



Geotechnical
Foundations
Land Planning
Geo-Structural
Environmental
Water Resources

Principals:

October 19, 2018

William Bennett
New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau C, Section A
625 Broadway, 11th Floor
Albany, NY 12233-7014

Steven P. Byszewski, PE, PP
Anthony Castillo, PE
Fuad Dahan, PhD, PE, LSRP
Roger Hendrickson
John M. Nederfield, PE
Justin M. Protasiewicz, PE
Kenneth Quazza, PE
Michael St. Pierre, PE

**RE: Weekly Report For Period October 15, 2018 to October 19, 2018
Grossinger's
Town of Liberty, New York 12754
BCA Site No. C353015
SESI Project No. 9313**

Dear Mr. Bennett:

On behalf of our Client, Sullivan Resorts LLC, SESI Consulting Engineers (SESI) is pleased to submit a weekly progress report for the subject project. This progress report is for the week of October 15, 2018 to October 19, 2018 and is provided to the New York State Department of Environmental Conservation (NYSDEC) pursuant to the approved Remedial Investigation/Interim Remedial Measures Workplan (RI/IRMWP) dated October 3, 2018.

1. SUMMARY OF PROJECT ACTIVITIES: October 15, 2018 through October 19, 2018

A. TASKS PERFORMED DURING CURRENT REPORTING PERIOD

SESI, as the Environmental Engineering Consultant for the project, performed or coordinated the performance of the following tasks:

- SESI oversaw the demolition of the Convention Center and the demolition and removal of foundations for the Cottage and Paul G Building. The demolition of the foundations for these buildings is complete with the exception of crushing and moving the concrete rubble.
- SESI conducted daily air monitoring activities in accordance with the CAMP submitted with the approved RI/IRMWP. Two (2) air monitoring stations were set-up: one (1) station upwind of the Site and one (1) station downwind of the Site. Air monitoring data for dust control was recorded by SESI and is included as an attachment for submittal along with this weekly report. Based on the air monitoring data recorded

during this weekly period, no dust suppression efforts were warranted during work activities that were performed.

B. CHANGES OR DEVIATIONS FROM ORIGINAL PLANS

No changes or deviations from the original plans as outlined in the approved RI/IRMWP were made during this weekly reporting period.

2. ANTICIPATED TASKS FOR NEXT REPORTING PERIOD

SESI anticipates performing the following tasks in the next weekly reporting period:

- Continue oversight of demolition and removal of the Indoor Pool Building foundation and Boiler Room foundation in accordance with the approved RI/IRMWP.
- Crushing operations and separate and load out of demolition debris.
- Continue community air monitoring in accordance with the approved CAMP.
- Oversight of tank removals including vacuuming and cleaning the tanks, tank removal, excavate and load out of contaminated soil and post excavation soil sampling.

3. DATA COLLECTION

A. SAMPLING ACTIVITIES AND ANALYTICAL RESULTS

No sampling activities were performed during this period.

4. PERSONNEL/ADMINISTRATIVE

A. PROJECT STAFFING

Additional SESI staff will become involved in the project as the work schedule requires. This will include onsite personnel to coordinate and observe the foundation removals, tank removals, excavation of contaminated soil, post excavation sampling, attend construction meetings and project management, etc.

If you have any questions, please call.

Sincerely,

SESI CONSULTING ENGINEERS D.P.C.



Fuad Dahan, PhD, PE
Principal

Enclosed: CAMP Air Monitoring Data – October 15, 2018 to October 17, 2018



Geotechnical
Foundations
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Water Resources

Principals:

October 30, 2018

William Bennett
New York State Department of Environmental Conservation
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RE: Weekly Report For Period October 20, 2018 to October 26, 2018
Grossinger's
Town of Liberty, New York 12754
BCA Site No. C353015
SESI Project No. 9313

Dear Mr. Bennett:

On behalf of our Client, Sullivan Resorts LLC, Sesi Consulting Engineers (SESI) is pleased to submit a weekly progress report for the subject project. This progress report is for the week of October 20, 2018 to October 26, 2018 and is provided to the New York State Department of Environmental Conservation (NYSDEC) pursuant to the approved Remedial Investigation/Interim Remedial Measures Workplan (RI/IRMWP) dated October 3, 2018.

