

NSW Government
Department of Planning, Industry and Environment
Planning Secretary

To whom it may concern,

I am writing to inform you of the proposed Independent Environmental Auditor for the Upgrade to Mosman High School Project SSD 10465 in accordance with condition of consent C42.

JBS&G Australia Pty Ltd are proposed as Independent Environment Auditor for this project.

The independent environmental audits will be overseen by Christine Louie, one of JBS&G's Principals and an Exemplar Global certified Auditor for Environmental Management Systems. Christine will also be responsible for overall project co-ordination and ensuring the deliverables are provided within the proposed timeframe. Technical and QA/QC support will be provided by Lachlan Wilkinson, one of JBS&G's Principals specialising in environmental assessment and approvals. Audit support will also be provided by Sahani Gunatunge and Dominic Hoban, experienced audit assistants.

CVs for the project team are attached.

Yours sincerely



Jade Nicholson
Project Manager
Multiplex

JBS&G PEOPLE

CHRISTINE LOUIE / PRINCIPAL



QUALIFICATIONS

Bachelor of Engineering (Chemical) (Hons)

Master of Environmental Engineering Science

PROFESSIONAL CAREER

2017 -	Principal, JBS&G
2015 - 2017	Senior Associate, Senversa
2006 - 2015	Associate Director, AECOM
2003 - 2006	Associate Engineer, Coffey Environments
2001 - 2003	Senior Environmental Engineer, Stantec
1998 - 2001	Senior Project Engineer, ACOR Consultants
1996 - 1998	Environmental Engineer, WSP
1991 - 1996	Engineer, Sydney Water Corporation

ASSOCIATIONS AND AFFILIATIONS

Engineers Australia (Chartered Professional Engineer – NER, Environmental Engineering)

Certified Auditor – Environmental Management Systems, Exemplar Global

PROFILE

Christine Louie is a Principal based in JBS&G's Sydney office. She has over twenty years' experience in environmental engineering and management, with a focus on auditing and site assessment. Her expertise includes being lead environmental auditor on independent environmental and compliance audits, and due diligence audits for operational facilities. She is an Exemplar Global certified auditor for Environmental Management Systems. Christine has been accepted as being suitably qualified and experienced to undertake independent environmental audits of developments by the NSW Department of Planning, Industry and Environment.

Christine has also managed and peer reviewed environmental site assessments involving soil, groundwater and soil vapour assessment programs, site validation and remediation strategy development for various greenfield, residential, and commercial/industrial development sites and provides technical direction on NSW projects.

In the capacity of project manager and/or audit assistant to accredited contaminated land auditors, Christine has provided technical reviews for in excess of 70 contaminated sites audits in NSW and WA and has prepared both statutory and non-statutory site audit reports and statements.

KEY PROJECT EXPERIENCE

ENVIRONMENTAL AUDITING – COMPLIANCE AND DUE DILIGENCE

Independent Environmental Audits, various sites

Lead Auditor for Independent Environmental Audits undertaken in accordance with NSW Department of Planning, Industry and Environment Independent Audit Post Approval Requirements for state significant development sites. Sites include:

- Santa Sophia Catholic College Box Hill SSD 9772
- Waitara Public School SSD 8574
- Royal North Hospital SSD 8816
- Smalls Road Public School Ryde SSD 8372
- Bringelly Road Business Hub Horningsea Park – CFC Group SSD 9511 and Steel force SSD 8900 sites
- Walsh Bay Arts and Cultural Precinct. SSD 8671 and SSD 7561

Diversified Minerals, NSW EP&A Act Approvals

Lead Auditor for Compliance Audit of new gold mine following recommencement of construction. Desktop review, stakeholder consultation and site interviews conducted for assessment of compliance against environmental approvals and licences, and statement of commitments. Majors Creek, NSW.

CHRISTINE LOUIE (CONT.)

Diversified Minerals, Commonwealth EPBC Act Approval Conditions Audit

Lead Auditor for Compliance Audit under EPBC Act approval conditions providing for the protection of listed threatened species and communities. Conduct of desktop review of management plans and available information, and site inspection and interview of personnel for a new gold mine. The audit team, and audit criteria and methodology were approved by the Department of Environment. Majors Creek, NSW.

International confidential client

Desktop due diligence audit of airport fuel depots across Australia and New Zealand.

Tyco, various industrial sites

Project manager and auditor for EH&S due diligence and compliance audit program in Australia (four industrial sites) and New Zealand (electronics factory). Undertook on-site audits and post audit follow-ups using Enhesa audit protocol.

CONTAMINATED SITES AUDITING

Department of Defence, NSW, NT and SA

Assistant to Technical Adviser for provision of independent technical advice on site investigation planning and data gap assessments undertaken for various operational Defence bases and sites.

