



DS CONSULTANTS

NEWSLETTER 2025



Shaheen Ahmad, P.Eng.
Chief Executive Officer
57 Years of Experience

Message from President & CEO:

It is hard to believe that DS Consultants Ltd. has already completed 7 years in business, growing annually between 20 to 25 percent. With our current staff of over 160, DS has served its many private and public clients, across Ontario and beyond. To serve our clients better, DS Consultants operates out of 5 locations and has expanded its services to include risk assessment and sophisticated instrumentation. Our highly qualified and experienced staff provide cost-effective solutions to our clients. Health and Safety has been a priority with our firm, and we are pleased to report that DS Consultants Ltd. is now a COR Certified company.

Blaine Dobson and Shaheen Ahmad



Blaine Dobson, P.Geo.
President
38 Years of Experience

SERVICES

- ✓ Geotechnical Engineering
- ✓ Environmental Site Assessments
- ✓ Hydrogeology
- ✓ Materials Inspection & Testing
- ✓ Building Sciences
- ✓ Concrete Technology
- ✓ Pavement & Asphalt Technology
- ✓ Roofing Inspections
- ✓ Instrumentation & Monitoring
- ✓ Soil Vapor Assessments
- ✓ Structural Steel Inspections
- ✓ Structural Rehabilitation
- ✓ Building Condition Surveys

ASSOCIATIONS & ACCREDITATIONS

- ✓ Professional Engineers of Ontario (PEO)
- ✓ Association of Professional Geoscientists (APGO)
- ✓ Ontario Association of Certified Engineering Technicians and Technologists (OACETT)
- ✓ Canadian Council of Independent Laboratories (CCIL)
- ✓ TARION (Bulletin19)
- ✓ Canadian Nuclear Safety Commission (CNSC)
- ✓ Ministry of Transportation (MTO) - Registry, Appraisal and Qualification System (RAQS)



VAUGHAN

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VAUGHAN LABORATORY

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CAMBRIDGE

125 McGovern Drive, Unit 4
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cambridge@dsconsultants.ca

BARRIE

40 Bell Farm Road, Unit 8
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Tel: 705-721-9392
barrie@dsconsultants.ca

HAMILTON

1290 Arvin Avenue, Unit 4
Stoney Creek, Ontario
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Tel: 289-656-0222
hamilton@dsconsultants.ca

HEALTH AND SAFETY



Erica Pizzola, CRSP
Health and Safety Officer
8 Years of Experience

DS Consultants Ltd. is dedicated to continuously improving safety practices, reducing risks, and protecting the health and safety of all employees. As part of our ongoing commitment to maintaining a healthy and safe workplace, DS has obtained the **Certificate of Recognition (COR)** certification through the Infrastructure Health and Safety Association (IHSA) in September 2024. The COR certification recognizes companies that have implemented effective health and safety programs, ensuring we meet the highest standards for workplace safety. Our dedicated team at DS is constantly working to foster a culture of safety and we remain committed to continuous improvement, ensuring that we are always striving for a safer and healthier workplace for all our employees.



WELCOME TO DS



Teresa Weatherhead, LEL, QP_{EA}
Environmental Team Lead
21 Years of Experience

Teresa Weatherhead is an Environmental Team Lead with DS Consultants Ltd., who has 19 years of direct experience in the consulting industry. Teresa has an Honours Science Degree from the University of Waterloo and a Post Graduate Diploma in Environmental Engineering Applications from Conestoga College. Teresa is a registered Limited Engineering Licensee (LEL) in the Province of Ontario. Teresa has conducted and supervised numerous Phase One and Phase Two Environmental Site Assessments for a variety of agricultural, residential, industrial, commercial and institutional properties. She also has experience in site remediation, environmental monitoring, submission of Record of Site Conditions and Excess Soil Management. Teresa is considered a Qualified Person to conduct Environmental Site Assessments as defined by Ontario Regulation 153/04 (as amended).