1. SUMMARY OF PROJECT ACTIVITIES: October 20, 2018 through October 26, 2018

A. TASKS PERFORMED DURING CURRENT REPORTING PERIOD

SESI, as the Environmental Engineering Consultant for the project, performed or coordinated the performance of the following tasks:

- Sesi oversaw the removal of foundations for the Pool Building and the Ice Rink Building. The demolition of these foundations for the buildings is on-going.
- Sesi conducted daily air monitoring activities in accordance with the CAMP submitted with the approved RI/IRMWP. Two (2) air monitoring stations were set-up: one (1) station upwind of the Site and one (1) station downwind of the Site. Air monitoring data for dust control was recorded by Sesi and is included as an attachment for submittal along with this weekly report. Based on the air monitoring data recorded during this weekly period, no dust suppression efforts were warranted during work activities that were performed.

- SESI oversaw the removal of the floor slab for the Boiler Room and uncovered the two underground storage tanks. A vacuum truck was used to remove the liquids from both tanks. It was discovered the following day that there was still some product and water inside both tanks. The tanks were covered with plastic and stockpiled soil was covered for the weekend. With heavy rain expected for Saturday, the work for Saturday was cancelled.
- A storage box was uncovered in the Ice Rink support building. The box contained water and was made of concrete. No sheen or odor were observed in the water. A water sample was collected from the water. The sample results are attached. The water will be vacuumed from the storage and disposed off site prior the demolition of the box. Soil samples will be collected from below the storage box.

B. CHANGES OR DEVIATIONS FROM ORIGINAL PLANS

No changes or deviations from the original plans as outlined in the approved RI/IRMWP were made during this weekly reporting period.

2. ANTICIPATED TASKS FOR NEXT REPORTING PERIOD

SESI anticipates performing the following tasks in the next weekly reporting period:

- Continue oversight of demolition and removal of the Indoor Pool Building foundation and Ice Rink foundation in accordance with the approved RI/IRMWP.
- Crushing operations and separate and load out of demolition debris.
- Continue community air monitoring in accordance with the approved CAMP.
- Oversight of tank removals including vacuuming and cleaning the tanks, tank removal, excavate and load out of contaminated soil and post excavation soil sampling.
- Begin the soil borings and soil sampling in accordance with the approved RI/IRMWP.

3. DATA COLLECTION

A. SAMPLING ACTIVITIES AND ANALYTICAL RESULTS

Waste Classification samples were collected from the Indoor Pool Building foundation area near the two underground tanks where product was observed. Water sample was collected from the concrete box in the foundation of the building near the Ice Rink area.

4. PERSONNEL/ADMINISTRATIVE

A. PROJECT STAFFING

Additional SESI staff will become involved in the project as the work schedule requires. This will include onsite personnel to conduct the soil boring investigation, coordinate and observe the foundation removals, tank removals, excavation of contaminated soil, post excavation sampling, attend construction meetings and project management, etc.

If you have any questions, please call.

Sincerely,

SESI CONSULTING ENGINEERS D.P.C.

A handwritten signature in blue ink, appearing to read 'Fuad Dahan'.

Fuad Dahan, PhD, PE
Principal

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Geotechnical
Foundations
Land Planning
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Water Resources

Principals:

November 2, 2018

William Bennett
New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau C, Section A
625 Broadway, 11th Floor
Albany, NY 12233-7014

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**RE: Weekly Report For Period October 27, 2018 to November 2, 2018
Grossinger's
Town of Liberty, New York 12754
BCA Site No. C353015
SESI Project No. 9313**

Dear Mr. Bennett:

On behalf of our Client, Sullivan Resorts LLC, SESI Consulting Engineers (SESI) is pleased to submit a weekly progress report for the subject project. This progress report is for the week of October 27, 2018 to November 2, 2018 and is provided to the New York State Department of Environmental Conservation (NYSDEC) pursuant to the approved Remedial Investigation/Interim Remedial Measures Workplan (RI/IRMWP) dated October 3, 2018.

