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Radiological Clearance Statement

AF-3587

Radiation Services Radiological Clearance Statement

Location (address): BARKER ST, RANDWICK, NSW, 2031
For (person / organisation): RANDWICK GIRLS HIGH SCHOOL
Date / time of survey: 18/08/2022
Item or area for clearance: LABS AND ASSOCIATED STORE ROOMS: 102, 103, 104, 214, 215, 305

A health physics radiological survey was conducted for the item or area identified above. The radiological clearance survey was required to ensure no radiological contamination or hazards remain in order to enable the use of, transport, or disposal as non-radioactive (normal) material.

The radiological clearance was carried out by: STEVEN WOLSTENCROFT, of the Radiation Services group from the Australian Nuclear Science and Technology Organisation (ANSTO). ANSTO is Australia's major nuclear science establishment and is the site of the only reactor in this country. ANSTO provides technical support to large sectors of industry including nuclear medicine, uranium mining, petrochemicals, and power utilities. The ANSTO Radiation Services group has a high level of expertise in practical health physics operations and has applied this expertise to a number of major projects to provide the appropriate level of radiation protection and advice.

Clearance Survey:

The Health Physics survey was conducted by use of direct probe measurements and smear tests using a number of different survey instruments as appropriate in order to monitor for alpha, beta, and gamma contamination and radiation, at varying energies. This method of surveying is appropriate for low background areas and can provide a high degree of certainty in clearance work as surfaces can be monitored directly and results are instantaneous.

The results of the health physics radiological clearance survey conducted revealed:

Contamination levels: < 0.5 cps alpha; < 1 cps beta/gamma
Radiation levels: 0.15 uSv/h (Background)
Comments: Limited to areas where rock samples were known to be stored.

Radiation Detection Instrumentation used:

Table with 3 columns: Instrument, Sensitive to (type of radiation), ANSTO traceable calibration No. Includes entries for THERMO ELECTRA DP2R and R-200.

Signature: [Signature] Date: 18/08/2022
Name: STEVEN WOLSTENCROFT Position: HEALTH PHYSICIST
Phone: Email:

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