Joined the DS Team in 2024 and 2025

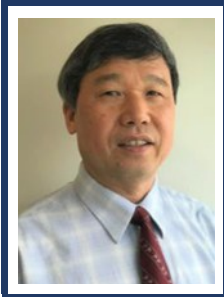
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|--------------------|-------------------------|-------------------|
| ◆ Nisha Rakholiya | ◆ Ivan Krivenko | ◆ Jaimin Patel |
| ◆ Dina Al-Shalah | ◆ Omer Memon | ◆ Praveen Jambagi |
| ◆ Harsh Patel | ◆ Saif Jalil | ◆ Isabel Bowers |
| ◆ Chirag Talaviya | ◆ Utkarsh Shukla | |
| ◆ Deepumon Ravi | ◆ Harsh Vardhan Rathore | |
| ◆ Duchyanth Malli | ◆ Faye Perchanok | |
| ◆ Sarbjyot Singh | ◆ Devashish Rawat | |
| ◆ Jenil Kumara | ◆ Esaam Mohammed | |
| ◆ Gladys Santos | ◆ Luisa Sanchez | |
| ◆ Ammar Kasim | ◆ Harinder Kaur | |
| ◆ Kushaldeep Singh | ◆ Aisha Sharif | |

DS Co-Op Term in 2024 and 2025

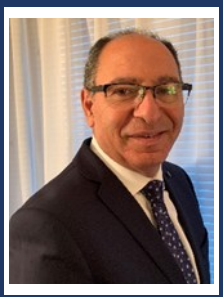
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|---------------------|-----------------------|---------------------|
| ◆ Divan Naik | ◆ Danijela Boras | ◆ Gavin Silva |
| ◆ Tami Edun | ◆ Shawn Liu | ◆ Telucy Lu |
| ◆ Peter Liu | ◆ Katherine Verth | ◆ Kole Marles |
| ◆ Joy-Marie Salama | ◆ Mariam Hassan | ◆ Brooke Taylor |
| ◆ Jeremy Low | ◆ Gabriel Zuber | ◆ Brian Xiang |
| ◆ Dylan Powis | ◆ Samuel Li | ◆ Vincent Nguyen |
| ◆ Senila Widyaratne | ◆ Abishake Sivakumar | ◆ Elsie Sirett |
| ◆ Rodolfo Herrera | ◆ Sebastian Schofield | ◆ Aidan Batchasingh |

Senior Personnel & Project Information

GEOTECHNICAL



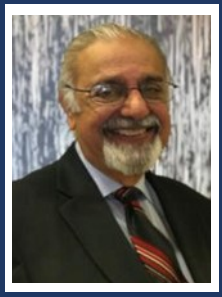
Fanyu Zhu, Ph.D., P.Eng.
Principal Engineer
34 Years of Experience



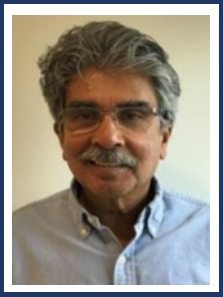
Labib Mousa, P.Eng.
East GTA Manager
39 Years of Experience



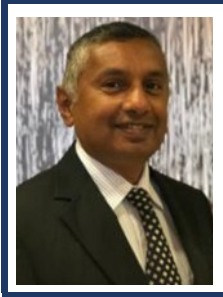
Derek Wang, P.Eng.
Senior Geotechnical Engineer
21 Years of Experience



Shaheen Ahmad, P.Eng.
CEO Senior Consultant
57 Years of Experience



Shabbir Bandukwala, P.Eng., M.Eng.
Principal Engineer
48 Years of Experience



Nirodha Widyaratne, P.Eng.
Manager, Geotechnical
32 Years of Experience



Alka Sangar, P. Eng., M.Eng., B.Eng.
Vice-President
27 Years of Experience

Water/Wastewater Servicing in North and West Bolton, Ontario

The purpose of the project is to provide water and wastewater services for the future Northwest Bolton community in Bolton, Ontario. Project includes for designing of Booster Pump Station, approximately 2.2 km of watermain and approximately 3.1 km of sanitary sewer designing by micro-tunneling. DS team continues to provide Geotechnical, Hydrogeological and Environmental Engineering Services.



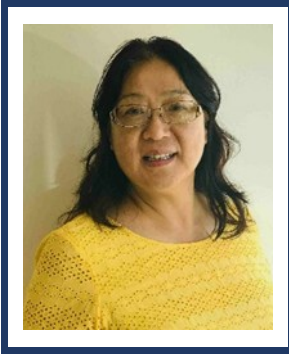
Lakeview Village, Mississauga, Ontario

Lakeview Village is a transformative 177-acre mixed-use development on Mississauga's eastern waterfront, repurposing the former Lakeview Power Generating Station site into a vibrant, sustainable community. Spearheaded by Lakeview Community Partners Limited (LCPL) in collaboration with the City of Mississauga, the project embodies a vision of modern urban living intertwined with nature and innovation. DS continues to provide geotechnical, hydrogeological and material testing services for the entire project since 2018.



