Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the applicant or project sponsor to verify that the information contained in Part 1is accurate and complete.

A. Project and Applicant/Sponsor Information.

Name of Action or Project: Terramor Catskills		
Project Location (describe, and attach a general location map): NY Route 212 near Osnas Lane, and Glasco Turnpike near Cottontail Lane (see attached site location map)		
Brief Description of Proposed Action (include purpose or need): Kampgrounds of America Inc. d/b/a Terramor Outdoor Resort proposes to construct a 75-tent glamping campground. In addition to the 75 tents with their individual bathroom facilities, the campground will also include a lodge building with food and beverage services for resort guests, a swimming pool area, event lawn pavilion and a wellness tent. Maintenance and operations facilities to support the resort will consist of a maintenance and laundry building, covered golf cart storage, employee housing for 26 to 28 employees and a manager's residence. Primary vehicular access will be via NY Route 212 with a welcome center building proposed along the access drive before reaching the Lodge. Secondary golf cart access will be available for employees and employee accompanied guests. Pedestrian hiking trails are also proposed within the property. Secondary road access for emergency vehicles will be provided via a gated drive off of the end of Cottontail Lane. Separate parking areas will be provided for each cluster of tents, at the Lodge, at the welcome center, and in the maintenance area. Utilities will include on-site potable water wells, centralized wastewater collection and disposal, and NYSDEC-compliant stormwater management devices. Site landscaping and and limited exterior lighting are also proposed.		
Name of Applicant/Sponsor: Kampgrounds of America Inc. d/b/a Terramor Outdoor Resort (Ahmed Helmi & Kim White)	Telephone: 202 689 7771 E-Mail: ahelmi@terramoroutdoorresort.com	
Address: 550 North 31st Sreet		
City/PO: Billings	State: MT	Zip Code: 59101
Project Contact (if not same as sponsor; give name and title/role):	Telephone: E-Mail:	
Address:		
City/PO:	State:	Zip Code:
Property Owner (if not same as sponsor): same as applicant/sponsor	Telephone: E-Mail:	
Address:		
City/PO:	State:	Zip Code:

B. Government Approvals

B. Government Approvals, Funding, or Sponsorship. ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Counsel, Town Board, or Village Board of Trustees ☐Yes ☑No		
b. City, Town or Village Planning Board or Commission ☑Yes ☐No	Town Planning Board Special Use Permit, Site Plan Approval	Sketch Plan Conference March 15, 2022; Applications filed July 5, 2022
c. City, Town or Village Zoning Board of Appeals ☐Yes ☑No		
d. Other local agencies ☐Yes ☑No		
e. County agencies ☐Yes ☑No	County Planning Section 439 Advisory Opinion, Ulster County Health Department	Planning Board submits to County Planning, UC DOH Pre-Ap meeting 5/19/22
f. Regional agencies ☐Yes ☑No		
g. State agencies ☑Yes ☐No	NYSDOT, NYSDEC	NYSDEC Pre-Ap requested 4/29/22, NYSDOT contact 5/31/22 & 6/20/22
h. Federal agencies ☑Yes ☐No	US Army Corps of Engineers	Jurisdictional Determination request submitted 7/6/22

i. Coastal Resources.

i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? ☐Yes ☑No

ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? ☐Yes ☑No*

iii. Is the project site within a Coastal Erosion Hazard Area? ☐Yes ☑No

*The Town of Saugerties does not have an approved LWRP. The Village of Saugerties has a 1985 approved LWRP.

C. Planning and Zoning

C.1. Planning and zoning actions.

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? ☐Yes ☑No

- **If Yes,** complete sections C, F and G.
- **If No,** proceed to question C.2 and complete all remaining sections and questions in Part 1

C.2. Adopted land use plans.

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? ☑Yes ☐No

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? ☐Yes ☑No

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway; Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) ☐Yes ☑No

If Yes, identify the plan(s):

_____

_____

_____

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? ☐Yes ☑No

If Yes, identify the plan(s):

The Town's municipal Open Space Plan was adopted in 2010 and incudes mapping of the entire Town, including the project site. No specific reference to the project site was found in this Plan.

_____

_____

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. ☑ Yes ☐ No
If Yes, what is the zoning classification(s) including any applicable overlay district?
Moderate Density Residential (MDR) zoning district, and the southern portion of the site that includes frontage on NYS Route 212 is within a Gateway Overlay Zone.

b. Is the use permitted or allowed by a special or conditional use permit? ☑ Yes ☐ No

c. Is a zoning change requested as part of the proposed action? ☐ Yes ☑ No
If Yes,
i. What is the proposed new zoning for the site? _____

C.4. Existing community services.

a. In what school district is the project site located? Saugerties Central School District

b. What police or other public protection forces serve the project site?
Saugerties Police Department, Ulster County Sheriff's Office, NYS Police

c. Which fire protection and emergency medical services serve the project site?
Centerville File Department, Diaz Memorial Ambulance Service

d. What parks serve the project site?
Cantine Field, Kiwanis Ice Arena, Saugerties Village Beach, Overlook Mountain, Catskill Park Forest Preserve lands

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? commercial glamping campgroung

b. a. Total acreage of the site of the proposed action? 77.51 acres
b. Total acreage to be physically disturbed? 19.13 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 77.51 acres

c. Is the proposed action an expansion of an existing project or use? ☐ Yes ☑ No
i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____

d. Is the proposed action a subdivision, or does it include a subdivision? ☐ Yes ☑ No
If Yes,
i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)
_____
ii. Is a cluster/conservation layout proposed? ☐ Yes ☐ No
iii. Number of lots proposed? _____
iv. Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____

e. Will the proposed action be constructed in multiple phases? ☐ Yes ☑ No
i. If No, anticipated period of construction: 14 months
ii. If Yes:
- Total number of phases anticipated _____
- Anticipated commencement date of phase 1 (including demolition) _____ month _____ year
- Anticipated completion date of final phase _____ month _____year
- Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____

f. Does the project include new residential uses? ☑ Yes ☐ No

If Yes, show numbers of units proposed.

	One Family	Two Family	Three Family	Multiple Family (4 or more)	Employee Housing (accessory use)
Initial Phase	1 mgr. res.			4 with 5 empl & 2 with 4 empl	
At completion of all phases	same			same	

g. Does the proposed action include new non-residential construction (including expansions)? ☑ Yes ☐ No

If Yes,

i. Total number of structures 90, incl. tents

ii. Dimensions (in feet) of largest proposed structure: 30'3" height; 66'0" width; and 110'0" length

iii. Approximate extent of building space to be heated or cooled: 15090 square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? ☐ Yes ☑ No

If Yes,

i. Purpose of the impoundment: _____

ii. If a water impoundment, the principal source of the water: ☐ Ground water ☐ Surface water streams ☐ Other specify:

_____

iii. If other than water, identify the type of impounded/contained liquids and their source.

_____

iv. Approximate size of the proposed impoundment. Volume: _____ million gallons; surface area: _____ acres

v. Dimensions of the proposed dam or impounding structure: _____ height; _____ length

vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):

_____

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite) ☐ Yes ☑ No

If Yes:

i .What is the purpose of the excavation or dredging? _____

ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?

- Volume (specify tons or cubic yards): _____
- Over what duration of time? _____

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.

_____

_____

i*v.* Will there be onsite dewatering or processing of excavated materials? ☐ Yes ☐ No

If yes, describe. _____

_____

v. What is the total area to be dredged or excavated? _____acres

vi. What is the maximum area to be worked at any one time? _____ acres

vii. What would be the maximum depth of excavation or dredging? _____ feet

viii. Will the excavation require blasting? ☐ Yes ☐ No

ix. Summarize site reclamation goals and plan: _____

_____

_____

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? ☑ Yes ☐ No

If Yes:

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): 10,900 sf of impact to unnamed/unnamed wetland near Route 212; 762 sf impact to unnamed/unnumbered wetland near Cottontail Lane; and 415 sf of impact for internal road crossing of unnamed/unnumbered wetland - total = 12,077 sf or 0.28 acres

Terramor will purchase wetland mitigation credits through Ducks Unlimited for their in-liuea fee Mid Hudson mitigation bank.

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

_____

_____

_____

_____

iii. Will the proposed action cause or result in disturbance to bottom sediments? ☐Yes ☐No

If Yes, describe: _____

iv. Will the proposed action cause or result in the destruction or removal of aquatic vegetation? ☐Yes ☐No

If Yes:

- acres of aquatic vegetation proposed to be removed: _____
- expected acreage of aquatic vegetation remaining after project completion: _____
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): _____

_____

- proposed method of plant removal: _____
- if chemical/herbicide treatment will be used, specify product(s): _____

v. Describe any proposed reclamation/mitigation following disturbance: _____

_____

c. Will the proposed action use, or create a new demand for water? ☑Yes ☐No

If Yes:

i. Total anticipated water usage/demand per day: 17,190 gallons/day

ii. Will the proposed action obtain water from an existing public water supply? ☐Yes ☑No

If Yes:

- Name of district or service area: _____
- Does the existing public water supply have capacity to serve the proposal? ☐Yes ☐No
- Is the project site in the existing district? ☐Yes ☐No
- Is expansion of the district needed? ☐Yes ☐No
- Do existing lines serve the project site? ☐Yes ☐No

iii. Will line extension within an existing district be necessary to supply the project? ☐Yes ☑No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____

_____

- Source(s) of supply for the district: _____

iv. Is a new water supply district or service area proposed to be formed to serve the project site? ☑ Yes ☐No

If, Yes:

- Applicant/sponsor for new district: KOA d/b/a Terramor
- Date application submitted or anticipated: anticipated August 2022
- Proposed source(s) of supply for new district: groundwater

v. If a public water supply will not be used, describe plans to provide water supply for the project: _____

on-site wells

vi. If water supply will be from wells (public or private), what is the maximum pumping capacity: 20 gallons/minute.

d. Will the proposed action generate liquid wastes? ☑Yes ☐No

If Yes:

i. Total anticipated liquid waste generation per day: 17,190 gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each): _____

sanitary wastewater

_____

iii. Will the proposed action use any existing public wastewater treatment facilities? ☐Yes ☑No

If Yes:

- Name of wastewater treatment plant to be used: _____
- Name of district: _____
- Does the existing wastewater treatment plant have capacity to serve the project? ☐Yes ☐No
- Is the project site in the existing district? ☐Yes ☐No
- Is expansion of the district needed? ☐Yes ☐No

- Do existing sewer lines serve the project site? ☐Yes ☑No
- Will a line extension within an existing district be necessary to serve the project? ☐Yes ☑No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? ☑Yes ☐No

If Yes:

- Applicant/sponsor for new district: KOA d/b/a Terramor
- Date application submitted or anticipated: September 2022
- What is the receiving water for the wastewater discharge? on-site Class B stream

v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge or describe subsurface disposal plans):

Treated effluent from the on-site package plant will be discharged to a Class B (unnamed) perennial tributary of Plattekill Creek pending review and approval by NYSDEC. This is the stream section that passes through the site in the area of the Route 212 road frontage.

vi. Describe any plans or designs to capture, recycle or reuse liquid waste:

none proposed

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? ☑Yes ☐No

If Yes:

i. How much impervious surface will the project create in relation to total size of project parcel?

