-

SUBJECT: Updated Baseline Risk Assessment for the Landfill Operable Unit of the Tonawanda Landfill Vicinity Property

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A copy of this letter with the report is being provided to Mr. Mark Hans, NYSDEC, Region 9, and to the enclosed distribution list.

If you have any questions please contact me by telephone at 716-879-4287. Additionally, the Buffalo District provides the public a toll-free telephone number (800-833-6390), email address (fusrap@usace.army.mil) and internet site (www.lrb.usace.army.mil/fusrap) to provide information on FUSRAP projects.



 
Senior Project Manager

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SUBJECT: Updated Baseline Risk Assessment for the Landfill Operable Unit of the Tonawanda Landfill Vicinity Property

Mr. Stephen Gavitt, CHP, Director
Bureau of Environmental Radiation Protection
NYS Department of Health
547 River Street, Room 530
Troy, NY 12180-2216

Dear Mr. Gavitt:

The U.S. Army Corps of Engineers is enclosing an electronic copy of the updated Baseline Risk Assessment for the Landfill Operable Unit of the Tonawanda Landfill Vicinity Property to the Linde Formerly Utilized Sites Remedial Action Program (FUSRAP) Site, located in the Town of Tonawanda, New York.

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A copy of this letter with the report is being provided to Ms. Cynthia Costello, MS, MPH, CHP, Chief, Environmental Radiation Section, NYS Department of Health, and to the enclosed distribution list.

If you have any questions please contact me by telephone at 716-879-4287. Additionally, the Buffalo District provides the public a toll-free telephone number (800-833-6390), email address (fusrap@usace.army.mil) and internet site (www.lrb.usace.army.mil/fusrap) to provide information on FUSRAP projects.

A large black rectangular redaction box covering the signature area of the letter.

Senior Project Manager

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REPLY TO
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SUBJECT: Updated Baseline Risk Assessment for the Landfill Operable Unit of the Tonawanda Landfill Vicinity Property

Ms. Kathy Konst
Commissioner
Erie County Dept. of Env & Planning
Division of Environmental Compliance
95 Franklin Street, 10th Floor
Buffalo, New York 14202

Dear Ms. Konst:

The U.S. Army Corps of Engineers is enclosing a copy of the updated Baseline Risk Assessment for the Landfill Operable Unit of the Tonawanda Landfill Vicinity Property to the Linde Formerly Utilized Sites Remedial Action Program (FUSRAP) Site, located in the Town of Tonawanda, New York.

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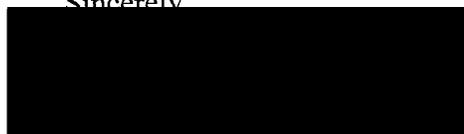
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Stephen P. Buechi
Senior Project Manager

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REPLY TO
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SUBJECT: Updated Baseline Risk Assessment for the Landfill Operable Unit of the Tonawanda Landfill Vicinity Property

Mr. Whitney K. Vantine, Ed.D.
Superintendent
Tonawanda City School District
100 Hinds Street
Tonawanda, NY 14150

Dear Mr. Vantine:

The U.S. Army Corps of Engineers is enclosing an electronic copy and a hardcopy of the updated Baseline Risk Assessment for the Landfill Operable Unit of the Tonawanda Landfill Vicinity Property to the Linde Formerly Utilized Sites Remedial Action Program (FUSRAP) Site, located in the Town of Tonawanda, New York.

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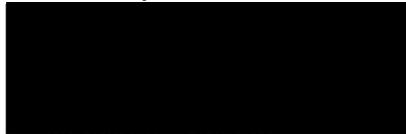
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A large black rectangular redaction box covering the signature of Stephen F. Bacon.

Stephen F. Bacon
Senior Project Manager

Enclosures

Distribution List:

Hon. Louise M. Slaughter, Representative in Congress, Washington, D.C.

CF: Rochester, NY
Buffalo, NY

Hon. Charles Schumer, United States Senator, Washington, D.C.

CF: Buffalo, NY

Hon. Kirsten Gillibrand, United States Senator, Washington, D.C.

CF: Buffalo, NY.

Hon. Michael Ranzenhofer, New York State Senator, Williamsville, NY

Hon. Mark Grisanti, New York State Senator, Buffalo, NY

Hon. Robin Schimminger, New York State Assemblyman, Kenmore, NY

Hon. Kevin Hardwick, Erie County Legislature, Buffalo, NY

Hon. Anthony F. Caruna, Town of Tonawanda Supervisor

CF: Mr. Michael Kaiser, Director, Technical Support Dept., Town of Tonawanda
Mr. Robert Morris, Technical Support Dept., Town of Tonawanda

Hon. Ronald J. Pilozzi, Mayor, City of Tonawanda

CF: Mr. Jason LaMonaco, City of Tonawanda Engineer

Mr. Carleton Zeisz, Common Council President, Tonawanda, NY

Mr. Christopher Clayton, U.S. Department of Energy, Office of Legacy Management

Mr. Paul Giardina, USEPA Region 2, Division of Environmental Planning and Protection

CF: Mr. Nidal Azzam, USEPA Region 2, Health Physicist
Mr. Mike Basile, USEPA Region 2, Western NY Public Information Office

Mr. Jim Harrington, Bureau Director, Remedial Bureau A, Division of Environmental Remediation, NYSDEC

CF: Mr. Timothy Rice, Section Chief, Radiological Sites Section, NYSDEC
Mr. John Mitchell, Remedial Bureau A, Radiological Sites Section, NYSDEC

Ms. Abby Snyder, Regional Director, NYSDEC, Region 9

CF: Mr. Mark Hans, NYSDEC, Region 9

Mr. Stephen Gavitt, CHP, Director, Bureau of Environmental Radiation Protection, NYS Dept. of Health

CF: Ms. Cynthia Costello, MS, MPH, CHP, Chief, Environmental Radiation, NYS Dept. of Health

Ms. Kathy Konst, Commissioner, Erie County Dept. of Environment & Planning

CF: Mr. Paul Kranz, Erie County Dept. of Environment & Planning, Division of Environmental Compliance

Mr. Whitney K. Vantine, Ed.D., Superintendent, Tonawanda City School District