



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY

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

CELRB-SPF

DEC 13 2012

MEMORANDUM FOR HQ, U.S. Army Corps of Engineers, (ATTN: [REDACTED]),
CECW-LRD-M), 441 G. Street, N.W., Washington, DC 20314

SUBJECT: Formerly Utilized Sites Remedial Action Program (FUSRAP) Niagara Falls Storage Site Technical Memorandum

1. CELRB conducts an environmental surveillance program at the Niagara Falls Storage Site (NFSS) in support of our Formerly Utilized Sites Remedial Action Program (FUSRAP) mission to protect human health and the environment. The environmental surveillance program quantifies and evaluates radiological, chemical, and water quality data from the environment at the NFSS. Results of this program are published annually in the form of a technical memorandum.
2. The 2011 Niagara Falls Storage Site Environmental Surveillance Technical Memorandum indicates that the findings are consistent with the findings of prior year evaluations, demonstrating that site controls are continuing to perform as designed and the site is fully protective of human health and the environment.
3. To prepare the technical memorandum, the Corps' environmental surveillance team collected samples at the NFSS from December 2010 to December 2011. These samples were sent off site for laboratory analysis and the results were analyzed and documented by the technical team. The measured parameters include:
 - a. The external gamma radiation dose.
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 - c. The release rate of radon-222 from the surface of the interim waste containment structure.
 - d. The concentration of uranium-234, uranium-235, uranium-238, thorium-230, thorium-232, radium-226, radium-228, cesium-137, plutonium-238, plutonium-239/240, strontium-90, technetium-99, tritium (H₃), metals, polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), pesticides, and volatile organic compounds (VOCs) in surface water and sediments.
 - e. The concentration of uranium-234, uranium-235, uranium-238, thorium-230, thorium-232, radium-226, radium-228, cesium-137, plutonium-238, plutonium-239/240, strontium-90, technetium-99 and tritium (H₃), metals, and water quality and field parameters for groundwater.

SUBJECT: Formerly Utilized Sites Remedial Action Program (FUSRAP) Niagara Falls Storage Site Technical Memorandum – 2011 Environmental Surveillance Data Collection from December 2010 – December 2011

4. The memorandum provides a comparative analysis of local background conditions, including onsite upstream sampling locations, and regulatory criteria to results reported for external gamma radiation and for samples from the media investigated (including airborne radon gas, airborne particulates, surface waters, sediments, and groundwater). Consistent with the Corps' environmental operating principles, we are making this technical memorandum available to you at <http://www.lrb.usace.army.mil/Missions/HTRW/FUSRAP/NiagaraFallsStorageSite.aspx> on the Buffalo District website. This Web address also includes additional information about NFSS and the environmental surveillance program.

5. The point of contact for CELRB is either me at [REDACTED]
[REDACTED]

[REDACTED]
Environmental Project Management
Team Leader



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MEMORANDUM FOR Great Lakes and Ohio River Division, U.S. Army Corps of Engineers,
(ATTN: [REDACTED], CELRD-PDM-M), 550 Main Street, Room 10032, Cincinnati, OH
45202-3222

SUBJECT: Formerly Utilized Sites Remedial Action Program (FUSRAP) Niagara Falls Storage Site Technical Memorandum

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SUBJECT: Formerly Utilized Sites Remedial Action Program (FUSRAP) Niagara Falls Storage Site Technical Memorandum – 2011 Environmental Surveillance Data Collection from December 2010 – December 2011

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MEMORANDUM FOR Center of Expertise, U.S. Army Corps of Engineers, (ATTN: [REDACTED]), 1616 Capitol Ave, Omaha, NE 68102

SUBJECT: Formerly Utilized Sites Remedial Action Program (FUSRAP) Niagara Falls Storage Site Technical Memorandum

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[REDACTED]

[REDACTED]
Environmental Project Management
Team Leader



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SUBJECT: Formerly Utilized Sites Remedial Action Program (FUSRAP) Niagara Falls Storage Site Technical Memorandum

[REDACTED]
U.S. Department of Energy
Office of Legacy Management, LM-40
1000 Independence Avenue, SW
Washington, D.C. 20585-0002
[REDACTED]

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OFFICE: Special Projects Branch

-2-

SUBJECT: Formerly Utilized Sites Remedial Action Program (FUSRAP) Niagara Falls Storage Site Technical Memorandum – 2011 Environmental Surveillance Data Collection from December 2010 – December 2011

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If you have any questions or require any additional information regarding the NFSS environmental surveillance program, please contact me at [REDACTED]

Sincerely,

[REDACTED]