1. SUMMARY OF PROJECT ACTIVITIES: October 27, 2018 through November 2, 2018

A. TASKS PERFORMED DURING CURRENT REPORTING PERIOD

SESI, as the Environmental Engineering Consultant for the project, performed or coordinated the performance of the following tasks:

- SESI continued to oversee the removal of the two UST's located near the boiler room building. Capital removed one of the foundation walls of the boiler room and used the foundation and floor slab of the boiler room to stockpile contaminated soil and for easy access to the tanks. Upon uncovering the first tank, we found a pocket of product in the tank that needed to be removed via a vac truck. The next day, Luzon was on site with a vacuum truck to remove some product and water inside the tank. They removed what they could but because of the thickness of the product, it was not being sucked into the truck. Since there was not much product in the tank, it was filled with sand and mixed with the soil inside and stockpiled in the contaminated stockpile. Since the tanks were filled with sand, the tank was removed in pieces. Almost all the tank pieces were removed. It was determined that there is a concrete pad underneath both tanks.

Excavation of the contaminated soil continued and 5 sidewall endpoint samples were taken along the side of the tank in 5-foot increments. The endpoint samples were measured to be about 8.5-9 feet below grade and will be analyzed for VOCs and SVOCs. The concrete base is about 10' below grade. The tanks were cleaned for removal from the Site.

- Capital began removing foundations in the Conventions Center.
- SESI conducted daily air monitoring activities in accordance with the CAMP submitted with the approved RI/IRMWP. Two (2) air monitoring stations were set-up: one (1) station upwind of the Site and one (1) station downwind of the Site. Air monitoring data for dust control was recorded by SESI. Based on the air monitoring data recorded during this weekly period, no dust suppression efforts were warranted during work activities that were performed.
- SESI collected surface soil samples and installed vapor points in accordance with the approved RI/IRMWP.

B. CHANGES OR DEVIATIONS FROM ORIGINAL PLANS

No changes or deviations from the original plans as outlined in the approved RI/IRMWP were made during this weekly reporting period.

2. ANTICIPATED TASKS FOR NEXT REPORTING PERIOD

SESI anticipates performing the following tasks in the next weekly reporting period:

- Continue oversight of demolition and removal of the Convention Center foundation in accordance with the approved RI/IRMWP.
- Crushing operations and separate and load out of demolition debris.
- Continue community air monitoring in accordance with the approved CAMP.
- Oversight of excavation of contaminated soil from the area of the USTs and Boiler Room and end point soil sampling.
- Begin the vapor point sampling in accordance with the approved RI/IRMWP.

3. DATA COLLECTION

A. SAMPLING ACTIVITIES AND ANALYTICAL RESULTS

The analytical results for the waste classification samples collected last week showed PAHs, pesticides and some metals above at least one of the Soil Cleanup Objectives or Criteria.

SESI collected five end point samples from the sidewall of the UST excavation and sent them to the lab for VOCs and SVOCs analysis. Results are pending.

4. PERSONNEL/ADMINISTRATIVE

A. PROJECT STAFFING

One additional SESI staff became involved in the project to conduct the soil boring, surface soil and vapor point sampling. Additional SESI staff will be used as necessary to coordinate and

observe the foundation removals, excavation of contaminated soil, post excavation sampling, attend construction meetings and project management, etc.

If you have any questions, please call.

Sincerely,

SESI CONSULTING ENGINEERS D.P.C.

A handwritten signature in blue ink, appearing to read 'Fuad Dahan'.

Fuad Dahan, PhD, PE
Principal

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2018.docx



Geotechnical
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Principals:

November 9, 2018

William Bennett
New York State Department of Environmental Conservation
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Michael St. Pierre, PE

**RE: Weekly Report for Period November 3, 2018 to November 9, 2018
Grossinger's
Town of Liberty, New York 12754
BCA Site No. C353015
SESI Project No. 9313**

Dear Mr. Bennett:

On behalf of our Client, Sullivan Resorts LLC, SESI Consulting Engineers (SESI) is pleased to submit a weekly progress report for the subject project. This progress report is for the week of November 3, 2018 to November 9, 2018 and is provided to the New York State Department of Environmental Conservation (NYSDEC) pursuant to the approved Remedial Investigation/Interim Remedial Measures Workplan (RI/IRMWP) dated October 3, 2018.