_____ Square feet or 5 acres (impervious surface)

_____ Square feet or 77.15 acres (parcel size)

ii. Describe types of new point sources. no uncontrolled point sources

iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

Developed areas of the site will be directed to proposed stormwater management practices including pocket ponds, porous asphalt, and bioretention basins

- If to surface waters, identify receiving water bodies or wetlands:

Existing on-site wetlands

- Will stormwater runoff flow to adjacent properties? All developed areas will flow to management practices ☐Yes ☑No

iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? ☑Yes ☐No

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? ☑Yes ☐No

If Yes, identify:

i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)

Construction equipment, construction materials deliveries,

ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)

none identified

iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

none identified other then wood campfires

g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? ☐Yes ☑No

If Yes:

i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) ☐Yes ☐No

ii. In addition to emissions as calculated in the application, the project will generate:

- _____Tons/year (short tons) of Carbon Dioxide (CO_2)
- _____Tons/year (short tons) of Nitrous Oxide (N_2O)
- _____Tons/year (short tons) of Perfluorocarbons (PFCs)
- _____Tons/year (short tons) of Sulfur Hexafluoride (SF_6)
- _____Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (HFCs)
- _____Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? ☐Yes ☑No

Package plant manufacturer confirmed aerobic process without methane production/emissions.

If Yes:

i. Estimate methane generation in tons/year (metric): _____

ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____

_____

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? ☐Yes ☑No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):

_____

_____

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? ☐Yes ☑No

If Yes:

PM Peak = 22 trips/hour

i. When is the peak traffic expected (Check all that apply): ☐ Morning ☑ Evening ☐Weekend

☐ Randomly between hours of _____ to _____.

ii. For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump trucks): _____

Deliveries will not involve large trucks. It is anticipated that up to 2 to 3 box truck deliveries could occur per day.

iii. Parking spaces: Existing 0 Proposed 166 Net increase/decrease _____

iv. Does the proposed action include any shared use parking? ☐Yes ☑No

v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:

An entrance drive will be constructed using the Route 212 frontage. A secondary, emergency access will be constructed from Cottontail Drive.

vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? ☐Yes ☑No

vii Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? ☑Yes ☐No

EV charging stations will be installed at parking areas.

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? ☐Yes ☑No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? ☑Yes ☐No

If Yes:

i. Estimate annual electricity demand during operation of the proposed action: _____

400,00 kW

ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other):

grid/local utility

iii. Will the proposed action require a new, or an upgrade, to an existing substation? ☐Yes ☑No

l. Hours of operation. Answer all items which apply.

i. During Construction:

- Monday - Friday: 8:00 AM to 5:00 PM
- Saturday: 9:00 AM to 4:00 PM
- Sunday: none
- Holidays: none

ii. During Operations:

- Monday - Friday: 6:00 AM - 10:00 PM
- Saturday: 6:00 AM - 10:00 PM
- Sunday: 6:00 AM - 10:00 PM
- Holidays: 6:00 AM to 10:00 PM

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? ☑ Yes ☐ No

If yes:

i. Provide details including sources, time of day and duration:

Construction vehicles, constrcution equipment, power tools, etc. operating during weekday work days, generally 8:00 AM to 5:00 PM. Sound sources expected during operations will include campers, cars and golf carts. There will be enforced quiet hours between 10 PM and 8 AM.

ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? ☑ Yes ☐ No

Describe: Some currently treed areas will be cut for such things as the lodge area, activity lawns, wellness pavilion, maintenance and operations area and for the access drive. Ample perimeter vegetation will remain and provide sound attenuation.

n. Will the proposed action have outdoor lighting? ☑ Yes ☐ No

If yes:

i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

along roads 25' tall light pole with hooded fixtures, wooden bollard with hooded fixture 3' tall mounting height, tree mounted downlights in select areas (grill areas, open lawns) the nearest tent to nearby residences is 204 feet with an intervening wooded area. See project lighting plans.

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? ☑ Yes ☐ No

Describe: See the response above regarding tree removal and sound. Vegetation to remain will screen project lighting.

o. Does the proposed action have the potential to produce odors for more than one hour per day? ☑ Yes ☐ No

If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures:

Wood campfires can happen at all hours. Typically the peak time is between 6:00 and 9:00 PM and some during 8:00 to 10:00 AM. The shortest distance between the proposed tents and the nearest residence (Monchik residence) is +/- 204 feet.

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? ☑ Yes ☐ No

If Yes:

i. Product(s) to be stored liquid propane

ii. Volume(s) 30,000 gal per unit time year (e.g., month, year)

iii. Generally, describe the proposed storage facilities:

three (3) aboveground LP gas storage tanks - 1 each for the pool and for the kitchen and one for general purposes

q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? ☑ Yes ☐ No

If Yes:

i. Describe proposed treatment(s):

Treatments will be made for mosquito and tick control 2 to 3 times a year. Preference will be given to non-synthetic products such as Bti mosquito dunks.

ii. Will the proposed action use Integrated Pest Management Practices? ☑ Yes ☐ No

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? ☐ Yes ☐ No

If Yes:

i. Describe any solid waste(s) to be generated during construction or operation of the facility:

- Construction: 192 tons per year (unit of time)
- Operation : 160 tons per year (unit of time)

ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:

- Construction: dedicated dumpster for recycling scrap, ordering proper sizes and quantities of construction materials
- Operation: cardboard, glass and metals recycling

iii. Proposed disposal methods/facilities for solid waste generated on-site:

- Construction: approved C&D facility, approved transfer station
- Operation: approved transfer facility or landfill utilized by commercial hauler

s. Does the proposed action include construction or modification of a solid waste management facility? ☐ Yes ☑ No

If Yes:

i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____

ii. Anticipated rate of disposal/processing:

- _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
- _____ Tons/hour, if combustion or thermal treatment

iii. If landfill, anticipated site life: _____ years

t. Will the proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? ☐ Yes ☑ No

If Yes:

i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

ii. Generally describe processes or activities involving hazardous wastes or constituents: _____

iii. Specify amount to be handled or generated _____ tons/month

iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? ☐ Yes ☐ No

If Yes: provide name and location of facility: _____

If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site

a. Existing land uses.

i. Check all uses that occur on, adjoining and near the project site.

☐ Urban ☐ Industrial ☑ Commercial ☑ Residential (suburban) ☐ Rural (non-farm)
☑ Forest ☐ Agriculture ☐ Aquatic ☐ Other (specify): _____

ii. If mix of uses, generally describe:

The site itself is wooded with existing woods roads and potable water wells installed by a previously approved subdivision. Residential areas are to the north and east, there is a home occupation business adjacent to the site (south) and South Peak Veterinary Hospital is north of the site on NY Route 212.

b. Land uses and covertypes on the project site.

Land use or Covertype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	0	5.0	+5.0
• Forested	66.94	62.22	-4.72
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)			
• Agricultural (includes active orchards, field, greenhouse etc.)			
• Surface water features (lakes, ponds, streams, rivers, etc.)	0.67	0.67	0
• Wetlands (freshwater or tidal)	9.9	9.62	-0.28
• Non-vegetated (bare rock, earth or fill)			
• Other Describe: _____			

c. Is the project site presently used by members of the community for public recreation? ☑ Yes ☐ No

i. If Yes: explain: some neighbors have stated that they use the private property for walking, etc.

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? ☐ Yes ☑ No

If Yes,

i. Identify Facilities:

Woodstock Day School is approximately 3,200 feet to the east. No such facilities within 1,500 feet of the site.

e. Does the project site contain an existing dam? ☐ Yes ☑ No

If Yes:

i. Dimensions of the dam and impoundment:

- Dam height: _____ feet
- Dam length: _____ feet
- Surface area: _____ acres
- Volume impounded: _____ gallons OR acre-feet

ii. Dam's existing hazard classification: _____

iii. Provide date and summarize results of last inspection:

_____

_____

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? ☐ Yes ☑ No

If Yes:

i. Has the facility been formally closed? ☐ Yes ☐ No

- If yes, cite sources/documentation: _____

ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:

_____

_____

iii. Describe any development constraints due to the prior solid waste activities: _____

_____

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? ☐ Yes ☑ No

If Yes:

i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:

_____

_____

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? ☐ Yes ☑ No

If Yes:

i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: ☐ Yes ☐ No

☐ Yes – Spills Incidents database Provide DEC ID number(s): _____

☐ Yes – Environmental Site Remediation database Provide DEC ID number(s): _____

☐ Neither database

ii. If site has been subject of RCRA corrective activities, describe control measures:_____

_____

_____

iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? ☑ Yes ☐ No

If yes, provide DEC ID number(s): 356003

iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):

PFAS and 1,4 dioxane are present above MCL levels in groundwater and sediment at the former Town of Saugerties landfill approximately 1/4 SSW of the Terramor site. According to NYSDEC's website accessed 6/20/22, the nature and extend of the contamination have not yet been determined. Testing of project site wells showed trace levels of PFOA and PFOS below NYS drinking water MCL levels at one of the wells. See attached letter report.

v. Is the project site subject to an institutional control limiting property uses? ☐ Yes ☑ No

- If yes, DEC site ID number: _____
- Describe the type of institutional control (e.g., deed restriction or easement): _____
- Describe any use limitations: _____
- Describe any engineering controls: _____
- Will the project affect the institutional or engineering controls in place? ☐ Yes ☐ No
- Explain: _____

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? 1-2 feet

b. Are there bedrock outcroppings on the project site? ☑ Yes ☐ No
If Yes, what proportion of the site is comprised of bedrock outcroppings? +/- 5 %

c. Predominant soil type(s) present on project site:

(AcB) Arnot Channery Silt Loam	33 %
(ORC) Oquaga-Arnot-Rock Outcrop	40 %
(ARF) Arnot-Oquaga-Rock Outcrop	10 %

d. What is the average depth to the water table on the project site? Average: >6 feet

e. Drainage status of project site soils:

☑ Well Drained:	85 % of site
☑ Moderately Well Drained:	5 % of site
☑ Poorly Drained	10 % of site

f. Approximate proportion of proposed action site with slopes:

☑ 0-10%:	45 % of site
☑ 10-15%:	55 % of site
☑ 15% or greater:	10 % of site

g. Are there any unique geologic features on the project site? ☐ Yes ☑ No
If Yes, describe: _____

h. Surface water features.

i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? ☑ Yes ☐ No

ii. Do any wetlands or other waterbodies adjoin the project site? ☑ Yes ☐ No

If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? ☑ Yes ☐ No

iv. For each identified regulated wetland and waterbody on the project site, provide the following information:

- Streams: Name 861-23, 861-29 Classification B
- Lakes or Ponds: Name _____ Classification _____
- Wetlands: Name Federal Waters, Federal Waters, Federal Waters,... Approximate Size _____
- Wetland No. (if regulated by DEC) _____

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? ☐ Yes ☑ No

If yes, name of impaired water body/bodies and basis for listing as impaired: _____

i. Is the project site in a designated Floodway? ☐ Yes ☑ No

j. Is the project site in the 100-year Floodplain? ☐ Yes ☑ No

k. Is the project site in the 500-year Floodplain? ☐ Yes ☑ No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? ☑ Yes ☐ No
If Yes:

i. Name of aquifer: Principal Aquifer

m. Identify the predominant wildlife species that occupy or use the project site:

