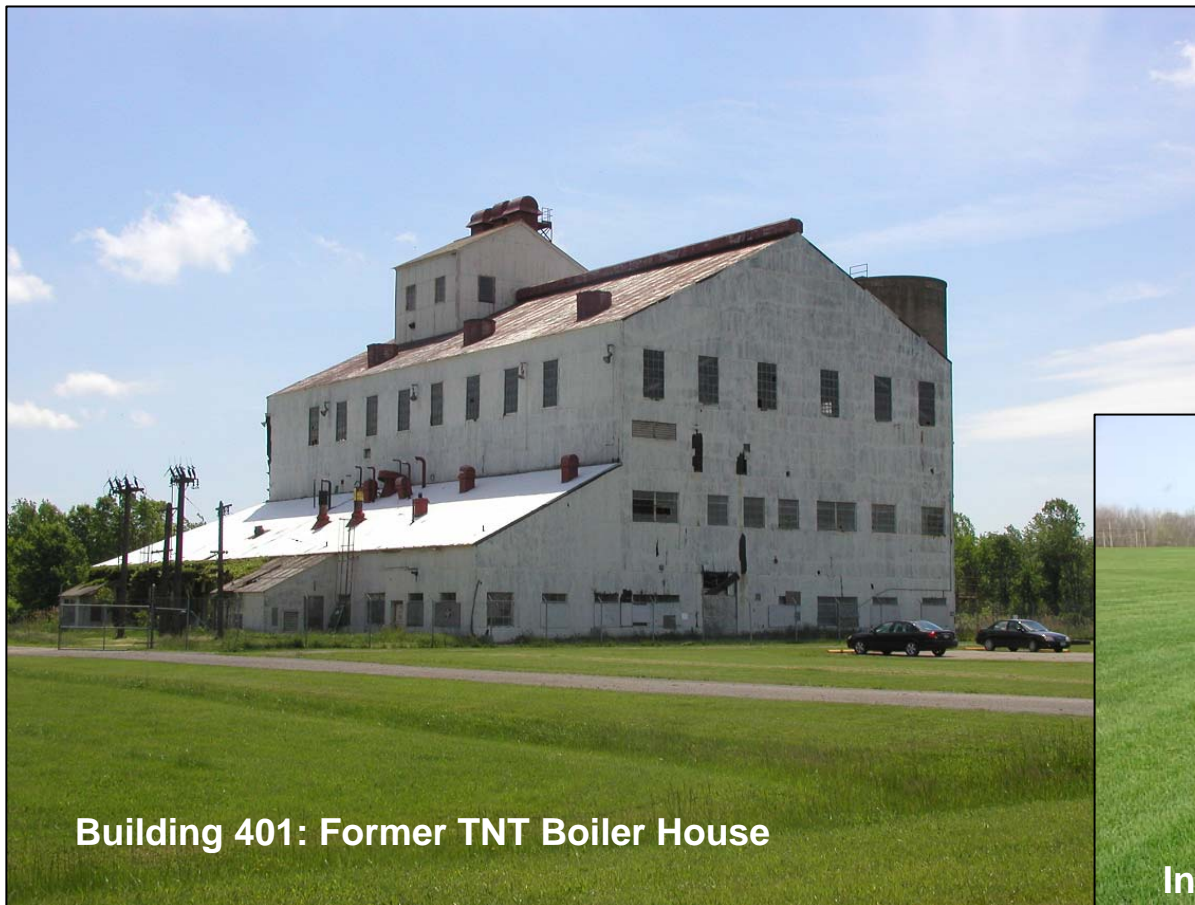




US Army Corps of Engineers Buffalo District



Visitor's Site Safety and Health Briefing FUSRAP Niagara Falls Storage Site (NFSS)



Building 401: Former TNT Boiler House

Presented by:
Dennis Rimer
NFSS Site
Superintendent



Interim Waste Containment Structure



PURPOSE OF SITE SAFETY AND HEALTH BRIEF

To provide visitors with an initial Health & Safety Briefing prior to entering a Hazardous, Toxic and Radiological Waste (HTRW) and Ordinance and Explosive Waste (OEW) Controlled Site, located in the Buffalo District, or when USACE Personnel have the requirement to escort an individual on-site for pre-work planning operations. This Health and Safety Briefing does not take the place of a complete Site-Specific Health & Safety Plan & Site Specific Training , or other contractor required Health & Safety mandates.

