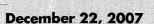


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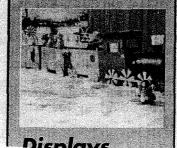
He's Almost Here ...

page 3



Goog Neighbor

page 6



Tops-NFP Coloring Contest

Army Corps releases detailed study of NFSS

by Terry Duffy

Holidays!

ernment - of the potential human Energy Commission. health risks and ecological risks The property consists of a 10-Porter Creek Road campus.

the nature and extent of radiologition property. cal and chemical contamination.

in the middle of what was once the NFSS today remains secretive, Ordnance Works site in north-

ern Lewiston and Porter that The U.S. Army Corps of Engi- was operated by the Manhattan neers this week released the find- Engineer District, the off-limits ings of its long-awaited "Remedial" and highly secretive NFSS stands Investigation Report for the Niag- today as the last remaining parcel ara Falls Storage Site," one which still under government owneroffers a comprehensive assess- ship, that was formerly controlled ment - in the eyes of the U.S. gov- by the World War II-era Atomic

to the community from the envi- acre Interim Waste Containment ronmental contamination at the Structure on its west end, a der-191-acre site, which sits roughly elict-looking, four-story former 1-1/4 mile east of the Lewiston- steam energy plant fronted by cement silos in its center, vari-It's "the first major technical ous other small buildings still product of an extensive, eight- occupied by Corps technicians year, \$24 million investigation of scattered about, and foundathe site," reported the Corps Bill tions of demolished buildings Kowaleski, project manager, who plus various tracts of overgrown said the report details three phas- wooded property to the north out es of field testing and laboratory to CWM Chemical Services, and analysis done to determine both east towards Modern Corpora-

Off Limits

Located on Pletcher Road, right Best described as eerie-looking. massive 7,500 acre Lake Ontario with varying amounts of above SEE INVESTIGATIONS, on page 2

Greenway Commission reviewing projects



Niagara River Greenway Commissioner his hard work by New York State Parks W center, and Robert Kresse, commission cha Tongwanda supervisor, resigned his post

by Joshua Maloni

Eleven projects, valued cumulatively at more than \$13 million, the have been submitted for Niagara C River Greenway Commission ap- B proval in the first round of concert

200-1e

NFSS 08.08 0613 a

Investigation finds both radiological, chemical contamination

continued from cover

tion as well as chemical contamination found throughout the property. Off limits to the public, those who do get access to visit - this writer has been inside NFSS twice - generally are restricted to viewing the property from inside vehicles or government concerns of radioactive and chemical contamination still found on the property.

waterways.

able amount of contamination both public, says Kowalewski, mainly cessibility of the site. "There are currently no imminent hazards to

background radioactive contamina- or chemical contamination within the Niagara Falls Storage Site, or to a member of the public outside the with proper site maintenance. site," he said.

> But that's not to say NFSS still doesn't have its problems either.

The IWCS

One area of the Corps study standing on paved areas, due to the - and still one of concern - focused Structure. Constructed by the fed-Kowalski reported the Corps Re- a Department of Energy waste conmedial Investigation Report had its solidation effort under its Formerly focus on the following: an analysis Utilized Defense Sites program, the of the actual contamination: an eval- IWCS was constructed in a baseuation on the scope of groundwater ment of what was formerly Buildcontamination and risk of migra- ing 403, a massive building measurtion to outside areas, and an overall ing 200 feet by 180 feet in size that risk assessment both to humans was located on the southwest cornance program is continued to preand the environment in northern ner of NFSS. It contains more than Niagara County and neighboring 250,000 cubic yards of radioactive Kowalewski said. contaminants, including one of the So what's the assessment thus highest concentrations of K-65 (Rafound that radionuclides at NFSS far? In a nutshell, still a consider- dium-226) found in the entire U.S.

Bill Boeck, a member of the radioactive as well as chemical, LOOW Residents Advisory Board due to the remoteness and inac- today holds the radioactive equivalent of 2 billion smoke detectors, or ance limits. half of all the known Radium-226 in this country.