Senior Personnel & Project Information

VIBRATION & MONITORING



Ling Zhou, P. Geo.
Manager, Vibration & Monitoring
34 Years of Experience



Alireza Arabi, BSc.
Geotechnical Technician
24 Years of Experience



Marco Santilli, B.A.Sc., E.I.T.
Senior Geotechnical Technician
32 Years of Experience

Vibration & Monitoring Services -

- ◆ Noise and Vibration Monitoring,
- ◆ Vibration Zone of Influence Study
- ◆ Noise Impact Study
- ◆ Shoring Settlement and Inclinometer Monitoring
- ◆ Ground and Rail Track, Bridge Movement and Settlement Monitoring
- ◆ Preconstruction Condition Survey and Crack Monitoring
- ◆ Tieback and Anchor Testing



We are proud to announce that we now offer additional services including the following:

- ◆ Noise and Vibration Study for Land Development
- ◆ Air Quality Assessment
- ◆ Air Quality Monitoring
- ◆ Designate Substance Survey Including Mould and Other Hazardous Materials Assessment
- ◆ Designate Substances Abatement Plan
- ◆ Air Quality Sampling for Asbestos Abatement

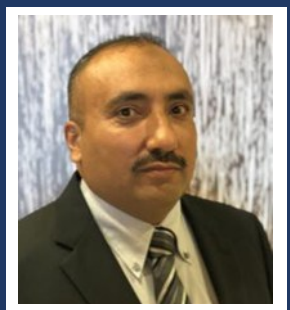


Senior Personnel & Project Information

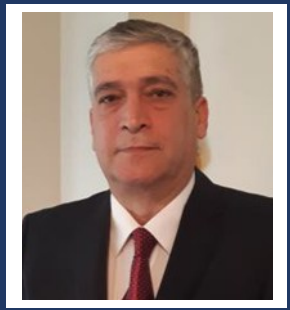
MATERIALS INSPECTION & TESTING (MIT)



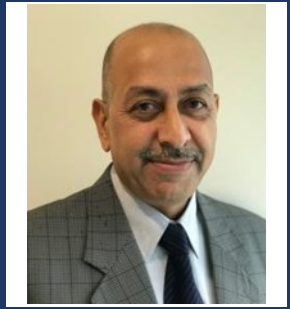
Blaine Dobson, P. Geo.
President
38 Years of Experience



Ibrahim Hajjaj, CET
Manager, Materials Testing
32 Years of Experience



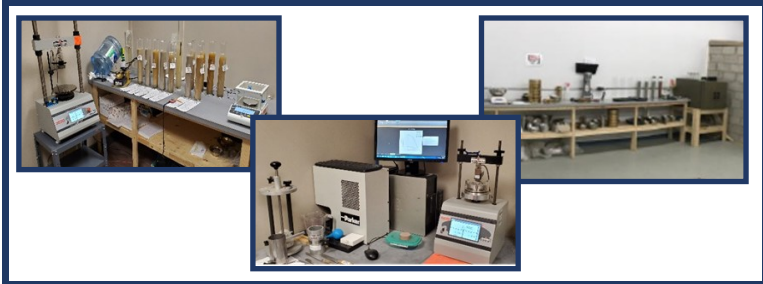
Ali Al-Shalah, P. Eng., PMP
Radiation Safety Officer (RSO)
28 Years of Experience



Mohamad Sulaiman, P. Eng.
MIT Supervisor
39 Years of Experience

Infill Residential Development, Whitby, ON:

DS is providing inspection and testing services for this new residential subdivision in Whitby. Not all new low-rise developments involve greenfields, there are many sites being repurposed including previous industrial, commercial and institutional sites. When space is limited, there are options including this underground stormwater retention system that will be landscaped with a new community park. Underground parking and retaining walls further allow developers to maximize the available space and DS is involved in the construction of many similar systems.