REFERENCES: EM 385-1-1, USACE H&S Requirements Manual
ER 385-1-92 Appendix B, H&S For HTRW-OEW Documents
29 CFR 1910.120, HAZWOPER
10 CFR 20, Standards for Protection Against Radiation



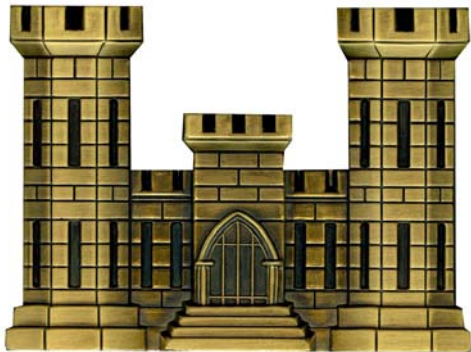


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BUFFALO DISTRICT POINT's OF CONTACT:

- LOOW/NFSS Program Manager...Bill Kowalewski ph: 716-879-4418
- NFSS O&M Project Manager..... Duane Lenhardt ph: 716-879-4419
- NFSS RI/FS Project Manager.....Linda Houston ph: 716-879-4395
- Site Superintendent:.....Dennis Rimer ph: 716-879-4444 cell: 716-912-5833
- Construction Rep:.....Ryan Lenihan ph: 716-879-4397
- Industrial Hygienist.....Roseanne Weidner ph: 716-879-4197
- Health Physicist:.....Shawn Andrews cell: 716-310-2677
- Allan Smallwood Co./Bldg-429.....Neil & Larry ph: 716-754-4442; cell: 716-480-0911



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ACCESS PROCEDURES & RESTRICTIONS

- USACE employees having the requirement to do field work, will coordinate with district IH & HP Staff to determine if an Radiation Work Permit/Hazardous Work Permit is required
- All site work will be pre-coordinated with the Site Superintendent and Con-ops Rep
- The “BUDDY SYSTEM” will be used at all times
- **Visitors will stay out of “RESTRICTED-POSTED” Areas**
- If required, Escorts will Sign-In/Escort Visitors using Radiological/Hazardous Work Permits
- **Visitors are not permitted access to any buildings or sheds with the exception of Bldg-429**
- **Visitors are not allowed access to any portion of the bermed area within the Waste Containment Structure without Government escort**
- **Escorts will review Site Maps with Visitors as part of this briefing, to include “EXCLUSION ZONES-RESTRICTED AREAS”.**
- **Soils WILL NOT be disturbed without the approval and presence of a Health Physicist.**
- **Vehicles will remain on hard surfaces at all times.**
- * NOTE: USACE-IH/HP Staff Personnel will determine if **unescorted** entry is authorized *



PHYSICAL HAZARDS AT NFSS

- Potential **Slip, Trip and Fall Hazards** exist in the form of; Uneven Grades, Ditches, Culverts, Animal Burrow Holes, and from muddy-slick-ice surfaces, etc.
- Personnel shall exercise caution when walking on site grounds and attempt to stay on paved/even surfaces when possible
- Outdoor Lighting is very limited – Night Time Operations ARE Prohibited
- Smoking is allowed ONLY in the “Designated Area” in front of Building 429





BIOLOGICAL HAZARDS AT NFSS

- Site Visitors are required to advise the USACE Representative of any potential for a severe **allergic reaction** of which they may be aware of – PRIOR to site entry. Some of these Potential Hazards & Reactions may include:
- **Stings from Bees & Wasp**
- **Bites from Ticks, Mosquito's, Bugs, etc.**
- **Poison Ivy or Poison Oak, etc.**
- *Wear of Tyvek Coveralls is suggested during entry into wooded areas*