Environmental Project Management
Team Leader



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BUFFALO DISTRICT, CORPS OF ENGINEERS
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SUBJECT: Formerly Utilized Sites Remedial Action Program (FUSRAP) Niagara Falls Storage Site Technical Memorandum

[REDACTED]
United States Environmental Protection Agency
Region 2
Division of Environmental Planning and Protection
290 Broadway, 28th Floor
New York, NY 10007-1866

Dear [REDACTED]

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A copy of this letter is being furnished to Mr. Mike Basile, United States Environmental Protection Agency, Region 2, Western New York Public Information Office; and to [REDACTED] United States Environmental Protection Agency, Region 2, Health Physicist. If you have any questions or require any additional information regarding the NFSS environmental surveillance program, please contact me at [REDACTED] Project Engineer.

Sincerely,

[REDACTED]

Environmental Project Management
Team Leader



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BUFFALO DISTRICT, CORPS OF ENGINEERS
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[REDACTED], Bureau Director
Remedial Bureau A
New York State Department of Environmental Conservation
625 Broadway, 11th Floor
Albany, NY 12233-7015

Dear [REDACTED]

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A copy of this letter is being furnished to Mr. [REDACTED] Section Chief, and Mr. [REDACTED] both of Remedial Bureau A, Radiological Sites Section, New York State Department of Environmental Conservation; and to [REDACTED], Remedial Bureau E, Section B, New York State Department of Environmental Conservation. If you have any questions or require any additional information regarding the NFSS environmental surveillance program, please contact me at [REDACTED].

Sincerely,

[REDACTED]

Environmental Project Management
Team Leader



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Special Projects Branch

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SUBJECT: Formerly Utilized Sites Remedial Action Program (FUSRAP) Niagara Falls Storage Site Technical Memorandum

[REDACTED], Regional Director
New York State Department of Environmental Conservation
Region 9
270 Michigan Avenue
Buffalo, NY 14203-2915

Dear [REDACTED]:

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[REDACTED]

Environmental Project Management
Team Leader



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[REDACTED] MS, MPH, CHP
Chief, Environmental Radiation Section
New York State Department of Health
547 River Street, Room 530
Troy, NY 12180-2216

Dear [REDACTED]:

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[REDACTED]
New York State Department of Health
Western Regional Office
Project Manager
584 Delaware Avenue, 2nd Floor, Suite 201
Buffalo, NY 14202
[REDACTED]

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-2-

SUBJECT: Formerly Utilized Sites Remedial Action Program (FUSRAP) Niagara Falls Storage Site Technical Memorandum – 2011 Environmental Surveillance Data Collection from December 2010 – December 2011

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If you have any questions or require any additional information regarding the NFSS environmental surveillance program, please contact me at [REDACTED] Project Engineer.

Sincerely,

[REDACTED]

Environmental Project Management
Team Leader



DEPARTMENT OF THE ARMY

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

REPLY TO
ATTENTION OF

Special Projects Branch

DEC 13 2012

SUBJECT: Formerly Utilized Sites Remedial Action Program (FUSRAP) Niagara Falls Storage Site Technical Memorandum

[REDACTED]
Public Health Director
Niagara County Health Department
5467 Upper Mountain Road, Suite 100
Lockport, NY 14094-1899

Dear [REDACTED]:

The U.S. Army Corps of Engineers Buffalo District conducts an environmental surveillance program at the Niagara Falls Storage Site (NFSS) in support of our Formerly Utilized Sites Remedial Action Program (FUSRAP) mission to protect human health and the environment. The environmental surveillance program quantifies and evaluates radiological, chemical, and water quality data from the environment at the NFSS. Results of this program are published annually in the form of a technical memorandum.

The 2011 Niagara Falls Storage Site Environmental Surveillance Technical Memorandum indicates that the findings are consistent with the findings of prior year evaluations, demonstrating that site controls are continuing to perform as designed and the site is fully protective of human health and the environment.

To prepare the technical memorandum, the Corps' environmental surveillance team collected samples at the NFSS from December 2010 to December 2011. These samples were sent off site for laboratory analysis and the results were analyzed and documented by the technical team. The measured parameters include:

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OFFICE: Special Projects Branch

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A copy of this letter is being furnished to [REDACTED] of the Niagara County Health Department. If you have any questions or require any additional information regarding the NFSS environmental surveillance program, please contact me at [REDACTED].