> IWCS, when first built, was designed to retard radon emissions as well as infiltration from precipitation and migration of contaminants to groundwater. Kowaleski said recent studies determined the IWCS. a highly cordoned-off cell that sees routine maintenance performed on its clay cap by the Corps, could safely contain emissions, both through its cap as well as on its sides. Its shelf life was estimated by

from 25 to 50 years from the time of construction, or from 2011 to 2035

Could Hold for 200 Years

And recent Army Corps findings, through simulated models of groundwater flow, indicate the cell could "adequately mitigate offsite containment migration for 200 on the Interim Waste Containment years, provided it is maintained to prevent erosion of the clay cap and eral government in 1981 as part of the IWCS cap retains its current levels of flow-inhibiting character-

> containment migration for 200 years, as long as the site maintevent degradation of the clay cap,"

Other contamination analyses were found to significantly exceed background, with the highest for surface soils being Radium-226. but not one that's viewed as being RAB Radiological Committee, in re- Thorium 230. Uranium-238, and a pressing danger to the general marks this past fall at a LOOW in- Cesium-137 having the greatest formational session, said the IWCS frequency of detection as well as exceeding background upper toler-

> And as far as radiological contamination of sediments and groundwa-In its report the Corps said the ter at NFSS, both exhibited upper tolerance limits exceeding background, primarily in ditches, the LOOW activities, but not exceedreport said. However these were found to be limited to certain points cal findings at CWM were not in- Corps intends to further explain its of the year due to precipitation.

Other Findings

on both surface and subsurface tiple uses with different operators soils at NFSS, although in lesser over past decades, the Corps study tion, contact Arleen Kreusch at quantities and magnitudes than the stated, "The USACE will need to 879-4438. radionuclides. The volatile organic evaluate this situation and make a

safety or health from radiological a 1995 DOE study to be anywhere compounds included chlorinated decision on the appropriate agency solvents, benzene, toluene, methy-response with regard to (a) potenlene chloride, carbon disulfide, and tially responsible party liability." 2-butanone. Also found were PCBs. pesticides, polycyclic aromatic hydrocarbons and various metals found in localized areas of the rent and former, now-demolished LOOW buildings.

> throughout the NFSS site in the ganics, PAHs and PCBs.

And the Corps study found contamination on a National Grid rightof-way located just west of the NFSS nearby revealed that both the rasite in wooded areas. Contaminants include above background radiation - Radium-226 and Thorium-230 - but very little chemical contami-diation response. The outcome of

groundwater contaminations, with elevated levels of uranium detected in groundwater at Modern near a railroad track formerly used in ing contaminant levels. Radiologicluded. however the Corps report findings via a variety of community did find chemical contamination at The Corps report found that CWM on lands straddling NFSS. chemical contamination was found Noting the CWM property's mul-

Health Risks

As far as health risks, be they radiological or chemical, to on-site workers, as well as trespassers to site, particularly around both cur- the NFSS or adjoining areas, the Corps said they vary, with the main consideration being the amount In addition contaminants were of time an individual is exposed. also found in the vast systems of While it said, "There remains no pipes, floor drains and subsurface imminent threat to the public from utilities that were constructed the radioactive residues and wastes stored at the site or from contami-"Transport simulations indicate 1940s by the U.S. War Depart-nated soils or groundwater on the the Interim Waste Containment ment for a TNT manufacturing site," the report continued, "... the Structure will adequately mitigate plant – one of the first activities at baseline human health risk assessthe LOOW site before Manhattan ment model indicates there are Project activities. Included were potential long-term ... risks to perradionuclides, metals such as lead, sons who are on site and exposed boron, cadmium and mercury, or- to chemical and radiological contamination."

> Studies of risk assessments to ecological areas on NFSS and diological as well as chemical contaminations, while present, are not sufficient enough to trigger a remethis assessment is a recommenda-Both the CWM and Modern tion of no further action for the relproperties were evaluated for atively few habitats, vegetation and wildlife at NFSS," the report said.

The Corps said that copies of this detailed report are available at the Lewiston Public Library, 305 South Eight St., and the Youngstown Free Library, 240 Lockport St. The outreach projects and public information sessions, with the first expected in March 2008.

For additional specific informa-