2021
Practice Greenhealth
ENVIRONMENTAL
EXCELLENCE
— AWARDS —

Chemicals

Introduction

Chemical minimization programs are an extremely important part of any sustainability program. The use of certain chemical constituents in products and materials can have significant health repercussions for building occupants, patients, staff, and the community. Please use this section of the application to highlight how the facility is addressing the use and minimization/elimination of certain **chemicals of concern**.

Policy

1. Does the facility have **chemical or purchasing policies** that identify and avoid **specific chemicals of concern** contained in products that may be hazardous to human health and the environment?

| Yes ⌄ |

1.a Please attach chemical or purchasing policies that address **chemicals of concern**:

Multiple policies can be attached via **zip file**, if necessary.

1.b Please check all **chemical and materials** included in the policy.

(Please note that other environmental attributes, such as water, energy, and packaging are evaluated in the EPP portion of this application.)

☐ Bisphenol A and its structural analogues
☐ CA Proposition 65 listed chemicals (carcinogens and reproductive toxicants)
☐ Flame retardants, including chlorinated, brominated, and phosphate-based flame retardants
☐ Formaldehyde
☐ Latex
☐ Lead
☐ Mercury
☐ Persistent, Bioaccumulative, and Toxic substances (PBTs)
☐ Per and poly-fluorinated compounds (PFAS)
☐ Phthalates (DEHP, BBP, DnHP, DIDP, DBP, DINP, and DiBP)
☐ Polystyrene
☐ Polyvinyl chloride, or PVC
☐ Triclocarban
☐ Triclosan
☐ Volatile organic compounds (VOCs)
☑ Other prioritized chemical or material (#1)
☑ Other prioritized chemical or material (#2)
☑ Other prioritized chemical or material (#3)

1.b.a Other prioritized chemical or material (#1)

1.b.b Other prioritized chemical or material (#2)

1.b.c Other prioritized chemical or material (#3)

Green Cleaning

2. Does the facility contract with an outside vendor for environmental services (EVS)?

◉ Yes
◯ No

2.a Please indicate the facility's contracted vendor for environmental services:

◯ Aramark
◯ Crothall
◯ Sodexo
◉ Other

2.a.a If other contracted vendor, please indicate which company:

[   ]

3. Has the facility conducted an inventory **in the last 18 months** of all products used at the facility for cleaning and disinfection of surfaces?

◯ Yes
◯ No

Conducting an inventory can identify where the hospital may be using multiple products for the same purpose in different areas of the institution. Standardization of cleaning and disinfection products can lower costs and improve training effectiveness and safety.

4. Is the facility actively working on the transition to **third-party certified green cleaning chemicals** in alignment with Practice Greenhealth's **Green Cleaning Goal**?

◯ Yes
◯ No

*The facility should not respond yes to this question unless it has specifically tasked a person/team with this product(s) transition. For more comprehensive guidance about selecting green cleaning chemicals, see Practice Greenhealth's **green cleaning resources**.

5.* Does the facility utilize any **Green Seal** or **UL Ecologo** certified cleaning products?

[Yes ▾]

Please document **ALL** dollars spent on cleaning chemicals at your organization during 2020. For each type of cleaning product your organization selects below, a table will appear in which you need to enter **two numbers**--a value for green chemical spend and a value for conventional chemical spend on that particular product category. The table will **autocalculate** your total cleaning chemical spend and your % green spend for each category. If you are using 100% green certified chemicals for a product category, you **MUST** enter a zero for conventional cleaning chemicals for that same category in the table. If you are using 100% conventional cleaning chemicals for a product category, you **MUST** enter a zero for green cleaning chemical spend. No points will be awarded for rows with **incomplete information**.