Keith Buth, CET
Vice-President, Land Development
36 Years of Experience



Jatinder Sudan
MIT Supervisor
27 Years of Experience



Jordan Gadjanov
Laboratory Manager
34 Years of Experience

Huttonville Bridge, Brampton, ON:

DS completed the geotechnical investigation for this bridge over the Huttonville Creek that is now nearing completion. This bridge is a single span of 38 m box girder bridge with a width of 22.9 m. Working with the development team, DS is providing inspection services for the piles, backfill and concrete. Communication is critical to ensure the quality of construction and address concerns as they arise to keep the project on budget and schedule.



Kirupa Saravanamuthu
Laboratory Supervisor
40 Years of Experience

Senior Personnel & Project Information

ENVIRONMENTAL



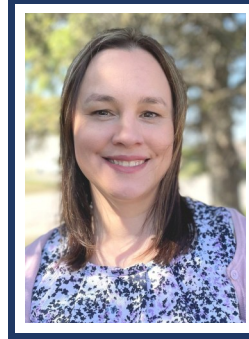
Rick Fioravanti, P.Geo., QPESA
Vice-President, Environmental
19 Years of Experience



Kirstin Olsen, MSc.
Environmental Project Manager
10 Years of Experience



Keith Clarke, B.Sc.
Senior Project Manager
24 Years of Experience



Reese McMillan, M.Sc., QPRA
Head of Risk Assessment
16 Years of Experience



Teresa Weatherhead, LEL, QPEA
Environmental Team Lead
21 Years of Experience

Rick's Excess Soil Digest

2025 marks over 2 years of full implementation of the excess soil regulation. Many Clients will ask “what do we need to do to comply”, and my answer is almost always “it depends”. There are many factors which affect how much testing work is required for a given project, hence why we take the time to ask our Clients questions to better understand their requirements with respect to timing, potential re-use locations for excess soil, and ever-present budget considerations. With DS's extensive background in excess soil management, Clients should consider the following when thinking about excess soil:

1. Does our project fall under the “low risk” category and can we scale the degree of testing accordingly?
2. Is a Project Area Notice or Re-Use Site Notice required? Have I budgeted for RPRA fees which can exceed \$50,000?
3. Is our contract language referencing contemporary Excess Soil Quality Standards when awarding earthworks? Include provision for 7 years records retention.
4. Does it make sense to complete extra testing to assist in managing varying zones of soil quality to reduce soil disposal volumes?

Senior Personnel & Project Information

ENVIRONMENTAL



Excess soil management is not a “one size fits all” approach and we strongly encourage Clients to engage us early and take an active role in the management of their soils from project onset to completion.

The MECP is actively auditing soil movement in the province. There are a few small compliance factors that can help mitigate risk of non-compliance, including:

1. Ensuring there is documented written consent from receiver of the soil (email is OK!)
2. Hauling records are required for all soil movement, regardless of whether the source is “low risk” or not
3. Having report(s) confirming the quality of the soil being transported, and that the quality of the soil is appropriate for the destination of the soil
4. Being aware of requirement for filing Project Area or Re-use Sites Notice on Excess Soil Registry

Still have excess soil related questions?

Feel free to connect directly with Rick at 647-234-5131 or

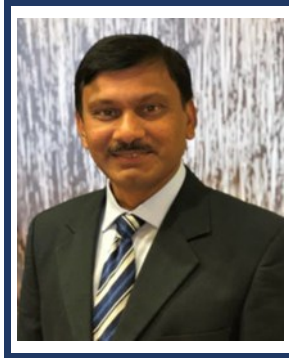
rfioravanti@diconsultants.ca

Senior Personnel & Project Information

HYDROGEOLOGY



Martin Gedeon, P.Geo.
Vice-President
32 Years of Experience



Pradeep Patel, P.Geo.
Senior Hydrogeologist
19 Years of Experience



Meysam Jafari, P.Geo.
Project Manager
14 Years of Experience



Don Hsu, P.Eng.
Senior Project Manager
22 Years of Experience

Hydrogeological Services at Lakeview Block 6 – Harbour Walk, Mississauga, ON.

DS was retained by Tridel to complete hydrogeological investigation to support the design of the condominium towers at Harbourwalk – Lakeview Block 6. DS has completed detailed hydrogeological investigation including drilling large diameter pumping wells and completing pumping tests to evaluate the aquifer characteristics in the overburden and shale bedrock.