Sincerely,

[REDACTED]

Environmental Project Management
Team Leader



DEPARTMENT OF THE ARMY

BUFFALO DISTRICT, CORPS OF ENGINEERS
1778 NIAGARA STREET
BUFFALO, NEW YORK 14207-3199

REPLY TO
ATTENTION OF

Special Projects Branch

DEC 13 2012

SUBJECT: Formerly Utilized Sites Remedial Action Program (FUSRAP) Niagara Falls Storage Site Technical Memorandum

[REDACTED]
CWM, Chemical Services, LLC.
1550 Balmer Road
Model City, NY 14107

Dear [REDACTED]

The U.S. Army Corps of Engineers Buffalo District conducts an environmental surveillance program at the Niagara Falls Storage Site (NFSS) in support of our Formerly Utilized Sites Remedial Action Program (FUSRAP) mission to protect human health and the environment. The environmental surveillance program quantifies and evaluates radiological, chemical, and water quality data from the environment at the NFSS. Results of this program are published annually in the form of a technical memorandum.

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If you have any questions or require any additional information regarding the NFSS environmental surveillance program, please contact me at [REDACTED], Project Engineer.

Sincerely,

[REDACTED]

Environmental Project Management
Team Leader



DEPARTMENT OF THE ARMY

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

REPLY TO
ATTENTION OF

Special Projects Branch

DEC 13 2012

SUBJECT: Formerly Utilized Sites Remedial Action Program (FUSRAP) Niagara Falls Storage Site Technical Memorandum

[REDACTED]
Vice President of Operations
Modern Disposal Company, WNY
4746 Model City Road
Model City, NY 14107

Dear [REDACTED]:

The U.S. Army Corps of Engineers Buffalo District conducts an environmental surveillance program at the Niagara Falls Storage Site (NFSS) in support of our Formerly Utilized Sites Remedial Action Program (FUSRAP) mission to protect human health and the environment. The environmental surveillance program quantifies and evaluates radiological, chemical, and water quality data from the environment at the NFSS. Results of this program are published annually in the form of a technical memorandum.

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OFFICE: Special Projects Branch -2-
SUBJECT: Formerly Utilized Sites Remedial Action Program (FUSRAP) Niagara Falls Storage
Site Technical Memorandum – 2011 Environmental Surveillance Data Collection from
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Sincerely,

[REDACTED]

Environmental Project Management
Team Leader



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DEPARTMENT OF THE ARMY

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

Special Projects Branch

DEC 13 2012

SUBJECT: Formerly Utilized Sites Remedial Action Program (FUSRAP) Niagara Falls Storage Site Technical Memorandum

[REDACTED] Director
Real Estate Department
Occidental
5005 LBJ Freeway
Dallas, TX 75244-6119

Dear [REDACTED]

The U.S. Army Corps of Engineers Buffalo District conducts an environmental surveillance program at the Niagara Falls Storage Site (NFSS) in support of our Formerly Utilized Sites Remedial Action Program (FUSRAP) mission to protect human health and the environment. The environmental surveillance program quantifies and evaluates radiological, chemical, and water quality data from the environment at the NFSS. Results of this program are published annually in the form of a technical memorandum.

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OFFICE: Special Projects Branch

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Sincerely,

[REDACTED]

Environmental Project Management
Team Leader



DEPARTMENT OF THE ARMY

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

REPLY TO
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Special Projects Branch

DEC 13 2012

SUBJECT: Formerly Utilized Sites Remedial Action Program (FUSRAP) Niagara Falls Storage Site Technical Memorandum

[REDACTED]
Real Estate Rights – NY West
National Grid
144 Kensington Avenue
Buffalo, NY 14214

Dear [REDACTED]:

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[REDACTED]

Environmental Project Management
Team Leader



DEPARTMENT OF THE ARMY

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

REPLY TO
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Special Projects Branch

DEC 13 2012

SUBJECT: Formerly Utilized Sites Remedial Action Program (FUSRAP) Niagara Falls Storage Site Technical Memorandum

[REDACTED]
Lewiston-Porter Central School District
4061 Creek Road
Youngstown, NY 14174
[REDACTED]

The U.S. Army Corps of Engineers Buffalo District conducts an environmental surveillance program at the Niagara Falls Storage Site (NFSS) in support of our Formerly Utilized Sites Remedial Action Program (FUSRAP) mission to protect human health and the environment. The environmental surveillance program quantifies and evaluates radiological, chemical, and water quality data from the environment at the NFSS. Results of this program are published annually in the form of a technical memorandum.

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A copy of this letter is being furnished to Ms. Jodee Riordan, President, Lewiston-Porter Central School Board of Education; Tim Webster, Esq., Webster Szanyi, LLP; and to Dr. Joe Gardella, Jr., SUNY Buffalo, Department of Chemistry. If you have any questions or require any additional information regarding the NFSS environmental surveillance program, please contact me at [REDACTED] Project Engineer.

Sincerely,

[REDACTED]

Environmental Project Management
Team Leader