Former chemical manufacturing facility West Ryde

Audit of site investigations and validation of remediation of former household chemical manufacturing facility for ongoing commercial/industrial and future open space or high density residential with basement land use. Remediation of TPH, chlorinated VOCs and NAPL in groundwater was undertaken through on-site and off-site source excavation. Soil, groundwater and soil vapour investigation, and human health risk assessment were undertaken with implementation of an Environmental Management Plan (EMP) post remediation. Statutory and non-statutory site audit statements and reports were prepared with the site with final site suitability not subject to ongoing monitoring or management of site contamination.

Department of Defence, Former Defence National Storage and Distribution Centre Licensed Area Moorebank NSW

Audit of remediation works undertaken in former refuelling area. A series of multi-phase vapour extraction events were undertaken following removal of site infrastructure. The site audit concluded that the site was suitable for industrial development as a container intermodal facility with no basement subject to implementation of an EMP.

Greenfield and depot sites, Sydney Water Corporation

Audit of site investigations and preparation of site audit statements and reports for divestment of surplus land for various SWC properties including:

- Vacant land adjacent to stormwater channel, Mona Vale
- Open space land, North Narrabeen
- Water main infrastructure site, Greenacre
- Former depot adjoining reservoir, Ashbury

Former poultry processing facility Hoxton Park

Audit of site investigations and remediation and validation of former poultry processing facility. Remediation of TPH impacted soil through bio piling and landfarming with site validation including asbestos impacted stockpiles. Preparation of site audit statement and report for proposed residential with accessible soil land use.

Petroleum Facilities, ACT

Audit of site investigations and preparation of statutory audit reports for former service station and depot sites in ACT. Contaminants of potential concern included petroleum hydrocarbons and Per- and polyfluoroalkyl substances (PFAS).

WestConnex M4 widening, Sydney NSW

Review of assessment reports, waste classification reports and site management plans (SMP) associated with the relocation of site won asbestos impacted soil and preparation of interim audit advice. M4 Homebush.

Former Municipal Landfill, Ryde NSW

Audit of former municipal landfill site proposed for redevelopment as an operations centre. Review of historical reports and proposed soil, groundwater and landfill gas assessment program.

Newmarket Green, Randwick NSW

Audit of former horse stables and industrial site for high density residential apartment development including temporary display office. Review of site assessment and soil vapour investigation reports and preparation of site audit statement.

Frasers Broadway, former Kent Brewery Sydney

Audit of basement portion of development block 8 of the overall redevelopment site for mixed commercial, including childcare centres, and high-density residential use.

Meriton, Eastgardens NSW

Audit of various stages of development of 16-hectare decommissioned tobacco processing site for high density residential development including childcare centres.

CHRISTINE LOUIE (CONT.)

AWJ Civil/Boral, Greystanes Estate NSW

Audit of site investigations for a 300-hectare former quarry site in north west Sydney for development into commercial/industrial and open space use. Assessments have also included investigation and development of management plans for portions of the site which have been impacted by asbestos waste. Assisted in preparation of site audit report and site audit statement for various stages of development across the site.

Developer, Leichhardt NSW

Audit of former hosiery manufacturing facility proposed for residential/mixed use. Preparation of Section B Site Audit Statement and Audit Report for remediation of impacted soil and groundwater.

BATA, Eastgardens NSW

Audit of 16-hectare operational tobacco manufacturing site previously used for car manufacturing. The site was subdivided for continued industrial use on one lot and rezoned for mixed residential development on the other lot.

Various greenfield and brownfield sites, WA

Audit of site investigations and preparation of mandatory audit reports for various developments on former industrial or greenfield sites for residential development in WA. Sites have included former power stations, market gardens, industrial facilities and landfills. Many of the sites have been impacted by asbestos from former structures or dumping and remediation of these sites have required adherence to WA Department of Health requirements.

Thiess Services, Former Lednez/Union Carbide chemical facility, Homebush Bay NSW

Data validation and review of technical reports in support of site audit. Preparation of interim site audit reports on validation of excavated materials for reuse or treatment by thermal desorption.

ENVIRONMENTAL SITE ASSESSMENT AND REMEDIATION

Matraville pumping station, Sydney Water

Project management of desktop and intrusive site investigation for due diligence purposes prior to new wet well construction.

Dry-cleaning facility SMP and ongoing monitoring, St Marys

Development of SMP plan for operational dry-cleaning facility located within a shopping centre. The site was reported under Duty to Report provisions of the CLM Act and through demonstration of lack of risk to human health and implementation of a LTEMP, regulation by the EPA was not required.

Confidential client, NSW

Project manager for expert witness support for road infrastructure project involving compulsory acquisition of commercial/industrial site formerly used as a bond store, automotive workshop, and waste transfer site. Co-ordination and technical support for conduct of desktop and intrusive site investigations, and statement of evidence.

