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Excavation Work Plan

1.1 Notification

At least 15 days prior to the start of any activity that is reasonably anticipated to encounter remaining contamination, the site owner or NW Contracting will notify the Department. Currently, this notification will be made to

NYSDEC

Region 9

700 Delaware Avenue

Buffalo, New York 14209

Megan.Kuczka@dec.ny.gov

and

Colin Wasteneys, PG

Colin.wasteneys@aecom.com

Building foundation demo is currently scheduled to start on 8/12/24. See attached schedule for more information.

1.2 Summary of Work

Wyoming County is looking to expand their existing fire training center. The project involves demolition of the existing fireman training center truck bays to make room for the new building addition. Attached is an areal map that details the work to be performed. After demolition of the existing building, excavation for the new building will commence. This intrusive work will require excavation with special controls (see Attachment 1). The County of Wyoming Fire Training Center Restoration Project is taking place within the boundaries of a NYS Inactive Hazardous Waste Site (Site Code #V-006049; "Site"). The Site is classified as "C" ("Closed"); fully remediated under the NYS Voluntary Cleanup Program. As such, none of the planned work will impact engineering controls. See Figure 2

1.3 Summary of Environmental Conditions

Currently, based on historical analytical data and site history, the area within the site boundary for the restoration and expansion of the Fire Training Center is not in an area of known contamination. However, the site remains subject to a Site Management Plan ("SMP") dated June 2011, and amended April 2022.

All work performed will follow this site-specific Excavation Work Plan (EWP). Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in a Site Specific Safety Plan (SSSP) and Community Air Monitoring Plan (CAMP) prepared for the site. A SSSP is attached as Appendix A to this EWP that is in current compliance with DER-10, and 29 CFR

1910, 29 CFR 1926, and all other applicable Federal, State and local regulations. Any intrusive construction work will be performed in compliance with the EWP, SSSP and CAMP.

As soon as any contamination is indicated by visual, olfactory, or instrument-based soil screening, all work will immediately stop and the appropriate parties (i.e., the owner/Construction Manager, AECOM, NYSDEC) will be notified. Although, there is no known contamination in the proposed work area based on historical data, the potential contaminants based on site history include:

1,1,1-Trichloroethane	Benzene
1,1-Dichloroethane	Toluene
1,2-Dichloroethene (cis)	Ethylbenzene
Tetrachloroethene	Xylene
Trichloroethene	PFAS compounds including PFOA and PFOS
Vinyl chloride	

Once excavations are complete to the extents required by the contract, NW Contracting's QEP will determine the excavations are free of contaminants. Only when the QEP makes that determination will other trades (i.e., general trades, mechanical, electrical, plumbing) be allowed to perform work in the excavated areas.

1.4 Schedule

A detailed schedule of the work milestones and phases can be obtained from Campus Construction. A preliminary schedule is attached. In general, work will begin for this project on August 12, 2024. See Figure 3

1.5 Major Components

As described in the environmental conditions, based on historical analytical data and site history, the area within the site boundary for the restoration and expansion of the Fire Training Center is **not** in an area of known contamination. Contamination is not anticipated in the proposed work areas. If concentration levels of contaminants of concern, potential presence of grossly contaminated media, or odors are discovered when excavating, the DEC and supporting parties will be notified immediately.

Disposal

The ultimate disposal location will be determined following evaluation of analytical results. Asphalt millings will be live loaded and transported off site for re-use. A local farmer and homeowner have both expressed interest in the material to construct light-duty pavement roadways, locations will be documented. Excess / contaminated soil will go to a DEC approved part 364 solid waste landfill, some are Waste Management Chaffee, Mill Seat, and or High Acres.

Backfill Materials

Existing native topsoil will be stripped and stockpiled appropriately per EWP. Stockpiled topsoil will be tested per DER-10 and PFAS guidance. DEC will review topsoil results and approve / disapprove. If native topsoil cannot be re-used an alternative source will be submitted to DEC for approval. All other backfill materials will be stone, supplied by The Dolomite Group. A submittal and Virgin material certificate has been provided to Campus Construction for approval. Attached is the DEC import use form for these materials.

No material will be imported unless proper testing has been completed,and approved by DEC.

Soil Screening Methods

Visual, olfactory and instrument-based soil screening will be performed at **ALL** times by NWC during excavating. NW Contracting's QEP will use a Mini Rae 3000 PID and a RAE 11.7 eV PID Lamp, to screen soils during excavation. Soil screening will be performed at all times during excavation to check for contamination, such as excavations for foundations and utility work. If the PID detects any contamination above 1 PPM, that soil will be segregated and covered. The materials that require off-site disposal, material that require testing, and material that can be re-used will be stockpiled and segregated accordingly. NWC will work with the facility and construction manager to find the appropriate stockpile locations on-site.

Stockpile Methods

Excavated soils will be segregated based on previous environmental data and PID screening results. All excavated soil will be segregated and stockpiled on site until testing results show the soil is clean. Soil stockpiles will be continuously encircled with silt fence. Inlet protection devices will be used as needed near catch basins, surface waters and other discharge points. Stockpiles will always be covered with 6 mil Poly unless testing results show the pile is clean. Stockpiles will be routinely inspected and damaged plastic will be promptly replaced. Stockpiles will be inspected at a minimum once each week and after every storm event. Rochester Earth or the QEP will make sure these stockpiles always comply with the site SWPPP requirements. All stockpiled soils will be tested in accordance with NYS DEC DER-10 / PFAS testing requirements.

Materials Excavation and Load Out

NWC's QEP will be on site and oversee all intrusive excavation work and the excavation and load-out of all contaminated excavated materials. The owner of the property and its contractors are solely responsible for safe execution of all invasive and other work performed under this Plan. The presence of utilities and easements on the site will be marked by a third-party private locator hired by Rochester Earth. Rochester Earth will also call 811 DIG Safe and clear the excavation work area. Brice Reed Or Dale Gramza, (from NW Contracting) will be the QEP / competent person(s) on site. They will oversee the excavation and classify soil types. No excavation will be greater than 4' deep. A truck wash will need to be operated on-site if truck wheels are in contact with contaminated materials. If applicable, the QEP will be responsible for ensuring that all outbound trucks will be washed at the truck wash before leaving

the site until the activities performed under this section are complete. Locations where vehicles enter or exit the site shall be inspected daily for evidence of off-site soil tracking. The owner of the property and its contractors are solely responsible for safe execution of all invasive and other work performed under this Plan. The QEP or Rochester Earth's site foreman will be responsible for ensuring an implementing dust suppression of the site. Water trucks or water hoses will be used to mitigate the dust as needed.

Materials Transport Off-Site

All transport of materials will be performed by licensed haulers in accordance with appropriate local, State, and Federal regulations, including 6 NYCRR Part 364. Haulers will be appropriately licensed and trucks properly placarded. Material transported by trucks exiting the site will be secured with tight-fitting covers. Loose-fitting canvas-type truck covers will be prohibited. If loads contain wet material capable of producing free liquid, truck liners will be used. Trucks will be prohibited from stopping and idling in the neighborhood outside the project site. Egress points for truck and equipment transport from the site will be kept clean of dirt and other materials during site remediation and development. Queuing of trucks will be performed on-site to minimize off-site disturbance. Off-site queuing will be prohibited.

Materials Disposal Off-Site

The ultimate disposal location will be determined following evaluation of analytical results. Asphalt millings will be live loaded and transported off site for re-use. A local farmer and homeowner have both expressed interest in the material to construct light-duty pavement roadways, locations and addresses will be documented. Excess / contaminated soil will go to a DEC approved part 364 solid waste landfill, some are Waste Management Chaffee, Mill Seat, and or High Acres. Any existing subbase material that gets excavated will not be re-used as fill. Once excavated, the subbase will be stockpiled with the rest of the excavated soils for disposal off site.

Once the excavated / stockpiled surplus material testing results come back, off-site disposal locations for excavated soils will be identified. The off-site disposal locations for the class of materials will be emailed to NYS DEC and Campus Construction for approval. This will include estimated quantities and a breakdown by class of disposal facility if appropriate, i.e. hazardous waste disposal facility, solid waste landfill, petroleum treatment facility, C/D recycling facility, etc. Actual disposal quantities, trucking logs, receipts, and associated documentations will be provided to the NYSDEC and Campus Construction for contract close-out. Documentation will include waste profiles, test results, facility acceptance letters, manifests, bills of lading and disposal facility receipts.

Dewatering Management

At this time (summer 2024), it is not anticipated that we will encounter ground water at the site while excavating. The maximum excavation depth for the new building foundation is 4' deep. Site history from the SMP indicates that we are working above the water tables as shown below. History also indicates the work area *should* be clean / uncontaminated soil. Should groundwater, rainwater or runoff water accumulate in the excavation, it will be pumped out using a 2" electric pump and stored in a frac tank on-site. The water will be tested per DER-10 guidance. If the water meets DEC guidance it will be discharged on-site...pending DEC approval. If the water is contaminated, will use a vacumn tanker and transport the water to an approved treatment facility in accordance with applicable local, State, and Federal regulations.

In accordance with the SMP, use of well water for drinking water purposes is prohibited at the WCFTC

See figure 1.

Monitoring & Reporting

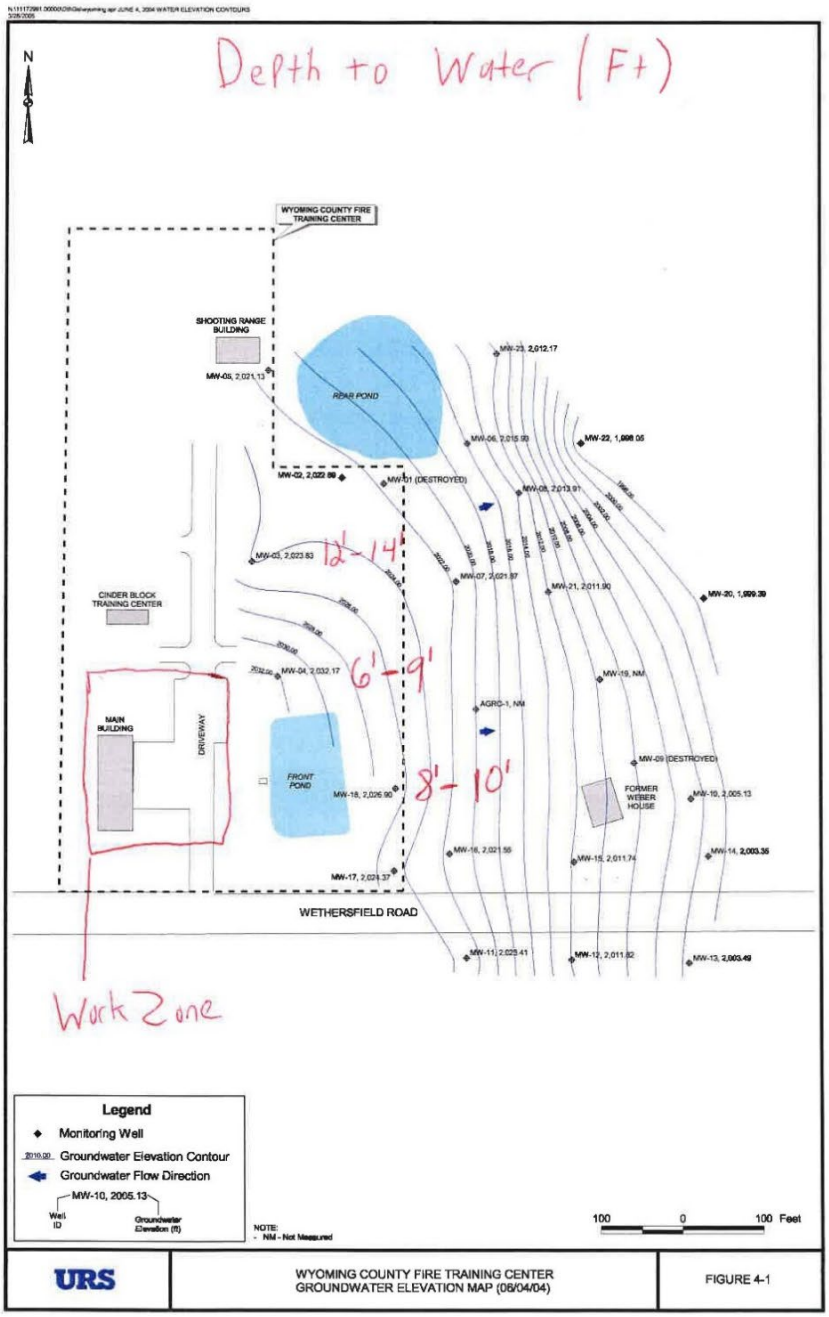
Forms and any other information generated during construction will be turned over to Campus Construction for their records. All forms and other relevant reporting formats used during the monitoring/inspection events will include:

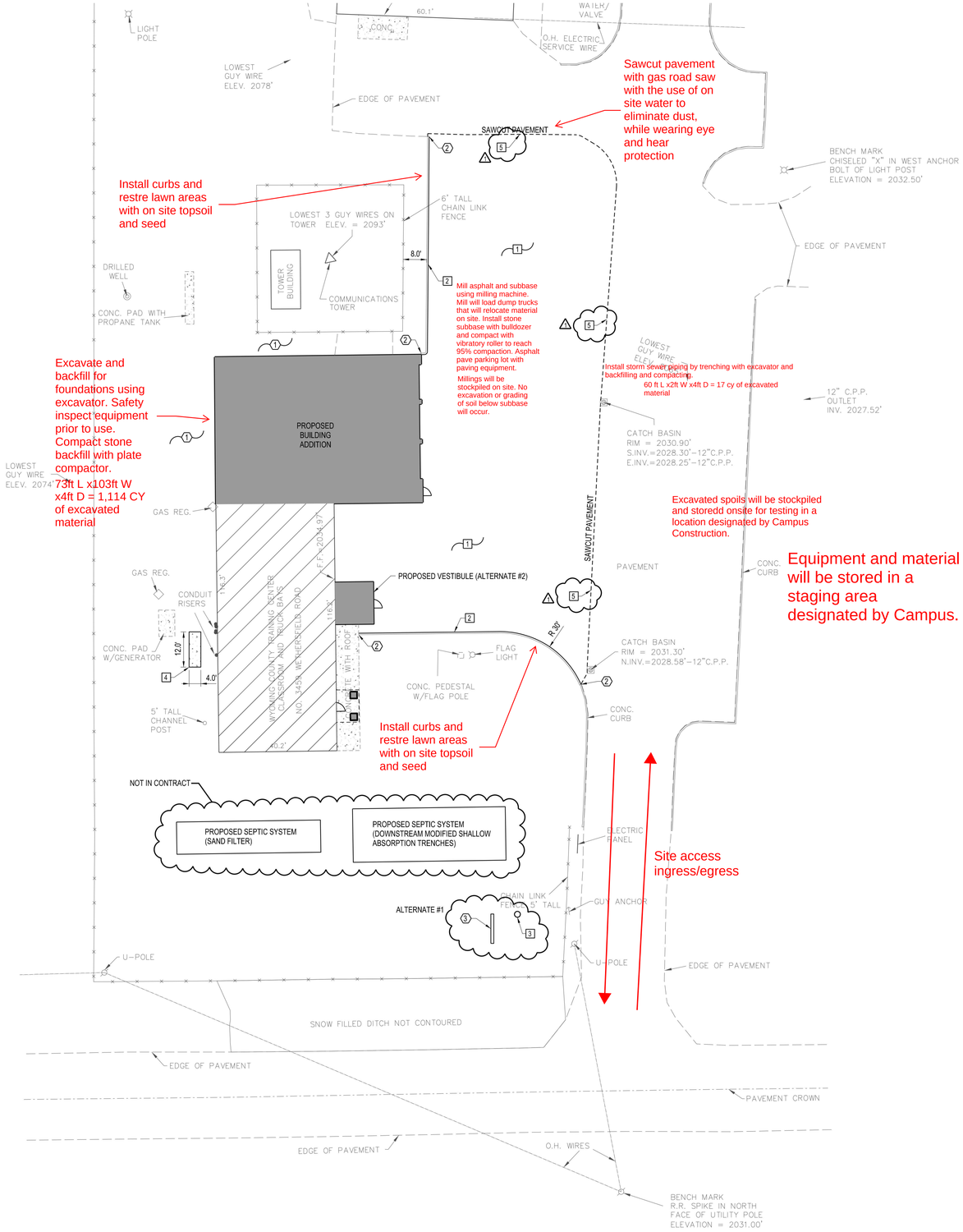
- Sampling & analytical for groundwater & soil
- Air monitoring logs
- Chain of custody & manifests
- Heavy equipment checklists
- Daily observation reports

Statement of Compliance

NW Contracting will perform all activities in compliance with this EWP and 29 CFR 1910.120, as applicable.

