

Supplemental Material

Table of Contents	
Supplemental Material	The Environmental Survey of Dialysis Practice in Australia and New Zealand

An Environmental Survey of Dialysis Practice in Australia and New Zealand

Thank you for completing this survey, which aims to better understand current practice surrounding environmental practice within dialysis units in Australia and New Zealand

What is your job title?	<input type="radio"/> Nurse Unit Manager <input type="radio"/> Nephrologist <input type="radio"/> Other
If Other, please specify	
<hr/>	
Which Country are you in?	<input type="radio"/> Australia <input type="radio"/> New Zealand
What health service do you belong to?	
<hr/>	

What is the name of your dialysis service? (Please select one)

- ☐ ALBANY HOSPITAL
- ☐ ALFRED HOSPITAL
- ☐ ALICE SPRINGS HOSPITAL
- ☐ ANGLISS HOSPITAL
- ☐ ARARAT HOSPITAL
- ☐ ARMADALE-KELMSCOTT MEMORIAL HOSPITAL
- ☐ ARMIDALE HOSPITAL
- ☐ ATHERTON HOSPITAL
- ☐ AUBURN HOSPITAL
- ☐ AUSTIN HOME THERAPIES CENTRE
- ☐ AUSTIN HOSPITAL
- ☐ BAIRNSDALE HOSPITAL
- ☐ BALLARAT HOSPITAL
- ☐ BALLINA HOSPITAL
- ☐ BANKSTOWN LIDCOMBE HOSPITAL
- ☐ BATHURST BASE HOSPITAL
- ☐ BEGA DIALYSIS UNIT
- ☐ BELCONNEN DIALYSIS CLINIC
- ☐ BENDIGO HOSPITAL
- ☐ BERRI SATELLITE
- ☐ BLACKTOWN HOSPITAL
- ☐ BLACKTOWN REGIONAL DIALYSIS
- ☐ BOX HILL HOSPITAL
- ☐ BREWARRINA HOSPITAL
- ☐ BROADMEADOWS SATELLITE
- ☐ BROKEN HILL HOSPITAL
- ☐ BROOKWATER DIALYSIS CENTRE
- ☐ BROOME RENAL HEALTH CENTRE
- ☐ BUNBURY HOSPITAL
- ☐ BUNDABERG HOSPITAL
- ☐ BUSSELTON HOSPITAL
- ☐ CAIRNS HOME HAEMODIALYSIS TRAINING
- ☐ CAIRNS HOSPITAL
- ☐ CAIRNS PRIVATE HOSPITAL
- ☐ CALOUNDRA PUBLIC HOSPITAL
- ☐ CAMPBELLTOWN DIALYSIS CENTRE
- ☐ CANBERRA COMMUNITY SATELLITE CENTRE
- ☐ CANBERRA HOSPITAL
- ☐ CANNINGTON DIALYSIS CLINIC
- ☐ CARNARVON HOSPITAL
- ☐ CASEY HOSPITAL BERWICK
- ☐ CASTERTON HOSPITAL
- ☐ CAULFIELD SATELLITE CENTRE
- ☐ CEDUNA HOSPITAL
- ☐ CHERMSIDE DIALYSIS CENTRE
- ☐ CLARE SATELLITE
- ☐ COBURG SATELLITE
- ☐ COFFS HARBOUR HOSPITAL
- ☐ COHUNA DISTRICT HOSPITAL
- ☐ COLAC HOSPITAL
- ☐ CONCORD HOSPITAL
- ☐ CONCORD REPATRIATION SATELLITE UNIT
- ☐ COOKTOWN SATELLITE
- ☐ COOLBELLUP HOME THERAPY CENTRE
- ☐ COOMA HOSPITAL
- ☐ CORRYONG SATELLITE
- ☐ COWRA DIALYSIS UNIT
- ☐ CRAIGIEBURN DIALYSIS UNIT
- ☐ CRANBOURNE SATELLITE
- ☐ DALBY HOSPITAL
- ☐ DANDENONG HOSPITAL
- ☐ DAYLESFORD HOSPITAL
- ☐ DENILQUIN HOSPITAL
- ☐ DERBY HOSPITAL
- ☐ DIAMOND VALLEY DIALYSIS CENTRE
- ☐ DONALD HOSPITAL
- ☐ DUBBO BASE HOSPITAL
- ☐ EAST STREET SELF CARE - ROCKHAMPTON
- ☐ EASTERN HEALTH CENTRE DIALYSIS

