DEPARTMENT OF THE ARMY

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

Special Projects Branch

FEB 1-0 2016

SUBJECT: Formerly Utilized Sites Remedial Action Program Niagara Falls Storage Site–2014 Environmental Surveillance Technical Memorandum

, PMP

Federal Project Director
U.S. DOE, Office of Legacy Management
99 Research Park Road
Morgantown, WV 26505

Dear :

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If you have any questions or require any additional information regarding the NFSS ESP, please contact me at,

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DEPARTMENT OF THE ARMY

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

Special Projects Branch

FEB 1-0 2016

SUBJECT: Formerly Utilized Sites Remedial Action Program Niagara Falls Storage Site—2014 Environmental Surveillance Technical Memorandum

USEPA Region 2
Division of Environmental Planning and Protection 290 Broadway, 25th Floor
New York, NY 10007-1866

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We are furnishing a copy of this letter to Radon and Indoor Air Coordinator, to Radon and Indoor Air Health Physicist, and to Radon and Indoor Air questions or require any additional information regarding the NFSS ESP, please contact me at,

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DEPARTMENT OF THE ARMY

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

FEB 1-0 2016

Special Projects Branch

SUBJECT: Formerly Utilized Sites Remedial Action Program Niagara Falls Storage Site–2014 Environmental Surveillance Technical Memorandum

, Bureau Director Remedial Bureau A Division of Environmental Remediation NYSDEC 625 Broadway, 12th Floor Albany, NY 12233-7015

Dear :

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DEPARTMENT OF THE ARMY

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

FEB 1 0 2016

Special Projects Branch

SUBJECT: Formerly Utilized Sites Remedial Action Program Niagara Falls Storage Site—2014 Environmental Surveillance Technical Memorandum

NYSDEC, Region 9 270 Michigan Avenue Buffalo, NY 14203-2915

Dear :

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Sincerely,

DEPARTMENT OF THE ARMY

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

Special Projects Branch

FEB 1 0 2016

SUBJECT: Formerly Utilized Sites Remedial Action Program Niagara Falls Storage Site–2014 Environmental Surveillance Technical Memorandum

CHP, director
Bureau of Environmental Radiation Protection
NYS Department of Health
Empire State Plaza
Corning Tower, 12th Floor
Albany, NY 12237

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FEB 1 0 2016

SUBJECT: Formerly Utilized Sites Remedial Action Program Niagara Falls Storage Site—2014 Environmental Surveillance Technical Memorandum

Public Health Specialist III
New York State Department of Health
Bureau of Environmental Exposure Investigation
584 Delaware Avenue
Second Floor, Suite 201
Buffalo, NY 14202

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SUBJECT: Formerly Utilized Sites Remedial Action Program Niagara Falls Storage Site–2014 Environmental Surveillance Technical Memorandum

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

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CWM Chemical Services, LLC 1550 Balmer Road Model City, NY 14107

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

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Plant Manager Occidental Chemical P.O. Box 344 Niagara Falls, NY 14302

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We are furnishing a copy of this letter to Mr. Dave Wilde, Technical Manager, and to Mr. Frank Cefalu, HESS Manager. If you have any questions or require any additional information regarding the NFSS ESP, please contact me at,

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DEPARTMENT OF THE ARMY

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

Special Projects Branch

FEB 1:0 2016

SUBJECT: Formerly Utilized Sites Remedial Action Program Niagara Falls Storage Site–2014 Environmental Surveillance Technical Memorandum

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

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The findings presented in the 2014 Niagara Falls Storage Site Environmental Surveillance Technical Memorandum are consistent with those of prior years, demonstrating that site controls are continuing to perform as designed, and the site is fully protective of human health and the environment. Consistent with the Corps' environmental operating principles, we are making this technical memorandum available to you at

http://www.lrb.army.mil/Missions/HTRW/FUSRAP/NiagaraFallsStorageSite.aspx on the Buffalo District website. This Web address also includes additional information about NFSS and the ESP.

If you have any questions or require any additional information regarding the NFSS ESP, please contact me at,

Sincerely,

DEPARTMENT OF THE ARMY

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

Special Projects Branch

FEB 1-0 2016

SUBJECT: Formerly Utilized Sites Remedial Action Program Niagara Falls Storage Site–2014 Environmental Surveillance Technical Memorandum

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

Dear

The U.S. Army Corps of Engineers Buffalo District conducts an environmental surveillance program (ESP) 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 ESP quantifies and evaluates radiological, chemical, and water quality data from the environment at the NFSS. The Corps of Engineers publishes the results of this program annually in the form of a technical memorandum.

The ESP has been designed to achieve the following objectives:

- To ensure protection of human health and the environment.
- To verify that the Interim Waste Containment Structure (IWCS) is performing as designed.

- Annual radon-222 monitoring through the placement of 183 radon flux canisters on the IWCS protective cap and at background locations.
- Semiannual radon monitoring through the placement of detectors at 26 locations around the IWCS, on the site perimeter, and off site.
- Semiannual external gamma radiation monitoring through the placement of detectors at 26 locations around the IWCS, on the site perimeter, and off site.
- Semiannual surface water and sediment sampling at a total of nine points along the West Drainage Ditch, Central Drainage Ditch, and east (upstream) of the Central Drainage Ditch; one location in the Central Drainage Ditch is sampled on a quarterly basis.

- Semiannual groundwater monitoring of 55 monitoring wells for radionuclides, anions, and water quality parameters; five of these wells are also monitored for volatile organic compounds; two wells are sampled on a quarterly basis.
- Quarterly water level measurements from over 100 monitoring wells throughout the site to monitor the groundwater flow directions in the upper and lower water-bearing zones.

In addition to the collection and analysis of environmental samples, the ESP includes the calculation of dose to off-site receptors from airborne emissions of site soils using annual weather data collected at the Niagara Falls International Airport by the National Weather Service. The dose to off-site receptors based on gamma radiation measurements is also calculated and summed with the airborne emissions dose to determine the cumulative dose to the public from the NFSS.

The findings presented in the 2014 Niagara Falls Storage Site Environmental Surveillance Technical Memorandum are consistent with those of prior years, demonstrating that site controls are continuing to perform as designed, and the site is fully protective of human health and the environment. Consistent with the Corps' environmental operating principles, we are making this technical memorandum available to you at

http://www.lrb.army.mil/Missions/HTRW/FUSRAP/NiagaraFallsStorageSite.aspx on the Buffalo District website. This Web address also includes additional information about NFSS and the ESP.

We are furnishing a copy of this letter to President, Lewiston-Porter Central School, to SUNY Buffalo, Department of Chemistry. If you have any questions or require any additional information regarding the NFSS ESP, please contact me at,

Sincerely,