Figure 1


Depth to Water (Ft)
N
WYOMING COUNTY FIRE TRAINING CENTER
SHOOTING RANGE BUILDING
MW-05, 2,021.13
REAR POND
MW-23, 2,012.17
MW-22, 1,998.05
MW-06, 2,015.90
MW-02, 2,022.89
MW-01 (DESTROYED)
MW-08, 2,013.97
MW-03, 2,023.83
12'-14'
MW-07, 2,021.97
MW-21, 2,011.90
MW-20, 1,999.39
CINDER BLOCK TRAINING CENTER
MW-04, 2,032.17
6'-9'
MW-19, NM
AGRC-1, NM
MAIN BUILDING
DRIVEWAY
FRONT POND
MW-18, 2,026.90
8'-10'
MW-09 (DESTROYED)
FORMER WEBER HOUSE
MW-10, 2,005.13
MW-16, 2,021.55
MW-15, 2,011.74
MW-14, 2,003.35
MW-17, 2,021.37
WETHERSFIELD ROAD
MW-11, 2,023.41
MW-12, 2,011.82
MW-13, 2,003.49
Work Zone
Legend
Monitoring Well
Groundwater Elevation Contour
Groundwater Flow Direction
MW-10, 2005.13
Well ID
Groundwater Elevation (ft)
NOTE:
- NM - Not Measured
100 0 100 Feet
URS
WYOMING COUNTY FIRE TRAINING CENTER
GROUNDWATER ELEVATION MAP (06/04/04)
FIGURE 4-1



SITE PLAN NOTES

1. SURVEY INFORMATION WAS PROVIDED BY JOHN F. GILLEN, LAND SURVEYOR DATED 3/24/2023. C&S ENGINEERS, INC. ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY.

2. CONTRACTOR TO VERIFY ALL FIELD CONDITIONS AND UTILITY LOCATIONS PRIOR TO THE START OF CONSTRUCTION. CONTACT THE ENGINEER WITH ANY DISCREPANCIES FOUND IN THE FIELD.

3. REFER TO ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS AND LAYOUT.

SITE PLAN DETAIL LEGEND

1. ASPHALT PAVEMENT SECTION - SEE DETAIL SHEET C501
2. CONCRETE CURB - SEE DETAIL SHEET C501
3. FLAGPOLE (ALTERNATE #1) - SEE DETAIL SHEET C501
4. EXTERIOR CONCRETE SLAB ON GRADE - SEE DETAIL SHEET C501
5. ASPHALT PAVEMENT SPLICE

SITE PLAN SHEET KEYNOTES

1. 4" TOPSOIL & SEED
2. MATCH EXISTING CURB OR RUN OUT IN 2'-0"
3. PROPOSED SIGN (ALTERNATE #1) - REFER TO ARCHITECTURAL DRAWINGS.

SITE PLAN PROPOSED LEGEND

- PROPOSED CURB
- DOOR LOCATION
- E.P. EDGE OF PAVEMENT
- LIGHTING FIXTURES
- SAW CUT LINE

PLAN NORTH

20' 20 0 20 40Ft.

C&S COMPANIES®
C&S Engineers, Inc.
141 Elm Street, Suite 100
Buffalo, New York 14203
Phone: 716-847-1630
Fax: 716-847-1454
www.cscos.com

Kideney Architects

Kideney Architects, P.C.
ARCHITECTS | PLANNERS
INTERIORS | LANDSCAPE DESIGN
143 Genesee Street
Buffalo, New York 14203
716.249.3837 | kideney.com

STATE OF NEW YORK · JASON P. UTZIG · 089686 · LICENSED PROFESSIONAL ENGINEER

STAMP AND SIGNATURE:

WYOMING COUNTY FIRE TRAINING CENTER

3459 Wethersfield Road,
Gainesville, New York

CONSTRUCTION DOCUMENTS

SITE PLAN

No.	DATE	DESCRIPTION
1	3-27-2024	REVISION 1

REVISIONS:

CHECKED BY: JPU	DRAWN BY: JPU
KA PROJECT NO. 2023056.00	DATE: 12/18/2023

C-101

DRAWING NO.

WCFTF Roc Earth Schedule

	Task Name	Jul 28							Aug 4							A	
		S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T
1	Call in 811 Dig Safe																	
2	Mobilization + Survey																	
3	Excavation for Mechanical and Electrical																	
4	Excavation and Backfill for Foundation																	
5	Demo Old Footers + Pads																	
6	Storm Pipe, Down Spout Tie-in																	
7	Prep Building Pad																	
8	Demo, Raise Grade, and Prep Parking Lot																	
9	Install Concrete Sidewalk + Curb																	
10	Pave Asphalt																	
11	Alternate #1 Flagpole																	
12	Alternate #2 Main Entrance Vestibule																	
13	Site Clean, Demobilize & Punch List																	
14	Project Closeout																	
15																		
16																		
17																		
18																		
19																		
20																		
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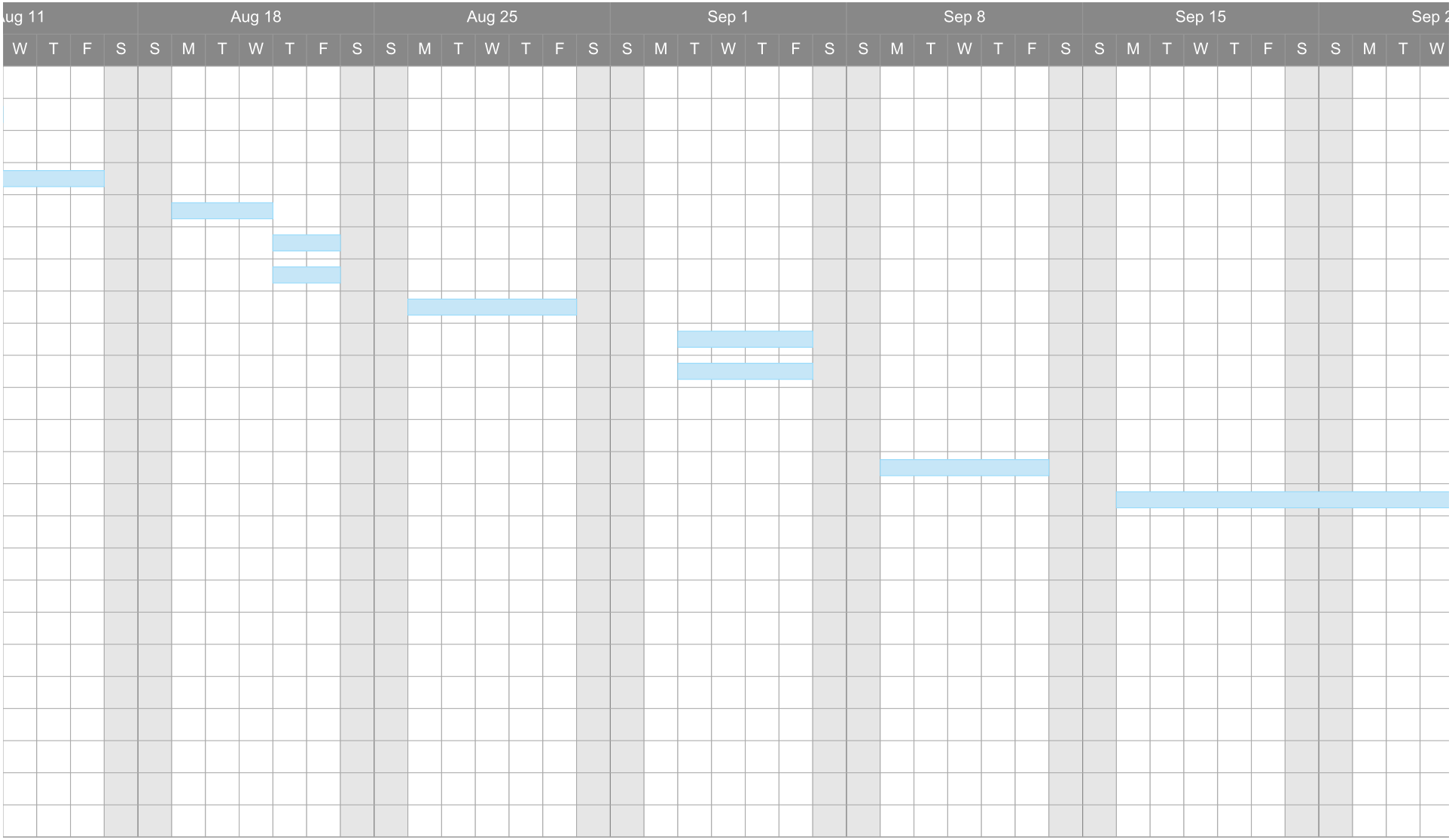
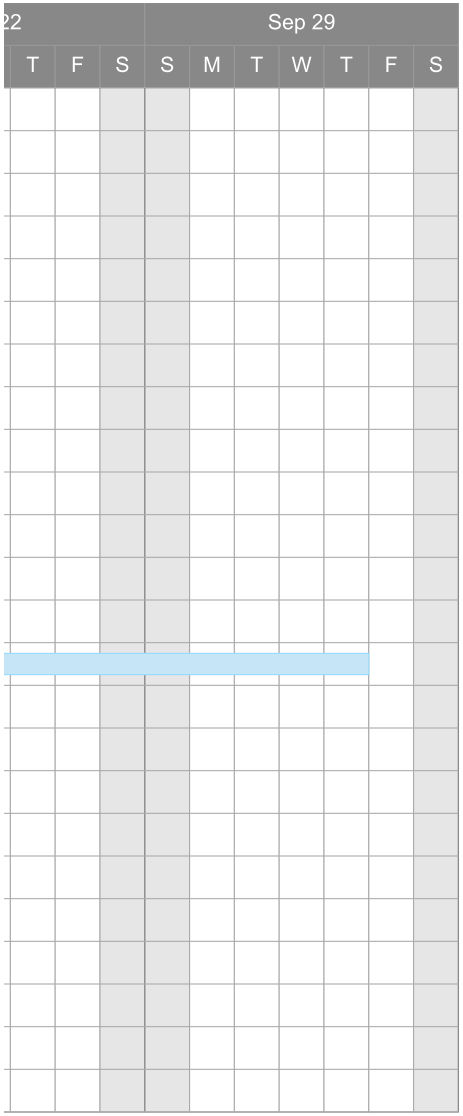
22																		
23																		
24																		


ug 11
Aug 18
Aug 25
Sep 1
Sep 8
Sep 15
Sep 2
W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T W T F S S M T W


22
Sep 29
T F S S M T W T F S

VEHICLE/HEAVY EQUIPMENT PRE-USE INSPECTION CHECKLIST

GENERAL EQUIPMENT INFORMATION

1. INCIDENT NAME/NO.	2. RESOURCE ORDER NO.
3. CONTRACTOR NAME	
4. AGREEMENT NO.	5. EXPIRATION DATE
6. MAKE/MODEL	7. EQUIPMENT TYPE
8. VIN/SERIAL NO.	9. LICENSE NO./STATE

Section I—HEAVY EQUIPMENT	Acceptable YES	Acceptable NO
1. ROPS, roll-over protection system: Manufacturer-approved system secured to mainframe of tractor. Must include approved seat belts. *		
2. Gauges and lights: mounted and function properly. *		
3. Battery: check for corrosion, loose terminals, and hold downs.		
4. Engine running: check oil pressure, knocks and leaks.		
5. Sweeps, deflectors, safety screens, glass. *		
6. Steering components: tight, free of play. *		
7. Brakes: damaged, worn or out of adjustment. *		
8. Exhaust system: equipped with a USFS-qualified spark arrester unless turbocharged. *		
9. Fuel system: free of leaks and damage. *		
10. Cooling system: full, free of leaks and damage. *		
11. Fan and fan belts: check for proper tension. No fraying/cracks.		
12. Engine support, equalizer bar, springs, main springs: check shackle bolts, shifted spring leaf. *		
13. Belly plate, radiator guards: securely mounted and free from debris. *		
14. Final drive, transmission and differential: check for dripping.		
15. Sprocket and idlers: crack in spokes, sharp sprocket teeth, no welds.		
16. Tracks and rollers: no broken pads, loose rollers, broken flanges. Grouser height 1-1/4" min. *		
17. Dozer and assembly: trunnion bolts missing, cracks. *		
18. Rear hitch (drawbar): serviceable, safe.		
19. Body and cab condition: describe dents and damage.		
20. Equipment cleanliness: all areas free of flammable materials, noxious weeds, and invasive species.		
21. All hydraulic attachments: operate smoothly and all cylinders hold at extension; hose, lines, and pumps have no excessive wear and/or leaks.		
22. Backup or travel alarm (minimum 87 dbl). *		
23. Oil level and condition: full and clean.		

Section II—ATTACHMENTS/PUMP/CHAINSAW/OR OTHER (Specify) _____	Acceptable YES	Acceptable NO
1. No missing/broken components, no loose hardware.		
2. Sufficient fluid levels (oil, coolant, etc.)		
3. Cutting bar: straight, chain in good condition.		
4. Cutting teeth: sharp, good repair.		
5. Pump: builds pressure, no water or oil leaks.		
6. Engine starts, idles, and shuts off with switch.		

10. PRE-USE INSPECTION

☐ Accepted ☐ Rejected

MILES/HRS _____ DATE _____ TIME _____

Inspector's printed name _____ Title _____

Inspector's signature _____

Section III—LIABILITY

The purpose of this checklist is to document pre-existing vehicle/equipment condition and to determine suitability for incident use. I hereby acknowledge full responsibility and liability for the operation and mechanical condition of the vehicle/equipment described herein.