Whitetail Deer	Wild Turkey	Red Spotted Newt
Eastern Gray Squirrel	American Crow	Wood Frog
White Footed Mouse	Common Grackle	Common Garter Snake

n. Does the project site contain a designated significant natural community? ☐ Yes ☑ No

If Yes:

i. Describe the habitat/community (composition, function, and basis for designation): _____

ii. Source(s) of description or evaluation: _____

iii. Extent of community/habitat:

- Currently: _____ acres
- Following completion of project as proposed: _____ acres
- Gain or loss (indicate + or -): _____ acres

o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? ☐ Yes ☑ No

If Yes:

i. Species and listing (endangered or threatened): _____

p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? ☐ Yes ☑ No

If Yes:

i. Species and listing: _____

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? ☐ Yes ☑ No

If yes, give a brief description of how the proposed action may affect that use: _____

E.3. Designated Public Resources On or Near Project Site

a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? ☐ Yes ☑ No

If Yes, provide county plus district name/number: _____

b. Are agricultural lands consisting of highly productive soils present? ☑ Yes ☐ No

i. If Yes: acreage(s) on project site? 36

ii. Source(s) of soil rating(s): USDA NRCS Custom Soils Report

c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? ☐ Yes ☑ No

If Yes:

i. Nature of the natural landmark: ☐ Biological Community ☐ Geological Feature

ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____

d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? ☐ Yes ☑ No

If Yes:

i. CEA name: _____

ii. Basis for designation: _____

iii. Designating agency and date: _____

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? ☐ Yes ☑ No

If Yes:

i. Nature of historic/archaeological resource: ☐ Archaeological Site ☐ Historic Building or District

ii. Name: _____

iii. Brief description of attributes on which listing is based:

_____

f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? ☑ Yes ☐ No

g. Have additional archaeological or historic site(s) or resources been identified on the project site? ☐ Yes ☑ No

If Yes:

i. Describe possible resource(s): None, see the attached no impact correspondence from NYSOPRHP.

ii. Basis for identification: _____

h. Is the project site within fives miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? ☐ Yes ☑ No

If Yes:

i. Identify resource: _____

ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): _____

iii. Distance between project and resource: _____ miles.

i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? ☐ Yes ☑ No

If Yes:

i. Identify the name of the river and its designation: _____

ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666? ☐ Yes ☐ No

F. Additional Information

Attach any additional information which may be needed to clarify your project.

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

I certify that the information provided is true to the best of my knowledge.

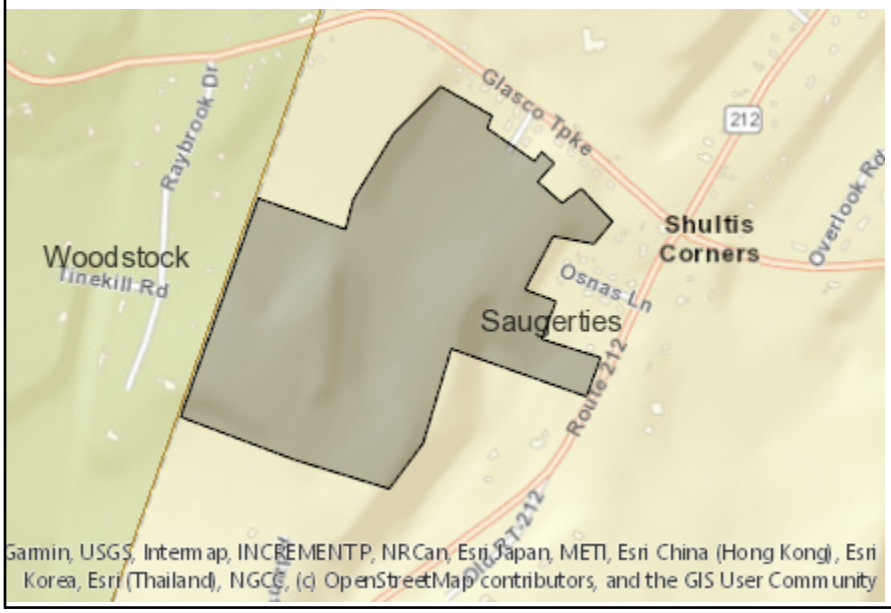
Applicant/Sponsor Name Kimberly White for Terramor Outdoor Resort Date July 1, 2022

Signature Kim White Title Project Manager

PRINT FORM

EAF Mapper Summary Report

Thursday, April 21, 2022 2:04 PM



Disclaimer: The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations.

B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	Yes
E.1.h.iii [Within 2,000' of DEC Remediation Site - DEC ID]	356003
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	Yes
E.2.h.ii [Surface Water Features]	Yes
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
E.2.h.iv [Surface Water Features - Stream Name]	861-23, 861-29
E.2.h.iv [Surface Water Features - Stream Classification]	B
E.2.h.iv [Surface Water Features - Wetlands Name]	Federal Waters
E.2.h.v [Impaired Water Bodies]	No
E.2.i. [Floodway]	No

E.2.j. [100 Year Floodplain]	No
E.2.k. [500 Year Floodplain]	No
E.2.l. [Aquifers]	Yes
E.2.l. [Aquifer Names]	Principal Aquifer
E.2.n. [Natural Communities]	No
E.2.o. [Endangered or Threatened Species]	No
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

December 21, 2021

Mr. Robert Parker
Facilities Development Manager
Kampgrounds of America
550 N 31st Street
Billings, MT 59101

Re: Ground Water Sampling Results
NY Route 212/Cotton Lane, Saugerties, NY

Dear Mr. Parker:

This letter transmits the analytical results for the ground water samples collected by Alpha Geological Services, D.P.C. (Alpha) and analyzed for the emerging contaminants 1,4-dioxane and per- and polyfluoroalkyl substances (PFAS) at the property at NY Route 212 (Saugerties-Woodstock Road) and Cotton Lane, Town of Saugerties, Ulster County, New York (Figure 1). The sampling was conducted for the benefit of Terramor, a division of KOA, who is a potential purchaser of the property. The ground water sampling and analysis were conducted in general accordance with Alpha's November 4, 2021 proposal and the NYSDEC's June 2021 "Sampling for 1,4-Dioxane and Per- and Polyfluoroalkyl Substances (PFAS) Under DEC's Part 375 Remedial Program."

The Site consists of two parcels totaling approximately 73 acres of wooded, undeveloped land. There are five water supply wells that were installed by a previous owner of the site as part of a cancelled development. The site is located approximately one quarter mile north-northeast of the former Saugerties Town Landfill. The New York State Department of Environmental Conservation (NYSDEC) is currently conducting an investigation of the landfill and has identified PFAS in ground water, surface water, and soil and 1,4-dioxane in ground water as contaminants of concern for the landfill. The purpose of the well evaluation and ground water sampling is to assess whether PFAS or 1,4-dioxane are present in the ground water at the subject site

Well Inventory

Alpha visited the property on November 9, 2021 to locate and evaluate the wells. Figure 2 shows the property layout with the existing well locations and inspection notes are summarized on Table 1. Alpha was provided information on six wells (Lot-1, Lot-7, Lot 10, Lot 15, Lot 17, and Lot-23). Five wells were located, corresponding to wells highlighted on a survey map provided to Alpha by Terramor. The well casings were labeled with the corresponding lot numbers. Two wells were found labeled "23". One of the "23" (plugged at 53 feet) is approximately 650 feet north of well Lot #1 and was found during November 9th site visit. The second "23" (measured depth 220 ft) was found on November 16th and is located approximately 600 feet east of the first well "23" on the northeast corner of the property near the property of Haeberer. Well "Lot-15" was not located.

Ground Water Elevations and Flow

The static depth to water was measured in each accessible well on November 9 and 16, 2021. The water level measurements were converted to the ground water elevations tabulated in Table 1. The November 16 ground water elevations were used to construct a water table contour map (Figure 2). The ground water flow is interpreted to the north and east. This is consistent with the ground water flow predicted based on local topography and surface drainage. The ground water elevation contours indicate that portions of the property may be down gradient of the former landfill.

Ground Water Quality Sampling and Results

Alpha purged and collected samples from two wells (Lot-1 and Lot 17) using the "Low Flow" purging and sampling method. The two well locations were chosen because of the reported yields greater than 5 gallons per minute (gpm) and location relative to the former landfill. Both the wells were purged and sampled using a Grundfos Rediflo2 submersible pump with new, dedicated high-density polyethylene (HDPE) tubing. The pump was set at a depth of approximately 200 feet below the top of casing at each well.

The pump discharge was connected to a flow-through cell with a muli-parameter meter to monitor pH, specific conductivity, turbidity, oxidation-reduction potential, and dissolved oxygen. The wells were purged at a rate that minimized drawdown, until measured field parameters stabilized within the criteria described in the USEPA's "Low Stress (Low Flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells" (September 2017 revision).

Care was taken during purging and sampling to minimize the potential for sample cross-contamination by not wearing clothing or boots that had been treated to be water-resistant; not using water-resistant paper, labels, self-sticking notes, aluminum foil, sharpies, or blue-gel ice packs; and not handling any pre-packaged food or snacks, cosmetics, moisturizers, hand creams prior to or during sampling. The sampler used new nitrile gloves while purging and while sampling. Laboratory-provided sample containers were filled from the pump discharge prior to passing through the water quality meter flow-cell. The pump and re-usable equipment were decontaminated between locations using "Liquinox" detergent and PFOS-free spring water, followed by a spring water rinse.

The ground water samples were submitted to SGS North America, Inc's laboratory in Dayton, NJ under chain-of-custody protocols for analysis of the list of 21 PFAS compounds by modified EPA Method 537 using isotope dilution and for 1,4-dioxane by EPA Method 8270 SIM. An equipment blank was prepared using laboratory-provided reagent water and the decontaminated pump, prior to use for purging. A field blank was prepared using laboratory-provided reagent water prior to sampling at Lot #1. A field duplicate and matrix spike/matrix spike duplicate (MS/MSD) were submitted from well "Lot 1." The laboratory provided a "Category B" deliverable package so that the data could be validated, if needed.

Table 2 summarizes the laboratory results. No 1,4 dioxane was detected above the laboratory reporting limit of 1.0 micrograms per liter (ug/L) at either location. No PFAS compounds were

detected in the sample from Lot-17. Trace concentrations of six PFAS compounds (PFBA, PFHpA, PFHxA, PFOS, PFOA, and PFPeA) were detected in the sample well Lot-1 and the duplicate sample from Lot-1. The New York State Department of Health (NYSDOH's) MCL for drinking water for PFOA and PFOS is 10 ng/L, individually. The NYSDEC released new water quality guidance values for PFOA (6.7 ng/L) and PFOS (2.7 ng/L). New York State has not established a water quality standard for the 19 other PFAS analyzed. The detected concentrations at Lot-1 of PFOA (5.2 ng/L) and PFOS (1.7 ng/L) are below the NYSDOH's drinking water MCL and the NYSDEC's guidance values for ground water.