Practice Greenhealth defines a green cleaning chemical as a cleaning product that is certified under either a GreenSeal or UL Ecologo standard. If you are unsure if your product is certified under either a **Green Seal** or UL Ecologo standard, take a moment to confirm at:
Green Seal
UL Ecologo

If your facility is using a **one-step disinfectant** cleaner instead of one of the cleaning products indicated below, please place a check next to the product category and enter the one-step disinfectant spend as conventional spend. In the U.S., EPA-registered hospital disinfectants are not yet allowed to be labeled or certified as green, because they are regulated as **antimicrobial pesticides under FIFRA**. The one-step disinfectant cleaner issue will be reviewed in a focus group with health care representation in the coming year.

5.a* Please select **ALL** cleaning product categories used at the facility. (You must include both conventional and green-certified product categories.)

☑ General purpose (hard surface) cleaners
☑ Window/glass cleaners
☑ Carpet and upholstery cleaners
☑ Bathroom/restroom cleaners
☑ Floor cleaners
☑ Floor strippers
☑ Floor finishes
☑ Laundry soaps/cleaners
☑ Liquid dish soap
☑ Other
☑ We use a one-step disinfectant cleaner instead of one of the above product categories.

For any product category that has been replaced by a one-step disinfectant cleaner, please select the product category and enter spend as conventional spend. See instructions above.

General purpose cleaners

Procurement type	$ spent on green cleaning chemicals	$ spent on conventional cleaners	Total ($) Spent on Cleaning Products	% Green spend of total

General purpose cleaning chemicals	5.a.a*	5.a.b*	5.a.c*	5.a.d*
			0	0

Window/glass cleaners

Procurement type	$ spent on green cleaning chemicals	$ spent on conventional cleaners	Total ($) Spent on Cleaning Products	% Green spend of total
Window/glass cleaners	5.a.e*	5.a.f*	5.a.g*	5.a.h*
			0	0

Carpet and upholstery cleaners

Procurement type	$ spent on green cleaning chemicals	$ spent on conventional cleaners	Total ($) Spent on Cleaning Products	% Green spend of total
Carpet cleaners	5.a.i*	5.a.j*	5.a.k*	5.a.l*
			0	0

Bathroom/restroom cleaners

Procurement type	$ spent on green cleaning chemicals	$ spent on conventional cleaners	Total ($) Spent on Cleaning Products	% Green spend of total
Bathroom/restroom cleaners	5.a.m*	5.a.n*	5.a.o*	5.a.p*
			0	0

Floor cleaners

Procurement type	$ spent on green cleaning chemicals	$ spent on conventional cleaners	Total ($) Spent on Cleaning Products	% Green spend of total
Floor cleaners	5.a.q*	5.a.r*	5.a.s*	5.a.t*
			0	0

Floor strippers

Procurement type	$ spent on green cleaning chemicals	$ spent on conventional cleaners	Total ($) Spent on Cleaning Products	% Green spend of total
Floor strippers	5.a.u*	5.a.v*	5.a.w*	5.a.x*
			0	0

Floor finishes

Procurement type	$ spent on green cleaning chemicals	$ spent on conventional cleaners	Total ($) Spent on Cleaning Products	% Green spend of total
Floor finishes	5.a.y*	5.a.z*	5.a.aa*	5.a.ab*
			0	0

Laundry soap

Procurement type	$ spent on green cleaning chemicals	$ spent on conventional cleaners	Total ($) Spent on Cleaning Products	% Green spend of total
Laundry soap	5.a.ac*	5.a.ad*	5.a.ae*	5.a.af*
			0	0

Liquid dish soap

Procurement type	$ spent on green cleaning chemicals	$ spent on conventional cleaners	Total ($) Spent on Cleaning Products	% Green spend of total
Liquid dish soap	5.a.ag*	5.a.ah*	5.a.ai*	5.a.aj*
			0	0

Other

Procurement type	$ spent on green cleaning chemicals	$ spent on conventional cleaners	Total ($) Spent on Cleaning Products	% Green spend of total
Other	**5.a.ak***	**5.a.al***	**5.a.am*** 0	**5.a.an*** 0

5.a.ao*   Please indicate which cleaning products or categories (general purpose, bathroom etc.) were replaced with a **one-step disinfectant cleaner**?