Operator's printed name _____ Title _____

Operator's signature _____ Date _____

Section IV—TRANSPORT OR SUPPORT VEHICLES	Acceptable YES	Acceptable NO
1. "DOT" or CVSA inspection in the last 12 months (if required). *		
2. Gauges and lights: mounted and function properly. *		
3. Seat belts: operate properly for each seating position. *		
4. Glass and mirrors, no cracks in vision. *		
5. Wipers, washers, and horn operate properly. *		
6. Clutch pedal: proper adjustment (if applicable).		
7. Cooling system: full, free of leaks and damage.		
8. Fluid levels (e.g. oil) and condition: full and clean.		
9. Battery: check for corrosion, loose terminals and hold downs.		
10. Fuel system: free of leaks and damage. *		
11. Electrical system: alternator and starter work.		
12. Engine running: check oil pressure, knocks, and leaks.		
13. Transmission: check for leaks.		
14. Steering components: tight, free of play. *		
15. Brakes: damaged, worn or out of adjustment. *		
16. 4-Wheel drive: check transfer case, leaks (if applicable).		
17. Drive line U-joints: check for looseness.		
18. Suspension systems: springs, shocks, other. *		
19. Differential(s): check for leaks.		
20. Exhaust system: no leaks under cab or before turbo. *		
21. Frame condition, body/bed properly attached. *		
22. Tires/wheels (including spare and all changing equipment) * sufficient load rating, tread depth, no major damage.		
23. Body and interior condition: describe and locate damage on back of page 3, Section IV, item 23.		
24. Emergency equipment required. * Fire extinguisher ____ Spare fuses ____ Reflectors ____		
25. Operator(s) properly licensed. † Expiration Date _____ State ____ License No _____ Class _____ Endorsement _____ Med. Cert. Expiration Date _____		

11. RELEASE

☐ No Damage/No Claim

MILES/HRS _____ DATE _____ TIME _____

Operator's printed name _____ Title _____

Operator's signature _____ Date _____

Inspector's printed name _____ Title _____

Section V—REMARKS

(Describe all unsatisfactory items and identify by line number)

Contractor _____

Resource Order No. _____

* Safety Item—Do not accept until brought into compliance.

† Include information for additional operators in REMARKS section.

SEE SUPPLEMENTAL INFORMATION ON BACKSIDE OF CONTRACTOR COPY

Section IV - Transport and Support Vehicles

Motor vehicle parts and accessories must be in Safe Operating Condition At All Times, FEDERAL MOTOR CARRIER SAFETY ADMINISTRATION (FMCSA) as prescribed by U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION PARTS 393 & 396, and NORTH AMERICAN UNIFORM OUT-OF-SERVICE CRITERIA, COMMERCIAL VEHICLE SAFETY ALLIANCE (CVSA).

REJECT IF: Parts and accessories covered in FMCSR part 393, 396 and/or CVSA North American Uniform Out-of-service Criteria are not in safe and proper operating conditions at all times. These include, but are not limited to the parts and accessories listed below.

2. Gauges and Lights (393.82, 393.11)

- Speedometer inoperative.
- All required lighting devices, reflectors and electrical equipment must be properly positioned, colored and working.

3. Seat Belts (393.93)

- Any driver or right outboard seat belt missing or inoperative.

4. Glass and Mirrors (393.60, 393.80)

- Any discoloration not applied by the manufacturer for reduction of glare.
- Any windshield crack over 1/4” wide.
- Any crack less than 1/4” wide that intersects with any other crack.
- Any damage 3/4” or greater in diameter.
- Any 2 damaged areas closer than 3” to each other.
- Any required mirror missing. One on each side , firmly attached to the outside of the vehicle, and so located as to reflect to the driver a view of the highway to the rear along both sides of the vehicle.
- Any required mirror broken.

5. Wipers and Horn (393.78, 393.81)

- Wiper blade(s) fail to clean windshield within 1” of windshield sides.
- Horn missing, inoperative or fails to give adequate/reliable warning signal.

10. Fuel System (393.65, 393.67)

- Fuel tank not securely attached to vehicle by reason of loose, broken or missing mounting bolts or brackets.
- Visible leak at any point.
- Fuel tank cap missing.

14. Steering (393.209)

- Steering wheel does not turn freely, has any spokes cracked through or is missing any parts.
- Steering lash not within parameters, see chart in FMCSA 393.209.
- Steering column is not secure.
- Steering system; any U-joint worn, faulty or repaired by welding.
- Steering gear box is loose, cracked or missing mounting bolts.
- Pitman arm is loose, or has any welded repairs.
- Power Steering; any component is inoperative. Any loose, broken or missing parts. Belts frayed, cracked or slipping.
- Any fluid leaks, fluid reservoir not full.

15. Brakes (393.40-393.55)

- Brake system has any deficiencies as described in FMCSA.
- Brake system has any missing, loose, broken, out of adjustment or worn out components.
- Brake system failure warning device missing, inoperative, or fails to give adequate warning.
- Brake system has any air or fluid leaks.

18. Suspension Systems (393.207)

- Any axle positioning part is cracked, broken, loose or missing. All axles must be in proper alignment.
- Any leaf spring cracked, broken, missing or shifted out of position.
- Adjustable axle assemblies with locking pins missing or not engaged.

20. Exhaust (393.83)

- Any part of the exhaust system so located as would be likely to result in charring, burning, or damaging the wiring, fuel supply or any combustible part of the vehicle.
- Bus exhaust leaks or discharge forward of the rearmost part of the bus in excess of 6" for Gasoline powered or 15" for other than Gasoline powered, or forward of any door or window designed to be opened on other than a Gasoline powered bus. (Exception: emergency exit).
- Any leak at any point forward of or directly below the driver and/or sleeper compartment.

21. Frame (393.201)

- Any cracked, broken, loose or sagging frame member.
- Any loose or missing fasteners including those attaching engine, transmission, steering gear, suspension, body, and fifth wheel.
- Any condition that causes the body or frame to contact the tire or wheel assemblies.

22. Tires and Wheels (393.75, 393.205)

- Any body ply or belt material exposed through tread or sidewall.
- Any tread or sidewall separation.
- Any cut exposing ply or belt material.
- Tread depths less than 4/32" on steering axle.
- Less than 2/32" on any other axle.
- Any bus with regrooved, recapped, or retreaded tires on the front wheels.
- Any tire not properly inflated or any overloaded tire.
- Any tire that comes in contact with any part of the vehicle.
- Any tire marked "Not for Highway Use".
- Wheels or rims shall not be cracked or broken.
- Stud or bolt holes on the wheels shall not be elongated.
- Nuts or bolts shall not be missing or loose.

24. Emergency Equipment (393.95)

- Every power unit must be equipped with a fire extinguisher that is properly filled and readily accessible for use.
- Spare fuses or other overload protective device.
- Warning devices for stopped vehicles.

25. License (383.23, 391.41)

- No person shall operate a commercial motor vehicle unless such person has passed written and driving tests which meet the Federal Standards for the commercial motor vehicle that person operates.
- Persons shall not drive a commercial motor vehicle unless he/she is physically qualified to do so and has on his/her person the original, or a photographic copy, of a medical examiner's certificate that he/she is physically qualified.

IN ADDITION TO THE ABOVE:

Agency personnel reserve the right to reject any equipment due to any additional condition or combination of conditions that make the vehicle unsafe, unreliable, or may pose unreasonable damage to the environment, or will be unable to fully perform the duties for which the equipment has been hired.

The inspector shall inspect for compliance with the FMCSA, State and Local laws and regulations. Therefore, the Inspector must ACCEPT or REJECT all equipment he/she inspects.

NW Contracting

SITE SPECIFIC SAFETY PLAN

LOCATION:

Wyoming County Fire Training Center

WYOMING COUNTY, NEW YORK

PROJECT:

NYSDEC Site Number: V-00604-9

DATE:

June 2024

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PPENDIX F	TAILGATE/SAFETY MEETING FORM
A G	JSA's

A APPENDIX

EMERGENCY CONTACTS

Site Supervisor Cell Phone: Brice Reed, Project Manager, (716)864-7474

Site Address: 3459 Wethersfield Road, Gainesville NY

Closest Intersection: SEE SITE AREA MAP (NEXT PAGE)

Site Phone Numbers:

1. Ambulance/EMS's #: 911
   Fire #: 911
   Police #: 911
   HAZMAT: 911

2. Hospital: Wyoming County Community Health System
   400 N. Main St Warsaw NY 14569

3. Urgent Care: Wyoming Warsaw Urgent Care
   76 N. Main St Warsaw NY 14569

4. **CHEMTREC:** **1-800-424-9300**

5. **Poison Control:** **1-800-336-6997**

COMMUNICATION CHAIN: REQUIRED PERSONNEL AND LINES OF AUTHORITY

In case of emergency or change in work scope, contact the following and document instruction received.

Project Manager: (QEP) Brice Reed, Project Manager, (716)864-7474

Client Representative: (Rochester Earth- Andrew Vieira (585)303-0119

Site Safety Officer: (Rochester Earth- Andrew Vieira (585)303-0119

NYSDEC Region 9: Megan Kuczka (716) 851-7220

Contact for job scheduling/equipment/coordination problems:

Project Manager: Brice Reed, Project Manager, (716)864-7474


N
NORTH POND
WYOMING COUNTY FIRE TRAINING CENTER FACILITY
MAZE BUILDING
EARTHEN BERM
REAR POND
APPROXIMATE SITE LIMITS
FORMER AGRO PROPERTY
SCHELL POND
NORTH FIRE PIT
SOUTH FIRE PIT
CINDER BLOCK TRAINING CENTER
MW-1
MAIN BUILDING
FRONT POND
WEBER WELL
HOUSE
FORMER WEBER PROPERTY
SCHELL RESIDENCE
RESIDENCE
SPRING
BECKER RESIDENCE
BECKER WELL
BECKER POND
Legend
Residential Pumping Well
Spring Location
Property Line
250 0 250 Feet
WYOMING COUNTY FIRE TRAINING CENTER
SITE PLAN
URS
FIGURE 1

Google Maps

Wyoming County Fire Training Center, 3459 Wethersfield Rd, Gainesville, NY 14066 to Wyoming Cnty Community Health System, 400 N Main St, Warsaw, NY 14569

Drive 9.6 miles, 15 min

Hospital Route

Wyoming County Fire Training Center
3459 Wethersfield Rd, Gainesville, NY 14066

1. Head east on Wethersfield Rd toward Hatfield Rd

2 min (1.8 mi)

2. Turn left onto Hermitage Rd

3 min (2.4 mi)

Follow Liberty St to S Main St in Warsaw

6 min (3.9 mi)

3. Turn right onto Liberty St

3.7 mi

4. Turn right onto Jefferson St

0.2 mi

Follow S Main St

3 min (1.4 mi)

5. Turn left onto S Main St

0.6 mi

6. At the traffic circle, continue straight onto N Main St

0.7 mi

Drive to your destination

42 sec (0.1 mi)

7. Turn right

223 ft

8. Turn left

118 ft

9. Keep left

161 ft

10. Turn right

49 ft

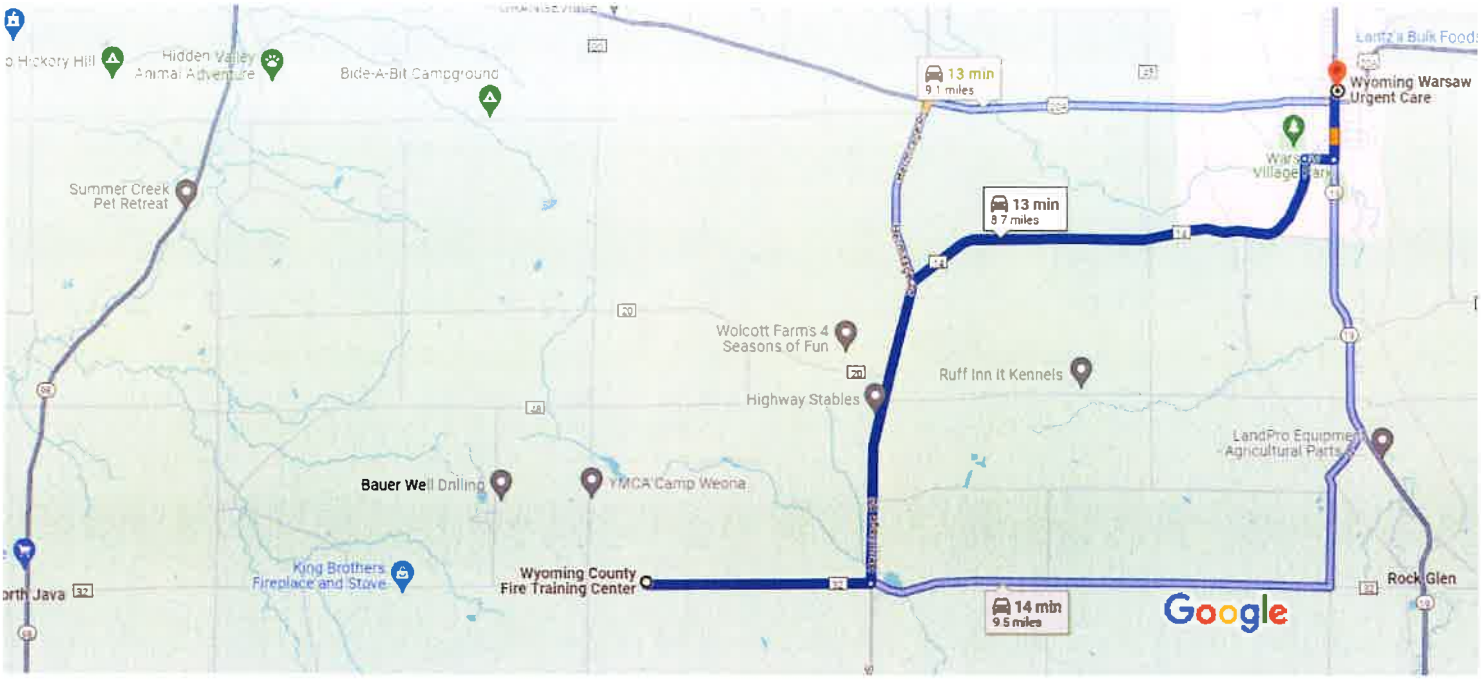
Wyoming Cnty Community Health System
400 N Main St, Warsaw, NY 14569

Google Maps

Wyoming County Fire Training Center, 3459 Wethersfield Rd, Gainesville, NY 14066 to Wyoming Warsaw Urgent Care, 76 N Main St, Warsaw, NY 14569

Drive 8.7 miles, 13 min

Urgent Care



Wyoming County Fire Training Center
3459 Wethersfield Rd, Gainesville, NY 14066

1. Head east on Wethersfield Rd toward Hatfield Rd — 1.8 mi
2. Turn left onto Hermitage Rd — 2.4 mi
3. Turn right onto Liberty St — 3.7 mi
4. Turn right onto Jefferson St — 0.2 mi
5. Turn left onto S Main St — 0.5 mi

Destination will be on the right

Wyoming Warsaw Urgent Care
76 N Main St, Warsaw, NY 14569

HEALTH AND SAFETY SUMMARY

Prior to work being performed, the Project Manager/Site Supervisor must review each project to identify any potential hazards. Personnel present on-site shall be advised of safety hazards and potential health hazards before work begins and when hazards are discovered. The evaluations are based on what is known about the site and the anticipated risks posed by various operations. According to OSHA, NW Contracting and its workers must be informed of any known physical and chemical hazards associated with the work/site. Based on Site hazard information, NW Contracting will determine and implement all necessary actions to protect workers, the surrounding community, and the environment.