Industrial site, Padstow, NSW

Preparation of Remediation Action Plan (RAP) for the remediation of lead impact in soil at a site used for assembly, charging and distribution of industrial and automotive batteries. Remedial strategy involved the excavation of impacted soil hotspots, and placement in a capped containment cell developed as part of a Voluntary Management Proposal.

Integral Energy Depot, Minto, NSW

Validation of decommissioning of underground and above ground tank areas.

Industrial Subdivision Seven Hills, NSW

Management of site investigations and preparation of Contamination Management Plan for former galvanising, electroplating and painting workshops site.

NSW Department of Commerce, Department of Housing Site Inner Sydney, NSW

Management of Phase 2 ESA including soil vapour assessment at former dry-cleaning site.

JBS&G PEOPLE

LACHLAN WILKINSON / PRINCIPAL TECHNICAL ADVISOR - ENVIRONMENTAL ASSESSMENTS



QUALIFICATIONS

Bachelor of Science (Forestry)
Master of Environmental Studies
Diploma of Forestry
Graduate Certificate of Management
Certificate IV Training and Assessment

PROFESSIONAL CAREER

2013 - Principal, EIA, JBS&G
2001 - 2013 Environmental Assessment Manager, Department of the Environment
1996 - 2001 Assistant Director, Biodiversity Unit, Environment Australia
1990 - 1996 Senior Planner, Office of Planning and Heritage Victoria
1981 - 1990 Various roles, Department of Conservation, Forests and Lands, Victoria

ACCREDITATIONS & AFFILIATIONS

Certified Environmental Practitioner - Impact Assessment Specialist
Fellow, Environment Institute of Australia and New Zealand
Member, International Association for Impact Assessment

AWARDS

2015 Certified Environmental Practitioner of the Year by the Environment Institute of Australia and New Zealand.
2019 Simon Molesworth Award for Outstanding Contribution to the Environment Institute of Australia and New Zealand.

PROFILE

Lachlan Wilkinson is a Principal Technical Advisor – Environmental Assessments, based in JBS&G’s Melbourne office. He is a highly experienced manager of environmental assessment and approval processes for complex, multi- jurisdictional projects and has experience in undertaking environmental assessments across Australia, in particular, in Victoria, South Australia and New South Wales and at the national level.

Lachlan brings strong technical skills from 40 years of experience in environmental management at the international, national, state and local level. He also has extensive experience as a government regulator for both state and federal governments. This includes 12 years of experience managing environmental assessments under the *Environment Protection and Biodiversity Conservation Act 1999*.

Lachlan is recognised for his commitment to promoting best practice and is an experienced trainer and presenter on environmental management and regulation. As Chair of the Special Interest Section on Impact Assessment within the Environment Institute of Australia and New Zealand (EIANZ), Lachlan has a good overview of developments and trends in impact assessment across Australia. He is also actively involved in the International Association for Impact Assessment and was Chair of the Association’s 2019 conference in Brisbane.

In recognition of his contribution to the environment profession, Lachlan was awarded the 2015 Certified Environmental Practitioner of the Year by EIANZ. In 2019, he received the Simon Molesworth Award, which is the highest award given annually by EIANZ to a member who has made an outstanding contribution to EIANZ at the Institute level.

KEY PROJECT EXPERIENCE

ENVIRONMENTAL ASSESSMENTS

Huntly Gold Processing and Creek Restoration Project, VIC, Huntly Common, 2020 –

Managing environmental approvals for a project involving reprocessing of historical mine tailings and restoration of the Bendigo Creek at Huntly, approximately 6 km north of Bendigo. This includes managing specialist sub-consultants, liaising with government agencies and preparing environmental assessment documents.

Resource Renewal Facility, VIC, Sims Resource Renewal, 2020 –

Preparing a planning permit application for a facility in Broadmeadows to convert automobile shredded residue into syngas for energy production and a supplementary cementitious material using plasma gasification. Also, providing a review role for an EPA works approval application for this project.

LACHLAN WILKINSON (CONT.)

Project EnergyConnect, SA, ElectraNet 2019

Providing technical input on assessment methodology for the proposed interconnector between SA and NSW, including review of the environmental impact statement (EIS) and technical reports.

Environmental Assessment Assistance, VIC, Earth Resources Regulation, 2017 – 2020

Managed a small team to assist the government regulator in assessing work plans for mining, extractive industry and exploration projects in Victoria. This included reviewing risk assessments, and preparing referral documentation and briefing material for the decision-maker.

Guideline development, Department for Energy and Mining, SA, 2019-2020

Assisted the Department in preparing industry guidelines on developing environmental outcomes and assessment criteria for mining projects in South Australia.