Findings

Based on the results of the ground water samples, Alpha makes the following conclusions:

- Ground water flow at the site is from the south and west north, consistent with topography and surface drainage.

- 1,4-dioxane was not present in the ground water.

- PFOA and PFOS were detected at trace concentrations below the NYS drinking water MCL and ground water guidance values in the sample from Lot-1. No PFAS were detected at Lot-17.

Alpha will provide the final laboratory report when available. Please do not hesitate to contact me if you have any questions.

Sincerely,
Alpha Geoscience

Scott M. Hulseapple, PG, CPG
Hydrogeologist

Attachments

Z:\projects\2021\21100-21120\21118 - Terramor-Saugerties\5_0 Reports\Sampling Results.docx

TABLE 1

Well Information

Terramor Outdoor Resorts

Town of Saugerties, Ulster County, New York

					November 2021 Observations							
Lot Number	**DEC Well Number**	**Reported Total Depth (feet btoc)[1]**	**Reported Elevation (ft msl)[1]**	**Reported Yield (GPM)**	**Measured Total Depth (feet btoc)[2]**	**Ground Elevation (ft msl)[3]**	**Measured Stickup (feet)**	**Depth to Water 11/9/21 (ft btoc)**	**Water Elevation 11/9/21 (ft msl)**	**Depth to Water 11/16/21 (ft btoc)**	**Water Elevation 11/16/21 (ft msl)**	**Notes**
1	U5818	223	537	20	223	498.2	1.48	77.92	421.8	75.86	423.8	Titan well driller performed 8 hour yield test in 2008.
7	N/A	598	N/A	0.5	>300	535.3	1.35	58.19	478.5	54.64	482.0	
10	U5817	573	552	NR	>300	516.9	1.98	34.52	484.4	31.98	486.9	
15	N/A	498	N/A	6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Not located in 2021. Titan performed 8 hour yield test in 2010.
17	U5912	248	450	10	250	521.2	1.28	43.19	479.3	97.59	424.9	11/9/21 water level measurement is suspected error.
23	U7437	198	1487	6	220	432.6	1.50	NM	NM	9.7	424.4	There are two wells labeled Lot 23. One (plugged at 53 feet) is located due north of Lot #1, the second (measured depth 220 ft) is located on the northeast corner of the property near the property of Haeberer. Yield test performed in 2010.

Notes:

1 - Well depth and elevation as reported on drilling log or NYSDEC Water Well Completion Report

2 - Well depth measured by Alpha November 2021.

3 - Ground elevation estimated based on USGS 2014 1-meter Digital Elevation Model (DEM).

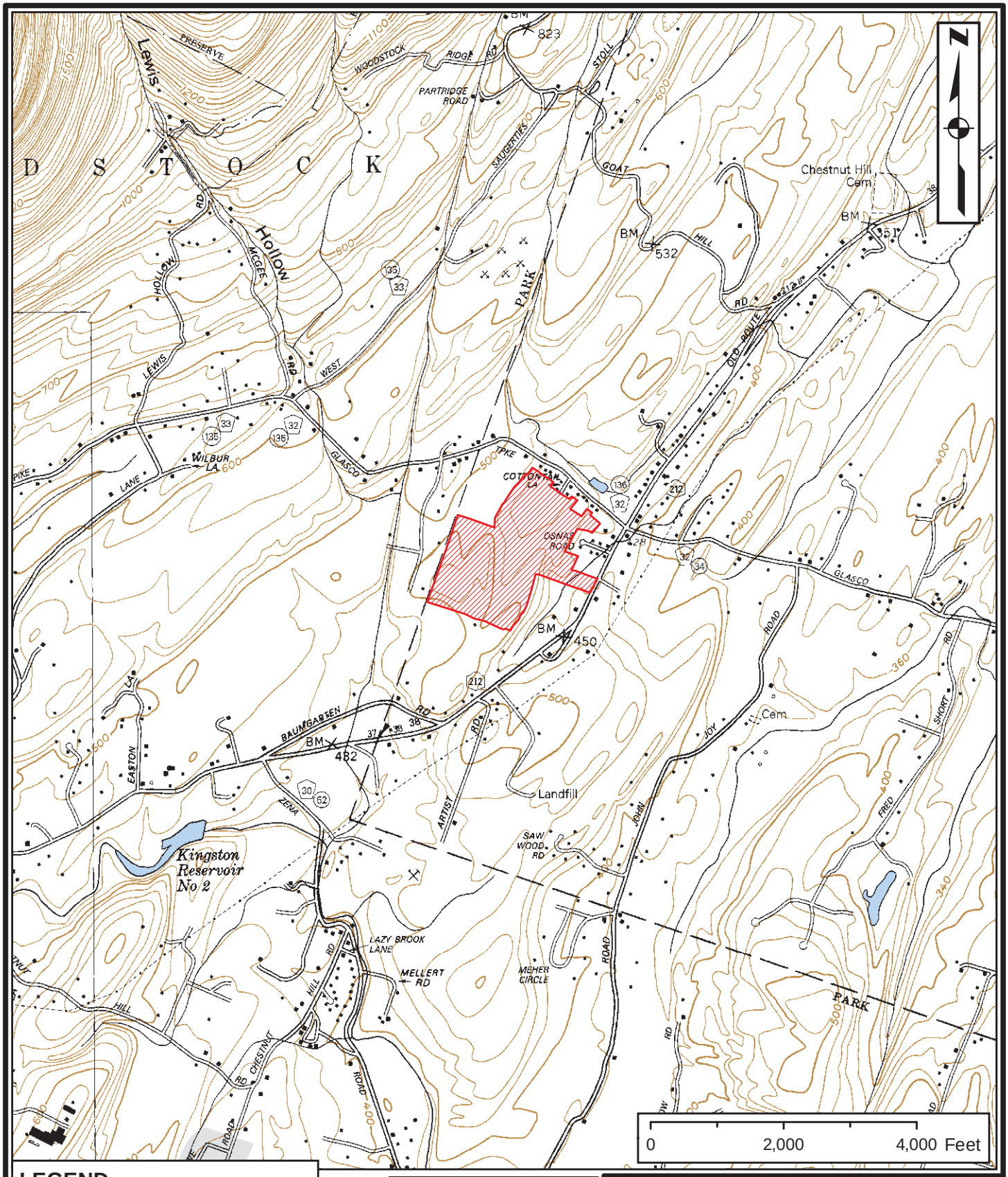
ft btoc - feet below top of casing.

ft msl - feet relative to mean sea level (NAVD88).

TABLE 2
Summary of Ground Water Analytical Results
November 16, 2021
Terramor Outdoor Resorts
Town of Saugerties, Ulster County, New York

			Ground Water Samples			QA/QC Samples	
Parameter	**Units**	**NY DOH MCL for Finished Drinking Water**	**Lot 1**	**Lot 1 (Duplicate)**	**Lot 17**	**Equipment Blank**	**Field Blank**
Per- and Polyfluoroalkyl Substances (PFAS)							
Perfluorobutanesulfonic acid (PFBS)	ng/L	NS	ND<1.9	ND<1.9	ND<1.9	ND<2.0	ND<1.9
Perfluorobutanoic acid (PFBA)	ng/L	NS	6.2	6.3	ND<3.7	ND<4.0	ND<3.7
Perfluorodecanesulfonic acid (PFDS)	ng/L	NS	ND<1.9	ND<1.9	ND<1.9	ND<2.0	ND<1.9
Perfluorodecanoic acid (PFDA)	ng/L	NS	ND<1.9	ND<1.9	ND<1.9	ND<2.0	ND<1.9
Perfluorododecanoic acid (PFDoA)	ng/L	NS	ND<1.9	ND<1.9	ND<1.9	ND<2.0	ND<1.9
Perfluoroheptanesulfonic acid (PFHpS)	ng/L	NS	ND<1.9	ND<1.9	ND<1.9	ND<2.0	ND<1.9
Perfluoroheptanoic acid (PFHpA)	ng/L	NS	2.4	2.4	ND<1.9	ND<2.0	ND<1.9
Perfluorohexanesulfonic acid (PFHxS)	ng/L	NS	ND<1.9	ND<1.9	ND<1.9	ND<2.0	ND<1.9
Perfluorohexanoic acid (PFHxA)	ng/L	NS	2.0	1.9	ND<1.9	ND<2.0	ND<1.9
Perfluorononanoic acid (PFNA)	ng/L	NS	ND<1.9	ND<1.9	ND<1.9	ND<2.0	ND<1.9
Perfluorooctanesulfonic acid (PFOS)	ng/L	10	1.7	1.6	ND<1.9	ND<2.0	ND<1.9
Perfluorooctanoic acid (PFOA)	ng/L	10	5.2	5.1	ND<1.9	ND<2.0	ND<1.9
Perfluoropentanoic acid (PFPeA)	ng/L	NS	1.7	1.8	ND<1.9	ND<2.0	ND<1.9
Perfluorotetradecanoic acid (PFTA)	ng/L	NS	ND<1.9	ND<1.9	ND<1.9	ND<2.0	ND<1.9
Perfluorotridecanoic acid (PFTrDA)	ng/L	NS	ND<1.9	ND<1.9	ND<1.9	ND<2.0	ND<1.9
Perfluoroundecanoic acid (PFUnA)	ng/L	NS	ND<1.9	ND<1.9	ND<1.9	ND<2.0	ND<1.9
Perfluorooctanesulfonamide (PFOSA)	ng/L	NS	ND<3.7	ND<3.7	ND<3.7	ND<4.0	ND<3.7
n-Ethyl perfluorooctane sulfonamidoacetic acid (N-EtFOSAA)	ng/L	NS	ND<3.7	ND<3.7	ND<3.7	ND<4.0	ND<3.7
n-Methyl perfluorooctane sulfonamidoacetic acid (N-MeFOSAA)	ng/L	NS	ND<3.7	ND<3.7	ND<3.7	ND<4.0	ND<3.7
6:2 Fluorotelomersulfonate (6:2 FTS)	ng/L	NS	ND<7.4	ND<7.4	ND<7.4	ND<8.0	ND<7.4
8:2 Fluorotelomersulfonate (8:2 FTS)	ng/L	NS	ND<7.4	ND<7.4	ND<7.4	ND<8.0	ND<7.4
1,4-Dioxane							
1,4-Dioxane	ug/L	1	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0

Notes:
Results are reported in nanograms per liter (ng/L), which is approximately equivalent to parts per trillion (ppt).
ND = Not Detected at reporting limit indicated
NS = No Standard
NY DOH MCL = New York State Proposed MCL for drinking water.
Results are preliminary pending receipt of final laboratory report.



Source:
-NYSDOT 7.5-minute topographic map (Woodstock quadrangle).
-Elevations are shown in feet above mean sea level.
-Contour interval is 20 feet.