SITE SPECIFIC CHARACTERISTICS

The Wyoming County Fire Training Center (WCFTC) is an approximately 1.390-acre site located at 3651 Wethersfield Road in the Town of Wethersfield, Wyoming County. It is approximately one-half mile east of the intersection of Wethersfield and Poplar Hill Roads. Site Features: The main site features include a recently constructed Fire Training Facility building and a fire training pond. Current Zoning and Land Use: The site is currently used for fire training. The surrounding parcels are residential, with the nearest residence approximately 600 ft from the WCFTC. Wyoming County also operates a shooting range adjacent to the site. Historical use of the site for fire training appears to have led to site contamination

Chemicals of Concern/Hazards: (Typical COC's Listed- Insert Additional As Applicable)

Although, there is no known contamination in the proposed work area based on historical data, the potential contaminants based on site history include:1,1,1-Trichloroethane,1,1-Dichloroethane,1,2-Dichloroethene (cis), Tetrachloroethene, Trichloroethene, vinyl chloride, benzene, toluene, ethylbenzene, xylene, PFAS compounds including PFOA and PFOS

Area Affected:

The site is completely fenced, which restricts public access.

Surrounding Population:
Rural.

Chemicals expected to be brought on-site:
None

Job Objectives:
Excavation with a Community Air Monitoring Plan (CAMP), working in compliance to DER-10, and 29 CFR 1910, 29 CFR 1926, and all other applicable Federal, State and local regulations. Providing PID screening and Air monitoring equipment with a laborer and operator.

INITIAL LEVEL OF PERSONAL PROTECTIVE EQUIPMENT:

INTRUSIVE ACTIVITIES WITH AIR MONITORING:	**LEVEL D**
KNOWN CONTAMINANT (i.e. petroleum):	**LEVEL C**
UNKNOWN CONTAMINANT-NOT IDLH:	**LEVEL B**
UNKNOWN CONTAMINANT- IDLH:	**LEVEL A**

Exclusion Zone/Work Area: **APPROPRIATE PPE AS PER ABOVE (See Appendix A for description)**

Action level for upgrading personal protection:
Upgrade from Level C to Level B at 750 ppm measured within the breathing zone for 5 minutes. This will be determined by a photo-ionization detector (PID) with a 10.6 EV lamp or a flame ionization detector (FID). See Appendix A for description of Level B personal protection.

Upgrade from Level B to Level A IF: measured air concentrations (by PID) in the work zone of a **Known** contaminant exceed 2000 ppm above background; or measured air concentrations (by PID) in the work zone of an **Unknown** contaminant exceeds 750 ppm above background.
Personal Protection shall be upgraded to Level A, only with prior notification of Project manager (i.e. no Level A work/entry shall be performed prior to notification of Project Manager)

Personal Protection may be downgraded to Level D for some work activities, IF:
Air monitoring registers less than 5 ppm by PID in work area & known contaminant w/TWA PEL <5.0 ppm. Under all other conditions, Level C shall be maintained in the work/exclusion zone area.

COMMUNICATIONS

In an emergency, crucial messages must be conveyed quickly and accurately. Information to be communicated should include: the nature and location of the emergency and/or injured personnel, any orders to evacuate the site, and notice of blocked evacuation routes, as applicable. Outside support sources must be accessible by some form of communication so that help can be obtained, and measures for public notification ensured, if necessary. To accomplish this, a set of internal emergency signals

should be developed and rehearsed daily. External communication systems and procedures should be clear and accessible to all workers.

Internal communications

Internal emergency communication systems are used to alert workers to danger, convey safety information, and maintain site control. Any effective system or combination may be employed. At this Site, radios, whistles, hand, and body motions will be used for communication with/between on-site personnel. Alarms will also be conveyed by audible signals, e.g. equipment horns, whistles, or visual signals such as hand or whole- body movements. (See Table 1 for examples)

External Communications

Off-site sources must be able to be contacted to get assistance or to inform officials about hazardous conditions that may affect public or environmental safety. At this Site, radios or field (cellular) telephones will be used for communication with offsite locations/sources of assistance. The Site building telephone is a secondary available mode of off-site communication.

All Site personnel shall be provided with the protocol (phone number or emergency code, contact person) for contacting public emergency aid teams such as fire departments, ambulance units, and hospitals (contained in the first page of this document).

TABLE 1 - INTERNAL EMERGENCY COMMUNICATION SIGNALS

DEVICES	**EXAMPLE SIGNALS**
Radio, citizen's band or FM	Established code words
Audible signal, e.g.;	
Bull Horn	-One long blast: evacuate area by nearest emergency exit
Siren	-Two short blasts: localized problem (not dangerous to workers)
Whistle	-Two long blasts: all clear

Visual signal e.g.;

Hand signals	-Hand gripping throat: out of air/can't breathe
Whole body movements	-Hands on top of head: need assistance -Thumbs up: OK/I'm alright/I understand -Thumbs down: no/negative -Grip partner's wrist or both hands around partner's waist: leave area immediately

SITE EMERGENCY EQUIPMENT ON-SITE

The following equipment will be available:

Site Specific Health & Safety Plan
First Aid Kit
Fire Extinguisher
Personal Protection Equipment
Spill Containment/Cleanup Materials

SITE SECURITY

Visitors **will not** be permitted to enter Work and/or hot zones until the excavation area has been determined by the QEP to be free of contamination. Vistors will be required to have certification, 40 hours 1010.120 training, respiratory protection, medical clearance, a fit test (if Level C is being used) and review of the site safety plan. If a visitor does not adhere to the provisions of the site safety plan and common safety practices, they will be requested to leave or retreat to the clean zone. Non-conformance incidents will be recorded in the site log.

SITE PERSONNEL TRAINING / PROGRESS MEETINGS

1910.120 Training

NW Contracting **does not allow** employees or contractors to work on-site until 40 hour training and/or 8 hour refresher course is complete and documented. On-site training is conducted while under the supervision of a trained, experienced supervisor.

A Pre-Entry Briefing and (Tailgate) On-Site Safety Meetings will be conducted, and are required, on a Daily basis for this Site, or upon any significant change in hazards/conditions.

On-site workers, regardless of the company with which they are employed, are required to read (and/or request explanation of) this Site-Specific Health and Safety Plan.

If necessary, additional on-site update meetings will be held to provide two-way feedback about how well the plan is being followed or if the plan needs changes. These tailgate safety meetings should be held with a work-task discussion. If a new hazard is discovered, it will be discussed with employees. Discussion should include work activities; respiratory protection; potential hazards associated with container contents (if any); emergency work exits; contaminant exposure signs and symptoms and long-term effects; physical characteristics of the contaminants; heat stress!

AIR MONITORING

Site Air Monitoring Requirements:

Equipment Necessary:

PID or FID;
02/LEL Meter;
4 GAS METER
EXPLOSION METER
Documentation on all calibrations and monitoring results is REQUIRED.

Air Monitoring is required at the following times and frequencies:

Use 02/LEL before entering any vaults, tanks, trenches, or tank pits more than 4.0 feet deep.

Perform work/exclusion zone Air monitoring by PID for volatile and semi-volatile organic compounds at the frequency stated in the Air Monitoring By PID Table, below. Record all direct reading monitoring results (See Appendix 1)

AIR MONITORING BY PID

FREQUENCY	ACTIVITY	LOCATION
CONTINUOUS	Initial or New	Work Area
Every 30 Minutes	Spill Cleanup	Work Area
Every 30 Minutes	Soil Excavation	Work Area
Every 30 Minutes	Soil Sampling	Work Area
Every 30 Minutes	Soil Stockpiling	Work Area

AIR MONITORING BY 4 GAS METER

FREQUENCY	ACTIVITY	LOCATION
CONTINUOUS	Initial or New	Work Area
CONTINUOIS	Tank Cleaning	Inside Tank

SITE CONTROL AND EXCLUSION/WORK ZONE

The site will be controlled to reduce or eliminate the possibility of exposure or transfer of hazardous substances and to protect NW Contracting and other contractors working at the site from physical injury by taking the following actions:

1. Setting up physical barriers/tape to exclude unauthorized personnel, to delineate hazardous zones and to minimize exposures of unprotected persons.
    a. Man doors and garage doors that access the work zone will be taped-off with caution tape during demolition and excavation activities.
2. Establishing communications for emergency alerting.
3. Using the buddy system.
4. Following safe work practices/Standard Operating Procedures.
5. Identifying medical assistance (See Page 1).
6. Implementing appropriate decontamination procedures to prevent cross-contamination.

Exclusion/Work Zone

The Exclusion/Work Zone, (or Hot Zone), is where "contamination" exists or is likely to be present or is where activities may be hazardous. Persons entering the Hot Zone/NW Contracting work area must wear prescribed Levels of Protection. The Exclusion zone will initially be established by visually surveying the immediate environment and determining if a hazardous condition exists; It will include the immediate area of the barreled wastes, and anywhere hazardous substances are located or being worked with; It will also include any drainage, leakage, or spilled material areas, and anywhere pathways of dispersion are visible. Its size/location will be adjusted, if necessary, based on air monitoring readings.

Decontamination Zone
The Decon zone serves as a transition between contaminated and clean areas. Decontamination is performed in this area.
A designated Decon pad/area will be established at this Site, immediately adjacent to the exclusion zone for decontamination of tools, equipment, and personnel. The Decon area will consist of a poly lined containment area, with provisions for emergency shower, pressure washing of tools/equipment, and washing and/or disposal of soiled PPE and equipment. The Decon cleaning agent will be alconox detergent mixed with water, followed by clean water rinse. All Decon wash and rinse water generated will be collected, contained, and properly disposed.

Emergency Assembly Area
INSERT SITE INFORMATION HERE
Crew will evacuate to the main entrance of the facility. This will allow crew to direct emergency vehicles to the site and remain out of harms way.

EMERGENCY PROCEDURES AND FIRST AID

1. Survey the situation. Do not endanger your own life. DO NOT ENTER A CONFINED SPACE OR EXCLUSION ZONE TO RESCUE SOMEONE WHO HAS BEEN OVERCOME unless an SCBA or airline is worn, the Fire Department or HazMat team has been advised, and there is a standby for you.

2. **Call 911(if available) or the fire department IMMEDIATELY. Explain the physical Injury, chemical exposure, fire, or release.**

3. If the victim's condition appears to be non-critical, but seems to be more severe than minor cuts, he should be transported to the hospital or clinic listed; let the doctor assume the responsibility of determining severity. If condition is obviously serious, transportation must be performed by EMS.

4. Notify Project Manager, the Safety Officer, and client representative as soon as practicable. Complete Accident/Incident/Near Miss Form found in Appendix E within 24 hours.

5. **Personal Injury in the Exclusion Zone**: Upon notification of an injury in the Exclusion Zone, the designated alarm or signal will be given. All site personnel shall assemble at the decontamination line. The rescue team will enter the Exclusion Zone to remove the injured worker to the hotline. The Site Safety Officer and Project Manager will evaluate the nature

of the injury, and the affected person should be decontaminated to the best extent possible prior to movement to the Support Zone. The on-site first aid person should administer the proper treatment and contact should be made for removal by ambulance to the designated medical facility (if required). No person shall reenter the Exclusion Zone until the cause of the injury or the symptoms are determined.

6. **Personal Injury Outside the Exclusion Zone:** Upon notification of an injury in the Support Zone, the Site Safety Officer and Project Manager will assess the nature and extend of the injury. If the cause of the injury or loss of the injured person does not affect the performance of site tasks, then operations may continue. On-site first aid should be administered and the necessary follow-up procedures followed as stated above. If the nature of the injury is such that it endangers or increases risks to others, the emergency signal should be given and the site should be shut down. Activities on-site should not be resumed until the added risk is corrected or removed.

7. **Fire/Explosion:** Upon notice of a potential or existing fire or explosion, the site emergency signal should be given and all personnel should assemble at the decontamination line. The fire department should be notified and all personnel moved to a safe distance from the involved area.

EMERGENCY PROCEDURES AND FIRST AID

8. **Personnel Protective Equipment Failure:** If any site worker experiences a failure or alteration of protective equipment that affects the protection factor, that person and his/her buddy, shall immediately leave the Exclusion Zone. Reentry shall not be permitted until the equipment has been repaired or replaced.

9. **Other Equipment Failure**: If any other equipment fails to operate on-site, the Project Manager and Safety Officer shall be notified to determine the effect of this failure on continuing operations on-site. If the failure affects the safety of personnel or prevents completion of the Work Plan tasks, all personnel shall leave the Exclusion Zone until the situation is evaluated and appropriate actions taken.

In all situations, when an on-site emergency results in evacuation of personnel from the Exclusion Zone, personnel **shall not reenter** until:

1. The conditions resulting in the emergency have been corrected.
2. The hazards have been reassessed.
3. The Site Safety Plan has been reviewed.
4. Site personnel have been briefed in any changes in the Site Safety Plan.

10. Decontaminate victim without causing delay of live-saving procedures.

Employees receive training concerning contingency plans for site emergencies, with emphasis on recognition, control or retreat. This occurs during the 40 hour course required by OSHA 29 CFR 1910.120.

Additional emergency phone numbers

National Response Center (800) 424-8802
Chemtrec (800) 424-9300
SARA Hotline (800) 535-0202
EPA Hotline (800) 424-9346
OSHA Hotline (800) 523-8151

Incident documentation and Follow-up

The Project Manager is responsible for documenting the incident. At a minimum, include actions and decisions made, and the circumstances at the time of the actions and decisions (See Appendix D).

EMERGENCY PROCEDURES AND FIRST AID

Notifications

In the event of a spill or release, notify the Client Representative. The generator (client) is under obligation to report to the proper government agencies. If the spill extends into waterways, the Coast Guard and the National Response Center (1-800-424-8802) should be notified immediately, by the client or with his permission. The generator is under obligation to report to the proper government agencies. If a chemical is accidentally released, the National Response Center, and the local fire department usually have to be notified immediately by the generator. All reporting must be done with Site Manager and client approval.

If contaminants are found to have migrated off-site into populated areas, a large spill of flammable products is involved, or the material is considered acutely toxic or exceeding published IDLH values, notify the fire department first and tell them that an evacuation may be necessary. Use of berms/dikes, sorbent materials, foams, knock-down water sprays can be used under restricted conditions for spills and/or air releases (vapor clouds). In life threatening situations, **do not** wait for approval to call Fire Department.

Site Security and Control During Emergencies

* If public evacuation is necessary, responsibility for implementation lies with government authorities.

* When the fire the command, automatically department or state regulatory agent arrives, control, and responsibility for the site is and instantly transferred to that entity.

* No one is permitted on-site during the emergency, unless exception is individually granted by the incident commander.

* Physical barriers should be immediately erected to indicate the perimeter of the incident area; non-essential personnel and the public must be kept on the safe side of this border.

* Evacuations of the public is not a NW Contracting responsibility. Inform local police and they can contact Civil Defense or other agencies.