1. SUMMARY OF PROJECT ACTIVITIES: November 3, 2018 to November 9, 2018

A. TASKS PERFORMED DURING CURRENT REPORTING PERIOD

SESI, as the Environmental Engineering Consultant for the project, performed or coordinated the performance of the following tasks:

- Capital began removing foundations for the Main Building and crushing the concrete. Capital also worked on leveling and grading most of the convention center area and started to remove some debris from the Harry G Building. Capital also focused on building a road made of crushed concrete to the tank area so the trucks have easy access on and off the site. They continued to clear and separate debris from the Harry G building.
- Capital loaded trucks with the stockpiled contaminated soil from the tank excavation area. There was some standing water in the containment area and was pumped out into a frac tank. A total of 32 trucks came on site and hauled out most of the stockpiles.

Capital also dug closer into the LNAPL area where impacts were observed. The soil was put on the contaminated stockpiles so they can be hauled out.

- SESI conducted daily air monitoring activities in accordance with the CAMP submitted with the approved RI/IRMWP. Two (2) air monitoring stations were set-up: one (1) station upwind of the Site and one (1) station downwind of the Site. Air monitoring data for dust control was recorded by SESI. Based on the air monitoring data recorded during this weekly period, no dust suppression efforts were warranted during work activities that were performed.
- Capital loaded an additional 46 trucks of contaminated soil and excavated around the UST/LNAPL area. SESI collected five end point samples from the sidewall adjacent to the road after additional excavation was performed.
- Capital excavated the impacted soil in the Ice Rink Area. SESI collected confirmatory end point samples in accordance with the RIWP.
- Capital excavated the impacted soil in the Ski Maintenance Area and the Transformer Area southwest of the Cottage. SESI collected end point samples in accordance with the RIWP.

B. CHANGES OR DEVIATIONS FROM ORIGINAL PLANS

No changes or deviations from the original plans as outlined in the approved RI/IRMWP were made during this weekly reporting period.

2. ANTICIPATED TASKS FOR NEXT REPORTING PERIOD

SESI anticipates performing the following tasks in the next weekly reporting period:

- Continue oversight of demolition and removal of the Main Building foundation in accordance with the approved RI/IRMWP.
- Crushing operations and separate and load out of demolition debris.
- Continue community air monitoring in accordance with the approved CAMP.
- Excavation of contaminated soil from the USTs/LNAPL Area and end point soil sampling.
- Conduct the soil boring investigation and install monitoring wells as access allows.

3. DATA COLLECTION

A. SAMPLING ACTIVITIES AND ANALYTICAL RESULTS

SESI collected five end point samples last week from the sidewall of the UST excavation and sent them to the lab for VOCs and SVOCs analysis. The results showed that there were no exceedances to the unrestricted use SCOs in three of the five samples. Two of the samples showed PAHs above the unrestricted use SCOs. Additional excavation was performed to remove soil which exceeded the SCOs. However, the soil samples were collected in front of a foundation wall. SESI collected five additional end point samples from the sidewall of the UST excavation adjacent to the road after the removal of the foundation wall and additional excavation was performed.

4. PERSONNEL/ADMINISTRATIVE

A. PROJECT STAFFING

One additional SESI staff will be used to oversee the soil borings and monitoring well installations and collect soil samples. Additional SESI staff will be used as necessary to coordinate and observe the foundation removals, excavation of contaminated soil, post excavation sampling, attend construction meetings and project management, etc.

If you have any questions, please call.

Sincerely,

SESI CONSULTING ENGINEERS D.P.C.

A handwritten signature in blue ink, appearing to read 'Fuad Dahan'.

Fuad Dahan, PhD, PE
Principal

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Geotechnical
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Principals:

November 16, 2018

William Bennett
New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau C, Section A
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Michael St. Pierre, PE

**RE: Weekly Report for Period November 10, 2018 to November 16, 2018
Grossinger's
Town of Liberty, New York 12754
BCA Site No. C353015
SESI Project No. 9313**

Dear Mr. Bennett:

On behalf of our Client, Sullivan Resorts LLC, SESI Consulting Engineers (SESI) is pleased to submit a weekly progress report for the subject project. This progress report is for the week of November 10, 2018 to November 16, 2018 and is provided to the New York State Department of Environmental Conservation (NYSDEC) pursuant to the approved Remedial Investigation/Interim Remedial Measures Workplan (RI/IRMWP) dated October 3, 2018.