Groundwater quality characterization is critical in the City of Mississauga as both temporary and permanent groundwater discharge is only allowed to the Municipal Storm sewer. DS is currently completing a comprehensive groundwater monitoring program both pre-construction and post construction to support the sewer discharge agreement and long-term discharge. DS is looking forward to providing professional services at Lakeview Developments.

Hydrogeological Services at 50 Wilson Heights Avenue., Toronto, ON.

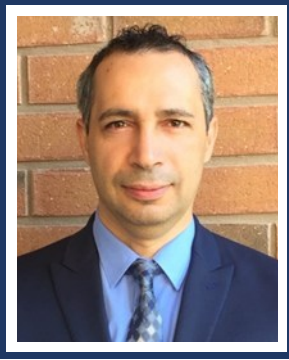
DS was retained by Greenwin to complete a hydrogeological review and a Toronto Water Sewer Discharge application at 50 Wilson Heights Avenue. This site is the first development block of a City-led master-planned community from CreateTO, that features both residential units and affordable rentals.

Development applications for this multiphase Site were submitted to the City of Toronto prior to the Foundation Drainage Policy (effective January 1, 2022). Therefore, permanent groundwater drainage was acceptable at this Site without the requirement for a water-tight (bathtub) underground structure. DS continues to work closely with developers and the City of Toronto to obtain time sensitive permits to support various development applications.



Senior Personnel & Project Information

BUILDING SCIENCE



Ibrahim El-Hajj
Vice-President, Building Science
28 Years of Experience



Maan Shukur
Manager, Building Science
29 Years of Experience



Qutaiba Hammad
Senior Project Manager, Building Science
34 Years of Experience

The Building Science Group is proud to be working on (3) developments among the nominated projects BILD.

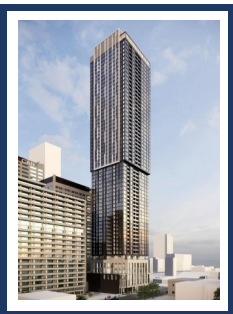
- ✓ One Roxborough West for North Drive
- ✓ The Bakerfield for Rose Corporation
- ✓ Bella Square for DBS Development



Forma Tower: Forma, a mixed-use development, located at Downtown Toronto's 266-284 King Street West, will feature (2) residential towers by Great Gulf Group, Dream, and Westdale Properties – (1) will be (73) stories and the other will be (84) stories with a total of 2034 condominiums.

Forma will be **Frank Gehry's tallest residential towers**, offering breathtaking views, bespoke suite finishes, elevated lifestyle amenities and services in downtown Toronto.

Exchange District Project: A great community at **Square One** in Mississauga by **Camrost-Felcorp** containing (4) Residential towers up to 72 storeys, designed by IBI Group.



36 Eglinton:

A 61-story condominium with Podium on five level underground parking garage.

This condominium tower was designed by Wallman Architects for Lifetime Developments on the northeast corner of Duplex Avenue and Eglinton Avenue West, in Toronto's Midtown.

The building science team is engaged in providing Tarion Bulletin 19 inspection, Building Envelope and testing services.

Senior Personnel & Project Information

BUILDING SCIENCE

Forma Tower - 266-270 King Street West, Toronto, ON:

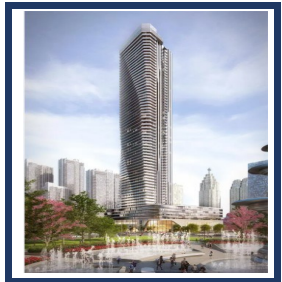
Forma presents unparalleled architecture and interior design to create a world-class condominium masterpiece. Standing 73 story tall with four underground parking garages at the nexus of the entertainment and financial districts in Toronto, Forma will be Frank Gehry's tallest residential towers, offering breathtaking views, bespoke suite finishes, elevated lifestyle amenities and services, wellness spaces, entertainment lounges, creative coworking spaces and an outdoor terrace to call home.

DS Consultants Building Science teams is involved in Tarion Bulletin 19 inspections, Building Envelope and testing, reporting to Tarion.

One Yonge Phase 2 - 11 Yonge Street, Toronto, ON:

95-storey mixed use tower and hotel with six underground parking garage is considered Canada's tallest building.