- ☐ ECHUCA HOSPITAL
- ☐ EDENHOPE HOSPITAL
- ☐ EORA SATELLITE
- ☐ EPPING DIALYSIS UNIT
- ☐ EPWORTH EASTERN HOSPITAL
- ☐ EPWORTH GEELONG HOSPITAL
- ☐ EPWORTH RICHMOND HOSPITAL
- ☐ ESSENDON FIELDS SATELLITE DIALYSIS CENTRE
- ☐ FAIRFIELD SATELLITE DIALYSIS CENTRE
- ☐ FIONA STANLEY HOSPITAL
- ☐ FITZROY CROSSING HOSPITAL
- ☐ FLINDERS MEDICAL CENTRE
- ☐ FLYNN DRIVE SATELLITE
- ☐ FORBES DISTRICT HOSPITAL
- ☐ FOREST HILL SATELLITE
- ☐ FORSTER PRIVATE HOSPITAL DIALYSIS UNIT
- ☐ FRANKSTON HOSPITAL
- ☐ GAWLER HEALTH SERVICE
- ☐ GEELONG HOSPITAL
- ☐ GERALDTON HOSPITAL
- ☐ GLADSTONE HOSPITAL
- ☐ GOLD COAST INCENTRE UNIT
- ☐ GOLD COAST PRIVATE HOSPITAL
- ☐ GOLD COAST RENAL HOME THERAPIES
- ☐ GOLD COAST UNIVERSITY HOSPITAL
- ☐ GOSFORD HOSPITAL
- ☐ GOSFORD SATELLITE RENAL UNIT
- ☐ GOULBURN DIALYSIS UNIT
- ☐ GOULBURN VALLEY HOSPITAL
- ☐ GRAFTON HOSPITAL
- ☐ GREENSLOPES PRIVATE HOSPITAL
- ☐ GRIFFITH BASE HOSPITAL
- ☐ GYMPIE SATELLITE
- ☐ HAMILTON HOSPITAL
- ☐ HAMPSTEAD HOME THERAPIES
- ☐ HAMPSTEAD SATELLITE UNIT
- ☐ HARTLEY HOSPITAL
- ☐ HASTINGS HOSPITAL
- ☐ HEALESVILLE HOSPITAL
- ☐ HEIDELBERG HOSPITAL
- ☐ HERSTON INCENTRE DIALYSIS
- ☐ HERVEY BAY HOSPITAL
- ☐ HOME HILL SATELLITE TOWNSVILLE
- ☐ HORSHAM HOSPITAL
- ☐ HUNTER HOME THERAPY UNIT
- ☐ INNISFAIL HOSPITAL
- ☐ INVERELL HOSPITAL
- ☐ IPSWICH HOSPITAL
- ☐ JOHN FLYNN HOSPITAL
- ☐ JOHN HUNTER HOSPITAL
- ☐ JOONDALUP HEALTH CAMPUS
- ☐ KALGOORLIE HOSPITAL
- ☐ KATHERINE HOSPITAL
- ☐ KEMPSEY DISTRICT HOSPITAL
- ☐ KIMBERLEY SATELLITE
- ☐ KINGAROY SATELLITE
- ☐ KUNUNURRA DIALYSIS UNIT
- ☐ KYABRAM SATELLITE
- ☐ KYNETON HOSPITAL
- ☐ LADY CILENTO CHILDREN'S HOSPITAL
- ☐ LAKE HAVEN SATELLITE
- ☐ LANCELEY COTTAGE
- ☐ LATROBE REGIONAL SATELLITE CENTRE
- ☐ LAUNCESTON COMMUNITY CENTRE SATELLITE
- ☐ LAUNCESTON HOSPITAL
- ☐ LINDFIELD DIALYSIS CLINIC - DIAVERUM
- ☐ LISMORE HOSPITAL
- ☐ LISMORE ST VINCENT'S PRIVATE DIALYSIS CENTRE
- ☐ LIVERPOOL COMMUNITY SATELLITE DIALYSIS
- ☐ LIVERPOOL HOSPITAL
- ☐ LIVERPOOL PRIVATE DIALYSIS CENTRE