Organised reasoning training, Department for Energy and Mining, SA, 2019

Provided training for South Australian referral agencies on the use of organised reasoning in mining assessments. This was to enable the Department of Energy and Mining to apply the approach to a pilot project.

Nowingi Solar and Storage Project, VIC, Lyon Group, 2017

Managed environmental approvals for a 250 MW solar farm and 80 MW battery storage proposal near Mildura. This included liaison with Council and relevant government agencies and management of specialist technical consultants.

Kendall Bay NSW, Jemena, 2016 - 2017

Lachlan was a contributing author and technical reviewer for the EIS for this remediation project in Sydney Harbour. He provided high level advice on the environmental assessment and contributed to the project environmental risk workshop.

Campoona Graphite Project, SA, Archer Exploration, 2016-17

High level review of Mining Lease Proposal. Lead author for a technical appendix on environmental impacts associated with the use of Hydrofluoric acid in a Concentrate Upgrade Facility. Reviewed and contributed to a response document to submissions from government agencies on the Mining Lease Proposal.

Stockman copper project, VIC, Independence Group, 2016

Developed strategy for secondary approvals for the project following completion of the Environmental Effects Statement process. Advised on the work program needed to complete a Mine Work Plan.

OZ Minerals SA, 2015

Reviewed the potential approvals pathways for a range of project options for a proposed copper mine. The report identified the pathways available and the timeliness, certainty and community acceptability of each. The report also considered the land access options available, the constraints and merits of each and the extent to which an option would meet project objectives.

Strategic Assessment, Department of Environment, Water and Natural Resources Fire Management Policy and Procedures – Department of the Environment SA, 2014

Prepared documentation for public consultation as part of a strategic assessment of DEWNR's fire management policy and procedures under the EPBC Act 1999. This included preparing the response to public submissions and revising the assessment documentation to enable it to be endorsed by the Commonwealth Minister for the Environment.

Dry Creek Salt Field, SA, Ridley Corporation, 2014

Prepared a Program for Environment Protection and Rehabilitation and Mine Operations Plan for this 5,500 ha site along 28 km of coastline north of Adelaide. This included negotiation with the SA Government and preparation of a full environmental impact and risk assessment as a first step in closure planning.

Central Eyre Iron Project, SA, Iron Road Limited, 2013

Provided strategic environmental advice, management of EPBC Act approval processes, and review of environmental assessment documents for the Central Eyre Iron Project – an open cut mine that will produce 21.5 million tonnes per annum of iron concentrate along with an associated infrastructure corridor and port capable of handling Capesize vessels.

Project and strategic assessments, Pilbara WA, Department of Sustainability, Environment, Water, Population and Communities, 2012 - 2013

Managed assessment of iron ore proposals and supporting infrastructure in the Pilbara under the EPBC Act, in consultation with the WA EPA. Contributed to development of an offsets strategy for the area and to the strategic assessment of long term mining proposals by BHP Billiton and Rio Tinto.

Four Mile Uranium Mine, SA, Department of the Environment and Heritage, 2008 – 2009

Managed the Australian Government's environmental assessment of the Four Mile in situ recovery uranium mine, working in close cooperation with the SA Government. The methodology used in this assessment and environmental management strategies adopted subsequently provided the basis of Australia's in situ recovery uranium mining best practice guide.

LACHLAN WILKINSON (CONT.)

Olympic Dam Expansion SA, Department of Sustainability, Environment, Water, Population and Communities (C'th), 2007 – 2012

Managed the Australian Government's environmental assessment of the Olympic Dam Expansion under the EPBC Act 1999. This was the largest mining proposal in Australia and included mining of a copper-uranium-gold-silver resource through an open pit mine, with a new processing plant and a range of on and off-site infrastructure.

Successful completion of the assessment process involved extensive liaison across Australian Government agencies, and the SA and NT governments, and development of a strong cooperative working arrangement between all three governments. It also required synthesis of a range of technical inputs to ensure a rigorous and legally sound assessment and approval.

Tugun Bypass, NSW&QLD, Department of the Environment and Heritage, 2003 – 2004

Successfully managed the environmental assessment of the Tugun Bypass, on the NSW–QLD border, under the EPBC Act, by leading and steering the assessment through a cooperative process involving QLD, NSW and Australian government agencies. This was a complex assessment process involving approvals from two state governments and separate approvals from the Federal Government under the EPBC Act and the Airports Act.

Brisbane Airport New Parallel Runway, QLD, Department of Environment and Heritage (C'th), 2004 – 2006

Managed the Australia Government's environmental assessment of a proposed 3.3 km New Parallel Runway at Brisbane Airport along with supporting infrastructure. In addition to several QLD Government approvals, the project required approval from the Australian Government under the EPBC Act and Airports Act and to changes in airspace management. The assessment required extensive liaison and negotiation across both governments to ensure all parties were satisfied with the adequacy of the assessment and that all government requirements were met. The whole process was successfully completed in two years, setting a benchmark for assessment of a new runway in a capital city.