DS Consultants Building Science teams is involved in Tarion Bulletin 19 inspections and testing.



Senior Personnel & Project Information

BARRIE OFFICE



Anton Kostyuk, C.Tech., RCJI
Supervisor, Barrie Office,
8 Years of Experience

Barrie Project: Midhurst Heights Materials Phases A/B Materials Inspection and Testing, ON

The project involves a variety of construction activities from Earthworks, Site servicing and road building, to vibration monitoring, and hydrogeological investigations. The dry SWMP was founded on clay, and the client had concerns about the infiltration in the pond. DS found suitable material on site and recommended the sub-excavation and replacement of the silty clay soils with sandy materials.

DS monitored the material excavation and provided guidance on the material placement allowing the client to save money on importing sandfill and ensuring a well infiltrating dry pond. DS provided recommendations and inspection and testing services since day one of the project, the project is well into the road building phase now. The paving is set to be complete before the end of the year.

DS will continue to provide geotechnical and materials and testing services for the future phases of the project and will ensure the proper compaction and placement of materials and geotechnical guidance as needed.



Our Barrie Office opened its doors to serve Simcoe, Bruce and Grey Counties in 2018.



Senior Personnel & Project Information

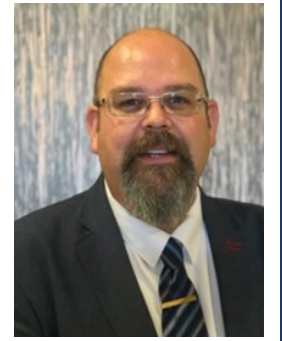
CAMBRIDGE OFFICE



Eva Papp, P.Eng.
 Manager, Cambridge Office
 32 Years of Experience

DS Consultants was retained by the Niagara Parks Commission to provide geotechnical investigations and inspection and testing for the Niagara Parks Commission expanding from Lake Ontario to Lake Erie along the Niagara Parkway from 2023 to present, including geotechnical investigations, material inspection and testing, and rock engineering.

During the project assignments DS has carried out inspections for trench backfill, proof rolls of subgrade materials, testing of road granular, monitoring of the placement of HL mixes, and concrete QA and testing. Some of the projects included large retaining wall structures, concrete improvements at local attractions, rock engineering and evaluation for footing design, drainage improvements and parking lot and road replacement in attraction areas and geotechnical and QA Testing for the Niagara Power Station Museum.



Rob Campbell, C.Tech
 Asst Manager, Cambridge Office
 27 Years of Experience

Queen Victoria Park Public Washroom and Driveway Revitalization:

Niagara Parks undertook a comprehensive project to replace the driveway and road leading to the outdoor public washroom facility within Queen Victoria Park (adjacent to the event field at the corner of Murray Street and the Niagara Parkway). The project will also include the reconstruction of the trail from the driveway to Murray Hill and 250 meters of trail that runs from Murray Street along the Moraine to the washroom building, enhancing both accessibility and safety for visitors.

Table Rock Centre

Improvements are underway at Table Rock Centre, including upgrades to the north side fire exit. This work will improve public safety while providing a more long-term solution to icy winter conditions, eliminating the need for temporary wooden infrastructure during the winter months.

Exterior Work at Niagara Parks Power Station

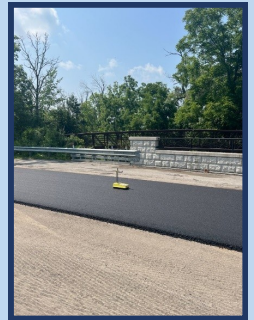
New public washrooms are being built on the west side of the Niagara Parks Power Station, with completion expected by spring 2025. This addition will elevate restroom facilities in Queen Victoria Park and significantly improve the guest experience in this busy area.

Miller Creek Bridge

Geotechnical Investigation and recommendations for bridge replacement.

Road Resurfacing Improvements

Asphalt resurfacing from Mechanic Street to Upper Rapids Boulevard, including both sides of Upper Rapids Boulevard.



Public Golf Course Improvements.

Improvement of drainage and full reconstruction of all pathways will in the public facility to provide guests an improved experience.