- ☐ LIVERPOOL RENAL HOME THERAPY UNIT
- ☐ LOGAN SATELLITE CENTRE
- ☐ LONG JETTY RENAL UNIT
- ☐ LOTUS GLEN CORRECTIONAL CENTRE DIALYSIS
- ☐ LYELL MC EWIN SATELLITE
- ☐ MACKAY HOME THERAPIES UNIT
- ☐ MACKAY HOSPITAL
- ☐ MAITLAND HOSPITAL
- ☐ MAITLAND HOSPITAL
- ☐ MALVERN DIALYSIS CENTRE
- ☐ MANNING RURAL REFERRAL HOSPITAL
- ☐ MANSFIELD DISTRICT HOSPITAL
- ☐ MAROONDAH SATELLITE
- ☐ MARYBOROUGH DISTRICT HEALTH SERVICE
- ☐ MARYBOROUGH HOSPITAL
- ☐ MATER HOSPITAL
- ☐ MATER HYDE PARK
- ☐ MATER PIMLICO
- ☐ MAYO PRIVATE HOSPITAL - TAREE
- ☐ MELTON SATELLITE
- ☐ MIDLAND SATELLITE
- ☐ MILDURA HOSPITAL
- ☐ MILTON ULLADULLA HOSPITAL
- ☐ MONA VALE HOSPITAL
- ☐ MONASH MEDICAL CENTRE (ADULTS)
- ☐ MONASH MEDICAL CENTRE (PAEDIATRIC)
- ☐ MOORABBIN SATELLITE
- ☐ MOREE HOSPITAL
- ☐ MORUYA DIALYSIS UNIT
- ☐ MOSSMAN HOSPITAL
- ☐ MOUNT DRUITT DIALYSIS CENTER
- ☐ MOUNT GAMBIER HOSPITAL
- ☐ MOUNT ISA SATELLITE
- ☐ MURRAY BRIDGE HOSPITAL
- ☐ MUSWELLBROOK HOSPITAL
- ☐ MYRTLEFORD HOSPITAL
- ☐ NAMBOUR HOSPITAL
- ☐ NAMBOUR SELANGOR PRIVATE HOSPITAL
- ☐ NAMBUCCA VALLEY DIALYSIS UNIT
- ☐ NEPEAN HOSPITAL
- ☐ NEWCASTLE NEPHROCARE
- ☐ NEWCOMB SATELLITE
- ☐ NIGHTCLIFF DIALYSIS CENTRE
- ☐ NITA REED COMMUNITY DIALYSIS (TAREE)
- ☐ NOARLUNGA SATELLITE UNIT
- ☐ NOOSA SATELLITE
- ☐ NORTH EAST KIDNEY SERVICE
- ☐ NORTH LAKES DIALYSIS UNIT- ROYAL BRISBANE
- ☐ NORTH MELBOURNE DIALYSIS CENTRE
- ☐ NORTH WEST REGIONAL HOSPITAL
- ☐ NORTHERN HOSPITAL
- ☐ NORTHERN HOSPITAL SATELLITE
- ☐ NORTHLAKES PRIVATE DIALYSIS CENTRE
- ☐ NORTHWARD SATELLITE
- ☐ NORWEST PRIVATE DIALYSIS CENTRE
- ☐ ORANGE HOSPITAL
- ☐ ORBOST HOSPITAL
- ☐ PALM ISLAND SATELLITE TOWNSVILLE
- ☐ PALMERSTON DIALYSIS UNIT
- ☐ PAYNEHAM DIALYSIS CENTRE
- ☐ PEEL HEALTH CAMPUS
- ☐ PENRITH COMMUNITY DIALYSIS
- ☐ PETER JAMES CENTRE
- ☐ PINDARA RENAL UNIT
- ☐ PORT AUGUSTA SATELLITE
- ☐ PORT HEDLAND HOSPITAL
- ☐ PORT LINCOLN SATELLITE
- ☐ PORT MACQUARIE HOSPITAL
- ☐ PORT MACQUARIE PRIVATE HOSPITAL
- ☐ PORT PIRIE SATELLITE
- ☐ PORTLAND DISTRICT HEALTH

