

Kashyap Parekh

Engineering Professional

Marlton, NJ - Email me on Indeed: [indeed.com/r/Kashyap-Parekh/e80bf8cb19d26b27](https://www.indeed.com/r/Kashyap-Parekh/e80bf8cb19d26b27)

WORK EXPERIENCE

Engineer Headworks

SunWater Limited - Brisbane QLD - July 2011 to April 2012

July 2011 - April 2012

Undertook annual and five yearly comprehensive inspections on weirs and dams. Preparation of Inspection reports to be submitted to the regulator. Condition and risk assessment of various assets on weirs and dams. Refurbishment and Enhancement Program planning for various SunWater Water Supply Schemes. Preparation of project scopes for R& E projects.

Flood Engineer

SunWater Limited - Brisbane QLD - December 2010 to April 2012

Monitored SunWater storages for the possibility of floods. Managed storages during flood events. Running flood models and giving advice during flood events. Prepared flood reports after the end of a flood event. Brisbane, Australia

Company website: www.sunwater.com.au

WATER ADVISOR/GRADUATE ENGINEER (Water Accounting)

SunWater Limited - Brisbane QLD - January 2010 to July 2011

January 2009 - December 2009

Involved in calculation and audit of Announced Allocations for various SunWater Supply Scheme. Provision of information to external organizations. Provide advice on IROL and ROP requirements within the organization. Prepare annual Interim Resource Operations License /Resource Operations Plan reports to be submitted to the regulator (DERM) for SunWater Water Supply Scheme. Develop and provide advice on water products. Preparation of a standard on Calculation of water usage for SunWater's Distribution Loss Allocation. IROL/ROP incident reporting and monitoring. IROL/ROP emergency reporting and monitoring. Interacting with customers with regards to their queries on Announced Allocations.

GRADUATE ENGINEER (Water Planning)

SunWater Limited - Brisbane QLD - January 2008 to December 2008

Involved in interim Resource Operations License/Resource Operations Plan amendments. Prepared Statement of Current Programs and Interim Program for Border Rivers ROP. Involved in implementation of Continuous Sharing in Macintyre Brook Water Supply Scheme. Involved in preparation of Condamine and Balonne ROP. Assisted in preparation of SunWater submissions on draft Burdekin ROP and Gulf ROP. Prepared Critical Water Supply Arrangements for various SunWater Water Supply Schemes. Acted as Water Planning Manager for 2 weeks.

GRADUATE ENGINEER (Asset Engineering)

SunWater Limited - Ayr QLD - January 2007 to December 2007

Reviewed and revised Blue Green Algae contingency plans. Reviewed and revised Emergency Response Plans for various chemicals used by Sun Water. Prepared Emergency Response Plans for Cyclones, Bushfires and Acrolein Spill. Preparation of project briefs for 2007-08 Refurbishment and Enhancement program for the

Ayr region. Designed and installed of meter outlets for SunWater customers. Prepared an investigation report on Installation of Marker Buoys on SunWater Dams and weirs. Conducted asbestos inspection on all SunWater Assets in the Ayr region. Managed a project which involved installation of smoke alarms in SunWater owned houses in the Ayr region.

Work Experience Student (Environmental Services)

SunWater Limited - Brisbane QLD - May 2006 to December 2006

Options study for treatment of algae. Analyzed and submitted a report on water quality data for all SunWater Water Supply Schemes as a part of the Resource Operating Plans annual report to the submitted to Queensland Department of Environment and Resources Management. Prepared a learning guide on "Monitor, identify and respond to water quality problems" as a part of Certificate 3 Water Industry Operations course. Based water quality parameters, prepared an optimal release strategy for Bedford and Bingegang Weirs. Developed a copper sulphate dosing/monitoring system to be used for treatment of algae.

EDUCATION

Master of Environmental Engineering

Griffith University - Brisbane QLD

Bachelor of Chemical Engineering

University of Mumbai - Mumbai, Maharashtra

ADDITIONAL INFORMATION

TECHNICAL SKILLS

Dam Safety Surveillance Course
RIIOHS202A Enter and work in a Confined Space
MSAPMOHS216A Operate Breathing Apparatus
MSAPMOHS217A Gas Test Atmospheres
HLTCPR201A Perform CPR
Proficient in Microsoft Office, (Word and Excel)