

**AUSTRALIAN CAPITAL TERRITORY****RADIATION ACT 1983****Section 73****NOTIFICATION OF DECISIONS**

Pursuant to Section 73 of the Australian Capital Territory Radiation Act 1983, the Radiation Council hereby gives notice of the particulars of the following decisions of Council, made on 21 September 1994.

**REGISTRATION OF IRRADIATING APPARATUS (paragraph 73(1)(d))**

Owner ANU Research School of Chemistry  
Description Siemens Model K710 X-Ray Analysis (XRD) Machine – 50 kVp, 40 mA  
S/Nos HXDo5-247, HXDo5-489  
Location Room 45  
Research School of Chemistry  
Australian National University  
Conditions X-Ray Analysis

Owner ACT Health Dental Services  
Description Gendex Densomat Dental X-Ray Machine with Oralix 65S tube  
S/Nos 9420965, 9401020 65kVp, 7.5mA  
Location First Floor  
1 Moore Street  
Canberra ACT  
Conditions Diagnostic Dental Examinations

Owner Dr Joseph Fung  
Description Gendex Densomat Dental X-Ray Machine with Oralix 65S tube  
S/Nos 9420223, 9400317 – 65kVp, 7.5mA  
Location Suite 6, Gadai Chambers  
48 Corinna Street  
Woden ACT 2606  
Conditions Diagnostic Dental Examinations

Owner Dr Sterling Kitchings  
Description Gendex Model Densomat (DET) Dental X-Ray Machine with  
Oralix 65S tube S/Nos 9420943, 9400998 – 65kVp, 7.5mA  
Location Suite 9, Gadai Chambers  
48 Corinna Street  
Woden ACT 2606  
Conditions Diagnostic Dental Examinations

Owner Dr Judith L Werner  
 Description Gendex Densomat (DET) Dental X-Ray Machine with Oralix 65S tube  
 S/Nos 9420938, 9400993 65kVp, 7.5mA  
 Location Suite 13, Elders Real Estate House  
 Brierly Street  
 Weston ACT 2611  
 Conditions Diagnostic Dental Examinations

**GRANTING OF LICENCE (paragraph 73(1)(b))**

Licensee Phillip Andrew  
 Address PO Box 15  
 Hawker ACT 2614  
 Authorized Activities: Own or have in possession, use, irradiating apparatus  
 Conditions Veterinary Radiography

Licensee Deep Sheikha Singh-Khaira  
 Address ACT Health Dental Services  
 GPO Box 825  
 Canberra ACT 2601  
 Authorized Activities: Use, cause or permit to use, irradiating apparatus  
 Conditions Diagnostic Dental Radiography

**VARIATION OF CONDITIONS SPECIFIED IN A LICENCE**  
**(paragraph 73(1)(c))**

Licensee Dr Robert J Wasson  
 Address CSIRO Div of Water Resources  
 GPO Box 1666  
 Canberra ACT 2601  
 Authorized Activities: Purchase, own or have in possession, use, cause or permit to use,  
 irradiating apparatus, unsealed radioactive materials  
 Conditions Research uses of:-  
 \* Soil Density/Moisture Gauges  
 \* Sealed Radioactive Sources Am-241, Ba-133, Cs-137, Co-57, Co-60, Mn-54,  
 Hg-203, Na-22, Y-88, Pb-210, U (natural), Ra-226, U-238, Th-232, Be-7, Sr-90.  
 \* Unsealed Radioactive Materials U-238, Th-232, Ra-226, Pb-210, Th-228, Cs-137,  
 Mn-54, Be-7, P-32, C-14, S-35, H-3, Na-22

**GRANTING OF A DISPOSAL PERMIT (paragraph 73(1)(g))**

Permit Holder        Robert J Wasson  
 Licensed Premises    CSIRO Division of Water Resources Research  
                              Clunies Ross Road  
                              Acton ACT

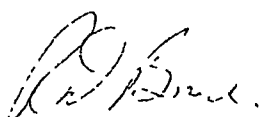
<b>Radionuclide contained in the material for disposal</b>	<b>Physical and chemical form of the material</b>	<b>Annual quantity of material for which approval is granted</b>	<b>Disposal method approved</b>
Uranium-238	Solid	600 kBq	Burial, W.B.L.C.
Uranium-238+Daughters	Solid	40 kBq	Burial, W.B.L.C.
Thorium-232	Solid	200 kBq	Burial, W.B.L.C.
Thorium-232+Daughters	Solid	40 kBq	Burial, W.B.L.C.
Radium-226	Solid	25 kBq	Burial, W.B.L.C.
Lead-210	Solid	25 kBq	Burial, W.B.L.C.
Thorium-228	Solid	25 kBq	Burial, W.B.L.C.
For each of the above no more than 250kBq of Radioactive Material per kg of Non-Radioactive Waste.			
Caesium-137	Solid	25 kBq	Burial, W.B.L.C.
Manganese-54	Solid	25 kBq	Burial, W.B.L.C.
Phosphorus-32	Solid	20 MBq	Burial, W.B.L.C.
Uranium-238	Water Soluble	600 kBq	Sewer
Thorium-232	Water Soluble	200 kBq	Sewer
Radium-226	Water Soluble	25 kBq	Sewer
Lead-210	Water Soluble	25 kBq	Sewer
Thorium-228	Water Soluble	25 kBq	Sewer
Caesium-137	Water Soluble	25 kBq	Sewer
Manganese-54	Water Soluble	25 kBq	Sewer
Phosphorus-32	Water Soluble	200 kBq	Sewer
Phosphorus-32	Scintillation Fluid	200 kBq	Burial, W.B.L.C.
Hydrogen-3	Solid	20 MBq	Burial, W.B.L.C.
Sulphur-35	Solid	100 MBq	Burial, W.B.L.C.
Carbon-14	Solid	20 MBq	Burial, W.B.L.C.

Permit Holder      Mr A Howkins  
Licensed Premises      University of Canberra  
                                 Faculty of Applied Science

Radionuclide contained in the material for disposal	Physical and chemical form of the material	Annual quantity of material for which approval is granted	Disposal method approved
Hydrogen-3	Solid Waste	18.5GBq	Burial, W.B.L.C.
Hydrogen-3	L.S. Fluid	18MBq	Incineration, Mitchell
Phosphorus-32	Solid Waste	550MBq	Burial, W.B.L.C.
Phosphorus-32	L.S. Fluid	40MBq	Burial, W.B.L.C.
Carbon-14	Solid Waste	250MBq	Burial, W.B.L.C.
Carbon-14	L.S. Fluid	50MBq	Incineration, Mitchell
Iodine-131	Solid Waste	500MBq	Burial, W.B.L.C.
Iodine-125	Solid Waste	500MBq	Burial, W.B.L.C.

The Radiation Council hereby gives notice that subject to the provisions of the Administrative Appeals Tribunal Act 1975, a person whose interests are adversely affected by a decision of the Radiation Council is entitled to apply to the Administrative Appeals Tribunal for a review of the decision.

Dated this 21st day of September 1994



**R D Brock**  
**Chair**  
**Radiation Council**