Loch Sands Resort, VIC, Office of Planning and Heritage 1995

Prepared the Minister's Assessment Report under the Environment Effects Act 1978 for a proposed resort development on the Gippsland Lakes and managed assessment of a related Planning Scheme Amendment.

PROJECT DEVELOPMENT

Advice on development of major projects for Nuclear Citizens' Jury, Department of Premier and Cabinet, SA, 2016

Prepared a report and presentation to assist the Nuclear Citizen's Jury to understand the project development cycle for major projects. The report and presentation provided a conceptual roadmap for the development of major projects; highlighted the role of scoping, pre-feasibility and feasibility studies and the decision to be made at each step; described project delivery models; and examined the reasons why projects do not advance.

Development of criteria for government assistance to the resources sector 2016, Confidential client.

Prepared a report on potential criteria that could be used to provide government support at each stage of the project development cycle to the resources industry to address market failure. The report included benchmarking against schemes in other jurisdictions in Australia and in Canada, and development of a framework for applying the criteria.

ENVIRONMENTAL AUDITS

Review of environmental compliance systems, NSW, Confidential client, 2019

Reviewed environmental compliance measures, processes and systems for several industrial facilities in the Hunter Valley and prepared recommendations for reducing non-compliance risk.

Environmental audit oversight, NSW, Multiple clients 2017 -

Provided oversight of environmental audits for construction of urban developments in Sydney, including review of environmental management plans and audit criteria, and review of monthly environmental audit reports.

Review of Environmental Management System, Australia/New Zealand, Spotless 2017

Reviewed documentation in Spotless' Environmental Management System to address the new requirements of ISO 14001:2015 in preparation for an external accreditation audit.

Parklea Maximum and Minimum Security Prison redevelopments, NSW, Hansen Yuncken 2016 - 2017

Oversight of monthly environmental compliance audits for these redevelopments, including development of audit criteria and review of monthly audit findings.

Independent Environmental Compliance Audit, NSW, Pace Farm, 2016

Completed a comprehensive independent compliance audit of an egg laying and grading facility at West Wyalong, NSW. Recognised as approved auditor by the Department of Planning and Environment.

LACHLAN WILKINSON (CONT.)

ENVIRONMENTAL POLICY AND STRATEGY

EPBC Act Guidance material (C'th), Department of the Environment and Energy, 2017

Prepared internal guidance material for the Department on preparing referral briefs, writing recommendation reports, setting approval conditions and undertaking strategic assessments.

Convention on Biological Diversity (C'th), Environment Australia, 1997 – 2000

Led the preparation of the Australian delegation brief for the Fourth Conference of the Parties in Bratislava (1998) and Fifth Conference of the Parties in Nairobi (2000), including negotiation of whole of government positions with other agencies and in consultation with non-government organisations. Represented Australia and successfully negotiated consensus decisions with other parties to the convention (approx. 180 member countries).

South Gippsland Coastal Villages Strategy, VIC, Office of Planning and Heritage 1995

Managed consultancy and steering group to develop a land use planning strategy for coastal villages under development pressure in South Gippsland.

RECENT CONFERENCES & PRESENTATIONS

2019 Conference Chair, International Association for Impact Assessment Conference, Brisbane.

2019: International Association for Impact Assessment Conference: *The value of stakeholder engagement in early project planning.*

2018 International Association for Impact Assessment Conference: *Development of an impact assessment specialist certification in Australia.*

2017 EIANZ Conference: Workshop co-facilitator - *Strategic thinking: Going beyond project level impact assessment.*

2017 Impact Assessment practitioners forum: *The state of impact assessment in South Australia.*

2016 Webinar for Environment Institute of Australia and New Zealand (EIANZ): *Why you should become a Certified Environmental Practitioner.*

2015 International Association for Impact Assessment Conference: *Use of digital media in stakeholder engagement.*

2013 EIANZ Conference: Workshop facilitator – *Developing the next generation of impact assessment professionals.*

2013 EIANZ Conference: *Using research to support strategic assessments in the Pilbara.*

JBS&G PEOPLE

SAHANI GUNATUNGE / ENVIRONMENTAL CONSULTANT



QUALIFICATIONS

Bachelor of Engineering (Civil) (Hons)

Master of Engineering Science (Environmental)

PROFESSIONAL CAREER

2014 - Environmental Consultant, JBS&G

SHORT COURSES

OH&S Induction Training for the Construction Industry

Non-friable Asbestos Removal Licence

Asbestos Removal Supervisor Licence

First Aid Certificate

Field Portable Analytical Radiation Apparatus – Radiation Safety Training Course ED 216

Membrane Filter Method for Estimating Airborne Asbestos Training Course

ASSOCIATIONS & AFFILIATIONS

Member of the Australasian Land and Groundwater Association (ALGA)

Member of Australian Contaminated Land Consultants Association (ACLCA)

PROFILE

Sahani Gunatunge is an Environmental Engineer based in JBS&G's Sydney office. She has over five years' experience in the contaminated land industry. Sahani holds a Bachelor of Civil Engineering (Class 1 Honours) and a Master of Engineering Science (Environmental) from the University of New South Wales.