5.a.ap   Please list the **brand and product name** of one-step disinfectant cleaners being used. (Optional)

Percent Green Spend on Cleaning Products

The <u>measured metric</u> for green cleaning is the **Total Percent Green Spend on 5 Target Cleaning Chemicals** which includes: <u>general purpose cleaners, window/glass cleaners, bathroom/restroom cleaners, carpet cleaners and floor cleaners</u>. Points are awarded for providing data for other cleaning chemical types but only these 5 categories of cleaning chemicals **will count toward the measured metric**. Please ensure the facility provides cleaning chemical spend (both green certified and conventional) for as many types of products as the facility is using--but <u>at least</u> these 5.

Total Percent Green Spend on 5 Target Cleaning Chemical Categories (This is the <u>measured metric</u> for green cleaning.)

Procurement type	Total $ spent on 5 target green cleaning chemicals	Total $ spent on conventional cleaners	Total ($) spent on 5 target cleaning chemicals	% Green spend for 5 target cleaning chemicals
Total Spend	**5.b*** 0	**5.c*** 0	**5.d*** 0	**5.e*** 0

*The **five target cleaning chemicals** that are part of the <u>measured metric</u> for green cleaning are: **general purpose cleaners, bathroom/restroom cleaners, window/glass cleaners, carpet cleaners and floor cleaners.**

Overall Percent Green Spend on Cleaning Chemicals

Procurement type	Overall $ spent on green cleaning chemicals	Overall $ spent on conventional cleaners	Overall ($) Spent on all Cleaning Products	Overall % Green spend
Total Spend	**5.f*** 0	**5.g*** 0	**5.h*** 0	**5.i*** 0

5.j   Has the facility realized any **cost-savings** in 2020 from its use of third-party certified green cleaning chemicals or green cleaning practices?

- ◉ Yes
- ○ No

5.j.a   Please indicate any **tracked financial savings (in $)** from the use of third-party certified green cleaning chemicals or green cleaning practices:

5.j.b   Please describe how those financial savings were derived:

It has been a challenging year for cleaning and disinfecting health care facilities due to the COVID-19 pandemic. The following questions will allow Practice Greenhealth to better understand and track these changes.

6.*   Has the facility **expanded its use of disinfectants/one-step disinfectant cleaners** for environmental cleaning as a result of the COVID-19 pandemic?

- ◉ Yes
- ○ No

6.a* Please indicate **in which areas** these changes were made: (Please select all that apply.)

☐ All patient care areas
☐ Some patient care areas
☐ Food services
☐ Administrative areas
☐ Everywhere
☐ Other

7.* Please describe any other **changes to cleaning and disinfection protocols** a result of the COVID-19 pandemic:

8.* Is any consideration given to the **sustainability attributes of disinfectants/one-step disinfectant cleaners** during the product selection process?

🔘 Yes
○ No

Note: Sustainability attributes could include the worker health and safety impacts for cleaning or nursing staff, or the impact on the environment through manufacture or disposal. These considerations are separate and distinct from efficacy considerations (kill claims for various pathogens).

8.a* Please describe any consideration given to the **sustainability attributes of disinfectants/one-step disinfectant cleaners** during the selection process:

9. Has the facility replaced any cleaning product types with a **chemical-free** method, such as ionized water or ozone?

🔘 Yes
○ No

9.a What type of chemical-free process are you using? Please check all that apply:

☐ Ionized Water
☐ Ozone
☑ Other

9.a.a Please describe any other chemical-free processes in use:

10. Does the facility utilize **automatic scrubbing machines** that use **only water** for floor cleaning?

🔘 Yes
○ No

10.a Was your facility able to reduce or replace other cleaning chemical use as a result of <u>automatic scrubbing machines</u>?