- ☐ PRINCE OF WALES HOSPITAL
- ☐ PRINCESS ALEXANDRA HOSPITAL
- ☐ PRINCESS MARGARET HOSPITAL
- ☐ QUEANBEYAN DIALYSIS CENTRE
- ☐ QUEEN ELIZABETH HOSPITAL DIALYSIS
- ☐ RAMSAY CAIRNS PRIVATE DIALYSIS CENTRE
- ☐ RAYMOND TERRACE
- ☐ REDCLIFFE HOSPITAL
- ☐ REDLANDS HOSPITAL
- ☐ ROBINA GOLD COAST HOSPITAL
- ☐ ROBINVALE HOSPITAL
- ☐ ROCKHAMPTON HOSPITAL
- ☐ ROCKINGHAM SATELLITE
- ☐ ROSEBUD HOSPITAL
- ☐ ROYAL ADELAIDE HOSPITAL
- ☐ ROYAL BRISBANE AND WOMEN'S HOSPITAL
- ☐ ROYAL CHILDRENS HOSPITAL
- ☐ ROYAL DARWIN HOSPITAL
- ☐ ROYAL HOBART HOSPITAL
- ☐ ROYAL MELBOURNE HOSPITAL
- ☐ ROYAL NORTH SHORE HOSPITAL
- ☐ ROYAL PERTH HOSPITAL
- ☐ ROYAL PRINCE ALFRED HOSPITAL
- ☐ ROYAL PRINCE ALFRED SATELLITE
- ☐ SALE HOSPITAL
- ☐ SANDRINGHAM HOSPITAL
- ☐ SEYMOUR HOSPITAL
- ☐ SHELLHARBOUR
- ☐ SHOALHAVEN SATELLITE NOWRA
- ☐ SINGLETON SATELLITE CENTRE
- ☐ SIR CHARLES GAIRDNER HOSPITAL
- ☐ SOUTH BRISBANE DIALYSIS CENTRE
- ☐ SOUTH GEELONG RENAL UNIT
- ☐ SPEARWOOD SATELLITE
- ☐ ST ALBANS DIALYSIS CLINIC - FRESENIUS
- ☐ ST ANDREWS HOSPITAL TOOWOOMBA
- ☐ ST GEORGE HOSPITAL
- ☐ ST GEORGES HOSPITAL
- ☐ ST VINCENT'S HOSPITAL - MELBOURNE
- ☐ ST VINCENT'S HOSPITAL - SYDNEY
- ☐ STIRLING DIALYSIS CLINIC
- ☐ SUNBURY SATELLITE
- ☐ SUNSHINE COAST UNIVERSITY HOSPITAL
- ☐ SUNSHINE COAST UNIVERSITY PRIVATE HOSPITAL (RAMS)
- ☐ SUNSHINE HOSPITAL
- ☐ SUTHERLAND HOSPITAL
- ☐ SWAN HILL HOSPITAL
- ☐ SYDNEY ADVENTIST HOSPITAL
- ☐ SYDNEY CHILDRENS HOSPITAL
- ☐ SYDNEY DIALYSIS CENTRE
- ☐ TAMWORTH HOSPITAL
- ☐ TENNANT CREEK HOSPITAL
- ☐ THE CHILDREN'S HOSPITAL AT WESTMEAD
- ☐ THE TWEED HOSPITAL
- ☐ THURSDAY ISLAND SATELLITE UNIT
- ☐ TIWI DIALYSIS CENTRE
- ☐ TOOWOOMBA HOSPITAL
- ☐ TOWNSVILLE HOSPITAL
- ☐ TUGGERANONG DIALYSIS CENTRE
- ☐ VARSITY LAKES DIALYSIS CENTRE
- ☐ VICTOR HARBOUR SATELLITE
- ☐ WAGGA HOSPITAL
- ☐ WANGARATTA HOSPITAL
- ☐ WANSEY SATELLITE CENTRE
- ☐ Warburton Western Desert Dialysis Unit
- ☐ WARRAGUL HOSPITAL
- ☐ WARRNAMBOOL HOSPITAL
- ☐ WARWICK HOME THERAPY CLINIC
- ☐ WERRIBEE MERCY HOSPITAL
- ☐ WESLEY HOSPITAL
- ☐ WEST GIPPSLAND

- ☐ WESTERN HEALTH
- ☐ WESTMEAD HOSPITAL
- ☐ WHYALLA SATELLITE UNIT
- ☐ WILLIAMSTOWN HOSPITAL
- ☐ WODONGA HOSPITAL
- ☐ WOLLONGONG HOSPITAL
- ☐ WOMENS AND CHILDRENS
- ☐ WONTHAGGI HOSPITAL
- ☐ WOORABINDA HOSPITAL
- ☐ YARRABAH SATELLITE DIALYSIS CENTRE - QUEENSLAND
- ☐ YARRAM HOSPITAL
- ☐ YARRAWONGA HOSPITAL
- ☐ YORKE DIALYSIS CLINIC
- ☐ Other

What is the name of your dialysis service? (Please select one)

- ☐ AUCKLAND HOME DIALYSIS UNIT
- ☐ AUCKLAND HOSPITAL
- ☐ BAY OF ISLANDS
- ☐ CARRINGTON HOSPITAL
- ☐ CHRISTCHURCH HOSPITAL
- ☐ DUNEDIN HOSPITAL
- ☐ GISBORNE HOSPITAL
- ☐ GRAFTON DIALYSIS TRAINING UNIT
- ☐ GREENLANE HOSPITAL
- ☐ HASTINGS HOSPITAL
- ☐ HAWKES BAY HOSPITAL
- ☐ HOROWHENUA DIALYSIS UNIT - LEVIN
- ☐ KAITAIA HOSPITAL
- ☐ MANUKAU SATELLITE
- ☐ MIDDLEMORE HOSPITAL
- ☐ NELSON HOSPITAL
- ☐ NORTHSHORE HOSPITAL
- ☐ PALMERSTON NORTH HOSPITAL
- ☐ PORIRUA COMMUNITY DIALYSIS
- ☐ ROTORUA HOSPITAL
- ☐ STARSHIP CHILDREN'S HOSPITAL
- ☐ TARANAKI HOSPITAL
- ☐ TAURANGA HOSPITAL
- ☐ WAIKATO HOSPITAL
- ☐ WAITAKERE SATELLITE
- ☐ WAITEMATA COMMUNITY DIALYSIS CENTRE
- ☐ WELLINGTON HOSPITAL
- ☐ WHAKATĀNE HOSPITAL
- ☐ WHANGAREI HOSPITAL
- ☐ Other