Sahani has worked on numerous contaminated land projects with varying degrees of size and complexity. Sahani has experience in many aspects of contaminated land projects including preliminary (PSI) and detailed site investigations (DSI), due diligence and environmental liability, waste classification, environmental monitoring, remediation and validation.

Sahani has experience in contaminated land auditing, assisting NSW EPA accredited contaminated land site auditor Andrew Lau on a range of statutory and non-statutory site audits in NSW. In the capacity of project manager and audit assistant, Sahani has assisted with the site audits of the former Defence National Storage and Distribution Centre, New Maitland Hospital, Wahroonga Adventist School, Tweed Valley Hospital and Wentworth Point Headland Park.

Sahani also has experience in environmental auditing for the assessment of environmental performance and compliance status of state significant development projects. Sahani has been accepted as part of a suitably qualified and experienced audit team to undertake independent environmental audits by the NSW Department of Planning, Industry and Environment.

KEY PROJECT EXPERIENCE

CONTAMINATED LAND ASSESSMENT AND REMEDIATION

Former Council Depot, Redfern NSW (2018-present)

Sahani project managed the delivery of a data gap assessment at a former Council Depot relating to the proposed redevelopment for community housing purposes. Sahani supervised the field team completing intrusive soil, groundwater and soil vapour investigation to assess contamination issues for the site. A Remedial Action Plan (RAP) was developed based on the site investigation findings and was subsequently approved by the EPA accredited site auditor. JBS&G is currently providing validation consulting services as part of the site remediation and construction program.

SAHANI GUNATUNGE (CONT.)

Multiple Sites, Millers Point NSW (2017-2018)

Sahani project managed the delivery of site investigations at two properties part of NSW Government's social housing portfolio to assess contamination status prior to potential divestment. Sahani was responsible for overseeing field works including soil sampling and a hazardous building materials survey, subsequent data assessment and reporting.

Former Queenscliff Community Health Centre, North Manly NSW (2019-present)

Sahani project managed the delivery of an addendum DSI and RAP relating to the proposed redevelopment of the site for residential purposes. JBS&G is currently providing validation consulting services as part of the site remediation program.

Industrial Development, Prestons NSW (2018)

Sahani project managed the delivery of a DSI and RAP at a property in Prestons to assess contamination status prior to potential development for commercial/ industrial use. Sahani was responsible for overseeing field works including soil and soil vapour sampling, subsequent data assessment and reporting.

Former Industrial Site, Leichhardt NSW (2016)

Sahani was part of a team supervising the remedial works conducted at a former industrial site being redeveloped for high density residential land use. Works included supervision of remediation relating to soils impacted with asbestos, heavy metals, hydrocarbons and solvents, material tracking and waste classification to enable off-site disposal, air monitoring, validation of soils, groundwater gauging and overseeing daily operation of the groundwater treatment plant.

Landcom, Austral NSW (2017-2018)

Sahani project managed the delivery of a PSI at a large rural land parcel owned by the Office of Strategic Lands. Sahani undertook a detailed site inspection and completed reporting of the due diligence level investigation to assess potential opportunities and constraints in relation to site contamination issues for the site.

UST Validation, Mount Victoria NSW (2018)

Sahani was part of the JBS&G project team undertaking assessment of historical underground petroleum storage system (UPSS) on a roadworks construction site at Great Western Highway, Mount Victoria NSW. Sahani conducted data assessment and validation reporting to enable decommissioning of the UPSS system.

Former Substation Redevelopment, Richmond NSW (2018)

Sahani developed the RAP to guide remedial and validation works at the former Richmond Zone Substation site proposed for divestment. The RAP was developed to enable future development of the site for the most sensitive permissible childcare centre land use and was subsequently approved by the EPA accredited site auditor.

Former Shell Service Station UST Validation Program, Clarendon NSW (2017)

Sahani was part of the JBS&G project team providing advice regarding the onsite and offsite groundwater contamination at the former Shell service station. The tank replacement program undertaken at the site comprised removal and replacement of five underground storage tanks (USTs) and associated infrastructure. Sahani was responsible for overseeing remedial excavations, collecting validation samples, waste classification sampling to enable off-site disposal, sampling of virgin excavated natural material (VENM) being imported and subsequent reporting. Sahani also undertook fieldworks and reporting for a quarterly groundwater monitoring event (GME) as part of ongoing monitoring requirements.