ALPHA GEOSCIENCE
Proj. No. 21118

FIGURE 1
Site Location Map

KOA/Terramor Property
Town of Saugerties
Ulster County, New York

Path: Z:\projects\2021\21100-21120\21118 - Terramor-Saugerties\15_0 GIS\Site_Location_Map.mxd
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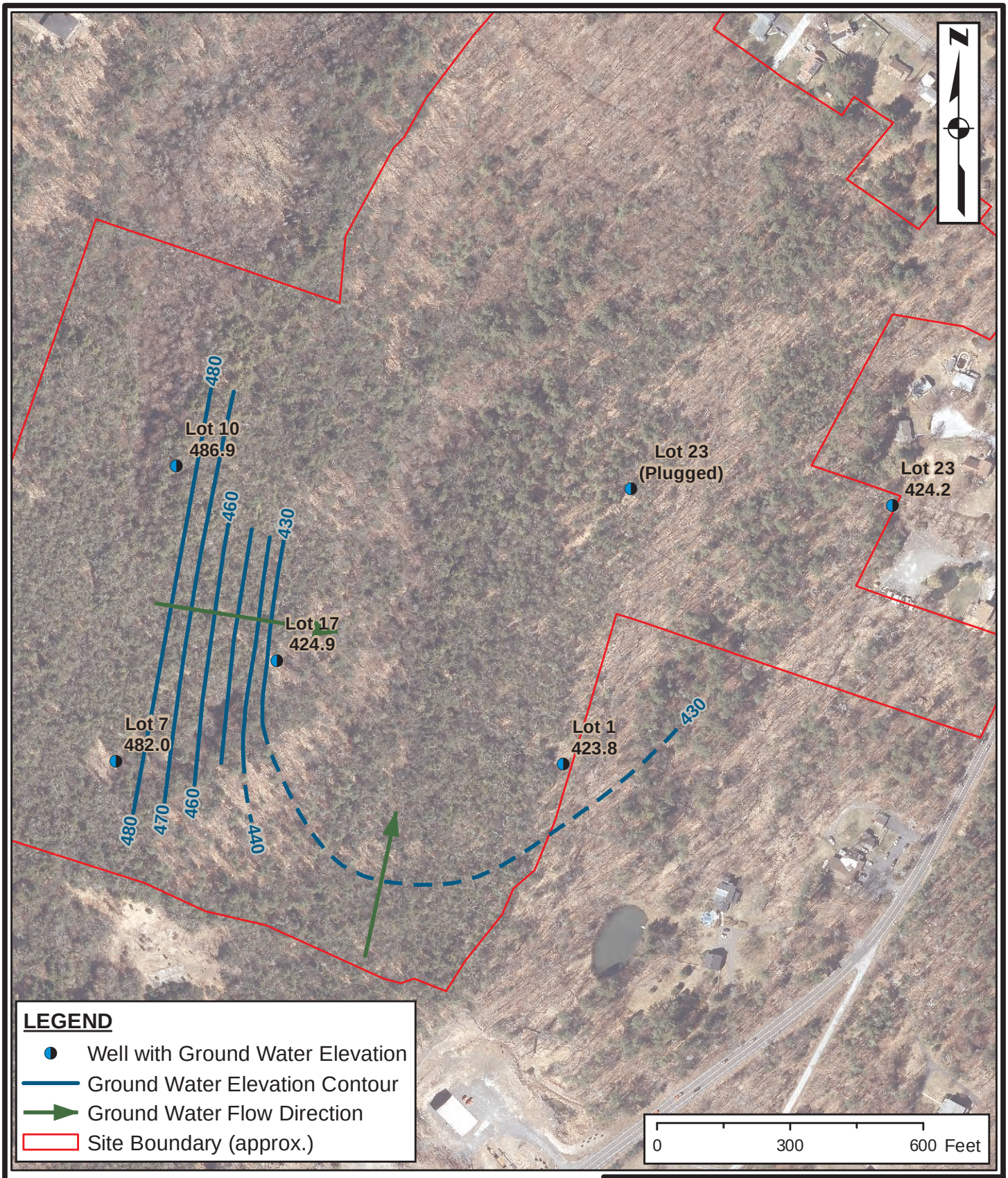

Notes:
-Ulster County six-inch resolution natural color orthoimagery (Spring 2021), NYS Office of Information Technology Services (ITS)(http://www.nysgis.state.ny.us).
-Water levels measured by Alpha on November 16, 2021.
-Elevations are shown in feet above mean sea level (NAVD88).
-Contour interval is 20 feet.
-Not a surveyed map. Well locations and property boundary are approximate.

ALPHA GEOSCIENCE
Proj. No. 21118

FIGURE 2
Well Location and Ground Water Contour Map
November 16, 2021

KOA/Terramor Property
Town of Saugerties
Ulster County, New York

Path: Z:\projects\2021\21100-21120\21118 - Terramor-Saugerties\15_0 GIS\GWE_20211116.mxd
Date Saved: 12/9/2021 6:23:02 PM

ATTACHMENT A

Laboratory Report

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Alpha Geological Services, Inc.

NY Route 212, Town of Saugerties, NY

21118

SGS Job Number: JD35572

Sampling Date: 11/16/21

Report to:

Alpha Geological Services, Inc.

shulseapple@alphageoscience.com

ATTN: Scott Hulseapple

Total number of pages in report: 30

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Mike Earp
General Manager

Client Service contact: Jadon Schiller 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TX, UT, VA, WV, DoD ELAP (ANAB L2248)

Table of Contents

Sample Summary

Alpha Geological Services, Inc.

Job No: JD35572

NY Route 212, Town of Saugerties, NY
Project No: 21118

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JD35572-1	11/16/21	15:42	SH/NS	11/19/21	AQ	Ground Water	LOT 1
JD35572-1A	11/16/21	15:42	SH/NS	11/19/21	AQ	Ground Water	LOT 1
JD35572-1AD	11/16/21	15:42	SH/NS	11/19/21	AQ	Water Dup/MSD	MSD (LOT 1)
JD35572-1AS	11/16/21	15:42	SH/NS	11/19/21	AQ	Water Matrix Spike	MS (LOT 1)
JD35572-2	11/16/21	13:02	SH/NS	11/19/21	AQ	Ground Water	LOT 17
JD35572-2A	11/16/21	13:02	SH/NS	11/19/21	AQ	Ground Water	LOT 17
JD35572-3	11/16/21	00:01	SH/NS	11/19/21	AQ	Ground Water	DUP-1
JD35572-3A	11/16/21	00:01	SH/NS	11/19/21	AQ	Ground Water	DUP-1
JD35572-4	11/16/21	13:50	SH/NS	11/19/21	AQ	Equipment Blank	EB
JD35572-4A	11/16/21	13:50	SH/NS	11/19/21	AQ	Equipment Blank	EB
JD35572-5	11/16/21	14:05	SH/NS	11/19/21	AQ	Field Blank Water	FB
JD35572-5A	11/16/21	14:05	SH/NS	11/19/21	AQ	Field Blank Water	FB

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Alpha Geological Services, Inc.	**Job No:**	JD35572
Site:	NY Route 212, Town of Saugerties, NY	**Report Date**	12/10/2021 5:25:05 P

On 11/19/2021, 4 Sample(s), 0 Trip Blank(s) and 1 Field Blank(s) were received at SGS North America Inc. at a maximum corrected temperature of 0.9 C. Samples were intact and chemically preserved, unless noted below. A SGS North America Inc. Job Number of JD35572 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Compounds qualified as out of range in the continuing calibration summary report are acceptable as per method requirements when there is a high bias but the sample result is non-detect.

MS Semi-volatiles By Method EPA 537M BY ID

Matrix: AQ **Batch ID:** F:OP88689

- The data for EPA 537M BY ID meets quality control requirements.
- JD35572-1A: Analysis performed at SGS Orlando, FL.
- JD35572-2A: Analysis performed at SGS Orlando, FL.
- JD35572-3A: Analysis performed at SGS Orlando, FL.
- JD35572-5A: Analysis performed at SGS Orlando, FL.
- JD35572-4A: Analysis performed at SGS Orlando, FL.
- JD35572-2A for Perfluorobutanoic acid: Associated ID Standard outside control limits.
- JD35572-4A for Perfluorodecanesulfonic acid: Associated ID Standard outside control limits.

MS Semi-volatiles By Method SW846 8270E

Matrix: AQ **Batch ID:** OP36748

- All samples were extracted within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- OP36748-BSD: Recovery indicates possible low bias. Since balnk spike and samples recoveries are within control limits, data are qualified and reported.
- OP36748-BSD for 1,4-Dioxane: Analytical precision exceeds in-house control limits.
- OP36748-BSD for Nitrobenzene-d5: Outside of in house control limits.
- JD35572-1 for 1,4-Dioxane: Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
- JD35572-2 for 1,4-Dioxane: Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
- JD35572-3 for 1,4-Dioxane: Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
- JD35572-4 for 1,4-Dioxane: Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
- JD35572-5 for 1,4-Dioxane: Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

SGS North America Inc. certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting the Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS North America Inc. is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by SGS North America Inc indicated via signature on the report cover

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: SGS Dayton, NJ **Job No:** JD35572

Site: ALGSNYCP: NY Route 212, Town of Saugerties, NY **Report Date** 12/15/2021 9:07:34

On 11/19/2021, 4 Sample(s), 0 Trip Blank(s) were received at SGS North America Inc. at a maximum corrected temperature of 0.8 C. Samples were intact and chemically preserved, unless noted below. A SGS North America Inc. Job Number of JD35572 was Assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section. Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Semi-volatiles By Method EPA 537M BY ID

Matrix: AQ **Batch ID:** OP88689

Sample(s) JD35572-1AMS, JD35572-1AMSD were used as the QC samples indicated.

Sample(s) JD35572-2A, JD35572-4A have surrogates outside control limits.

JD35572-2A for Perfluorobutanoic acid: Associated ID Standard outside control limits.

JD35572-2A for 13C4-PFBA: Outside control limits.

JD35572-4A for Perfluorodecanesulfonic acid: Associated ID Standard outside control limits.

JD35572-4A for Perfluorododecanoic acid: Associated ID Standard outside control limits.

JD35572-4A for Perfluorotridecanoic acid: Associated ID Standard outside control limits.

JD35572-4A for Perfluoroundecanoic acid: Associated ID Standard outside control limits.

JD35572-4A for 13C2-PFDoDA: Outside control limits.

JD35572-4A for 13C7-PFUnDA: Outside control limits.

SGS North America Inc. certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting the Quality System precision, accuracy and completeness objectives except as noted. Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria. SGS North America Inc. is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety.