If Other, Please Specify

If Other, Please Specify

What state/territory is your dialysis unit in?

- ☐ New South Wales (NSW)
- ☐ Western Australia (WA)
- ☐ South Australia (SA)
- ☐ Queensland (QLD)
- ☐ Victoria (Vic)
- ☐ Tasmania (Tas)
- ☐ Northern Territory (NT)
- ☐ Australian Capital Territory (ACT)

What is the postcode of your dialysis unit?

Is your dialysis unit location

- ☐ Major City
- ☐ Inner Regional
- ☐ Outer Regional
- ☐ Remote
- ☐ Very Remote

Page 1 of 12

Type of service provided?

- ☐ In-Centre Dialysis Unit
- ☐ Public Satellite Dialysis Unit
- ☐ Private Satellite Dialysis Unit
- ☐ Home Dialysis Training Facility (if stand alone from main unit)
- ☐ Co-Located In-Centre and Home Units
- ☐ Co-Located In-Centre and Satellite Units
- ☐ Other

If Other, please specify

What haemodialysis machines do you use? (please select all that apply)

- ☐ Baxter (Gambro) Artis
- ☐ Fresenius 4008
- ☐ Fresenius 5008
- ☐ Other
- ☐ Not Applicable

If Other, please specify:

Page 2 of 12

Are you a home therapies service responsible for managing patients receiving dialysis at home (either PD or HD)?

- ☐ Yes - both PD and Home HD
☐ Yes - only PD
☐ Yes - only Home HD
☐ No

What type of machines are used by your home haemodialysis patients? (please select all that apply)

- ☐ Baxter (Gambro) Artis
☐ Fresenius 4008
☐ Fresenius 5008
☐ Other

If Other, please specify

Do you offer cardboard box recycling to patients dialysing at home?

- ☐ Yes
☐ No
☐ Don't know

If yes, what proportion of patients utilise this service?

- ☐ None
☐ 1-25%
☐ 26-50%
☐ 51-75%
☐ 76-100%

Comments regarding cardboard box recycling for patients dialysing at home:

Do any of your home dialysis patients have access to PVC recycling?

- ☐ Yes
☐ No
☐ Don't know

If yes, what proportion of patients utilise this service?

- ☐ None
☐ 1-25%
☐ 26-50%
☐ 51-75%
☐ 76-100%

Comments regarding home dialysis patients' access to PVC recycling:

Do any of your home haemodialysis patients reclaim reverse osmosis reject water for use in other areas of their homes (e.g. garden, laundry)?

- ☐ Yes
☐ No
☐ Don't know

If yes, what proportion of home haemodialysis patients?

- ☐ None
☐ 1-25%
☐ 26-50%
☐ 51-75%
☐ 76-100%

Comments regarding reclaiming reverse osmosis reject water for home haemodialysis patients:

Do you offer any formal assistance or support to home haemodialysis patients to help them establish a water capture and reuse system?

- ☐ Yes
☐ No
☐ Don't know

Comments regarding assistance or support for home haemodialysis patients to help them establish a water capture and reuse system:

Do any of your home dialysis patients use renewable power sources (e.g. solar power)?

- ☐ Yes
☐ No
☐ Don't know

If yes, what proportion of home dialysis patients?

- ☐ None
☐ 1-25%
☐ 26-50%
☐ 51-75%
☐ 76-100%

Which renewable power sources are used? (please select all that apply)

- ☐ Solar
☐ Other

If Other, please specify

Comments regarding renewable power sources for home dialysis patients:

Do you offer any formal support or assistance to home dialysis patients to help them set up renewable power systems?

- ☐ Yes
☐ No
☐ Don't know

Comments regarding support or assistance to home dialysis patients to help them set up renewable power systems:

Have any of your patients that dialyse at home asked you about environmental sustainability regarding their dialysis?