Former Munitions Site, Ropes Crossing NSW (2015-2016)

Part of the team completing environmental investigations at the former munitions site in Central Precinct, which was proposed for low density residential development. Works included soil and groundwater sampling, asbestos quantification and collation of laboratory data and assistance with reporting.

Water Treatment and Re-use System, Barangaroo NSW (2016-present)

Sahani project manages the Barangaroo Headland Park Water Re-Use System investigation works, undertaken to assist the redesign and recommission of the water treatment and re-use system. Works include routine monitoring targeting different subsystems of the overall Water Re-Use System, and liaison with the overall project team.

Residential Redevelopment, Bondi NSW (2015-2016)

Sahani conducted fieldworks for the project during the redevelopment of the site for high density residential land use. Initial works included test pitting and soil sampling for the site assessment purposes. Remedial work for lead and asbestos impacted fill was completed at the time of bulk earthworks. Sahani assisted in validation of the site by conducting final waste classification sampling/reporting, overseeing validation of imported material, collating all project data and preparing the site validation report for auditor sign off.

Former Substation Redevelopment, Richmond NSW (2018)

Sahani developed the RAP to guide remedial and validation works at the former Richmond Zone Substation site proposed for divestment. The RAP was developed to enable future development of the site for the most sensitive permissible childcare centre land use and was subsequently approved by the EPA accredited site auditor.

Former South Sydney Hospital, NSW (2015)

Sahani oversaw remedial works during the redevelopment of the former hospital site for mixed residential, commercial and open space land use. Works included material tracking and dust tracking, direction of remediation excavations for asbestos and lead impacted soils, and collection of validation samples.

SAHANI GUNATUNGE (CONT.)

Former BP Scone Service Station, NSW (2015)

Sahani undertook field works and provided assistance with subsequent reporting for a biannual GME at the former BP Scone service station site. Field works included gauging of 60 onsite and offsite wells, and sampling of specific wells in accordance with routine monitoring requirements outlined in the Groundwater Management Plan (GMP) previously developed by JBS&G.

Sydney Airport, Northern Lands Precinct, Mascot NSW (2015)

Sahani undertook field works and reporting as part of an asbestos quantification assessment for the Northern Lands Precinct. The site was proposed for redevelopment into a vehicle storage area with a connecting bridge to be constructed to the main portion of the Sydney Airport site. A quantitative assessment of asbestos in soils was undertaken in accordance with NEPC 2013 guidelines to enable appropriate asbestos management strategies to be formulated for the redevelopment.

Stockland, Marsden Park NSW (2018)

Sahani assisted the field program at a 220-ha rural agricultural property located in Marsden Park as part of a pre-purchase due diligence investigation. Works included well installation, collection of soil, sediment, surface water and groundwater sampling and assistance with reporting.

CONTAMINATED LAND AUDITING

Alexandria, NSW (2016)

Audit support for an independent site audit relating to a former commercial/industrial site proposed redevelopment for high density residential land use.

Glenlee, NSW (2016)

Audit support for an independent site audit relating to the proposed development of a former coal handling facility into a container terminal and bulk materials facility.

Westmead, NSW (2016)

Audit support for an independent site audit relating to the proposed redevelopment of the Western Sydney University campus land for mixed residential, commercial and open space land use.

Moorebank, NSW (2015-2016)

Audit support for an independent site audit relating to the former Defence National Storage and Distribution Centre proposed for commercial land use.

Metford, NSW (2016-present)

Audit support for an independent site audit relating to a former quarry and brickworks site proposed for redevelopment as a hospital.

Melrose Park NSW (2015)

Audit support for an independent site audit relating to the assessment and remediation works undertaken at a former chemical manufacturing and distribution facility.

Balmain NSW (2015-2017)

Audit support for an independent site audit relating to a former commercial/industrial site proposed for mixed high density residential and public open space land use.

Wahroonga Adventist School, Wahroonga NSW (2016-2018)

Audit support for an independent site audit relating to the redevelopment of the proposed Seventh Day Adventist School.

Wentworth Point NSW (2017-present)

Audit support for an independent site audit at the proposed Wentworth Point Rowing Club facility site.

ENVIRONMENTAL AUDITING

Independent Environmental Auditing (2019-present)

Audit team member or Independent Environmental Audits undertaken in accordance with NSW Department of Planning, Industry and Environment Independent Audit Post Approval Requirements for state significant developments. Projects include Smalls Road Public School Ryde and Bringelly Road Business Hub, Waitara Public School and RNSH St Leonards Health Organisations Relocation.