Narrative prepared by:

_____

Ariel Hartney, Client Services (signature on file)

Summary of Hits

Job Number: JD35572
Account: Alpha Geological Services, Inc.
Project: NY Route 212, Town of Saugerties, NY
Collected: 11/16/21

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JD35572-1	**LOT 1**					
No hits reported in this sample.						
JD35572-1A	**LOT 1**					
Perfluorobutanoic acid [a]		6.2	3.7	1.9	ng/l	EPA 537M BY ID
Perfluoropentanoic acid [a]		1.7 J	1.9	0.93	ng/l	EPA 537M BY ID
Perfluorohexanoic acid [a]		2.0	1.9	0.93	ng/l	EPA 537M BY ID
Perfluoroheptanoic acid [a]		2.4	1.9	0.93	ng/l	EPA 537M BY ID
Perfluorooctanoic acid [a]		5.2	1.9	0.93	ng/l	EPA 537M BY ID
Perfluorooctanesulfonic acid [a]		1.7 J	1.9	0.93	ng/l	EPA 537M BY ID
JD35572-2	**LOT 17**					
No hits reported in this sample.						
JD35572-2A	**LOT 17**					
No hits reported in this sample.						
JD35572-3	**DUP-1**					
No hits reported in this sample.						
JD35572-3A	**DUP-1**					
Perfluorobutanoic acid [a]		6.3	3.7	1.9	ng/l	EPA 537M BY ID
Perfluoropentanoic acid [a]		1.8 J	1.9	0.93	ng/l	EPA 537M BY ID
Perfluorohexanoic acid [a]		1.9	1.9	0.93	ng/l	EPA 537M BY ID
Perfluoroheptanoic acid [a]		2.4	1.9	0.93	ng/l	EPA 537M BY ID
Perfluorooctanoic acid [a]		5.1	1.9	0.93	ng/l	EPA 537M BY ID
Perfluorooctanesulfonic acid [a]		1.6 J	1.9	0.93	ng/l	EPA 537M BY ID
JD35572-4	**EB**					
No hits reported in this sample.						
JD35572-4A	**EB**					
No hits reported in this sample.						
JD35572-5	**FB**					
No hits reported in this sample.						

Summary of Hits

Job Number: JD35572
Account: Alpha Geological Services, Inc.
Project: NY Route 212, Town of Saugerties, NY
Collected: 11/16/21

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method

JD35572-5A FB

No hits reported in this sample.

(a) Analysis performed at SGS Orlando, FL.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	LOT 1		
Lab Sample ID:	JD35572-1	**Date Sampled:**	11/16/21
Matrix:	AQ - Ground Water	**Date Received:**	11/19/21
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	NY Route 212, Town of Saugerties, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E115355.D	1	11/24/21 21:04	CS	11/22/21 10:20	OP36748	E3E5272
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane [a]	ND	1.0	0.66	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	62%		35-127%
321-60-8	2-Fluorobiphenyl	76%		35-121%
1718-51-0	Terphenyl-d14	61%		28-135%

(a) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: LOT 1
Lab Sample ID: JD35572-1A
Matrix: AQ - Ground Water
Method: EPA 537M BY ID EPA 537 MOD
Project: NY Route 212, Town of Saugerties, NY

Date Sampled: 11/16/21
Date Received: 11/19/21
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	3Q50208.D	1	12/09/21 21:51	AFL	12/07/21 09:00	F:OP88689	F:S3Q706
Run #2							

	Initial Volume	Final Volume
Run #1	270 ml	1.0 ml
Run #2		

PFAS List

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYLCARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	6.2	3.7	1.9	ng/l	
2706-90-3	Perfluoropentanoic acid	1.7	1.9	0.93	ng/l	J
307-24-4	Perfluorohexanoic acid	2.0	1.9	0.93	ng/l	
375-85-9	Perfluoroheptanoic acid	2.4	1.9	0.93	ng/l	
335-67-1	Perfluorooctanoic acid	5.2	1.9	0.93	ng/l	
375-95-1	Perfluorononanoic acid	ND	1.9	0.93	ng/l	
335-76-2	Perfluorodecanoic acid	ND	1.9	0.93	ng/l	
2058-94-8	Perfluoroundecanoic acid	ND	1.9	0.93	ng/l	
307-55-1	Perfluorododecanoic acid	ND	1.9	0.93	ng/l	
72629-94-8	Perfluorotridecanoic acid	ND	1.9	0.93	ng/l	
376-06-7	Perfluorotetradecanoic acid	ND	1.9	0.93	ng/l	
PERFLUOROALKYLSULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	1.9	0.93	ng/l	
355-46-4	Perfluorohexanesulfonic acid	ND	1.9	0.93	ng/l	
375-92-8	Perfluoroheptanesulfonic acid	ND	1.9	0.93	ng/l	
1763-23-1	Perfluorooctanesulfonic acid	1.7	1.9	0.93	ng/l	J
335-77-3	Perfluorodecanesulfonic acid	ND	1.9	0.93	ng/l	
PERFLUOROOCTANESULFONAMIDES						
754-91-6	PFOSA	ND	3.7	1.9	ng/l	
PERFLUOROOCTANESULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	3.7	1.9	ng/l	
2991-50-6	EtFOSAA	ND	3.7	1.9	ng/l	
FLUOROTELOMER SULFONATES						
27619-97-2	6:2 Fluorotelomer sulfonate	ND	7.4	1.9	ng/l	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	7.4	1.9	ng/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LOT 1		
Lab Sample ID:	JD35572-1A	**Date Sampled:**	11/16/21
Matrix:	AQ - Ground Water	**Date Received:**	11/19/21
Method:	EPA 537M BY ID EPA 537 MOD	**Percent Solids:**	n/a
Project:	NY Route 212, Town of Saugerties, NY		

PFAS List

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	87%		35-135%
	13C5-PFPeA	87%		50-150%
	13C5-PFHxA	88%		50-150%
	13C4-PFHpA	91%		50-150%
	13C8-PFOA	95%		50-150%
	13C9-PFNA	94%		50-150%
	13C6-PFDA	94%		50-150%
	13C7-PFUnDA	90%		40-140%
	13C2-PFDoDA	87%		40-140%
	13C2-PFTeDA	82%		30-130%
	13C3-PFBS	85%		50-150%
	13C3-PFHxS	90%		50-150%
	13C8-PFOS	91%		50-150%
	13C8-FOSA	92%		30-130%
	d3-MeFOSAA	97%		40-140%
	d5-EtFOSAA	90%		40-140%
	13C2-6:2FTS	91%		50-150%
	13C2-8:2FTS	90%		50-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LOT 17		
Lab Sample ID:	JD35572-2	**Date Sampled:**	11/16/21
Matrix:	AQ - Ground Water	**Date Received:**	11/19/21
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	NY Route 212, Town of Saugerties, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E115356.D	1	11/24/21 21:29	CS	11/22/21 10:20	OP36748	E3E5272
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane [a]	ND	1.0	0.66	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	47%		35-127%
321-60-8	2-Fluorobiphenyl	54%		35-121%
1718-51-0	Terphenyl-d14	55%		28-135%

(a) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LOT 17		
Lab Sample ID:	JD35572-2A	**Date Sampled:**	11/16/21
Matrix:	AQ - Ground Water	**Date Received:**	11/19/21
Method:	EPA 537M BY ID EPA 537 MOD	**Percent Solids:**	n/a
Project:	NY Route 212, Town of Saugerties, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	3Q50213.D	1	12/09/21 23:14	AFL	12/07/21 09:00	F:OP88689	F:S3Q706
Run #2							

	Initial Volume	Final Volume
Run #1	270 ml	1.0 ml
Run #2		

PFAS List

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYLCARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid [b]	ND	3.7	1.9	ng/l	
2706-90-3	Perfluoropentanoic acid	ND	1.9	0.93	ng/l	
307-24-4	Perfluorohexanoic acid	ND	1.9	0.93	ng/l	
375-85-9	Perfluoroheptanoic acid	ND	1.9	0.93	ng/l	
335-67-1	Perfluorooctanoic acid	ND	1.9	0.93	ng/l	
375-95-1	Perfluorononanoic acid	ND	1.9	0.93	ng/l	
335-76-2	Perfluorodecanoic acid	ND	1.9	0.93	ng/l	
2058-94-8	Perfluoroundecanoic acid	ND	1.9	0.93	ng/l	
307-55-1	Perfluorododecanoic acid	ND	1.9	0.93	ng/l	
72629-94-8	Perfluorotridecanoic acid	ND	1.9	0.93	ng/l	
376-06-7	Perfluorotetradecanoic acid	ND	1.9	0.93	ng/l	
PERFLUOROALKYLSULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	1.9	0.93	ng/l	
355-46-4	Perfluorohexanesulfonic acid	ND	1.9	0.93	ng/l	
375-92-8	Perfluoroheptanesulfonic acid	ND	1.9	0.93	ng/l	
1763-23-1	Perfluorooctanesulfonic acid	ND	1.9	0.93	ng/l	
335-77-3	Perfluorodecanesulfonic acid	ND	1.9	0.93	ng/l	
PERFLUOROOCTANESULFONAMIDES						
754-91-6	PFOSA	ND	3.7	1.9	ng/l	
PERFLUOROOCTANESULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	3.7	1.9	ng/l	
2991-50-6	EtFOSAA	ND	3.7	1.9	ng/l	
FLUOROTELOMER SULFONATES						
27619-97-2	6:2 Fluorotelomer sulfonate	ND	7.4	1.9	ng/l	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	7.4	1.9	ng/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LOT 17		
Lab Sample ID:	JD35572-2A	**Date Sampled:**	11/16/21
Matrix:	AQ - Ground Water	**Date Received:**	11/19/21
Method:	EPA 537M BY ID EPA 537 MOD	**Percent Solids:**	n/a
Project:	NY Route 212, Town of Saugerties, NY		

PFAS List

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	21% [c]		35-135%
	13C5-PFPeA	101%		50-150%
	13C5-PFHxA	104%		50-150%
	13C4-PFHpA	106%		50-150%
	13C8-PFOA	111%		50-150%
	13C9-PFNA	110%		50-150%
	13C6-PFDA	109%		50-150%
	13C7-PFUnDA	104%		40-140%
	13C2-PFDoDA	100%		40-140%
	13C2-PFTeDA	84%		30-130%
	13C3-PFBS	102%		50-150%
	13C3-PFHxS	106%		50-150%
	13C8-PFOS	109%		50-150%
	13C8-FOSA	112%		30-130%
	d3-MeFOSAA	113%		40-140%
	d5-EtFOSAA	108%		40-140%
	13C2-6:2FTS	106%		50-150%
	13C2-8:2FTS	103%		50-150%

(a) Analysis performed at SGS Orlando, FL.
(b) Associated ID Standard outside control limits.
(c) Outside control limits.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-1		
Lab Sample ID:	JD35572-3	**Date Sampled:**	11/16/21
Matrix:	AQ - Ground Water	**Date Received:**	11/19/21
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	NY Route 212, Town of Saugerties, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E115357.D	1	11/24/21 21:53	CS	11/22/21 10:20	OP36748	E3E5272
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane [a]	ND	1.0	0.66	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	59%		35-127%
321-60-8	2-Fluorobiphenyl	74%		35-121%
1718-51-0	Terphenyl-d14	41%		28-135%

(a) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DUP-1
Lab Sample ID: JD35572-3A
Matrix: AQ - Ground Water
Method: EPA 537M BY ID EPA 537 MOD
Project: NY Route 212, Town of Saugerties, NY

Date Sampled: 11/16/21
Date Received: 11/19/21
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	3Q50214.D	1	12/09/21 23:31	AFL	12/07/21 09:00	F:OP88689	F:S3Q706
Run #2							