RISK MATRIX: PRECAUTIONS AND SITE TASK AND PROTECTION

ALL ACTIVITIES

POTENTIAL HAZARDS	PRECAUTIONS
Heat Stress	1) Increase liquid consumption 2) Increase number of rest breaks 3) Watch for signs 4) Eliminate alcohol consumption 5) Do not use salt tablets 6) Rest in cool/dry areas, such as the air conditioned truck 7) Call EMTs for case of unconscious-ness or other signs of stress
Traffic	1) Wear fluorescent safety vest during all on-site visits 2) Use cone/barricades to indicate work area to drivers and pedestrians
Exposure to toxic petroleum products (during sampling, equipment set-up, cleaning and cutting tanks, etc.)	1) Stand up-wind whenever possible 2) Wear nitrile or Silver Shield gloves. Splash goggles advised. Vinyl or PVC sample gloves are not as protective as nitrile sample gloves. 3) Minimize contact and contact time 4) Do not walk through discolored areas, puddles, etc. 5) Follow decontamination procedure (see Appendix E) 6) If > 5 ppm organic vapors in breathing zone, use full face respirator with organic vapor cartridges 7) No eating, smoking, drinking, in work area/hot zone and decon zone to reduce exposure by ingestion

8) Continuously monitor (without threatening your health) when unexpected contamination has been discovered. If unknowns discovered, call H&S Managers

RISK MATRIX: PRECAUTIONS AND SITE TASK AND PROTECTION

ALL ACTIVITIES

POTENTIAL HAZARDS	PRECAUTIONS
Inclement weather	1) Cease outdoor work during lightning storms 2) Take cover indoors or in vehicle 3) Listen to local forecasts for specific hazards (tornados, flash floods)
High crime areas	1) Be aware of surroundings. Keep lookout 2) Request police protection, if appropriate

VAULT ENTRY AND INDOOR WORK AND CONFINED SPACES

POTENTIAL HAZARDS	PRECAUTIONS
Flammability	LEL 0%-20% - use non-sparking tools, prevent electrical engagement; Investigate source. LEL 20% or more - leave area, seek advice on changing the atmosphere; do not engage any spark source. Wear Nomex suit for situations in which a flash fire is possible
Oxygen deficiency Oxygen enrichment	02 < 19.5% - use SAR or SCBA; call District and H&S Managers. 02 > 23% leave area and call the industrial hygienist for advice on next step. The excess oxygen drastically increases the flammability range of normally flammable vapors which then makes them extremely flammable. Permit must be obtained for confined space entry.

RISK MATRIX: PRECAUTIONS AND SITE TASK AND PROTECTION

DRILLING, EXCAVATING AND OTHER EQUIPMENT USE

POTENTIAL HAZARDS	PRECAUTIONS
Buried debris, junk on ground, metal debris	1) Stay at least 20 feet from the auger or excavator arm, wire from underground has wrapped around legs and dragged humans into the rotating drill. 2) Wear steel (or fiberglass) shanked (foot bottom) boots when metal debris is present; feet in regular boots may be sliced. 3) Buried debris increases the danger associated with invasive tasks, (i.e., suddenly flying objects, entanglement sparks, new trip hazards, damage, etc.)
Noise	Wear hearing protection whenever there is a need to shout to be understood or in noisy situation, such as drilling or using other heavy equipment. (i.e. Excavation work) Hearing protection is required for employees who are exposed to noise levels equal to or greater than 85 decibels averaged over an eight-hour period.
Power Lines and Electrical Connections	1) Check height of heavy equipment, excavators, drill rigs, cranes in relation to wires. Keep a 20 foot Minimum clearance. Electric arcs can electrify rig even when no contact is made with power lines. 2) Use ground fault circuit interrupters on all non-permanent wiring including extension cords. 3) Observe lookout/tagout procedures.
Physical Injury	1) Wear hard hat with ratchet whenever performing construction type activity, when equipment, hoses could fly. 2) Make eye contact with the operator when moving around heavy equipment - must know exactly where everyone is. 3) Don't wear ties, rings, bracelets, long neck chains, or loose/dangling clothing. 4) Prevent slips, trips, and falls; work area uncluttered and dry. 5) Stand at least 20 feet (or the height of the mast) away from the auger or excavator arm when it is in motion. In NY, wire came up a hole and hooked around a driller's leg and dragged him into the auger, killing him.

	6) Never use your hands to take samples while the auger is rotating, regardless of time pressure; use a shovel or stop the auger.

RISK MATRIX: PRECAUTIONS AND SITE TASK AND PROTECTION

DRILLING, EXCAVATING AND OTHER EQUIPMENT USE

POTENTIAL HAZARDS	PRECAUTIONS
Physical Injury (Continued)	7) See Drilling Safety Section. 8) If a partial amputation occurs, call 911, raise the stump (if possible), apply direct pressure to minimize bleeding; if this does not stop bleeding, and use pressure points. Never use a tourniquet - it will increase the amount of limb lost. Collect the part, place in a clean plastic bag or jar. Be careful, if you freeze the part or get it soggy, it can't be re- attached due to its damage.
Back Injury	1) Think out the lift, before performing it, and avoid lifting with a simultaneous twisting motion. 2) Get partner for lifting' 3) Bend knees when lifting and use leg muscles.
Slippery Surfaces	1) Do not wear latex booties or disposable booties. Booties are a major cause of slips and back injuries on dirt/mud/ grass surfaces. 2) Wear ANSI approved work boots with toe and shank (foot bottoms) protection and non-skid over boots to prevent leather contamination

RISK MATRIX: PRECAUTIONS AND SITE TASK AND PROTECTION

CLEANING AND CUTTING UST/AST

POTENTIAL HAZARDS	PRECAUTIONS
Exposure to toxic petroleum products (during cleaning and cutting tanks, etc.)	1) Stand up-wind whenever possible 2) Wear Proper PPE, including nitrile or Silver Shield gloves. Splash goggles advised. Vinyl or PVC sample gloves are not as protective as nitrile sample gloves.

	3) Minimize contact and contact time 4) If > 5 ppm organic vapors in breathing zone, use full face respirator with organic vapor cartridges. 5) LEL readings must be below 20% after three consecutive tests using a MSA Explosimeter and MSA 4Gas meter prior to any tank cutting. 6) No eating, smoking, drinking, in work area/hot zone and d decon zone to reduce exposure by ingestion 7) Continuously monitor (without threatening your health) when unexpected contamination has been discovered. If unknowns discovered, call H&S Managers.
Use of Hand tools and Saws	1) Tools must be checked prior to being used on-site to make sure that they are in good working condition. 2) Always cut away from your body 3) Proper PPE must be worn at all times, including glasses, hard hat, tyvex suit, respirator (if needed) and gloves.

TREATMENT OF HEAT ILLNESS

HEAT STRESS EMERGENCY DECONTAMINATION

IF AN EMERGENCY DUE TO A HEAT-RELATED ILLNESS DEVELOPS, PROTECTIVE CLOTHING SHOULD BE REMOVED (CUT OFF) FROM THE VICTIM AS SOON AS POSSIBLE TO REDUCE THE HEAT STRESS. If the outer contaminated garments cannot be not safely removed, isolation is in order; blankets, sheets of plastic, garbage drum bags or drum liners should be placed between the contaminated clothing and the clean surfaces of a vehicle to help prevent contaminating medical personnel and/or the inside of ambulances. Protective equipment, particularly gloves, should be brought along in case medical personnel request it. For minor medical problems, decontamination procedure should be followed as usual.

Inside glove:	Sample Glove - Nitrile.
Outside glove:	Chemical resistant gloves.
Footwear:	Splash over boot and steel toe boot.
Other:	Ear plugs (if noisy) Hard hat Duct tape joints Wear face shield during

APPENDIX A

PERSONAL PROTECTION EQUIPMENT

LEVEL B

> 2000 ppm in breathing zone for Known Contaminants; Or,
> 750 ppm in breathing zone for Unknown Contaminants.

<u>If Level B becomes necessary, stop work and call Health and Safety Manager</u>

Respirator:	SCBA or supplied air respirator
Overalls: suit or	Chemical resistant clothing :(coveralls, disposable chemical resistant hooded coveralls - contaminant dependent)
Inside glove:	Inner and outer glove - chemical resistant
Outside glove:	Inner and outer glove - chemical resistant
Footwear:	Steel-toe boots with shank - chemical resistant
Other:	Hard hat D*uct tape joints* 2-way radio communications disposable outer boots 5-minute escape mask

LEVEL A

<u>Inform Health and Safety Coordinator</u>

>2000 ppm unidentified (UNKNOWN) Contaminants

Fully Encapsulated Chemical resistant suit with positive pressure SCBA breathing apparatus.

APPENDIX B

WORK PRACTICES AND STANDARD OPERATING PROCEDURES

1. Eating, drinking, chewing gum or tobacco, taking medication, smoking, applying cosmetics or inserting contact lenses is prohibited in contaminated or potentially contaminated areas or where the possibility for the transfer of contamination exists. Carrying food, beverage, matches, lighters, cosmetics, etc., around on-site is prohibited unless in the clean zone exclusively.

2. Drinking alcoholic beverages and/or taking other controlled substances during working hours or when driving is prohibited. Driving while intoxicated may result in immediate termination.

3. Compressed gas cylinders must be secured (with chain or other) upright. SCBA units must be upright or in cases.

4. The buddy system is mandatory whenever entry to the hot zone is made in Level C or higher. Visual contact is maintained between "buddies" on-site. Close proximity must be maintained in cases of emergencies. Responsibilities of the buddy include:

* assisting/checking protective clothing and backs
* keeping visual and voice contact
* monitoring the body for heat stress and/or chemical exposure
* getting help, primarily; secondarily, getting the buddy out of the hot zone, if possible

5. Only FM approved metal safety cans may be used to transport and store flammable liquids. Do not leave these in the sun or near heat - pressure builds and when opened, the liquid spurts out.

6. Smoking is never permitted within the work zone, decon or hot zones.

7. Trenches more than four (4) feet deep, which will be entered, must have a ladder or steps every 25 feet of the trench.

8. Soil must be laid two (2) feet or more from the edge of the excavation/trench.

9. If a trench is > 4 feet in depth, and employees will enter, call the Health & Safety Manager about OSHA required sloping, shoring, shielding.

10. Prior to using heavy equipment, a heavy equipment check list will be completed daily. When in an area where heavy equipment is used, including tank pulls, wear steel/plastic toed boots, hard hat, and eye protection. Get visual contact by the operator whenever moving around heavy equipment. Watch the bucket/crane load/arm to avoid being struck. Never stand under or near any load, especially tanks being removed.

11. Prior to commencing excavation activities, UDIG NY will be notified to mark all underground utilities. If there are private utilities onsite, a third-party private locator will be utilized. All utilities will be cleared/marked by locators before any excavation begins. All as-built drawings will be reviewed prior to excavation.

12. Ends can blow off tanks; therefore, position should be perpendicular to the ends.

APPENDIX C

CONFINED SPACES

Any entry into a confines space by NW Contracting Staff is considered a Permit-Required Confined Space

OSHA 1910.120 (b) (4) requires this section.

Confined Space Entry Procedures Must Be Followed when working in confined spaces where: (1) requires the person's head to be below ground level; or (2) the person must work in a manhole or other space in which an exit may not be easily accessible.

Entries into confined spaces will ONLY BE PERFORMED UNDER PERMIT, AND BY TRAINED PERSONNEL.

Confined Space Entry shall only be performed using the Buddy System.

> Buddy System: Two or three people work as a team and are in constant visual and voice contact.

Organic and/or combustible vapors may be trapped resulting in lack of oxygen (anoxia) and/or over-exposure to vapors. Allow the confined space to vent by opening doors and/or manhole covers before monitoring. Normal oxygen levels may not be restored simply by venting the space by those means.

Oxygen Level: Monitor for % Oxygen with and 02/LEL to ensure a minimum oxygen level of 19.5%. Because of the high vapor density of gasoline there is a high probability that vapors in the enclosed spaces or vaults will replace any oxygen that is present, even if the space is open to the air. Oxygen level monitoring will be done at the top, middle and bottom of the enclosed space.

> **If oxygen is less than 19.5%, do not enter the space without an airline or SCBA. When these devices are to be used, the H&S Manager MUST be present.**

Explosive Vapors: Monitor for % of Lower Explosive Limit (LEL) of vapor concentrations within the Confined space. Gasoline can collect in enclosed spaces, in corners, and in low areas.

> **If LEL readings exceed 20%, cautiously change the atmosphere in the space.**
>
> If LEL readings are between 10 and 20%, work can be done, very cautiously. Non-sparking tools must be used.

APPENDIX C

CONFINED SPACES

Toxic Vapors: Monitor for toxic vapors with a direct reading instrument for the specific toxic or use a PID. PID readings will be taken at the top, middle and bottom of a vault, shed, or other confined space to ensure that vapors do not exceed acceptable levels. The probe can be extended by adding a piece of Tygon tubing to it. Monitoring is not necessary if entry is made in SAR or SCBA.

If the PID and/or the FID readings exceed 200 ppm, a full face respirator must be worn in the confined space but only if the oxygen level is at or above 19.5%.

Log monitoring results!

Call the Health and Safety Manager for assistance.

APPENDIX D

DIRECT READING INSTRUMENT LOG

Project: _____ Operator: _____

Date: _____ Calibration: _____

Instrument: _____

Sampling Technique: _____

_____

_____

Sample Interval: _____

Calibration: _____

Background Reading: _____

Action Level/Response: _____

Time Location	**Reading (units)**	**Detection Limit (Scale)**

APPENDIX E

INCIDENT INVESTIGATION REPORT

ACCIDENT-NO INJURY:_____EMERGENCY INVOLVING THE PUBLIC: _____

INJURY/ILLNESS: _____

EMERGENCY INVOLVING THE ENVIRONMENT: _____

NEAR MISS:_____

PROJECT NO.: _____

PROJECT PHONE NO.: _____

PROJECT LOCATION: _____

EMPLOYEE'S FULL NAME:_____

IF SUBCONTRACTOR, GIVE NAME/ADDRESS:_____

ADDRESS (HOME):_____

PHONE NO.:_____DATE OF BIRTH:_____

SOCIAL SECURITY NO.: _____TITLE:_____

DATE AND TIME OF OCCURRENCE:_____

DATE AND TIME REPORTED TO NWE:_____

DATE EMPLOYEE BEGAN TO LOSE WORK TIME:_____

ESTIMATED / ACTUAL DATE OF RETURN TO WORK: _____

DESCRIBE THE APPARTENT EXTENT OF INJURY OR ILLNESS AND PARTS OF BODY AFFECTED (LACERATION, BURN, FRACTURE - RT. LOWER LEG, LT. INDEX FINGER): _____

_____

_____

APPENDIX E

INCIDENT INVESTIGATION REPORT

DESCRIBE TREATMENT GIVEN (X-RAY, STITCHES, ETC.). IF HOSPITAL OR DOCTOR, GIVE NAME, ADDRESS, AND PHONE NUMBER AND ATTACH RETURN-TO-WORK SLIP: _____

_____

DID A CHEMICAL EXPOSURE OCCUR? IF YES, WHAT KNOWN CONTAMINANTS WERE PRESENT? WHAT TYPE OF EXPOSURE OCCURRED? (INHALATION, INGESTION, SKIN CONTACT, ETC): _____

_____

DESCRIBE FULLY HOW INCIDENT HAPPENED, GIVE CAUSES AND RESULTS. ATTACH ANOTHER SHEET IF NECESSARY: _____

_____

_____

_____

EXACT LOCATION WHERE INCIDENT OCCURRED:_____

_____

NAMES AND ADDRESSES OF WITNESSES TO INCIDENT: _____

_____

WHO WAS DIRECTLY SUPERVISING THE WORK? _____

WORK SCHEDULE AT TIME OF INCIDENT:_____HOURS PER DAY _____DAYS PER WEEK

LEVEL OF PERSONAL PROTECTIVE EQUIPMENT UTILIZED AT TIME OF INCIDENT: (CIRCLE)
A B C D

APPENDIX E

INCIDENT INVESTIGATION REPORT

WHAT DIRECTION OR TRAINING HAD BEEN GIVEN TO THE TASK? _____

_____

HOW CAN YOU OR THE COMPANY PREVENT SIMILAR INCIDENTS FORM HAPPENING AGAIN?