JBS&G PEOPLE

DOMINIC HOBAN / ENVIRONMENTAL PROJECT MANAGER



QUALIFICATIONS

Bachelor of Science (Earth and Environmental Science)

PROFESSIONAL CAREER

2021 - Present Environmental Project Manager, JBS&G
2018 - 2021 Environmental Consultant, JBS&G
2016 -2017 Conservation Field Officer, Soil Conservation Services

SHORT COURSES

NSW General Construction Induction Card
HLTAID003 Provide First Aid
CPCCE3014A Remove Non-Friable Asbestos
CPCCB4051A Supervise Asbestos Removal
MSMPER201 Monitor and control work permits
MSMPER300 Issue work permits
MSMWHS201 Conduct hazard analysis
MSMWHS217 Gas test atmospheres
RIIRIS201D Conduct local risk control
A – Z of Ground Gas Training
WPCG Clearance Issuer

PROFILE

Dominic Hoban is an Environmental Project Manager with JBS&G's Sydney office. He has over two years' experience in the contaminated land and environmental services industry. Dominic graduated from the University of New South Wales with a Bachelor of Science majoring in Earth and Environment Science.

Dominic has gained experience working on numerous sites ranging from small-scale residential properties up to large-scale commercial assessments. Clients include developers, private property owners, local and state government bodies, and the petroleum industry.

Dominic is working predominantly on large-scale remediation and validation projects for residential and commercial land use. As a leading field scientist and project manager, Dominic has gained experienced in managing remedial works on redevelopments, where the conceptualisation and implementation of environmentally sustainable development strategies has been of primary focus, with an emphasis on maximising onsite retention and remediation practices to reduce capital expenditure whilst balancing environmental and stakeholder objectives.

Dominic's latest work involved managing the remedial works for the construction of an interstate terminal for the Moorebank Intermodal Exchange in Moorebank NSW. Overseeing a JBS&G team Dominic directed and managed a program of assessment and validation for intersecting and varying historical site contaminants.

Dominic has also gained experience as an assistant site auditor for the NSW State Significant Waitara Public School, as a third-party advisor for contaminated soil waste classification for the State Significant expansion of the Art Gallery of NSW, and as an advisor for the compliance to a construction environmental management plan for the Anglicare Wooloware Shores aged care facility.

DOMINIC HOBAN (CONT.)

KEY PROJECT EXPERIENCE

CONTAMINATED LAND ASSESSMENT AND REMEDIATION

Moorebank Intermodal Exchange, NSW, 2019 - 2021

Dominic managed a team of JBS&G staff during the remediation works to ensure compliance with the Long-Term Environmental Management Plan (LTEMP) for the site. Key contamination issues included management of asbestos in soils, heavy metals, petroleum hydrocarbons, and per- and poly-fluoroalkyl substances (PFAS) associated with historical site use.

Dominic and his team have provided full-time environmental support, including assessing, tracking, monitoring, and documenting the management of impacted materials. Dominic also attended regular meetings with the client and other contractors representing the JBS&G team.

As part of the asbestos remediation works Dominic completed asbestos classifications, air monitoring, materials tracking, and occupational hygiene works throughout the remediation period. PFAS related site works included sampling and assessment of data to determine management requirements for the site. Dominic has coordinated PFAS assessment works and has also been involved in PFAS sampling including soils (both in-situ and stockpiled), concrete, surface water, and groundwater.

Independent Environmental Audit, Waitara Public School, 2021 - Present

Assistant Auditor for Independent Environmental Audits undertaken in accordance with NSW Department of Planning, Industry and Environment Independent Audit Post Approval Requirements for state significant development sites, Waitara Public School SSD 8574.

CEMP Compliance Residential Construction, NSW, 2019

As part of a Construction and Environmental Management Plan compliance Dominic conducted frequent site inspections and provided technical advice to the contractor on activities related to acid sulphate soils management, landfill material characterisation, landfill gas monitoring and environmental controls such as water quality, erosion and sediment control and working within the confines of a tree protection zones.

BP Monitoring and Investigations, Various Locations, NSW and ACT, 2020

Dominic has completed monitoring and investigation field programs at various BP sites across NSW and the ACT. Activities included the drilling installation of groundwater monitoring wells and sampling programs to an adequate standard as set out by BP.

Fountaindale Development Mollymook, NSW, 2019 - 2020

Dominic supervised a large-scale site investigation and remediation program for a residential development. Through a thorough field investigation program Dominic sampled and reported on the classification of stockpiled material and advised on the appropriate treatment measures to conserve material for onsite reuse.

Ecocycle Wetherill Park, 2019

Dominic led a field program to monitor water and gas parameters from existing wells on a historical landfill site. Sample locations spread across numerous business lots and consultation with business owners and managers was conducted in a manner that saw the completion of the field program in a timely and professional way.

Detailed Site Investigation, West Pennant Hills, NSW, 2019

Dominic completed a field program delivering a large scope project (26 ha) including 140 boreholes, groundwater monitoring event and surface water sampling on time.