1. SUMMARY OF PROJECT ACTIVITIES: November 10, 2018 to November 16, 2018

A. TASKS PERFORMED DURING CURRENT REPORTING PERIOD

SESI, as the Environmental Engineering Consultant for the project, performed or coordinated the performance of the following tasks:

- Capital pumped out the water in the tank area excavation and loaded contaminated stockpiled soil from the tank area into trucks. A total of 37 trucks of contaminated soil was loaded and removed from the site during the period. The water is being stored in frac tank for disposal.
- Capital finished the Harry G foundation removal and the soil underneath the footings showed no sign of contamination. The foundation walls around the boiler room and the indoor pool were demolished.

- In the cottage area, post excavation samples were collected from the excavation (PX-JC-1 through PX-JC-5). A base end point sample was collected and one sidewall sample for every 30 linear feet of the excavation.
- Three waste class samples were taken from the concrete in the ice rink building that was removed on 11/8 (WC-IR-C-1 through WC-IR-C-3).
- Tank Area Remediation: Capital explored around the former chimney area. Product was encountered along the base of the foundation for the chimney. Capital followed this product and found it focused around the footing of the northern wall of the boiler room foundation. Excavation is continuing to remove any encountered product resulting from the previous tanks from under the building foundations.
- SESI conducted daily air monitoring activities in accordance with the CAMP submitted with the approved RI/IRMWP. Two (2) air monitoring stations were set-up: one (1) station upwind of the Site and one (1) station downwind of the Site. Air monitoring data for dust control was recorded by SESI. Based on the air monitoring data recorded during this weekly period, no dust suppression efforts were warranted during work activities that were performed.
- Capital started to remove the foundation slab in the pool area to see where the product is migrating. Beneath the foundation was 6" of soil and then bedrock. After removing some bedrock pieces product was observed seeping out of the cracks in the bedrock. A test pit was excavated outside of the indoor pool foundation to determine if more product is present in the bedrock. No evidence of product was found in the bedrock but there was some staining on the soil just above the bedrock.
- SESI continued the soil boring investigation and collected soil samples for TCL/TAL+30 analysis.

B. CHANGES OR DEVIATIONS FROM ORIGINAL PLANS

No changes or deviations from the original plans as outlined in the approved RI/IRMWP were made during this weekly reporting period.

2. ANTICIPATED TASKS FOR NEXT REPORTING PERIOD

SESI anticipates performing the following tasks in the next weekly reporting period:

- Continue oversight of demolition and removal of the pool and boiler room foundation in accordance with the approved RI/IRMWP.
- Crushing operations and separate and load out of demolition debris.
- Continue community air monitoring in accordance with the approved CAMP.
- Excavation of free product from the bedrock in the USTs/LNAPL Area under the pool foundation and slab and end point soil sampling.
- Conduct the soil boring investigation and install monitoring wells as access allows.

3. DATA COLLECTION

A. SAMPLING ACTIVITIES AND ANALYTICAL RESULTS

The results of the end point samples that were collected from the excavation at the Joy Cottage (PX-JC-1 through PX-JC-5) showed 4,4'-DDE and 4,4'-DDT were detected in two of the five end point samples above the unrestricted use SCOs. The results of the end point samples collected from the excavations at the Ski Maintenance Building showed one or more of the pesticides 4,4'-DDT, 4,4'-DDE and 4,4'-DDD were detected in six of the ten end point samples.

Additional excavation was conducted from the sidewall of the UST excavation closest to the road. Five additional end point samples were collected and the results showed no compounds were detected above the unrestricted use SCOs.

The post excavation results for the tank area and other excavations will be summarized in a separate report. The investigation results will also be summarized in separate reports. Both reports will be sent to the DEC.

4. PERSONNEL/ADMINISTRATIVE

A. PROJECT STAFFING

One additional SESI staff will be used to oversee the soil borings and monitoring well installations and collect soil samples. Additional SESI staff will be used as necessary to coordinate and observe the foundation removals, excavation of contaminated soil, post excavation sampling, attend construction meetings and project management, etc.