- ☐ Yes, most of our patients are keen to be environmentally sustainable
☐ Some of our patients are interested in being environmentally sustainable
☐ Only a few of our patients are interested in being environmentally sustainable
☐ None of our patients are interested in being environmentally sustainable
☐ Don't know

Comments regarding home dialysis patients' interest in environmental sustainability:

Do you have any further comments regarding home practice or sustainability initiatives for home dialysis patients?

Page 3 of 12

Does your unit have an environmental sustainability strategy/policy or action plan?

- ☐ Yes
☐ No
☐ Don't know

Comments regarding environmental sustainability strategy/policy or action plan:

Is there a formal 'Green' group that is responsible for environmental initiatives within your hospital or unit?

- ☐ Yes, only within our unit
☐ Yes, only within our organisation/hospital
☐ Yes, both our unit and our organisation/hospital have 'green' groups
☐ No, neither our renal unit or our organisation/hospital have any groups that are responsible for environmental initiatives.

Comments regarding a 'Green group' within your hospital or unit:

Has your unit undertaken a sustainability audit (typically incorporating an assessment of energy, water re-use, transport & waste) or similar analysis?

- ☐ Yes
☐ No
☐ In progress
☐ Don't know

Have you ever introduced a 'Green' project in your unit?

- ☐ Yes
☐ No
☐ Don't know

If yes, was it successful?

- ☐ Yes
☐ No
☐ Don't know

Please provide further information on why it was or was not successful.

Are you currently running any 'Green' projects in your unit?

- ☐ Yes
☐ No
☐ Don't know

Comments regarding 'Green' projects or audits within your unit:

Do you use re-usable cups / crockery for patients?

- ☐ Yes
☐ No
☐ Don't know

Comments regarding re-usable cups / crockery for patients:

Are efforts made in your unit to try to raise awareness about the issue of environmental sustainability in healthcare?

- ☐ Yes
☐ No
☐ Don't know

If yes, how is this done? (please select all that apply)

- ☐ Informal discussion among staff
☐ Formal teaching e.g. via in-services
☐ Proactive quality assurance projects
☐ Inclusion of environmental training in staff induction programs
☐ Systems in place to allow staff to provide suggestions around carbon reduction and recycling
☐ Other

If Other, please specify

Comments regarding sustainability in health awareness:

Do you have any further comments regarding climate change in relation to your renal unit?

Page 4 of 12

Do clinical areas have recycling bins for hard plastics?

(* For reference, hard plastics are rigid, e.g. concentrate bottles)

- ☐ Yes
☐ No
☐ Don't know

Do clinical areas have recycling bins for soft plastics other than PVC?

(* For reference, soft plastics can be crumpled in your hand, (e.g. a plastic wrapping from fistula or dressing pack))

- ☐ Yes
☐ No
☐ Don't know

Do clinical areas have recycling bins for polyvinyl chloride (PVC)?

- ☐ Yes
☐ No
☐ Don't know

Comments regarding recycling of PVC/plastics:

Do the suppliers of haemodialysis products take back pallets on delivery?

- ☐ Yes
☐ No
☐ Don't know

If suppliers don't take back pallets after delivery, does your unit recycle them?

- ☐ Yes
☐ No
☐ Don't know

Comments regarding recycling of haemodialysis pallets:

Does your health service support waste recycling practices?

- ☐ Yes
☐ No
☐ Don't know

How does your health service support waste recycling? (please select all that apply)

- ☐ Policy statement
☐ Recycling bins in clinical areas
☐ Recycling bins in non-clinical areas
☐ Staff in-services/training
☐ Other

If Other, please specify

How would you best describe efforts made to recycle by your health service?

- ☐ Good - materials that can be recycled are usually recycled and/or materials that should not be recycled are very rarely placed in recycling bins
- ☐ Moderate - materials that can be recycled are sometimes recycled and/or materials that should not be recycled are sometimes placed in recycling bins
- ☐ Could be better - materials that can be recycled are typically not recycled and/or materials that should not be recycled are frequently placed in recycling bins
- ☐ My healthcare organisation does not support waste recycling practices.
- ☐ Not sure

Comments regarding the efforts made to recycle by your health service:

Do staff receive any formal education about optimal waste management?

- ☐ Yes
- ☐ No
- ☐ Don't know

Comments regarding waste management education:

Does your unit formally audit the amount and type of waste generated?

- ☐ Yes
- ☐ No
- ☐ Don't know

Comments regarding waste audit within your unit:

Do you have any further comments regarding waste management in your renal unit?

Page 5 of 12

Is reverse osmosis reject water reclaimed in your unit and used in other areas in your facility?