○ Yes
○ No

11. Does the facility utilize **ultraviolet germicidal irradiation** (UVGI) technology for surface disinfection in any area of the organization?

🔘 Yes
○ No

11.a Please select the clinical areas where this technology is used:

☐ All patient rooms
☐ Isolation rooms
☐ OR
☑ Other

11.a.a What other areas is this technology used in:

Sterilization and Disinfection

12. Does the facility utilize **medical instrument cleaners** that are certified by **EPA's Safer Choice Program** (formerly Design for the Environment- DfE)?

○ Yes

○ No

While GreenSeal and UL ECOLOGO are the preferred certifications for surface cleaning chemicals, cleaning of medical instrumentation is not covered by these certification programs. EPA's Safer Choice program certifies medical instrument cleaners.

13.   Has the facility eliminated the use of the high-level disinfectant **glutaraldehyde** and moved to safer alternatives (as defined by the **ICRA process** involving Infection Prevention & Control and Employee Health)?

◉ Yes

○ No

An **Infection Control Risk Assessment (ICRA)** is a multidisciplinary, organizational, documented process that after considering the facility's patient population and program The **ICRA process** focuses on reduction of risk from infection, acts through phases of facility planning, design, construction, renovation, facility maintenance, and coordinates and weighs knowledge about infection, infectious agents, and care environment, permitting the organization to anticipate potential impact.

13.a   What alternatives to **glutaraldehyde** does the facility use?

☐ OPA (ASP Cidex OPA, Metrex Metricide OPA)

☐ Hydrogen peroxide

☐ Peracetic acid

☑ Other

13.a.a   Please describe other alternatives to glutaraldehyde being used:

14.   Has the facility **eliminated** the use of the sterilant **ethylene oxide (EtO)** onsite ?

◉ Yes

○ No

14.a   What alternatives to EtO does the facility use?

☐ Steam Sterilization

☐ Ozone plasma

☐ Low temperature hydrogen peroxide gas plasma

☐ Peracetic Acid

☑ Other

14.a.a   Please describe other alternatives to EtO being utilized:

Integrated Pest Management

Integrated Pest Management (IPM) is an approach to managing pests that protects health and the environment. Learn more at: **IPM Frequently Asked Questions**

15.   Has the facility **reduced or eliminated** the use of **chemical pesticides** by implementing an IPM program?

◉ Yes

○ No

15.a   Please describe IPM program:

16.   Has the facility developed a **written IPM plan/policy** for the facility that includes attention to both indoor and outdoor (buildings and grounds) pest habitats and issues, which focuses on prevention as the primary means of pest management? (see **checklist** for prevention strategies)

◉ Yes

○ No

16.a   Please attach IPM plan or policy:

17.   Does the facility **require EVS** or other relevant staff to be **trained in IPM**? (In particular, are staff trained to monitor and prevent pest problems by spotting conditions that are conducive to pest infestations?)

○ Yes

○ No

PVC and DEHP

Practice Greenhealth encourages hospitals to reduce or eliminate polyvinyl chloride (**PVC**) and the plasticizer di(2-ethylhexyl) phthalate (**DEHP**) from clinical products and devices. For more information, see the **FDA Public Health Notification: PVC Devices Containing the Plasticizer DEHP**.

18.   Is the facility actively working to reduce the purchase of medical products containing **PVC** and **DEHP**, in alignment with Practice Greenhealth's **PVC and DEHP Reduction Goal**?

⦿ Yes
◯ No

*The facility should not respond yes to this question unless it has specifically tasked a person/team with this product transition.

18.a   Has the facility encoded this commitment in policy, program, guideline, or purchasing specifications?

⦿ Yes
◯ No

18.a.a   Please attach **PVC**/**DEHP** policy, program, guideline, or purchasing specifications:

19.*   Has the facility completely eliminated both **PVC** and **DEHP** from at least **two** product lines?

| Yes   ⌄ |

Please select the year **both DEHP** and **PVC** were eliminated from an ENTIRE product line. Product lines are categories that can include numerous types of products.