Common Wasp



Female Deer Tick



Poison Ivy

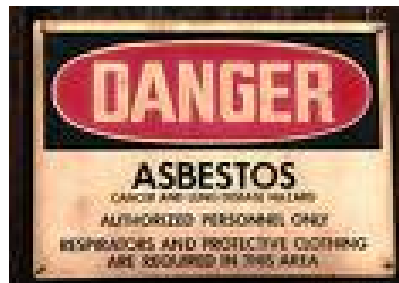


Poison Oak

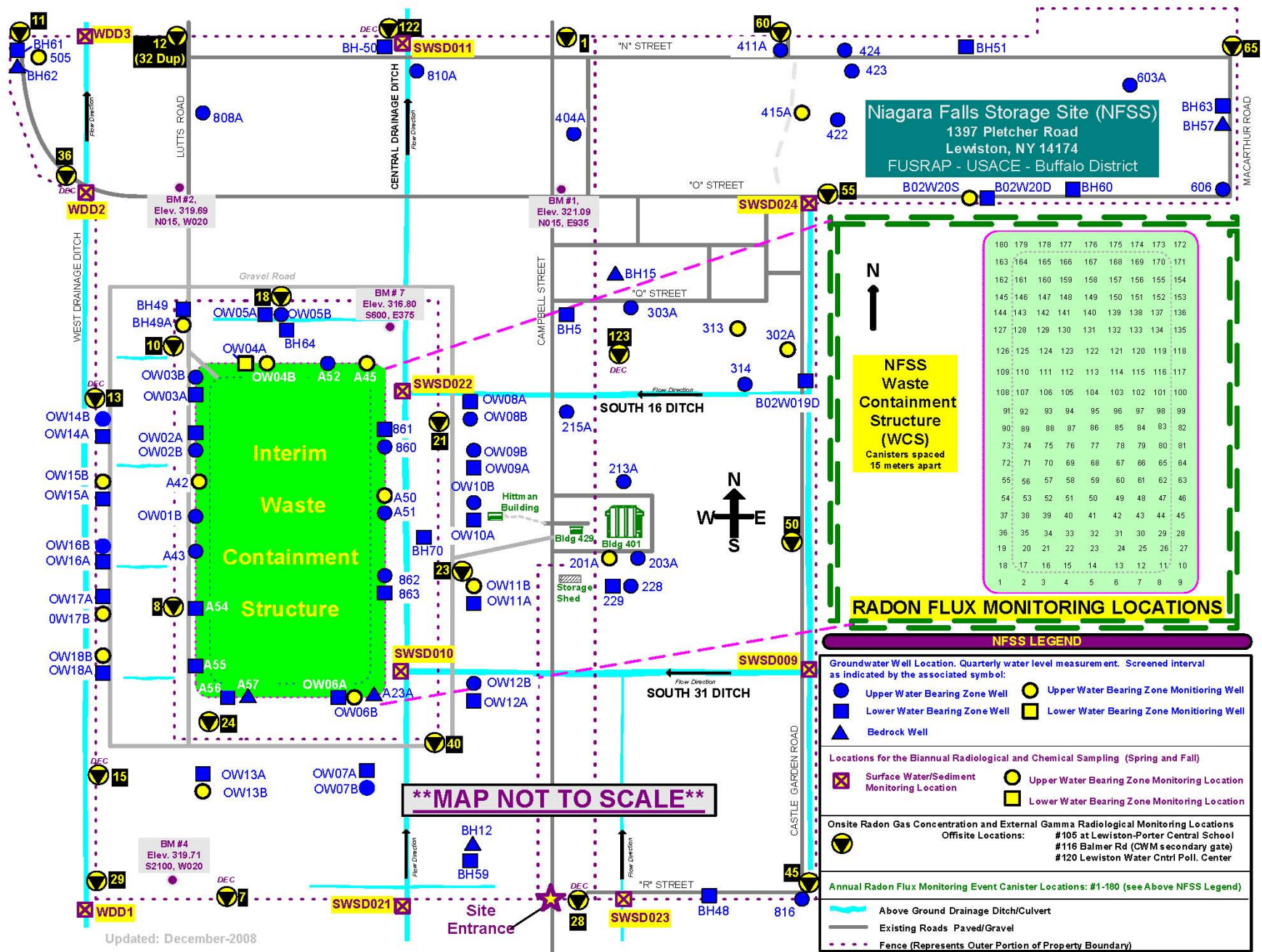


RADIOLOGICAL & ASBESTOS HAZARDS AT NFSS

- Site access restrictions preclude the possibility of visitors encountering any known radiological/asbestos hazards at the NFSS. **All Site Work will be pre-coordinated with the District IH & HP Staff.** Known site radiological/asbestos hazards are as follows:
- **Rad & Asbestos: Inside Bldg-401.. Mandatory use of Level “D” PPE and issue of RWP/HWP**
- **RAD:** Surface and sub-surface soils in various locations around the site including, but not limited to, the immediate vicinity of Bldg-401, sub-surface soils within the capped Waste Containment Structure, the parking lot to the right when entering the site, and immediately adjacent to some roadways.
- **RAD:** Any “POSTED” Radioactive Material Storage Areas, Contamination Areas, etc..