_____

WHAT ACTION HAS OR WILL BE TAKEN TO PREVENT SIMILAR OCCURRENCES? _____

_____

ADDITIONAL COMMENTS:_____

_____

_____

SIGNATURE: _____ DATE: _____
(EMPLOYEE)

SIGNATURE: _____ DATE: _____
(SITE SUPERVISOR)

SIGNATURE: _____ DATE: _____
(SAFETY OFFICIAL)

SIGNATURE: _____ DATE: _____
(PRESIDENT)

APPENDIX F

CONTRACTING

3553 Crittenden Rd.
Alden, NY 14004

716.937.6527

nwcontracting.com

Attendance Form
Tailgate Safety Meeting

Date:

Location:

Trainer:

SAFETY MEETING INCLUDED THE FOLLOWING TOPICS:

_____

_____

_____

_____

Print Name/Signature

1.
2.
3.
4.
5.
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18.
19.
20.
21.
22.
23.
24.

CONTRACTING

3553 Crittenden Road
Alden, NY 14004
716-937-6527

Date_____ Superintendent_____

Job Site_____ Inspector _____

_____

Weekly Jobsite Safety Inspection Checklist

Pass	Fail	N/A	
			General
☐	☐	☐	The company has a written safety program that is site specific where necessary.
☐	☐	☐	Emergency telephone numbers are in a place that can be found quickly and easily.
☐	☐	☐	OSHA poster is posted.
☐	☐	☐	Minutes of jobsite safety meetings recorded are kept.
☐	☐	☐	Safety inspections reports by contractor personnel prepared and kept at site.
☐	☐	☐	There is a competent person, someone capable of identifying existing and predictable hazards which are unsanitary, hazardous, or dangerous, and who has authorization to take prompt corrective measures to eliminate them, on site.
☐	☐	☐	There is a current first aid kit on site.
			Sanitation
☐	☐	☐	Toilet and hand wash station provided at the jobsite.
☐	☐	☐	Adequate supply of potable water at jobsites.
☐	☐	☐	Personal garbage and lunch sacks are removed from the site or properly disposed of so as not attract rodents, pests of insects.
			Housekeeping
☐	☐	☐	Work site is clean and free of dangerous waste and material.
☐	☐	☐	Scrap materials are removed or stacked in orderly fashion.
☐	☐	☐	Trash and combustible material are placed in containers provided for that purpose.
☐	☐	☐	Scrap lumber, hoses, cable wiring and all other debris is clear from work areas, hallways and stairways.
☐	☐	☐	Nails are removed from scrap lumber and other unused materials.
☐	☐	☐	There are no spills of liquid and materials that may cause an accident.
☐	☐	☐	Work areas have the appropriate amount of lighting.
☐	☐	☐	Holes and openings are protected and marked appropriately.
			Fire Prevention
☐	☐	☐	A fire extinguisher is provided for every 3000 sq. ft. of space that is rated 2A at least.
☐	☐	☐	A portable fire extinguisher is within 100 ft. of all working areas.
☐	☐	☐	Portable heaters are being used in accordance with specifications.
☐	☐	☐	All employees or subcontractors know the location of the fire extinguisher and know how to operate it.
☐	☐	☐	Employees have been trained in how to properly use a fire extinguisher.

Pass	Fail	N/A	
☐	☐	☐	Firefighting equipment is always accessible and maintained in good repair
☐	☐	☐	Smoking is prohibited in possible fire hazard areas.
☐	☐	☐	Flammable and combustible liquids are marked and properly stored appropriate containers.
☐	☐	☐	Soiled or combustion rags are properly stored or disposed of.

Personal Protective Equipment

☐	☐	☐	Employees, trade contractors, vendor, visitors, and others on the site wear the appropriate personal protective equipment.
☐	☐	☐	Hard hats are worn in the construction areas where there is a risk of injury
☐	☐	☐	Mandatory eye protection is required on all projects in the construction area when the following conditions exist: all types of hammers, saws, chipping tools, brooms, grinders, impact tools, drills, chemicals, hazardous substances which create dust, mist, and fumes, concrete pouring, grouting, etc.
☐	☐	☐	Face shields are worn when a danger of harmful chemical or physical contact with the face is present.
☐	☐	☐	Those in areas of moderate, extreme or long-term noise wear appropriate hearing protection.
☐	☐	☐	Only NIOSH/MSHA respirators approved for the work conditions are used when necessary.
☐	☐	☐	Respirators or appropriate filters are used when using substances containing toxic vapors, fumes or dust in oxygen deficient environments (less than 19.5% oxygen) or other hazardous areas.
☐	☐	☐	Those painting or working with hazard chemicals are wearing a respirator that meets those specific requirements.
☐	☐	☐	If disposable respirators are used by multiple persons, they are cleaned before each use.
☐	☐	☐	Persons working in confined or enclosed areas where they could be overcome by toxic fumes work only when an outside observer is present. Rescue equipment is be available at all times when such work is being performed.
☐	☐	☐	Those welding or working with metal or sharp objects are wearing safety and safety goggles.
☐	☐	☐	Overall workers are adequately protected.

Hand & Power Tools

☐	☐	☐	All hand and power tools in good working order
☐	☐	☐	Handheld powered tools equipped with constant pressure switch where appropriate.
☐	☐	☐	Devices are provided on air power tools to prevent tools from becoming accidentally disconnected from hose.
☐	☐	☐	Pneumatic nailers operating at more than 100 psi. are provided with safety devices on muzzle to prevent accidental discharge.
☐	☐	☐	Tools are stored in a dry secured place.
☐	☐	☐	Tools cords are free of cuts or abrasions and in good repair.
☐	☐	☐	Saws are guarded by the appropriate guards.

Pass	Fail	N/A	
☐	☐	☐	Tools are being used for their intended use.
☐	☐	☐	Handles for hammers and other tools are in good condition free of cracks and splinters and free of mushroomed heads.
☐	☐	☐	All safety guards and devices are in place while the tools is in use.
☐	☐	☐	All powder actuated are unloaded while not in use.
☐	☐	☐	All air compressors are equipped with pressure gauges.

Vehicle and Equipment

☐	☐	☐	Construction equipment and vehicles are parked so as to prevent the release of stored energy (bucket/forks down, brake applied, wheels cocked, etc.).
☐	☐	☐	Only those who are authorized to operate machinery are permitted to so.
☐	☐	☐	All equipment has functioning signals and horns.
☐	☐	☐	Backup warning systems are functioning properly.
☐	☐	☐	Seatbelts are in good repair and used.
☐	☐	☐	Passengers are prohibited from riding on equipment.
☐	☐	☐	All mirrors are in place and operational.
☐	☐	☐	All windshields and glass are clean so vision is unobstructed.
☐	☐	☐	Flaggers are used when the operator is unable to see or to protect vehicular traffic or pedestrians when necessary.
☐	☐	☐	Equipment is kept from coming near to overhead power lines.
☐	☐	☐	Equipment role over protection equipment is in good shape.

Trenching & Excavation

☐	☐	☐	The underground utilities have been located and marked.
☐	☐	☐	Trenches 5' or more in depth are shored, or have sides sloped.
☐	☐	☐	The walls and faces of all excavation where employees are exposed to danger from moving ground are guarded by a shoring system, sloping, or benching of ground.
☐	☐	☐	The slope of benched or sloped excavations and the shoring is designed based on the type of soil.
☐	☐	☐	All parts of shoring system are in good repair.
☐	☐	☐	Excavations are no deeper than 2' below the base of any shoring system
☐	☐	☐	Excavated or other material is placed a minimum of 2' from the edge of excavations.
☐	☐	☐	Excavations have barricades surrounding them where necessary.
☐	☐	☐	Have all trenches four feet and greater been provided with stairways, ladders, or ramps within 25 feet of each employee.

Concrete & Masonry

☐	☐	☐	Limited access zones have been established and marked.
☐	☐	☐	All protruding reinforcing bars have been guarded.
☐	☐	☐	All free-standing masonry walls are properly braced and supported.

APPENDIX G

JOB SAFETY ANALYSIS

3553 Crittenden Road
Alden, NY 14004
716-937-6527

Section 1: General Information

Date & Time: _____ **Site/Project:** _____.

DIAL 911 FOR ALL EMERGENCIES – IF 911 IS NOT AVAILABLE, LIST ALTERNATIVE NUMBER BELOW

Emergency Contact: _____ **Emergency Notification #:** _____

Nearest First-Aid Kit: _____ **Nearest Fire Extinguisher:**_____

Nearest Eye Wash: _____ **Do Cell Phones Work** ____ **Yes** ____ **No**

Section 2: Task Information

Describe weekly planned Tasks to be performed:

_____

_____

_____

Section 3: Hazard Identification (List all that apply)

Mark an X on any potential/applicable hazard for the task(s):

☐ Hazardous Atmosphere	☐ Fall from Heights	☐ Suspended Loads/Rigging	☐ Ignition Sources	☐ Overhead Hazards
☐ Chemical Exposure	☐ Temperature Extremes	☐ Weather Hazards	☐ High Noise Level	☐ Electrical
☐ Pinch Points	☐ Lacerations	☐ Excavation Collapse	☐ Lone Worker	☐ Slips/Trips/Falls
☐ Adjacent Operations	☐ Roadway Work/Traffic	☐ Dusty Environment	☐ Silica Dust	☐ Insects (Bees/Ticks)
☐ Struck by Moving Equip.	☐ Chemical Spills	☐ Buried Utility Conflicts	☐ _____	☐ _____

Section 4: PPE & Engineering Controls to be Utilized

☐ High Visibility Vest	☐ Hard Hat	☐ Safety Glasses	☐ Face Shield	☐ Fall Protection
☐ Chemical Gloves	☐ Cut Resistant Gloves	☐ Tripod/Harness/Lifeline	☐ 4 Gas Monitor	☐ Respirator (APR)
☐ N-95 Dust Mask	☐ Tyvek/Coveralls	☐ Arc Flash Gloves/Clothing	☐ Ear Plugs/Muffs	☐ Safety Fence
☐ Caution Tape	☐ Traffic Control Devices	☐ _____	☐ _____	☐ _____

Other Task Specific Engineering Controls utilized: _____

_____

If working below grade level, UFPO has been notified: **Y**_____ **N**_____ **UFPO#**_____

All buried private and public owned utilities have been marked and verified: **Y**_____ **N**_____ (If NO, do not proceed with work)

List Job Safety Analysis (JSA's) Reviewed & Discussed: _____

SITE SUPERINTENDANT: Print Name_____ **Signature:**_____

LIST NWC EMPLOYEES COMPLETING THE TASKS AND ATTENDING THE TAILGATE SAFETY MEETING:

Print Name: _____ **Print Name:** _____

Print Name: _____ **Print Name:** _____

Print Name: _____ **Print Name:** _____

Print Name: _____ **Print Name:** _____

Activity Hazard Analysis (AHA) for Excavation

Project Name: Wyoming County Fire Training Facility Location:3459 Wethersfield Rd, Gainesville, NY 14066 Prepared By: Andrew Vieira Date: 7/8/24

Activity: Excavating up to 4 Feet

Hazard: Cave-ins

Possible Injuries: Crush injuries, suffocation, death

Preventive Measures:

1. A competent person will conduct a pre-work inspection to identify soil conditions and determine the appropriate protective system for the trench.
2. A registered professional engineer will design the protective system if required.
3. The sides of the trench will be sloped to the angle required for the soil and conditions or shoring will be installed where the slope cannot be maintained.
4. Trench boxes, shields, or other suitable protective systems will be used where required.
5. Workers will not enter the trench until the protective system is in place and the competent person has determined that it is safe to enter.
6. Workers will wear personal protective equipment (PPE) appropriate for the task, including hard hats, high-visibility clothing, and appropriate footwear.
7. A ladder or other means of safe access and egress will be provided for workers entering the trench.
8. Workers entering the trench will use a safety harness attached to a suitable anchor point.
9. A competent person will conduct daily inspections of the excavation.

Hazard: Struck-By Hazards

Possible Injuries: Cuts, bruises, broken bones, head injuries, death

Preventive Measures:

1. Barricades or fencing will be used to keep pedestrians and vehicles away from the excavation site.
2. Workers will wear high-visibility clothing and hard hats.
3. Equipment operators will maintain a safe distance from the excavation.
4. Materials and equipment will be stored a safe distance from the excavation.

Hazard: Electrical Hazards

Possible Injuries: Burns, electrocution, death

Preventive Measures:

1. A competent person will identify the location of underground utilities and mark them before excavation begins.
2. All underground utilities will be located and identified before excavation begins.
3. Workers will avoid contact with overhead power lines.
4. Electrical tools and equipment will be grounded or double-insulated.

1. Excavation and Trenching Safety Training

All employees involved in excavation and trenching operations will receive safety training that includes the proper procedures and hazards associated with the work. The training will cover OSHA excavation standards, the proper use of protective systems and other protective equipment, soil classification, and the recognition of potential hazards.

1. Protective Systems

a. Sloping: The sides of all excavations will be sloped at an angle that is appropriate for the soil and conditions. The slope angle will be determined by the competent person responsible for the excavation.

b. Shoring: Shoring will be installed in all excavations where the slope angle cannot be maintained, or where other factors may create an unsafe condition. The type of shoring will be determined by the competent person responsible for the excavation.

c. Shielding: Trench boxes, shields, or other suitable protective systems will be used where required to protect employees from cave-ins or other potential hazards.

1. Access and Egress

a. Safe access and egress will be provided to and from all excavations. Ladders or other means of access and egress will be provided for any excavation over 4 feet in depth.

b. All access and egress will be maintained in a safe and stable condition.

1. Inspections

a. Excavations will be inspected by a competent person at the beginning of each shift and as needed throughout the day.

b. Any unsafe conditions will be addressed immediately, and work in the excavation will be suspended until the unsafe condition is corrected.

1. Personal Protective Equipment (PPE)

a. All employees working in or near excavations will wear PPE appropriate for the task, including hard hats, high-visibility clothing, and appropriate footwear.

b. Workers entering excavations will also wear a safety harness attached to a suitable anchor point.

1. Emergency Response Plan

a. An emergency response plan will be developed that includes procedures for handling injuries, cave-ins, and other emergencies.

b. All employees will be trained on the emergency response plan.