If a particular product line still contains **DEHP or PVC**, but efforts are being made toward elimination, please select "In progress."

For product lines where **DEHP** and **PVC** have been completely eliminated, or are in progress, please list top compliant product name and the manufacturer/supplier.

DEHP-free and PVC-free Product Table

Product Lines	Year DEHP and PVC eliminated	Top product name and corresponding manufacturer/supplier
Breast pumps and accessories	**19.a*** Select an option... ⌄	**19.k***
Enteral nutrition products	**19.b*** Select an option... ⌄	**19.l***
Enteral tubes	**19.c*** Select an option... ⌄	**19.m***
General urological	**19.d*** Select an option... ⌄	**19.n***
Gloves	**19.e*** Select an option... ⌄	**19.o***
Parenteral infusion devices and sets (includes IV tubing and bags)	**19.f*** Select an option... ⌄	**19.p***
Respiratory therapy products	**19.g*** Select an option... ⌄	**19.q***
Vascular catheters	**19.h*** Select an option... ⌄	**19.r***
19.u* Other product line	**19.i*** Select an option... ⌄	**19.s***
19.v* Other product line	**19.j***	**19.t***

| | Select an option... ▾ | |

DEHP and **PVC**-free Metrics

This is the number of DEHP and PVC-free product lines completed in 2020:	**19.w*** 0
This is the number of DEHP and PVC-free product lines completed in 2019 or earlier:	**19.x*** 0
This is the number of product lines where some progress has been made towards DEHP and PVC-free:	**19.y*** 0
This is the facility's <u>number</u> of DEHP and PVC-free completed product lines out of 8:	**19.z*** 0
This is the facility's **percent of DEHP and PVC-free completed product lines:**	**19.aa*** 0

For more information, see the Practice Greenhealth **PVC and DEHP Elimination Goal** guidance.

Healthy Interiors

20.* Is the facility actively working to purchase furnishings and furniture **that eliminate the use** of <u>all</u> of the following target chemicals: flame retardants, formaldehyde, per and poly-fluorinated compounds (PFAS), **PVC** (vinyl) and antimicrobials, in alignment with Practice Greenhealth's **Healthy Interiors Goal**?

Yes ▾

*The facility should not respond yes to this question unless it has specifically tasked a person/team with these product transitions.

20.a* Please indicate which categories of furnishings and furniture were purchased in 2020 using **conventional** criteria:
- ☐ Beds, mattresses, and pads (table pads, stretcher pads, pediatric pads)
- ☐ Built-in and modular casework
- ☐ Cubicle/privacy curtains
- ☐ Panels and partitions
- ☐ Seating (chairs, stools, sofas, benches, recliners, loungers, etc.)
- ☐ Storage units and shelving (cabinets, filing cabinets, dressers, drawers, bookshelves, built-in shelves, etc.)
- ☐ Systems (multi-component furniture systems)
- ☐ Wall coverings
- ☐ Window coverings
- ☐ Work surfaces (tables, desks, overbed tables, etc.)

20.b* Please indicate which categories of furnishings and furniture were purchased in 2020 that meet **Healthy Interiors** criteria:
- ☑ Beds, mattresses, and pads (table pads, stretcher pads, pediatric pads)
- ☑ Built-in and modular casework
- ☑ Cubicle/privacy curtains
- ☑ Panels and partitions
- ☑ Seating (chairs, stools, sofas, benches, recliners, loungers, etc.)
- ☑ Storage units and shelving (cabinets, filing cabinets, dressers, drawers, bookshelves, built-in shelves, etc.)
- ☑ Systems (multi-component furniture systems)
- ☑ Wall coverings
- ☑ Window coverings
- ☑ Work surfaces (tables, desks, overbed tables, etc.)