If you have any questions, please call.

Sincerely,

SESI CONSULTING ENGINEERS D.P.C.



Fuad Dahan, PhD, PE
Principal



Geotechnical
Foundations
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Principals:

November 27, 2018

William Bennett
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Michael St. Pierre, PE

**RE: Weekly Report for Period November 17, 2018 to November 21, 2018
Grossinger's
Town of Liberty, New York 12754
BCA Site No. C353015
SESI Project No. 9313**

Dear Mr. Bennett:

On behalf of our Client, Sullivan Resorts LLC, SESI Consulting Engineers (SESI) is pleased to submit a weekly progress report for the subject project. This progress report is for the week of November 17, 2018 to November 21, 2018 and is provided to the New York State Department of Environmental Conservation (NYSDEC) pursuant to the approved Remedial Investigation/Interim Remedial Measures Workplan (RI/IRMWP) dated October 3, 2018. No work occurred on November 22 and 23 due to the holiday.

1. SUMMARY OF PROJECT ACTIVITIES: November 17, 2018 to November 21, 2018

A. TASKS PERFORMED DURING CURRENT REPORTING PERIOD

SESI, as the Environmental Engineering Consultant for the project, performed or coordinated the performance of the following tasks:

- A total of ten (10) soil borings were completed on the northern portion of the site. Most soil borings were advanced to +/- 15 ft below ground surface. Grab samples were collected at depths specified by the approved IRM/RIWP. One (1) monitoring well was installed in the former ice skating rink area (MW-210) and terminated at 15 ft below ground surface with 10 ft of screen.
- Capital continued to remove foundations/foundation walls within the Boiler Room and Indoor Pool Areas. Eleven (11) trucks loads of contaminated soil were loaded out and bound for Bayshore in Keasbey, NJ. Foundations and foundation walls were removed and stockpiled onsite for later disposal.

- One (1) soil boring was completed at the ski maintenance area in the northwest portion of the property. Four (4) monitoring wells were installed between 14 and 15' below ground surface near the Pool Wing, Joy cottage, and Paul G buildings. The wells were developed by Coastal Environmental.
- Capital continued the loading of the contaminated stockpile onto outgoing trucks on Wednesday. A total of 12 trucks were loaded today with the contaminated stockpile remaining. The demolition and excavation in the Boiler Room Area and Indoor Pool Area continued.
- SESI conducted daily air monitoring activities in accordance with the CAMP submitted with the approved RI/IRMWP. Two (2) air monitoring stations were set-up: one (1) station upwind of the Site and one (1) station downwind of the Site. Air monitoring data for dust control was recorded by SESI. Based on the air monitoring data recorded during this weekly period, no dust suppression efforts were warranted during work activities that were performed.

B. CHANGES OR DEVIATIONS FROM ORIGINAL PLANS

No changes or deviations from the original plans as outlined in the approved RI/IRMWP were made during this weekly reporting period.

2. ANTICIPATED TASKS FOR NEXT REPORTING PERIOD

SESI anticipates performing the following tasks in the next weekly reporting period:

- Continue oversight of demolition and removal of the Indoor Pool and Boiler Room foundations in accordance with the approved RI/IRMWP.
- Continue to excavate and remove the contaminated soil from the Site.
- Capital will remove the top layer of bedrock contaminated with product in the Boiler Room/Indoor Pool Area.
- Crushing operations and separate and load out of demolition debris.
- Continue community air monitoring in accordance with the approved CAMP.
- Conduct surface soil sampling throughout the BCP Site area.
- Conduct waste classification sampling for the surface soil disposal.

3. DATA COLLECTION

A. SAMPLING ACTIVITIES AND ANALYTICAL RESULTS

The results of the end point samples that were collected from the excavation at the Ice Skating Rink Area (PX-IR-4 through PX-IR-6) showed phenol was detected in the three end-point samples above the unrestricted use SCOs.

The post excavation results for the Ice Skating Rink Area excavations will be summarized in a separate report. The investigation results will also be summarized in separate reports. Both reports will be sent to the DEC.