NFSS Site Map

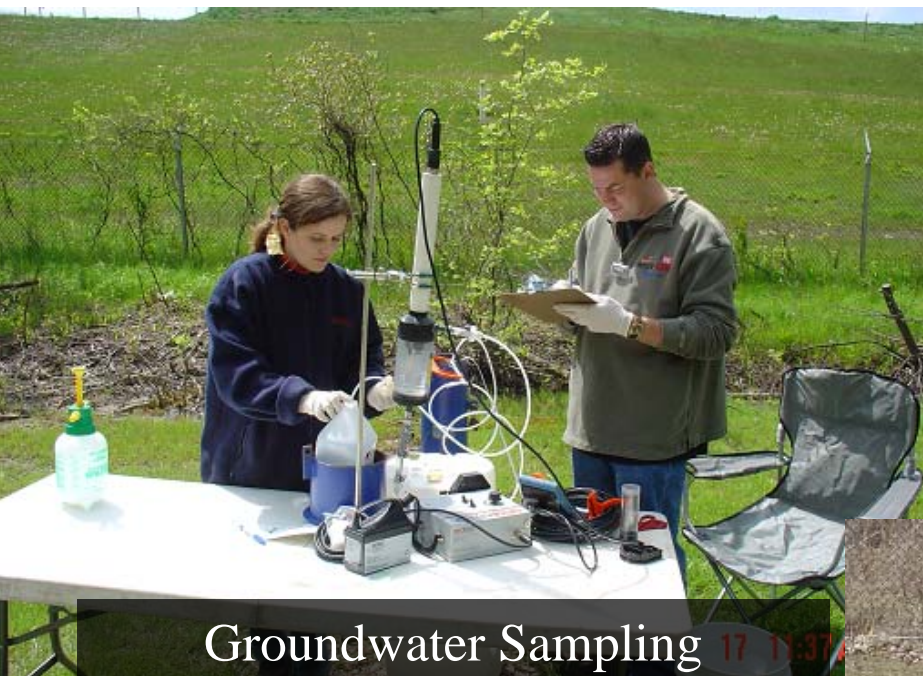




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ENVIRONMENTAL MONITORING AT NFSS



Groundwater Sampling 17 11:37



External Gamma Radiation (left)
and Radon (right) Monitors



Water Levels



Monitor Exchange w/ NYSDEC

Surface Water/Sediment Sampling



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OPERATIONS AND MAINTENANCE AT NFSS