	Initial Volume	Final Volume
Run #1	270 ml	1.0 ml
Run #2		

PFAS List

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYLCARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	6.3	3.7	1.9	ng/l	
2706-90-3	Perfluoropentanoic acid	1.8	1.9	0.93	ng/l	J
307-24-4	Perfluorohexanoic acid	1.9	1.9	0.93	ng/l	
375-85-9	Perfluoroheptanoic acid	2.4	1.9	0.93	ng/l	
335-67-1	Perfluorooctanoic acid	5.1	1.9	0.93	ng/l	
375-95-1	Perfluorononanoic acid	ND	1.9	0.93	ng/l	
335-76-2	Perfluorodecanoic acid	ND	1.9	0.93	ng/l	
2058-94-8	Perfluoroundecanoic acid	ND	1.9	0.93	ng/l	
307-55-1	Perfluorododecanoic acid	ND	1.9	0.93	ng/l	
72629-94-8	Perfluorotridecanoic acid	ND	1.9	0.93	ng/l	
376-06-7	Perfluorotetradecanoic acid	ND	1.9	0.93	ng/l	
PERFLUOROALKYLSULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	1.9	0.93	ng/l	
355-46-4	Perfluorohexanesulfonic acid	ND	1.9	0.93	ng/l	
375-92-8	Perfluoroheptanesulfonic acid	ND	1.9	0.93	ng/l	
1763-23-1	Perfluorooctanesulfonic acid	1.6	1.9	0.93	ng/l	J
335-77-3	Perfluorodecanesulfonic acid	ND	1.9	0.93	ng/l	
PERFLUOROOCTANESULFONAMIDES						
754-91-6	PFOSA	ND	3.7	1.9	ng/l	
PERFLUOROOCTANESULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	3.7	1.9	ng/l	
2991-50-6	EtFOSAA	ND	3.7	1.9	ng/l	
FLUOROTELOMER SULFONATES						
27619-97-2	6:2 Fluorotelomer sulfonate	ND	7.4	1.9	ng/l	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	7.4	1.9	ng/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP-1		
Lab Sample ID:	JD35572-3A	**Date Sampled:**	11/16/21
Matrix:	AQ - Ground Water	**Date Received:**	11/19/21
Method:	EPA 537M BY ID EPA 537 MOD	**Percent Solids:**	n/a
Project:	NY Route 212, Town of Saugerties, NY		

PFAS List

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	104%		35-135%
	13C5-PFPeA	105%		50-150%
	13C5-PFHxA	105%		50-150%
	13C4-PFHpA	110%		50-150%
	13C8-PFOA	116%		50-150%
	13C9-PFNA	116%		50-150%
	13C6-PFDA	114%		50-150%
	13C7-PFUnDA	109%		40-140%
	13C2-PFDoDA	103%		40-140%
	13C2-PFTeDA	90%		30-130%
	13C3-PFBS	103%		50-150%
	13C3-PFHxS	111%		50-150%
	13C8-PFOS	110%		50-150%
	13C8-FOSA	112%		30-130%
	d3-MeFOSAA	116%		40-140%
	d5-EtFOSAA	106%		40-140%
	13C2-6:2FTS	111%		50-150%
	13C2-8:2FTS	107%		50-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB		
Lab Sample ID:	JD35572-4	**Date Sampled:**	11/16/21
Matrix:	AQ - Equipment Blank	**Date Received:**	11/19/21
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	NY Route 212, Town of Saugerties, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E115358.D	1	11/24/21 22:18	CS	11/22/21 10:20	OP36748	E3E5272
Run #2							

	Initial Volume	Final Volume
Run #1	900 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane [a]	ND	1.1	0.73	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	64%		35-127%
321-60-8	2-Fluorobiphenyl	78%		35-121%
1718-51-0	Terphenyl-d14	87%		28-135%

(a) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB		
Lab Sample ID:	JD35572-4A	**Date Sampled:**	11/16/21
Matrix:	AQ - Equipment Blank	**Date Received:**	11/19/21
Method:	EPA 537M BY ID EPA 537 MOD	**Percent Solids:**	n/a
Project:	NY Route 212, Town of Saugerties, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	3Q50215.D	1	12/09/21 23:47	AFL	12/07/21 09:00	F:OP88689	F:S3Q706
Run #2 [a]	3Q50302.D	5	12/10/21 23:48	AFL	12/07/21 09:00	F:OP88689	F:S3Q707

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2	250 ml	1.0 ml

PFAS List

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYLCARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	4.0	2.0	ng/l	
2706-90-3	Perfluoropentanoic acid	ND	2.0	1.0	ng/l	
307-24-4	Perfluorohexanoic acid	ND	2.0	1.0	ng/l	
375-85-9	Perfluoroheptanoic acid	ND	2.0	1.0	ng/l	
335-67-1	Perfluorooctanoic acid	ND	2.0	1.0	ng/l	
375-95-1	Perfluorononanoic acid	ND	2.0	1.0	ng/l	
335-76-2	Perfluorodecanoic acid	ND	2.0	1.0	ng/l	
2058-94-8	Perfluoroundecanoic acid [b]	ND	2.0	1.0	ng/l	
2058-94-8	Perfluoroundecanoic acid	ND [c]	10	5.0	ng/l	
307-55-1	Perfluorododecanoic acid [b]	ND	2.0	1.0	ng/l	
307-55-1	Perfluorododecanoic acid	ND [c]	10	5.0	ng/l	
72629-94-8	Perfluorotridecanoic acid [b]	ND	2.0	1.0	ng/l	
72629-94-8	Perfluorotridecanoic acid	ND [c]	10	5.0	ng/l	
376-06-7	Perfluorotetradecanoic acid	ND	2.0	1.0	ng/l	
PERFLUOROALKYLSULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	2.0	1.0	ng/l	
355-46-4	Perfluorohexanesulfonic acid	ND	2.0	1.0	ng/l	
375-92-8	Perfluoroheptanesulfonic acid	ND	2.0	1.0	ng/l	
1763-23-1	Perfluorooctanesulfonic acid	ND	2.0	1.0	ng/l	
335-77-3	Perfluorodecanesulfonic acid [b]	ND	2.0	1.0	ng/l	
PERFLUOROOCTANESULFONAMIDES						
754-91-6	PFOSA	ND	4.0	2.0	ng/l	
PERFLUOROOCTANESULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	4.0	2.0	ng/l	
2991-50-6	EtFOSAA	ND	4.0	2.0	ng/l	
FLUOROTELOMER SULFONATES						
27619-97-2	6:2 Fluorotelomer sulfonate	ND	8.0	2.0	ng/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB		
Lab Sample ID:	JD35572-4A	**Date Sampled:**	11/16/21
Matrix:	AQ - Equipment Blank	**Date Received:**	11/19/21
Method:	EPA 537M BY ID EPA 537 MOD	**Percent Solids:**	n/a
Project:	NY Route 212, Town of Saugerties, NY		

PFAS List

CAS No.	Compound	Result	RL	MDL	Units	Q
39108-34-4	8:2 Fluorotelomer sulfonate	ND	8.0	2.0	ng/l	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	70%	84%	35-135%
	13C5-PFPeA	97%	115%	50-150%
	13C5-PFHxA	99%	116%	50-150%
	13C4-PFHpA	99%	118%	50-150%
	13C8-PFOA	100%	123%	50-150%
	13C9-PFNA	95%	117%	50-150%
	13C6-PFDA	98%	118%	50-150%
	13C7-PFUnDA	10% [d]	103%	40-140%
	13C2-PFDoDA	3% [d]	99%	40-140%
	13C2-PFTeDA	76%	87%	30-130%
	13C3-PFBS	97%	119%	50-150%
	13C3-PFHxS	97%	115%	50-150%
	13C8-PFOS	94%	115%	50-150%
	13C8-FOSA	95%	113%	30-130%
	d3-MeFOSAA	101%	127%	40-140%
	d5-EtFOSAA	44%	110%	40-140%
	13C2-6:2FTS	94%	114%	50-150%
	13C2-8:2FTS	95%	112%	50-150%

(a) Analysis performed at SGS Orlando, FL.
(b) Associated ID Standard outside control limits.
(c) Result is from Run# 2
(d) Outside control limits.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: FB
Lab Sample ID: JD35572-5
Matrix: AQ - Field Blank Water
Method: SW846 8270E SW846 3510C
Project: NY Route 212, Town of Saugerties, NY

Date Sampled: 11/16/21
Date Received: 11/19/21
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3E115359.D	1	11/24/21 22:43	CS	11/22/21 10:20	OP36748	E3E5272
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane [a]	ND	1.0	0.66	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	66%		35-127%
321-60-8	2-Fluorobiphenyl	80%		35-121%
1718-51-0	Terphenyl-d14	64%		28-135%

(a) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB		
Lab Sample ID:	JD35572-5A	**Date Sampled:**	11/16/21
Matrix:	AQ - Field Blank Water	**Date Received:**	11/19/21
Method:	EPA 537M BY ID EPA 537 MOD	**Percent Solids:**	n/a
Project:	NY Route 212, Town of Saugerties, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	3Q50216.D	1	12/10/21 00:04	AFL	12/07/21 09:00	F:OP88689	F:S3Q706
Run #2							

	Initial Volume	Final Volume
Run #1	270 ml	1.0 ml
Run #2		

PFAS List

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYLCARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	3.7	1.9	ng/l	
2706-90-3	Perfluoropentanoic acid	ND	1.9	0.93	ng/l	
307-24-4	Perfluorohexanoic acid	ND	1.9	0.93	ng/l	
375-85-9	Perfluoroheptanoic acid	ND	1.9	0.93	ng/l	
335-67-1	Perfluorooctanoic acid	ND	1.9	0.93	ng/l	
375-95-1	Perfluorononanoic acid	ND	1.9	0.93	ng/l	
335-76-2	Perfluorodecanoic acid	ND	1.9	0.93	ng/l	
2058-94-8	Perfluoroundecanoic acid	ND	1.9	0.93	ng/l	
307-55-1	Perfluorododecanoic acid	ND	1.9	0.93	ng/l	
72629-94-8	Perfluorotridecanoic acid	ND	1.9	0.93	ng/l	
376-06-7	Perfluorotetradecanoic acid	ND	1.9	0.93	ng/l	
PERFLUOROALKYLSULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	1.9	0.93	ng/l	
355-46-4	Perfluorohexanesulfonic acid	ND	1.9	0.93	ng/l	
375-92-8	Perfluoroheptanesulfonic acid	ND	1.9	0.93	ng/l	
1763-23-1	Perfluorooctanesulfonic acid	ND	1.9	0.93	ng/l	
335-77-3	Perfluorodecanesulfonic acid	ND	1.9	0.93	ng/l	
PERFLUOROOCTANESULFONAMIDES						
754-91-6	PFOSA	ND	3.7	1.9	ng/l	
PERFLUOROOCTANESULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	3.7	1.9	ng/l	
2991-50-6	EtFOSAA	ND	3.7	1.9	ng/l	
FLUOROTELOMER SULFONATES						
27619-97-2	6:2 Fluorotelomer sulfonate	ND	7.4	1.9	ng/l	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	7.4	1.9	ng/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB		
Lab Sample ID:	JD35572-5A	**Date Sampled:**	11/16/21
Matrix:	AQ - Field Blank Water	**Date Received:**	11/19/21
Method:	EPA 537M BY ID EPA 537 MOD	**Percent Solids:**	n/a
Project:	NY Route 212, Town of Saugerties, NY		