4. PERSONNEL/ADMINISTRATIVE

A. PROJECT STAFFING

One additional SESI staff will be used to collect waste classification and surface soil samples. Additional SESI staff will be used as necessary to coordinate and observe the foundation removals, excavation of contaminated soil, post excavation sampling, attend construction meetings and project management, etc.

If you have any questions, please call.

Sincerely,

SESI CONSULTING ENGINEERS D.P.C.



Fuad Dahan, PhD, PE
Principal

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Geotechnical
Foundations
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Principals:

November 30, 2018

William Bennett
New York State Department of Environmental Conservation
Division of Environmental Remediation
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RE: Weekly Report for Period November 26, 2018 to November 30, 2018
Grossingers
Town of Liberty, New York 12754
BCA Site No. C353015
SESI Project No. 9313

Dear Mr. Bennett:

On behalf of our Client, Sullivan Resorts LLC, SESI Consulting Engineers (SESI) is pleased to submit a weekly progress report for the subject project. This progress report is for the week of November 26, 2018 to November 30, 2018 and is provided to the New York State Department of Environmental Conservation (NYSDEC) pursuant to the approved Remedial Investigation/Interim Remedial Measures Workplan (RI/IRMWP) dated October 3, 2018.

1. SUMMARY OF PROJECT ACTIVITIES: November 26, 2018 to November 30, 2018

A. TASKS PERFORMED DURING CURRENT REPORTING PERIOD

SESI, as the Environmental Engineering Consultant for the project, performed or coordinated the performance of the following tasks:

- Capital continued to remove foundations/foundation walls within the Indoor Pool Areas. Foundations and foundation walls were removed and stockpiled onsite for later disposal.
- Twenty-two (22) truck loads of contaminated soil were loaded out and bound for Bayshore in Keasbey, NJ.
- Capital began removing the top layer of bedrock contaminated with product. They started in the spot where the product was found along the indoor pool wall bordering the boiler room.

- SESI collected end point samples from the western sidewall of the excavation in the USTs/Boiler Room area.
- SESI collected waste class samples of the concrete pile from the crushed concrete.
- SESI collected fifteen (15) additional surface soil samples throughout the BCP area for pesticide and waste classification analysis.
- SESI began collecting soil vapor samples from the vapor points previously installed.
- SESI conducted daily air monitoring activities in accordance with the CAMP submitted with the approved RI/IRMWP. Two (2) air monitoring stations were set-up: one (1) station upwind of the Site and one (1) station downwind of the Site. Air monitoring data for dust control was recorded by SESI. Based on the air monitoring data recorded during this weekly period, no dust suppression efforts were warranted during work activities that were performed.

B. CHANGES OR DEVIATIONS FROM ORIGINAL PLANS

No changes or deviations from the original plans as outlined in the approved RI/IRMWP were made during this weekly reporting period.

2. ANTICIPATED TASKS FOR NEXT REPORTING PERIOD

SESI anticipates performing the following tasks in the next weekly reporting period:

- Continue to excavate and remove the contaminated soil from the UST/Boiler Room area and collect end point samples.
- Continue remove the top layer of bedrock contaminated with product in the Indoor Pool Area.
- Crushing operations and separate and load out of demolition debris.
- Continue community air monitoring in accordance with the approved CAMP.
- Continue collecting soil vapor samples from the soil vapor points throughout the BCP area.

3. DATA COLLECTION

A. SAMPLING ACTIVITIES AND ANALYTICAL RESULTS

Additional soil sample results from the soil boring investigation showed 1,1'-DDT, 1,1'-DDE and 1,1'-DDD were detected in one (1) of twelve (12) soil samples above the unrestricted use SCOs. Mercury was detected in one (1) of the twelve (12) soil samples above the unrestricted use and restricted residential SCOs. There were no other exceedances to the SCOs in the remaining samples.

The results of the soil boring investigation will be summarized in a separate report. The report will be sent to the DEC.

4. PERSONNEL/ADMINISTRATIVE

A. PROJECT STAFFING

One additional SESI staff will be used to collect soil vapor samples. Additional SESI staff will be used as necessary to coordinate and observe the foundation removals, excavation of contaminated soil, post excavation sampling, attend construction meetings and project management, etc.