Rolling and Aerating the IWCS Cap



Irrigation of the IWCS Cap



Routine
Operations &
Maintenance
Activities



Bobcat w/ attachments

BUILDING STRONGSM

Grading Work using Bobcat



EMERGENCY RESPONSE

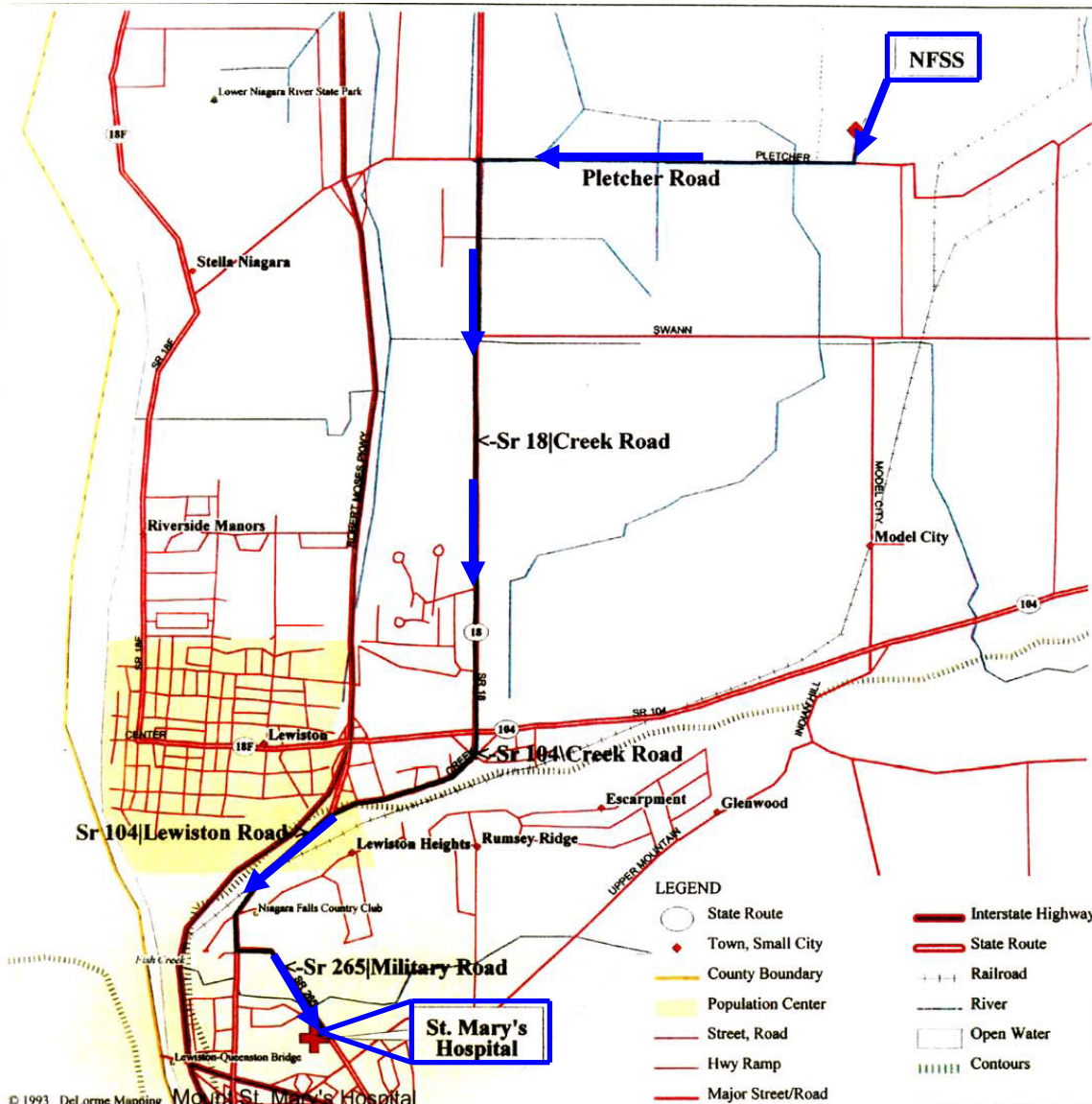
- Emergency Assistance for Police, Fire, Medical, etc. can be obtained by contacting the LOOW/NFSS Program Manager, O&M Project Manager, Visitor Escort, or by using the MAIN SITE PHONE located in Building-429. For MINOR 1st Aid Emergencies, the closest medical facility is Mt. St. Mary's Hospital, Located at 5300 Military Rd, Lewiston, NY. ALL Site Related Emergencies MUST BE REPORTED TO THE USACE Program Manager.

* Any unescorted work crews will have a cell-phone available at all times

AGENCY	EMERGENCY #	NON-EMERGENCY #
• Police/N-C Sheriff.....	911.....	716-438-3393
• Fire/Lewiston #1.....	911.....	716-754-4487
• Mount Saint Mary's Hosp.....	n/a.....	716-297-4800
• WNY Poison Control.....	1-800-888-7655.....	n/a.....
• CHEMTREC.....	1-800-424-9300.....	n/a.....
• USACE-Emergency Mgmt.....	716-879-0395.....	716-879-4157



US Army Corps of Engineers Buffalo District



Mount Saint Mary's Hospital

5300 Military Road

Lewiston, NY 14092 Phone (716-297-4800)

Directions from NFSS Main Gate:

1. Turn right onto Pletcher Road
2. Turn Left onto Route 18 South (Creek Rd)
3. Stay on Route 18 South / turns into Route 104
4. Turn left at traffic light into Route 256 (Military Road)
5. Hospital is about ½ mile on right



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Questions?