PFAS List

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	86%		35-135%
	13C5-PFPeA	97%		50-150%
	13C5-PFHxA	97%		50-150%
	13C4-PFHpA	97%		50-150%
	13C8-PFOA	98%		50-150%
	13C9-PFNA	95%		50-150%
	13C6-PFDA	91%		50-150%
	13C7-PFUnDA	88%		40-140%
	13C2-PFDoDA	86%		40-140%
	13C2-PFTeDA	81%		30-130%
	13C3-PFBS	96%		50-150%
	13C3-PFHxS	94%		50-150%
	13C8-PFOS	88%		50-150%
	13C8-FOSA	89%		30-130%
	d3-MeFOSAA	90%		40-140%
	d5-EtFOSAA	85%		40-140%
	13C2-6:2FTS	92%		50-150%
	13C2-8:2FTS	85%		50-150%

(a) Analysis performed at SGS Orlando, FL.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Chain of Custody (SGS Orlando, FL)

SGS

EHSA-QAC-0023-04-FORM-Standard COC

GW
EB
FB

CHAIN OF CUSTODY

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehsusa

FED-EX Tracking #

Bottle Order Control # JS-111221-157

SGS Quote #

SGS Job # JD35572

Client / Reporting Information

Company Name: Alpha Geoscience
Street Address: 679 Plank Rd 12065
City: Clifton Park State: NY Zip:
Project Contact: Scott Hulsapple E-mail: shulsapple@alphageo.com
Phone #: 518-348-6445
Sampler(s) Name(s): Scott Hulsapple Phone #:

Project Information

Project Name: Tennanah - Saugerties
Street: NY Rt 212
City: Saugerties State: NY
Project #: 21118
Client Purchase Order #:
Project Manager: Scott Hulsapple

Billing Information (if different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention:

Requested Analysis

PFAS 21 (537)
1-4 Dioxane by 8270 SIM

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED - Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB - Equipment Blank
RB - Rinse Blank
TB - Trip Blank

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Grab (G) Comp (C)	Source Chlorinated (Y/N)	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	pH Check (Lab Use Only)		LAB USE ONLY
1	Lot 1		11/16/21	1548	SH/KS	G	N	GW	4						4			J	J	FB
2	Lot 17			1302																
3	Dup-1			0001																
4	EB			1350																
5	FB			1405																
1	MS (Lot 1)			1548																
1	MSD (Lot 1)		11/16/21	1543	SH/KS	G	N	GW	4						4			J	J	

Turn Around Time (Business Days)

Approved By (SGS PM): / Date:

- [ ] 10 Business Days
- [x] 5 Business Days
- [ ] 3 Business Days*
- [ ] 2 Business Days*
- [ ] 1 Business Day*
- [ ] Other

Initial Assessment
Label Verification

* Approval needed for 1-3 Business Day TAT

Deliverable

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] NJ Reduced (Level 3)
- [ ] Full Tier I (Level 4)
- [ ] Commercial "C"
- [ ] NJ DKQP
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] MA MCP Criteria
- [ ] CT RCP Criteria
- [ ] State Forms
- [x] EDD Format NYSDEC EQUIS
- [ ] DOD-QSM5

Commercial "A" = Results only; Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

MS/MSD are from well "Lot 1"

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by:	Date / Time: 11/17/21 1106	Received By: 1	11-17-21 11:06	Relinquished By: 2	11-17-21	Date / Time: 16:30	Received By: 2 FedEx
Relinquished by: 3 FedEx	Date / Time: 11/19/21 1044	Received By: 3		Relinquished By: 4		Date / Time:	Received By: 4
Relinquished by: 5	Date / Time:	Received By: 5		Custody Seal #	Intact / Not intact / Absent	Therm ID: See Sample Receipt Summary	On Ice / Cooler Temp: 2.3°C

SGS Sample Receipt Summary

Job Number: JD35572 **Client:** ALPHA GEOLOGICAL SERVICES, INC. **Project:** NY ROUTE 212, TOWN OF SAUGERTIES, NY

Date / Time Received: 11/19/2021 10:40:00 AM **Delivery Method:** Fed Ex **Airbill #'s:**

Cooler Temps (Raw Measured) °C: Cooler 1: (2.3);

Cooler Temps (Corrected) °C: Cooler 1: (0.9);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR Gun		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Test Strip Lot #s: pH 1-12: 231619 pH 12+: 203117A Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

Job Change Order: JD35572

Requested Date:	12/15/2021	**Received Date:**	11/19/2021
Account Name:	Alpha Geological Services, Inc.	**Due Date:**	12/15/2021
Project Description:	NY Route 212, Town of Saugerties, NY	**Deliverable:**	NYASPB
C/O Initiated By:	JADONS **PM:** JBS	**TAT (Days):**	7

==========

Sample #: JD35572-1D and 1S

Dept:

TAT: 7

Change:
Please cancel B827014DIOXAN (due to lab error).

==========

Above Changes Per: Jadon Schiller **Date/Time:** 12/15/2021

To Client: This Change Order is confirmation of the revisions, previously discussed with the Client Service Representative.

Page 1 of 1

JD35572: Chain of Custody
Page 3 of 3

CHAIN OF CUSTODY

Page 1 of 1

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.sgs.com/ehsusa

FED-EX Tracking #: | Bottle Order Control #:
SGS Quote #: | SGS Job #: JD35572

Client / Reporting Information

Company Name:
Street Address:
City State Zip
Project Contact E-mail: Jadon.Schiller@sgs.com
Phone #:
Sampler(s) Name(s): SH/NS
Phone #:

Project Information

Project Name: NY Route 212, Town of Saugerties, NY
Street:
City State
Project #:
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)

Company Name:
Street Address:
City State Zip
Attention:

Requested Analysis

SGS Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	None	DI Water	MEOH	ENCORE	LCID537NY21	LAB USE ONLY
1A	LOT 1		11/16/21	3:42:00 PM	SH/NS	AQ										X	
1AD	MSD (LOT 1)		11/16/21	3:42:00 PM	SH/NS	AQ										X	
1AS	MS (LOT 1)		11/16/21	3:42:00 PM	SH/NS	AQ										X	
2A	LOT 17		11/16/21	1:02:00 PM	SH/NS	AQ										X	
3A	DUP-1		11/16/21	12:01:00 AM	SH/NS	AQ										X	
4A	EB		11/16/21	1:50:00 PM	SH/NS	AQ										X	
5A	FB		11/16/21	2:05:00 PM	SH/NS	AQ										X	

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB-Equipment Blank
RB - Rinse Blank
TB - Trip Blank

Turnaround Time (Business days)

Approved By (SGS PM): / Date:

- [ ] Standard 10 Business Days
- [ ] 5 Business Days RUSH
- [ ] 3 Business Days RUSH
- [ ] 2 Business Days RUSH
- [ ] 1 Business Day EMERGENCY
- [X] Other 1/14/1900

Emergency & Rush T/A data available via Lablink Approval needed for RUSH/Emergency TAT

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [X] Other NYASPB

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial "C" = Results + QC Summary + Partial Raw data

Comments / Special Instructions

http://www.sgs.com/en/terms-and-conditions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by:	Date / Time:	Received By:	Relinquished By:	Date / Time:	Received By:
1		16:00 11/19/21	Fedex	FX	11/20/21	Fedex
2					920	
3						
4						
5						

Custody Seal # | Intact / Not Intact | Preserved where applicable / Absent | On Ice | Cooler Temp. °C: 0.8/1.0 | Therm. ID:

INITIAL ASSESSMENT

LABEL VERIFICATION

jd35572.xls
Rev Date: 4/10/18

JD35572: Chain of Custody
Page 1 of 2
SGS Orlando, FL

SGS Sample Receipt Summary

Job Number: JD35572 **Client:** SGS NJ **Project:** NY ROUTE 212

Date / Time Received: 11/20/2021 9:20:00 AM **Delivery Method:** FX **Airbill #'s:** 5272 0636 5293

Therm ID: IR 1; **Therm CF:** 0.2; **# of Coolers:** 1

Cooler Temps (Raw Measured) °C: Cooler 1: (0.6);

Cooler Temps (Corrected) °C: Cooler 1: (0.8);

Cooler Information	Y	or	N
1. Custody Seals Present	☑		☐
2. Custody Seals Intact	☑		☐
3. Temp criteria achieved	☑		☐
4. Cooler temp verification	IR Gun		
5. Cooler media	Ice (Bag)		

Trip Blank Information	Y	or	N	N/A
1. Trip Blank present / cooler	☐		☐	☑
2. Trip Blank listed on COC	☐		☐	☑

	W	or	S	N/A
3. Type Of TB Received	☐		☐	☑

Sample Information	Y	or	N	N/A
1. Sample labels present on bottles	☑		☐	
2. Samples preserved properly	☑		☐	
3. Sufficient volume/containers recvd for analysis:	☑		☐	
4. Condition of sample	Intact			
5. Sample recvd within HT	☑		☐	
6. Dates/Times/IDs on COC match Sample Label	☑		☐	
7. VOCs have headspace	☐		☐	☑
8. Bottles received for unspecified tests	☐		☑	
9. Compositing instructions clear	☐		☐	☑
10. Voa Soil Kits/Jars received past 48hrs?	☐		☐	☑
11. % Solids Jar received?	☐		☐	☑
12. Residual Chlorine Present?	☐		☐	☑

Misc. Information

Number of Encores: 25-Gram _____ 5-Gram _____ Number of 5035 Field Kits: _____ Number of Lab Filtered Metals: _____

Test Strip Lot #s: pH 0-3 230315 pH 10-12 219813A Other: (Specify) _____ _____

Residual Chlorine Test Strip Lot #: _____

Comments

SM001
Rev. Date 05/24/17

Technician: PETERH Date: 11/20/2021 9:20:00 A Reviewer: _____ Date: _____

NEW YORK STATE OF OPPORTUNITY. | Parks, Recreation, and Historic Preservation

KATHY HOCHUL
Governor

ERIK KULLESEID
Commissioner

February 10, 2022

Robert Fraser
The LA Group, P.C.
266 Locust Grove Road
Greenfield, NY 12833

Re: SEQRA
Terramor Camping Facility, Saugerties
Town of Saugerties, Ulster County, NY
22PR00774

Dear Robert Fraser:

Thank you for requesting the comments of the Office of Parks, Recreation and Historic Preservation (OPRHP). We have reviewed the project in accordance with the New York State Historic Preservation Act of 1980 (Section 14.09 of the New York Parks, Recreation and Historic Preservation Law). These comments are those of the OPRHP and relate only to Historic/Cultural resources. They do not include potential environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8) and its implementing regulations (6 NYCRR Part 617).

Based upon this review, it is the opinion of OPRHP that no properties, including archaeological and/or historic resources, listed in or eligible for the New York State and National Registers of Historic Places will be impacted by this project.

If further correspondence is required regarding this project, please be sure to refer to the OPRHP Project Review (PR) number noted above.

Sincerely,

Roger Daniel Mackay

R. Daniel Mackay

Deputy Commissioner for Historic Preservation
Division for Historic Preservation