If you have any questions, please call.

Sincerely,

SESI CONSULTING ENGINEERS D.P.C.

A handwritten signature in blue ink, appearing to read 'Fuad Dahan'.

Fuad Dahan, PhD, PE
Principal

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Geotechnical
Foundations
Land Planning
Geo-Structural
Environmental
Water Resources

Principals:

December 7, 2018

William Bennett
New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau C, Section A
625 Broadway, 11th Floor
Albany, NY 12233-7014

Steven P. Byszewski, PE, PP
Anthony Castillo, PE
Fuad Dahan, PhD, PE, LSRP
Roger Hendrickson
John M. Nederfield, PE
Justin M. Protasiewicz, PE
Kenneth Quazza, PE
Michael St. Pierre, PE

**RE: Weekly Report for Period December 1, 2018 to December 7, 2018
Grossingers
Town of Liberty, New York 12754
BCA Site No. C353015
SESI Project No. 9313**

Dear Mr. Bennett:

On behalf of our Client, Sullivan Resorts LLC, SESI Consulting Engineers (SESI) is pleased to submit a weekly progress report for the subject project. This progress report is for the week of December 1, 2018 to December 7, 2018 and is provided to the New York State Department of Environmental Conservation (NYSDEC) pursuant to the approved Remedial Investigation/Interim Remedial Measures Workplan (RI/IRMWP) dated October 3, 2018.

1. SUMMARY OF PROJECT ACTIVITIES: December 1, 2018 to December 7, 2018

A. TASKS PERFORMED DURING CURRENT REPORTING PERIOD

SESI, as the Environmental Engineering Consultant for the project, performed or coordinated the performance of the following tasks:

- Capital continued the bedrock excavation to remove the stained weathered bedrock. The excavation was expanded towards the north side going into the former boiler room area. This area was excavated about 3 feet into the bedrock and staining and product was still being observed. The stained bedrock was stockpiled onsite for later disposal.
- Twenty-eight (28) truck loads of contaminated soil were loaded out and bound for Bayshore in Keasbey, NJ.
- SESI surveyed the sample points and the limits of the BCP area.
- SESI collected end point samples for the UST and LNAPL excavation area.

- SESI observed Capital excavating the surface soil where pesticides were present.

B. CHANGES OR DEVIATIONS FROM ORIGINAL PLANS

No changes or deviations from the original plans as outlined in the approved RI/IRMWP were made during this weekly reporting period.

2. ANTICIPATED TASKS FOR NEXT REPORTING PERIOD

SESI anticipates performing the following tasks in the next weekly reporting period:

- Continue to install groundwater monitoring wells.
- Collect groundwater samples from the twelve new monitoring wells.
- Continue to excavate surface soil to remove pesticides
- Excavate boring samples and post-excavation samples with exceeded the unrestricted use SCOs and collect end point samples
- Continue to load out contaminated soil

3. DATA COLLECTION

A. SAMPLING ACTIVITIES AND ANALYTICAL RESULTS

The results of two sidewall end point samples collected along the western sidewall of the UST excavation showed no exceedances to the unrestricted use SCOs for VOCs and SVOCs.

Fifteen additional surface soil sample locations were sampled on November 28, 2018. Two soil samples were collected at each location from 0-2" and 6-8" and analyzed for pesticides. The results showed pesticide exceedances to the unrestricted use SCOs at ten of the fifteen locations.

The results of the surface soil samples and the end point samples collected from the UST area excavation will be summarized in a separate report. The report will be sent to the DEC.

4. PERSONNEL/ADMINISTRATIVE

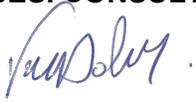
A. PROJECT STAFFING

One additional SESI staff will be used to install monitoring wells and collect groundwater samples. Additional SESI staff will be used as necessary to coordinate and observe the foundation removals, excavation of contaminated soil, post excavation sampling, attend construction meetings and project management, etc.

If you have any questions, please call.

Sincerely,

SESI CONSULTING ENGINEERS D.P.C.

A handwritten signature in blue ink, appearing to read "Fuad Dahan".

Fuad Dahan, PhD, PE
Principal

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