Senior Personnel & Project Information

HAMILTON OFFICE

City of Niagara Falls Geotechnical Investigation and Testing and Inspection Services



Osbert Benjamin, P.Eng
 Manager, Hamilton Office
 37 Years of Experience

The City of Niagara Falls is located in Southern Ontario in the Region of Niagara, situated between Fort Erie, and Niagara-on-the-Lake. Staffing for the City of Niagara Falls projects are based on an as needed basis. DS works with the City Inspectors to meet the daily needs of their projects.

DS has been engaged as the materials inspection and testing consultant.



A range of services are being provided including:

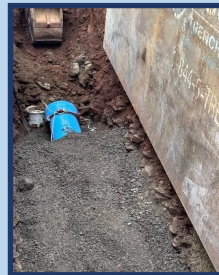
- Mix Design Reviews
- Materials Testing, Including Soils, Granular, Concrete and Asphalt Testing
- Topsoil Quality/Nutrient Testing
- Engineering Recommendations
- QP Services and Excess Soil

Project Sites

- **Road Reconstruction** – Testing of the on-going trench backfill, road subbase and base materials, as well as the surface course and binder course asphalts will be performed along various roads in Niagara Falls, including first assignment which is the reconstruction of Whirlpool Road at Stanley Avenue.
- **Concrete Testing** – Testing of new concrete being poured for the sidewalks and curbs during the road reconstructions.

Region of Halton, Geotechnical, Environmental and Hydrogeological Services – Prospect Street Reconstruction and Site Services Upgrade

The project entails the upgrade/replacement of watermain and wastewater mains, and road reconstruction on Grahams Lane from Brant Street westward to cul-de-sac and Prospect Street from Brant Street to Cumberland Avenue in the City of Burlington Ontario. DS Staff worked closely with the Region's Prime Consultant on the project (R.J. Burnside and Associates Limited) with input from Region of Halton Staff to facilitate timely execution of the project. DS Consultants Role DS has been engaged as geo-environmental consultants on the project.



Services provided include:

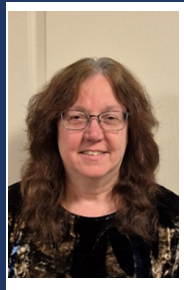
- Geotechnical Investigations for Open Cut and Trenchless Excavations
- Hydrogeological Study
- Environmental Services including Chemical Analysis in accordance with O.Reg 406-19; Excess Soil Chemical, Analysis Reviews; Sampling and Analysis, Plans, Soil Characterization Reports and, Excess Soil Destination Report

Project Outcomes/Challenges

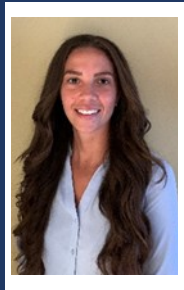
Challenges that arose during this project were attributable to the varying subsurface material conditions across the roadway alignment. Materials encountered were glacial tills, occasional sand and gravel zones and variable Queenston Shale Bedrock. The project included sections of trenchless excavations which required recommendations to deal with mixed-face conditions.

Challenges were also presented due to working in a high-traffic urban environment with a myriad of existing buried infrastructure/structures that had to be negotiated to advance a number of boreholes.

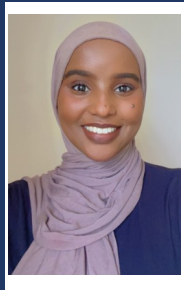
ADMINISTRATIVE TEAM



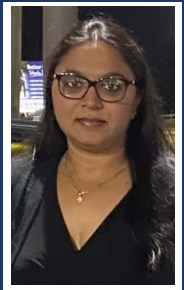
Gail Purpura, C.E.T
Office Manager, Administrator
39 Years of Experience



Erica Pizzola, CRST
Health and Safety Officer
8 Years of Experience



Asia Ali
Human Resources Generalist
7 Years of Experience



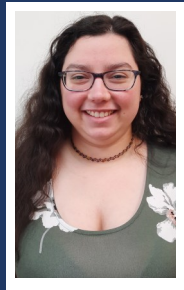
Bindu Goel
Accountant Manager
16 Years of Experience



Raj Rao
Accounting Manager
35 Years of Experience



Elizabeth Emmanuel
Junior Accountant
5 Years of Experience



Samantha Purpura
Admin Assistant
5 Years of Experience

DS TEAM AT RECREATION

Anniversary/Birthday Celebration



DS Golfing Days



Christmas Party 2024



Company Picnic 2024



Cambridge Pumpkin Carving Contest 2024