Learn more about **Healthy Interior-compliant product options**.

Please indicate **last year's Healthy Interiors** compliant and conventional spend on mattresses purchases in the table below:

Table C1. Percent Green Spend on Mattresses

Healthy Interiors compliant spend on mattresses	**20.b.a***

Conventional spend on mattresses	20.b.b*
Total spend on mattresses in current year	20.b.c* 0
% Green spend on mattresses	20.b.d* 0

Note:This is not a scored as a metric in 2021.

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21. Please select the facility's primary bed and mattress manufacturer(s):

☐ HillRom
☐ Stryker
☑ Other

21.a Please list other manufacturers:

Cubicle and privacy curtains should also meet the **Healthy Interiors criteria**, however there are currently limited options in the marketplace.

22. What kind(s) of cubicle/privacy curtains does the facility purchase?

☐ Reusable
☑ Disposable

22.b Does the disposable product meet the **Healthy Interiors criteria**?

○ Yes
○ No

Percent Spend on Healthy Interiors

Please report dollars spent on furnishings and furniture (including medical and non-medical) **that eliminate the use** of **ALL** of the following target chemicals: flame retardants, formaldehyde, per and poly-fluorinated compounds (PFAS), **PVC** (vinyl) and antimicrobials. Please also enter the **total dollars spent on conventional** furnishings and furniture that do NOT avoid **chemicals of concern** to determine **% Green Spend on Healthy Interiors** in Table C2 below. Do NOT include mattress purchases here (please enter in Table C1 above).

Table C2. Percent Green spend on Healthy Interiors

Healthy Interiors % Spend	Dollars ($) Spent
Dollars spent on furnishings and furniture (including medical and non-medical) that eliminate all five target chemicals	23.*
Dollars spent on conventional furnishings and furniture (including medical and non-medical) that do not avoid all target chemicals of concern	24.*
Total dollars spend on furnishings and furniture	25.* 0
% Spend on Healthy Interiors	26.* 0

Healthy Flooring

Every day, patients and workers are exposed to a wide array of chemicals in hospitals and health care facilities. Many of these chemicals have been shown to have a lasting negative impact on individual health, public health, and the environment. Flooring can be an important and negative contributor to indoor air quality. Hospitals are increasingly selecting flooring choices that avoid key chemicals and materials of concern. Learn more about Health Care Without Harm's **criteria for healthy flooring**.

27. Is the facility actively working to select and purchase **healthier flooring** in alignment with Practice Greenhealth's **Healthy Flooring Goal**?

○ Yes
○ No

28.* Did the facility install any new flooring in the past year?

◉ Yes

○ No

Please report dollars spent on **healthy versus conventional flooring installed in the past year** (carpeting is not included). To qualify as healthy flooring, it must meet the **Healthy Flooring criteria**. Please break out flooring **material costs only** and report in the first row of Table C3. Practice Greenhealth realizes some spend data may include non-material costs such as flooring preparation and labor costs. If costs for the flooring materials only are not available, **total costs** should be reported in the row 2 of the table. Flooring purchases should not be double counted -- spend should be reported in either row 1 or row 2, but not both.

Table C3. Percent Green Spend on Flooring

% Healthy Flooring	Healthy Flooring compliant spend (silver or gold)	Conventional spend	Total Spend	% Healthy Flooring compliant spend
Flooring Costs (flooring materials only)	**28.a***	**28.b***	**28.c*** 0	**28.d*** 0
Total Installation Costs (flooring and associated costs*)	**28.e***	**28.f***	**28.g*** 0	**28.h*** 0

* Installation Costs (row 2 of table above) may include flooring prep costs or labor--if these line items cannot be broken out.

Note:This is not scored as a metric in 2021.

28.i* **Practice Greenhealth continues to evaluate the best way to measure progress on healthy flooring.**

Is it easier to report green/compliant flooring data by **total square feet** or by **dollar amount** for materials only?