- ☐ Yes
☐ No
☐ Don't know

If yes, where is the reclaimed water directed? (please select all that apply)

- ☐ Toilets
☐ Laundry
☐ Gardens
☐ CSSD (Central Sterile Services Department)
☐ Other

If Other, please specify

Comments regarding reclaiming reverse osmosis water:

Is any rain water salvaged from the roof of the unit or facility?

- ☐ Yes
☐ No
☐ Don't know

Comments regarding rain water salvage:

Are toilets in your unit dual flush?

- ☐ Yes
☐ No
☐ Don't know

Are water-saving taps installed in the sinks in the unit (clinical areas, bathrooms etc.)?

- ☐ Yes, in all sinks
☐ Yes, in most sinks
☐ Yes, in a few sinks
☐ No, not at all
☐ Don't know

Comments regarding water saving:

Do you have any further comments regarding water use in your renal unit?

Page 6 of 12

Does your unit/organisation have Electronic Health Records in place of paper files?

- ☐ Yes
☐ No
☐ Don't know

Comments regarding Electronic Health Records:

Does the copy paper used by your unit contain recycled content?

- ☐ Yes
☐ No
☐ Don't know

Are printers set to double sided?

- ☐ Yes
☐ No
☐ Don't know

Is printing actively discouraged where appropriate?

- ☐ Yes
☐ No
☐ Don't know

Comments regarding printing in your unit:

Do bathroom facilities use automatic hand dryers or paper towels in CLINICAL areas?

- ☐ Automatic hand dryers
☐ Paper towels
☐ Other

If Other, please specify

Do bathroom facilities use automatic hand dryers or paper towels in PUBLIC areas?

- ☐ Automatic hand dryers
☐ Paper towels
☐ Other

If Other, please specify

Do you have any further comments regarding paper use in your renal unit?

Page 7 of 12

What is the usual frequency of delivery of products and supplies (please select one of the following)?

- ☐ Daily
- ☐ Weekly
- ☐ Fortnightly
- ☐ Monthly
- ☐ Not sure

What determines the frequency with which products and supplies are delivered to your unit?

- ☐ Storage space
- ☐ Determined by supplier
- ☐ Health service policy
- ☐ No obvious rationale
- ☐ Other
- ☐ Don't know

If Other, please specify

Is environmental sustainability considered when choosing the products and supplies you use in your facility?

- ☐ Yes
- ☐ no
- ☐ Don't know

If Yes, In what way does environmental sustainability impact the decisions?

Do you have any further comments regarding procurement in your renal unit?

Page 8 of 12

Are computers and monitors configured to enter a hibernation mode, sleep mode or be automatically shut down when they are not in use?

- ☐ Yes
☐ No
☐ Don't know

Are staff actively encouraged to shut computers down overnight?

- ☐ Yes
☐ No
☐ Don't know

Comments regarding computer use:

Do photocopiers automatically switch into stand-by mode when not in use?

- ☐ Yes
☐ No
☐ Don't know

Comments regarding photocopiers:

Are energy efficient appliances preferentially purchased by your unit?

- ☐ Yes
☐ No
☐ Don't know

Comments regarding appliances:

Do you have any further comments regarding the equipment in your renal unit?

Page 9 of 12

Are any of the following travel support/ options/ programs provided to STAFF? (please select all that apply)

- ☐ Secure parking for bicycles
- ☐ Showers and changing facilities
- ☐ Buildings accessible by public transport
- ☐ Car pool/ car share programs
- ☐ Low emission vehicles for unit based activities/visits (e.g. hospital car fleet)
- ☐ None of these are provided
- ☐ Other

If Other, please specify

Are any of the following sustainable travel support/ options/ programs provided to PATIENTS? (please select all that apply)

- ☐ Dialysis Patient Transport Services (minibus, car)
- ☐ Information about public transport
- ☐ Walking & cycling encouraged where appropriate
- ☐ Low emission vehicles used for patient transport
- ☐ None of these are provided
- ☐ Other

If Other, please specify

Are any of your patients contacted by phone or video-conference call rather than attending clinic?

- ☐ Yes
- ☐ No
- ☐ Don't know

If Yes, what proportion of your patients are contacted by phone or video-conference call rather than attending clinic?

- ☐ 1-25%
- ☐ 26-50%
- ☐ 51-75%
- ☐ 76-100%

Comments regarding phone/video calls rather than attending clinic:

Are any staff meetings conducted by teleconference that would otherwise require travel? (Note that this question refers to meetings where attendees would need to travel to an off-site location such as another campus or health service)

- ☐ Yes, we have a number of regular meetings via teleconference that would normally require staff to travel to them
- ☐ Occasionally and generally ad hoc
- ☐ No. There are meetings that could be held via teleconference, but staff are required/prefer to attend in person
- ☐ No. We don't generally hold meetings that require staff to travel to other locations
- ☐ Don't know

Comments regarding teleconferences to avoid travel:

Do you have any further comments regarding staff and patient transport in your renal unit?