1. Daily Records

Daily excavation logs will be kept that will include the depth of the excavation, the type of protective system used, and any soil or weather conditions that may affect the excavation.

1. Specific Procedures for Trenching to 6 Feet

a. When trenching to a depth of 6 feet or more, a registered professional engineer will design the protective system.

b. Excavations will be benched or sloped to maintain stability and prevent soil collapse.

c. Daily inspections of the excavation will be conducted by a competent person.

d. Workers entering the excavation will use a ladder or other means of safe access and egress.

By following these guidelines, Rochester Earth can ensure that all excavation and trenching operations at the Batavia VAMC are carried out in a safe and efficient manner

TASK PLANNER/JOB SAFETY ANALYSIS

DATE: 6/10/2024			**COMPANY: NW Contracting**	
DESCRIPTION OF ACTIVITY: Backhoe Testing				
SAFETY REPRESENTATIVE: Lisa Daigler			**LOCATION OF TASK:**	
POTENTIAL HAZARD CHECKLIST (Place a Checkmark if applicable)			**PERSONAL PROTECTIVE EQUIPMENT**	
☑ Pinch Points	☑ High Noise Levels	☐ (M)SDS Reviewed	☐ Safety Glasses	☐ Face Shield
☐ Potential Burns	☐ Falling Objects	☐ Sharp Objects or Tools	☐ Hard Hat	☐ Metatarsals/Steel Toe
☑ Flying Debris Eyes	☐ Manual Lifting	☐ Fire/Explosion	☑ Safety Shoes	☐ Flame Resistant Clothing
☐ Housekeeping	☑ Any Spills	☑ Inhalation Hazard	x Gloves	☐ Other:
☐ Electrical Shock	☑ Mobile Equipment	☐ Confined Spaces	☑ Work Vest	☐ Other:
☐ Inadequate Access	☑ Hazardous Chemicals	☐ Lockout/Tagout	☐ Fall Protection	☐ Other:
Comments:				

TASK PLANNER/JOB SAFETY ANALYSIS

JSA		
Description of Work Performed	**Hazards Associated with Each Step**	**Required Actions to Eliminate or Control the Hazard**
Backhoe Testing	Backhoe Excavation and Testing/Profile Contact with utility line, swing radius and blind spots, hit by/caught between	Fill removed from the backhoe will be placed at least 1.5 ft away from trench Because of the loose fill soils, personnel will not enter into the backhoe trenches more than 4 ft. in depth, unless the backhoe trenches are widened to meet OSHA standards Always check for overhead power lines and be sure to have adequate clearance if working near overhead lines. Always keep the machine under control. Avoid fast swings, be sure of working range, be sure all persons and obstacles are clear before swinging or moving machine. Always have adequate clearance before swinging machine.
	Injury from Hand Tool Operation	Personnel awareness of potential hazards from hand tool operation SSO will ensure that all tools used onsite are in proper working order and are in good condition Personnel to inform SSO or Project Manager if tools require repair or replacement
	Biological Hazards (ticks, bees, mosquitoes, snakes, etc.)	Personnel will be aware of potential exposure to biological hazards. Wear appropriate clothing (hat, long-sleeve shirt, long pants, glove, boots, etc.) and insect repellent
	Site Hazards Material Exposure	Training and Safety awareness of potential exposure to contaminates at the site Training of all personnel decontamination procedures Appopriate PPE will be worn on site conditions and actions levels. All backhoe trenches will be monitored by personnel for levels of chemicals and vapors to determine if the level of PPE needs to be raised above Level D. Must sign off on health and safety plan. Visitors will be escorted around site by a 40 hour trained individual unless cleared with the SSO
©OSEA, Inc.	Trench Cave in/Fall protection Stay Aware of where you are in relation to the hole. Cover hole with walkable surface & make barrier around it if not filled in immediately after work or left unattended.	Job Safety Analysis-Task Planner Form 2019

TASK PLANNER/JOB SAFETY ANALYSIS

DATE: 6/10/2024	**COMPANY:** NW Contracting
DESCRIPTION OF ACTIVITY: Driving	
SAFETY REPRESENTATIVE: Lisa Daigler	**LOCATION OF TASK:**

POTENTIAL HAZARD CHECKLIST (Place a Checkmark if applicable)			PERSONAL PROTECTIVE EQUIPMENT	
☑ Pinch Points	☐ High Noise Levels	☐ (M)SDS Reviewed	☐ Safety Glasses	☐ Face Shield
☐ Potential Burns	☐ Falling Objects	☐ Sharp Objects or Tools	☐ Hard Hat	☐ Metatarsals/Steel Toe
☐ Flying Debris Eyes	☐ Manual Lifting	☐ Fire/Explosion	☐ Safety Shoes	☐ Flame Resistant Clothing
☐ Housekeeping	☑ Any Spills	☐ Inhalation Hazard	☐ Gloves	☑ Other: Driver Inattention
☐ Electrical Shock	☑ Mobile Equipment	☐ Confined Spaces	☐ Work Vest	☐ Other:
☐ Inadequate Access	☐ Hazardous Chemicals	☐ Lockout/Tagout	☐ Fall Protection	☐ Other:

Comments:

JSA

Description of Work Performed	Hazards Associated with Each Step	Required Actions to Eliminate or Control the Hazard
Pre-Operation Inspection	Accidents associated with faulty or damaged vehicle	Perform a walk around of vehicle, including looking under the vehicle to be sure that there is nothing broken, damaged or leaking.
		Ensure that there is nothing that could be hazardous to health or flammable leaking from vehicle
		Should any damage or leaks be found, determine what it is and repair if possible
		If unable to fix the damage/leak, make arrangements to remove the vehicle from the site safely and to clean/repair leak and or damage
Driving	Injury from vehicular accidents	Wear seatbelts anytime vehicle is not in “Park”.
		When driving , make sure to sit back as far from the steering wheel/windshield as is practicable.
		Use both hands on the wheel
		No cell phone use of any kind while driving and vehicles
	Struck by accidents	When entering the site, always use a spotter to direct you to your location

TASK PLANNER/JOB SAFETY ANALYSIS

JSA		
Description of Work Performed	**Hazards Associated with Each Step**	**Required Actions to Eliminate or Control the Hazard**
Driving	Struck by accidents	Approaching vehicles should announce their arrival using 2 short horn blasts
		If backing is necessary, adhere to Backing Policy in HASP
		Ensure that the vehicle is in “Park” position prior to exiting the vehicle
		Apply emergency brake and/or wheel chocks to prevent rolling of vehicle
		Never move the vehicle without first performing a walk-around inspection
All vehicle operations	Pinch/crush points	Be aware of your surroundings and the other people around you at all times
		Do not close the vehicle door without looking at it first to be sure nothing/ no one is in its way
		Do not park a vehicle so close to another vehicle/piece of equipment that the passengers cannot freely enter and exit the vehicle

TASK PLANNER/JOB SAFETY ANALYSIS

DATE: 6/10/2024			**COMPANY: NW Contracting**	
DESCRIPTION OF ACTIVITY: Decontamination Area Setup				
SAFETY REPRESENTATIVE: Lisa Daigler			**LOCATION OF TASK:**	
POTENTIAL HAZARD CHECKLIST (Place a Checkmark if applicable)			**PERSONAL PROTECTIVE EQUIPMENT**	
☐ Pinch Points	☐ High Noise Levels	☑ (M)SDS Reviewed	☑ Safety Glasses	☐ Face Shield
☑ Potential Burns	☐ Falling Objects	☐ Sharp Objects or Tools	☒ Hard Hat	☐ Metatarsals/Steel Toe
☐ Flying Debris Eyes	☐ Manual Lifting	☐ Fire/Explosion	☐ Safety Shoes	☐ Flame Resistant Clothing
☐ Housekeeping	☑ Any Spills	☑ Inhalation Hazard	☑ Gloves	☑ Other: Tyvek
☐ Electrical Shock	☐ Mobile Equipment	☐ Confined Spaces	☒ Work Vest	☐ Other:
☐ Inadequate Access	☑ Hazardous Chemicals	☐ Lockout/Tagout	☐ Fall Protection	☐ Other:
Comments:				

TASK PLANNER/JOB SAFETY ANALYSIS

JSA		
Description of Work Performed	**Hazards Associated with Each Step**	**Required Actions to Eliminate or Control the Hazard**
Decontamination area set up	Vehicle and heavy equipment in work area	Operation of heavy equipment in accordance with the PSP Be alert when working around heavy equipment Ground guides for the backing of all vehicles No heavy equipment will be operated without a ground guide Barriers, warning signs, designated walkways or other safeguards must be provided where pedestrians are exposed to the risk of collision.
	Muscle strain/injuries from improper lifting	Personnel will utilize proper lifting techniques or ask for assistance with moving/lifting objects
	Rain	Have proper PPE (ie rain gear, footwear, etc.) available. Be aware of slip hazards, puddles, etc.
	Sunshine	Have sunscreen available for ultraviolet protection. Have water for dehydration
	Snow	Have warm clothes available for cold temperatures
	Lightning	Do not begin or continue work until lightning subsides for 20 minutes
	Cold and Heat Stress	Implement the cold/heat stress program as appropriate to conditions SSO will monitor workers for cold/heat stress symptoms
	Slips, trips, falls	Workers will be award of potentially slippery surfaces and tripping hazards Work slowly during transit. Jumping, running, and horseplay are prohibited. Workers will keep all areas clean and free of debris to deter any unnecessary trips and falls. Clean up all spills immediately Personnel will notify the SSO of any unsafe conditions

TASK PLANNER/JOB SAFETY ANALYSIS

DATE: 6/10/2024			**COMPANY: NW Contracting**	
DESCRIPTION OF ACTIVITY: Equipment Decontamination				
SAFETY REPRESENTATIVE: Lisa Daigler			**LOCATION OF TASK:**	
POTENTIAL HAZARD CHECKLIST (Place a Checkmark if applicable)			**PERSONAL PROTECTIVE EQUIPMENT**	
☐ Pinch Points	☐ High Noise Levels	☑ (M)SDS Reviewed	☑ Safety Glasses	☐ Face Shield
☑ Potential Burns	☐ Falling Objects	☐ Sharp Objects or Tools	☑ Hard Hat	☐ Metatarsals/Steel Toe
☐ Flying Debris Eyes	☐ Manual Lifting	☐ Fire/Explosion	☑ Safety Shoes	☐ Flame Resistant Clothing
☐ Housekeeping	☑ Any Spills	☑ Inhalation Hazard	☑ Gloves	☑ Other: Tyvek
☐ Electrical Shock	☑ Mobile Equipment	☐ Confined Spaces	☑ Work Vest	☑ Other: Respiratory Protection
☐ Inadequate Access	☑ Hazardous Chemicals	☐ Lockout/Tagout	☐ Fall Protection	☐ Other:
Comments:				

TASK PLANNER/JOB SAFETY ANALYSIS

JSA		
Description of Work Performed	**Hazards Associated with Each Step**	**Required Actions to Eliminate or Control the Hazard**
Process items through decontamination in accordance with the PSP	Site Hazardous Material Exposure	Training and safety awareness of potential exposure to contaminates at the site and decontamination procedure Appropriate PPE will be worn Personnel will follow decontamination procedure
	Slips, trips, falls	Workers will be aware of potentially slippery surfaces and tripping hazards Workers will keep all areas clean and free of debris to deter any unnecessary trips and falls Personnel will clean up all spills immediately Personnel will notify the SSO of any unsafe conditions
	Heat and Cold Stress	Implement the cold/heat stress control program SSO will monitor workers for heat/cold stress symptoms
	Eye Injury	PPE (safety glasses, etc.) will be worn
Hot Water High Pressure Spray/Steam clean	Hot Water Burns	Prior to decontamination of large equipment, the personnel will ensure that all other workers are outside of the decontamination areas. Personnel will wear appropriate PPE (e.g. gloves, Tyvek, splash goggles, etc.)
	Spill/Leak of Contaminated Water	Decontamination area will be designed to collect all contaminated wash/rinse water and to prevent the spread of run off. Berms and absorbent pads will be available for use in controlling spills.

TASK PLANNER/JOB SAFETY ANALYSIS

DATE: 6/10/2024			**COMPANY: NW Contracting**	
DESCRIPTION OF ACTIVITY: Soil Digging (e.g. shovel, hand, auger, etc.)				
SAFETY REPRESENTATIVE: Lisa Daigler			**LOCATION OF TASK:**	
POTENTIAL HAZARD CHECKLIST (Place a Checkmark if applicable)			**PERSONAL PROTECTIVE EQUIPMENT**	
☐ Pinch Points	☐ High Noise Levels	☐ (M)SDS Reviewed	☑ Safety Glasses	☐ Face Shield
☐ Potential Burns	☐ Falling Objects	☑ Sharp Objects or Tools	☑ Hard Hat	☐ Metatarsals/Steel Toe
☑ Flying Debris Eyes	☐ Manual Lifting	☐ Fire/Explosion	☑ Safety Shoes	☐ Flame Resistant Clothing
☐ Housekeeping	☐ Any Spills	☐ Inhalation Hazard	☒ Gloves	☐ Other:
☐ Electrical Shock	☐ Mobile Equipment	☐ Confined Spaces	☑ Work Vest	☐ Other:
☐ Inadequate Access	☐ Hazardous Chemicals	☐ Lockout/Tagout	☐ Fall Protection	☐ Other:
Comments:				

TASK PLANNER/JOB SAFETY ANALYSIS

JSA		
Description of Work Performed	**Hazards Associated with Each Step**	**Required Actions to Eliminate or Control the Hazard**
Soil Digging	Inhalation of contaminated dust, Inhalation of volatile contaminates, Ingestion of contaminants, Skin/eye contact with contaminated materials	If exposure to contaminated materials occurs, promptly wash contaminated skin using soap or mild detergent and water Wash eyes with large amounts of water If a person breaths in a large amount of organic vapor, move the exposed person to fresh air. Perform artificial respiration if breathing stops. Keep the affected person warm and at rest. Obtain medical treatment for all of these situations as required. Wear appropriate safety equipment (i.e. goggles, gloves, boots, as appropriate for reducing risk of contamination. When transferring equipment and samples to land, follow procedures for demobilization.
	Pinch points	Maintain awareness of procedures underway and be attentive of equipment operations
	Noise exposure	Hearing protection will be worn in hazardous noise areas or working around heavy machinery or equipment. Wear earplugs when noise level from equipment exceeds 90 decibels (dBA) averaged over an eight-hour day.

TASK PLANNER/JOB SAFETY ANALYSIS

DATE: 6/10/2024			**COMPANY: NW Contracting**	
DESCRIPTION OF ACTIVITY: Tool Decontamination				
SAFETY REPRESENTATIVE: Lisa Daigler			**LOCATION OF TASK:**	
POTENTIAL HAZARD CHECKLIST (Place a Checkmark if applicable)			**PERSONAL PROTECTIVE EQUIPMENT**	
☐ Pinch Points	☐ High Noise Levels	☑ (M)SDS Reviewed	☑ Safety Glasses	☐ Face Shield
☑ Potential Burns	☐ Falling Objects	☐ Sharp Objects or Tools	☒ Hard Hat	☐ Metatarsals/Steel Toe
☒ Flying Debris Eyes	☒ Manual Lifting	☐ Fire/Explosion	☑ Safety Shoes	☐ Flame Resistant Clothing
☐ Housekeeping	☑ Any Spills	☑ Inhalation Hazard	☑ Gloves	☐ Other:
☐ Electrical Shock	☐ Mobile Equipment	☐ Confined Spaces	☑ Work Vest	☐ Other:
☐ Inadequate Access	☑ Hazardous Chemicals	☐ Lockout/Tagout	☐ Fall Protection	☐ Other:
Comments:				

TASK PLANNER/JOB SAFETY ANALYSIS

JSA		
Description of Work Performed	**Hazards Associated with Each Step**	**Required Actions to Eliminate or Control the Hazard**
General	Site Hazardous Material Exposure	Training and Safety awareness of potential exposure to contaminates at the site and decontamination procedures Appropriate PPE will be worn (e.g. gloves, splash goggles, Tyvek, etc.) Personnel will follow decontamination procedures.
	Eye Injury	PPE (safety glass, etc, will be worn)
	Slips, Trips, Falls	Workers will be aware of potentially slippery surfaces and tripping hazards Workers will keep all areas clean and free of debris to deter any unnecessary trips and falls. Personnel will clean up all spills immediately Personnel will notify SSO of any unsafe conditions.
Remove gross contamination with brush	Damaging equipment or tools.	To clean instrumentation, follow manufacturer's instructions.
Place in decontamination bucket or rinse with decontamination solution	Spill/leakage	Workers will have berms or spill absorbent pads nearby to prevent the spread of contaminated water. Decontamination area will be designed to minimize exposure
Clean with wash solution	Chemical reaction with wash solution	A fire extinguisher will be located in an accessible location on site. Review the chemicals of concern and use appropriate wash solution.
Rinse with water	Contamination remains	Personnel will repeat proper decontamination procedure.

TASK PLANNER/JOB SAFETY ANALYSIS

DATE: 6/10/2024	**COMPANY:** NW Contracting
DESCRIPTION OF ACTIVITY: All Activities	
SAFETY REPRESENTATIVE: Lisa Daigler	**LOCATION OF TASK:**

POTENTIAL HAZARD CHECKLIST (Place a Checkmark if applicable)			PERSONAL PROTECTIVE EQUIPMENT	
☐ Pinch Points	☒ High Noise Levels	☐ (M)SDS Reviewed	☑ Safety Glasses	☐ Face Shield
☐ Potential Burns	☐ Falling Objects	☐ Sharp Objects or Tools	☑ Hard Hat	☐ Metatarsals/Steel Toe
☒ Flying Debris Eyes	☐ Manual Lifting	☐ Fire/Explosion	☑ Safety Shoes	☐ Flame Resistant Clothing
☒ Housekeeping	☐ Any Spills	☐ Inhalation Hazard	☑ Gloves	☐ Other:
☐ Electrical Shock	☒ Mobile Equipment	☐ Confined Spaces	☑ Work Vest (Fluorescent)	☐ Other:
☐ Inadequate Access	☐ Hazardous Chemicals	☐ Lockout/Tagout	☒ Fall Protection	☐ Other:

Comments: HAZARDS: Heat Stress, Traffic, Inclement Weather, Violence, Cold Stress

JSA		
Description of Work Performed	**Hazards Associated with Each Step**	**Required Actions to Eliminate or Control the Hazard**
ALL	Heat Stress	Increase liquid consumption and number of rest breaks
		Monitor co-workers for signs of heat stress
		Eliminate alcohol consumption
		Do not use salt tablets
		Rest in cool/dry areas, such as air conditioned trucks
		Call EMTs for case of unconsciousness or other signs of stress
	Traffic	Wear fluorescent safety vest during all on-site visits
		Use cone/barricades to indicate work area to drivers and pedestrians
	Inclement Weather	Cease outdoor work during lightning storms
		Take cover indoors or in vehicle
		Listen to local forecasts for specific hazards (tornados, flash floods, etc.)
	High crime areas/ violence	Request police protection, if appropriate
		Be aware of surrounding and keep lookout

TASK PLANNER/JOB SAFETY ANALYSIS

JSA		
Description of Work Performed	**Hazards Associated with Each Step**	**Required Actions to Eliminate or Control the Hazard**
ALL	Cold Stress	In temperatures below 45° F, wear warm clothing such as mittens and heavy socks, protective clothing or coveralls for win shielding
		At Air Temperatures below 35° F, wear the following:
		1. Insulated suits such as whole body thermal underwear
		2. Wool or polypropylene socks
		3. Insulated gloves and boots
		4. Hard hat liner or knit cap
		5. Insulated jacket, wind and water resistant outer layer
		6. Dress in layers, with thin lighter clothing next to the body
		At air temperatures below 35°, follow these procedures:
		1. In wet conditions, the outer layer of clothing should be impermeable
		2. If clothing becomes wet, change into dry clothes immediately
		3. Take breaks in a warm area
		4. Consume hot liquids during breaks, but limit coffee and tea due to their circulatory and diuretic effects
		5. Practice buddy system, any site worker observed with severe shivering shall leave the work are immediately

B. Qualified Environmental Professional Certification Statement

NWC's Qualified Environmental Professional will oversee all invasive excavation work and the excavation and load-out of all contaminated excavated materials. NWC will provide the following QEP for the duration of this project.

Dale Gramza

Mr. Gramza has firsthand experience at the Wyoming County Fireman's Training Grounds. From 2000 – 2004 he performed on site as Nature's Way Environmental' s (NWC's) Senior Geologist / Driller and composed the subsurface investigation report in 2002.

Brice Reed

Mr. Reed has 12 years of environmental construction and project management experience. Brice has worked with various state entities including NYS DEC, NYS PARKS, NYS OGS, Empire State Development, Erie County, EPA and SUNY, to provide a variety of environmental construction solutions.

Mr. Reed is the Project Manager for the following NWC Projects currently in- progress:

SUNY Buffalo State Contract D230004: Decommissioning Underground Fuel Station Buffalo NY: Removal of old gas and diesel tanks and associated piping and contaminated soil - $278,000

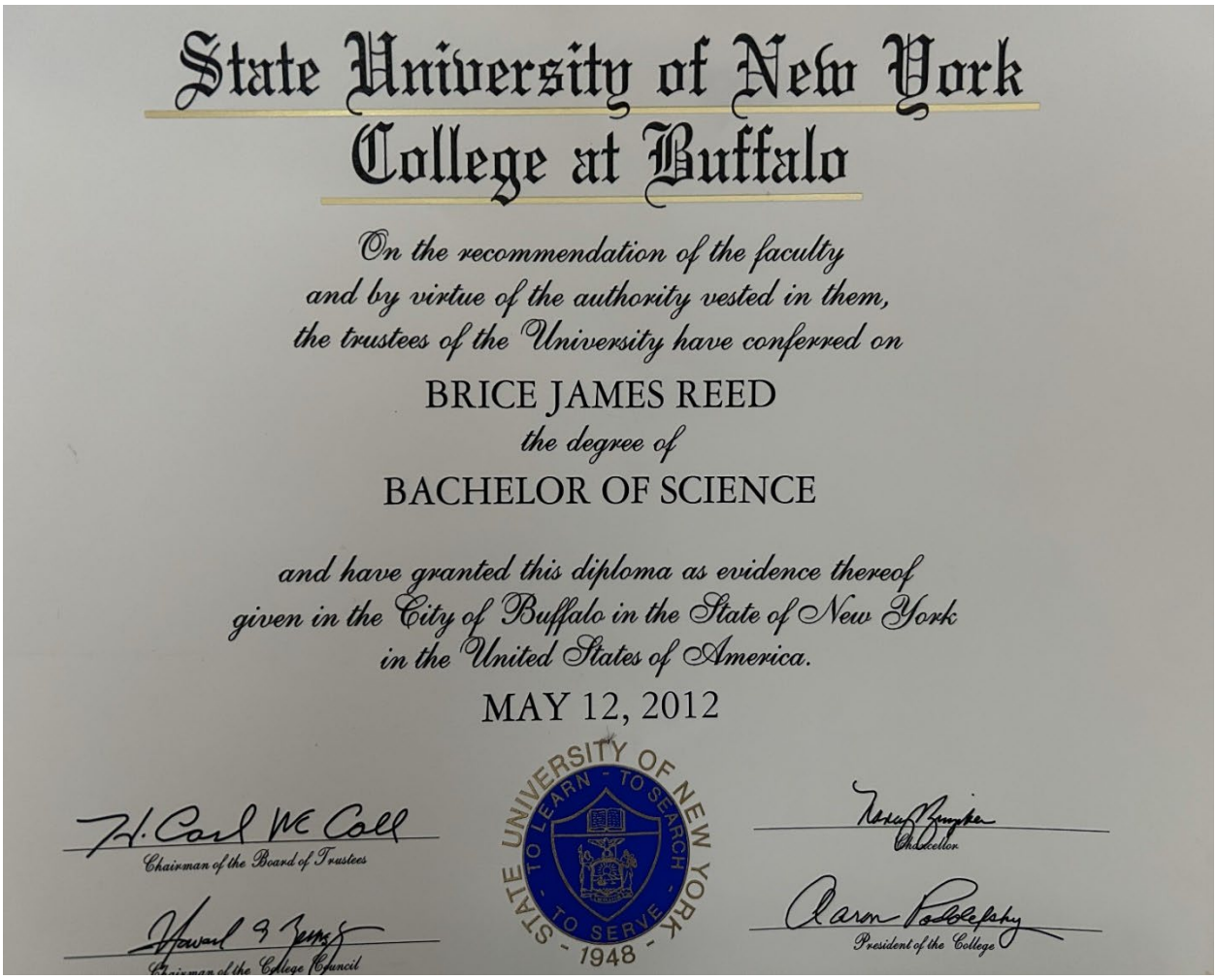
NYS DEC/EPA Contract D012107: Old Upper Mtn Road Remedial Site Lockport NY: Excavation dewatering and on-site water treatment system(s) - $840,000

NYS DEC Contract D012978: Zoar Valey Flats Access Project: Construction of a new ADA accessible trial and construction access road to Cattaraugus creek Gowanda NY -$780,000

NYS PARKS Contract D005904: Woodlawn SP Wetland Enhancement Project Blasdell NY. 2.9 acres of wetlands enhancement with a culvert to redirect water from Blasdell Creek, into the wetland, and out into Lake Erie. Remediation of soils. Installation of native plantings - $1,680,000

NYS PARKS Contract D006130: Wildlife Barrier Letchworth State Park Castile NY: Construction of new 1,200 LF concrete barrier with plastic face and concrete tunnel under the park road to divert snakes, lizards, and other small animals off the main road to facilitate their survival in the park - $424,000

Figure 3



State University of New York
College at Buffalo

On the recommendation of the faculty
and by virtue of the authority vested in them,
the trustees of the University have conferred on

BRICE JAMES REED

the degree of

BACHELOR OF SCIENCE

and have granted this diploma as evidence thereof
given in the City of Buffalo in the State of New York
in the United States of America.

MAY 12, 2012

H. Carl McCall
Chairman of the Board of Trustees

Chancellor

Chairman of the College Council

President of the College

STATE UNIVERSITY OF NEW YORK - TO LEARN - TO SEARCH - TO SERVE - 1948

The University of the State of New York
Education Department
Office of the Professions

REGISTRATION CERTIFICATE

Do not accept a copy of this certificate

License Number: 000408-1 Certificate Number: 9963349

GRAMZA DALE M
11749 MANITOU DR
ALDEN NY 14004-0000

is registered to practice in New York State through 10/31/2020 as a(n)
PROFESSIONAL GEOLOGIST

LICENSEE/REGISTRANT

EXECUTIVE SECRETARY

COMMISSIONER OF EDUCATION

DEPUTY COMMISSIONER
FOR THE PROFESSIONS

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3553 Crittenden Road
Alden, NY 14004
716.937.6527
nwcontracting.com

Brice Reed
P. O. Box 21
Colden, NY 14033
716-984-4166
brice@nwcontracting.com

Education

2012 — **State University of New York College at Buffalo** – Buffalo, NY
Bachelor of Science – Earth Science
Minor - Geology

2008 — **Erie Community College** – Orchard Park, NY
Associates in Science – Earth Science

Work Experience

2014-Present — Project Manager
Nature's Way Environmental, DBA NW Contracting
3553 Crittenden Road
Alden, NY 14004
Coordination of site activities including subcontractors and suppliers. Solicitation and selection of materials, suppliers, and subcontractors. Scheduling of sites and personnel. Bidding new contracts. Management of submittals including Submittal Exchange. Attends industry events. Assists with business development and recruitment of new staff.

2012-2014 — Fuel Systems Technician/Environmental Technician/Site Foreman
Nature's Way Environmental, DBA NW Contracting
3553 Crittenden Road
Alden, NY 14004
Operation of small equipment, including lifts, rollers, skid steers, backhoe, etc. Site technician for the wiring and electronics involved in fuel system installations, obtains and preps soil and groundwater samples. Performs personal and community air monitoring. Manual labor as necessary. Directs and trains new crew members. Maintains training, operation, and maintenance of air-purifying respirators and supplied air respirators including SCBA.

2011-2012 — Electrical Apprentice
Atkot Electric
8880 Hayes Hollow Road
Colden, NY 14033
Completed various projects involving electrical wiring and various machine shop electrical services. Performance of general construction activities involving updating and remodeling.

3553 Crittenden Rd.
Alden, NY 14004
716.937.6527
nwcontracting.com

Dale M Gramza
11749 Manitou Dr.
Alden NY 14004
716-572-3672

Licensing:
2017 — The University of the State of New York Education Department Office of the Professions
Professional Geologist License Number 00408-1

Education:

1980 — State University of New York at Buffalo-Buffalo, NY
Bachelor of Science- Geology

1976 — Genesee Community College-Batavia NY
Associates of Science-Biology

Work Experience:

2021-2024 — Independent Consultant-Professional Geologist

1998-2021 — Drilling Division Manager
Nature's Way Environmental Consultants and Contractors, Inc
3553 Crittenden Rd, Alden NY 14004
Overall Management, coordinating projects, and scheduling of field crews
Management of subsurface investigation projects and drilling activities
Completion of written reports for hydrogeologic/environmental investigations

1985-1998 — Project Manager/Senior Geologist
Earth Dimensions, Inc
1091 Jamison Rd. Elma NY 14059
Project Management, designing/implementing hydrogeologic investigation
Field investigations, drilling, sampling and rock coring.
Geologic and hydrogeologic report writing
Operations management of drill activities

1984-1985 — Well Site Geologist
Technical Drilling Services
Oklahoma City, Oklahoma
Served as a liaison between drilling operations in the field and the geology departments of major oil companies

1981-1984 — Well Site Geologist
Core Laboratories
Oklahoma City, Oklahoma
Mud Logger, gas monitoring, and reporting

1980-1981 — Ice Core Sampler
State University of New York at Buffalo
Ice Core Laboratories, Buffalo NY
Organization and computerization of core library
Distribution of ice core samples to various universities throughout the U.S.

Training/Certifications:

OSHA 40-hour training with 8-hour annual refresher courses
OSHA 10-hour Construction Operations training
American Red Cross Safety training/CPR/First Responder
Confined Space Entry

Professional Affiliations:

Buffalo Association of Professional Geologist