○ Square feet
○ Dollar spend

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29. Is the facility actively working to select and purchase **healthier carpet** in alignment with Practice Greenhealth's **Healthy Carpet Goal**?

○ Yes
○ No

Mercury

Mercury is potent neurotoxin and can be found as a component in a range of medical devices, lab chemicals, pharmaceuticals, and more.

The **Making Medicine Mercury Free Award** (MMMF) is a one-time Award recognizing the virtual elimination of mercury. If your facility has won the MMMF from Practice Greenhealth (or H2E) in the past, please indicate.

30. Has the facility won the **Making Medicine Mercury Free Award (MMMF)**?

○ Yes
◉ No

The following questions must be answered in order to show that mercury has been addressed at some level at the facility to be considered for recognition. This is NOT the Making Medicine Mercury Free (MMMF) Award application. To apply for a stand-alone MMMF award, go to your facility Dashboard, click "Start a New Application" and select Making Medicine Mercury Free under "Application Type."

For a list of mercury-containing items in a hospital setting and guidelines to identification and elimination, see Practice Greenhealth's: **Mercury Elimination Strategies**

30.d Has the facility established a **mercury-free purchasing policy** (a stand-alone policy or included in a broader policy with other constituents of concern)?

○ Yes
○ No

30.e Has the facility established **protocols and written procedures for safe handling** of any mercury remaining onsite?

○ Yes
○ No

30.f Has the facility included proper **mercury disposal language in demolition contract** templates?

○ Yes
○ No

30.g Has the facility included mercury-free language in **building and renovation contract** templates?

○ Yes
○ No

Mercury in the Clinical Arena

30.h Has the facility **inventoried** (and labelled where possible) all mercury devices/sources within the organization and have a **plan in place** to substitute non-mercury devices?

○ Yes
○ No

30.i   Has the facility **replaced all clinical thermometers with mercury-free** patient thermometers?

● Yes
○ No

30.i.a   What brand(s) are currently in use?

30.j   Has the facility **eliminated** the use of mercury-containing **blood pressure devices** (sphygmomanometers)?

○ Yes
○ No

30.k   Has the facility **eliminated** the use of mercury-containing **clinical devices** (e.g., bougies, miller-abbott tubes, cantor tubes, dilators)?

○ Yes
○ No

30.l   Has the facility purchased mercury amalgam separators for installation at all **dental chairs**?

○ Yes
○ No
○ No Dental Chairs

Mercury in the Laboratory

30.m   The facility specifies and purchases, where possible, these **laboratory items mercury-free**:

☐ Thermometers
☐ Solutions
☐ Equipment

30.n   Has the applicant spoken with the lab manager to **inventory mercury-containing laboratory chemicals** ?

● Yes
○ No

30.n.a   Lab Manager **Name**:

Please share these resources with your lab manager:

For a list of mercury-containing items in a hospital setting and guidelines to identification and elimination, see Practice Greenhealth's:
Mercury Elimination Strategies.

30.o   Has the laboratory eliminated the use of mercury-containing **B5 fixative**?

● Yes
○ No

30.o.a   B5 replacement:

30.p   Has the laboratory eliminated the use of mercury-containing **Zenker's solution/fixative**?

● Yes
○ No

30.p.a   Zenker's replacement:

30.q   Has the facility identified other **product substitutions** in the lab that eliminate mercury?

○ Yes
○ No

Other Chemicals Program Successes

Please describe below any other innovative techniques, initiatives, or success stories (not already described above) related to the reduction of **chemicals of concern** in the facility in 2020. Please feel free to provide commentary and/or attach supporting files.

31.*   **Chemicals of Concern** Success 1: Please describe

32.*   Please attach any additional documentation (optional) for **Chemicals of Concern** Success 1:

33.*   **Chemicals of Concern** Success 2: Please describe

34.*   Please attach any additional documentation (optional) for **Chemicals of Concern** Success 2:

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