Page 10 of 12

Are there accessible thermostat and heating controls in each area of the unit?

- ☐ Yes
☐ No
☐ Don't know

Are appropriate temperatures generally maintained? (*For reference, recommended temperatures are 22-24 degrees Celsius)

- ☐ Yes
☐ No
☐ Don't know

Comments regarding thermostats/temperature controls:

Is shading provided for north facing windows?

- ☐ Yes
☐ No
☐ Don't know

Comments regarding shading:

Do you have any further comments regarding heating and cooling in your renal unit?

In your dialysis unit the majority of lights are...

- ☐ Conventional incandescent light bulbs
☐ Halogen incandescent light bulbs
☐ Fluorescent tube lighting
☐ Compact fluorescent (e.g.: spiral energy-saver) globes
☐ LED (solid state) lighting
☐ Don't know

Are the lights in your dialysis unit switched off when not required?

- ☐ Always
☐ Most of the time
☐ Occasionally
☐ Rarely or never
☐ Don't know

Does your unit use movement-sensitive light switches?

- ☐ Yes, widespread
☐ Yes, but only in a few places
☐ Not at all
☐ Don't know

Do you have any further comments regarding the lighting in your dialysis unit?

Page 11 of 12

Does your unit (or hospital) use renewable sources of energy rather than fossil fuels (for example, coal or gas) to generate energy?

- ☐ Yes
☐ No
☐ Don't know

Is this energy generated from... (please select all that apply)

- ☐ Solar Panels
☐ Wind Turbines
☐ Co-generation (the production of electricity and heat in the one process) or tri-generation (the production of electricity, heat and cooling in the one process)
☐ Other

If Other, please specify

Comments regarding renewable energy sources:

Which of the following energy companies provide energy to your unit? (please select all that apply)

- ☐ AGL
☐ Aurora Energy
☐ Diamond Energy
☐ Lumo Energy
☐ Energy Australia
☐ Origin
☐ Powershop
☐ Red Energy
☐ Other
☐ Don't know

If Other, please specify

Which of the following energy companies provide energy to your unit? (please select all that apply)

- ☐ Genesis Energy
☐ Contact Energy
☐ Mercury Energy
☐ Meridian Energy
☐ Trustpower
☐ Nova Energy
☐ Pulse Energy
☐ Electric Kiwi
☐ Flick Electric
☐ Other

If Other, please specify

Comments regarding energy supply in your dialysis unit:

Have any of the following been considered in the design of newer or planned buildings? (please select all that apply)

- ☐ The impact of travel upon staff and patients on where new buildings and facilities are located
 - ☐ Opportunities for natural (passive) heating, cooling, lighting and ventilation
 - ☐ 'Green spaces' and 'green views' for patients
 - ☐ 'Green spaces' and 'green views' for staff
 - ☐ Options for co-generation or tri-generation
 - ☐ Use of alternative (non-fossil fuel based) energy sources
 - ☐ Water recapture/recycling (rain water and/or reverse osmosis reject water)
 - ☐ Sustainable building design (e.g. double glazing on windows, insulation, building materials, etc.)
 - ☐ Other
 - ☐ Don't know
 - ☐ Not applicable
-

If Other, please specify

Does your building have a green star rating?

- ☐ Yes
 - ☐ No
 - ☐ Don't know
-

Comments regarding green star rating:

Do you have any further comments regarding the buildings in your facility?

Page 12 of 12

Do you educate patients about what to do during extreme weather events?

- ☐ Yes
☐ No
☐ Don't know

If Yes, how do you do this? (please select all that apply)

- ☐ Provide information on how to look after themselves during heat waves
☐ Provide information on appropriate fluid and dietary restrictions, should dialysis be unavailable
☐ Ensure each has a personal evacuation plan in place
☐ Provide an emergency supply kit for them to use if they are unable to access dialysis
☐ Other
☐ None of the above

If Other, please specify

Comments regarding extreme weather event preparation for patients:

Does your dialysis service have defined emergency strategies in place for extreme weather events?

- ☐ Yes
☐ No
☐ Don't know

If yes, what do these cover? (please select all that apply)

- ☐ Coverage of interruptions to the power supply
☐ Coverage of interruptions to the water supply
☐ Alternative arrangements for transport problems due to extreme weather
☐ Partner facilities able to accommodate your patients in the event of a disaster
☐ Robust methods for contacting patients before and during disasters
☐ Other
☐ None of the above

If Other, please specify

Comments regarding emergency strategies for extreme weather for your unit:
