

**WFF Facility Services at  
Washington University**

**Green Cleaning Policy and Program Plan  
LEED for Existing Buildings: Operations and Maintenance  
FY 2018 - 2019**

**SECTION 1: SCOPE**

This Policy and Plan addresses environmental best practices for cleaning the interior of buildings cleaned by WFF Facility Services at Washington University – St. Louis. Specifically, it addresses purchasing sustainable cleaning, hard-floor and carpet products, and entryway systems; procuring sustainable cleaning equipment; developing and implementing standard operating procedures for effective cleaning; promoting and improving hand hygiene; developing guidelines for handling cleaning chemicals; developing staffing and employee training requirements; collecting and addressing occupant feedback; and establishing procedures for use of chemical concentrates and dilution systems.

The campus is located at One Brookings Dr. St. Louis, MO. 63130.  
Current contract period: July 1, 2019 – June 30, 2020

**SECTION 2: GOALS**

The goal of this Green Cleaning Policy and Plan is to reduce the exposure of building occupants and maintenance personnel to potentially hazardous chemical, biological and particle contaminants, which adversely impact air quality, health, building finishes, building systems and the environment.

**SECTION 3: RESPONSIBLE PARTIES**

Jason Watson, WFF - VP of Operations, with support from Kris Nordstrom, WFF – Executive Director and Scott MacDonald, WFF - Director of Custodial Services, is responsible for developing and managing the implementation of the Green Cleaning Policy and Plan.

Personnel involved with various elements of the green cleaning program shall carry out their tasks according to this policy, and report all relevant activities to the aforementioned parties. To ensure an effective and coordinated effort, the building staff responsible for overseeing the Green Cleaning Policy and Plan shall review all proposed cleaning activities before implementation.

Green cleaning strategies for the areas within WUSTL shall include actions performed by the following:

Function	Company Name	Primary Contact	Phone
e.g., Housekeeping, Custodial, Portering, Event Services	WFF Facility Services	Jason Watson	(314) 657-8473 Cell

#### SECTION 4: QUALITY ASSURANCE CONTROL PROCESS

The party(ies) responsible shall periodically evaluate the success of the Green Cleaning Policy and Plan. This evaluation may include producing and providing a report on an annual basis to senior management. Whenever possible, the annual report shall include an evaluation of the performance, safety, cost and environmental/public health benefits achieved as a result of its implementation.

Prior to implementation, the responsible party(ies) shall review all proposed cleaning activities. Upon reviewing proposed activities, the responsible party(ies) shall determine if they meet the criteria of the Green Cleaning Policy and approve or deny action.

The responsible party(ies) shall regularly communicate with all cleaning staff and conduct regular site inspections and evaluations to ensure that the Green Cleaning Policy and Plan is in place and functioning as intended. In addition to ongoing quality control measures, Jason Watson will review all practices and products (typically annually) to identify opportunities for improvement and expansion of environmentally friendly practices.

#### SECTION 5: CLEANING PRODUCTS

##### PERFORMANCE METRICS AND MEASUREMENT

The practices listed below shall be implemented, to the extent practicable, with a target goal of 30% of products complying, based on cost. The Responsible Party (WFF Facility Services) shall assign staff to track purchase rates of both compliant and noncompliant products.

##### PRACTICES TO OPTIMIZE USE OF SUSTAINABLE CLEANING PRODUCTS

Cleaning products and materials, including hard-floor and carpet-care products, used at WUSTL shall, when possible, meet the requirements of IEQc3.3: Green Cleaning, Purchase of Sustainable Cleaning Products and Materials.

Product types subject to these requirements include, but are not limited to, bio-enzymatic cleaners, hard-floor cleaners, carpet cleaners, general-purpose cleaners, specialty cleaners, odor control, disinfectants, disposable janitorial paper products and trash bags, and hand soaps.

IEQc3.3: Green Cleaning, Purchase of Sustainable Cleaning Products and Materials Criteria:

- The cleaning products shall meet one or more of the following standards for the appropriate category:
  - Green Seal GS-37, for general-purpose, bathroom, glass and carpet cleaner use for industrial and institutional purposes
  - Environmental Choice CCD-110, for cleaning and degreasing compounds
  - Environmental Choice CCD-146, for hard-surface cleaners
  - Environmental Choice CCD-148, for carpet and upholstery care.
- Disinfectants, metal polish, floor finishes, strippers or other products not addressed by GS-37 or Environmental Choice CCD-110, 146, or 148 shall meet at least one of the following standards for the appropriate category:
  - Green Seal GS-40, for industrial and institutional floor-care products
  - Environmental Choice CCD-112, for digestion additives for cleaning and odor control
  - Environmental Choice CCD-113, for drain or grease-trap additives
  - Environmental Choice CCD-115, for odor-control additives
  - Environmental Choice CCD-147, for hard-floor care
  - California Code of Regulations maximum allowable VOC levels for the specific product category.



- Disposable janitorial paper products and trash bags shall meet the minimum requirements of one or more of the following programs for the applicable product category:
  - U.S. EPA Comprehensive Procurement Guidelines for Janitorial Paper and Plastic Trash Can Liners
  - Green Seal GS-09, for paper towels and napkins
  - Green Seal GS- 01, for tissue paper
  - Environmental Choice CCD-082, for toilet tissue
  - Environmental Choice CCD-086, for hand towels
  - Janitorial paper products derived from rapidly renewable resources or made from tree-free fibers.
- Hand soaps shall meet one or more of the following standards:
  - No antimicrobial agents (other than as a preservative) except where required by health codes and other regulations (i.e., food service and health care requirements)
  - Green Seal GS-41, for industrial and institutional hand cleaners
  - Environmental Choice CCD-104, for hand cleaners and hand soaps.

#### APPROVED PRODUCT LIST

The products listed below are approved for use. Products beyond those listed here must be submitted for approval prior to use. Consumable products; Paper, plastic, liners, soap, feminine products, hand sanitizers, etc. are provided by WUSTL.

*A product list is attached to this document.*

#### SECTION 6: CLEANING EQUIPMENT

##### PERFORMANCE METRICS AND MEASUREMENT

All newly acquired cleaning equipment shall comply with the criteria listed below. The Responsible Party shall assign staff to track the percentage of all equipment that meets the criteria, based on cost or number of pieces of equipment, with a target of 75% of equipment.

##### PRACTICES TO OPTIMIZE USE OF SUSTAINABLE CLEANING EQUIPMENT

##### **Purchase Criteria**

All new equipment acquisitions shall comply with the requirements of IEQc3.4: Green Cleaning, Sustainable Cleaning Equipment:

- Vacuum cleaners meet the requirements of the Carpet and Rug Institute “Green Label” Testing Program— Vacuum Cleaner Criteria and are capable of capturing 96% of particulates 0.3 microns in size and shall operate with a sound level less than 70dBA.
- Carpet extraction equipment for restorative, deep cleaning is certified by the Carpet and Rug Institute’s “Seal of Approval” Testing Program for deep-cleaning extractors.
- Powered floor equipment—e.g., electric and battery-powered floor buffers and burnishers—is equipped with vacuums, guards and/or other devices for capturing fine particulates and operates with a sound level less than 70dBA.
- Propane-powered floor equipment has high-efficiency, low-emission engines with catalytic converters and mufflers that meet California Air Resources Board (CARB) or Environmental Protection Agency (EPA) standards for the specific engine size and operate with a sound level of less than 90dBA.
- Automated scrubbing machines are equipped with variable-speed feed pumps and onboard chemical metering to optimize the use of cleaning fluids. Alternatively, the scrubbing machines use only tap water with no added cleaning products.
- Battery-powered equipment is equipped with environmentally preferable gel batteries.
- Powered equipment is ergonomically designed to minimize vibration, noise and user fatigue.

- Equipment is designed with safeguards, such as rollers or rubber bumpers, to reduce potential damage to building surfaces.

#### Record-keeping

A log shall be kept for all powered cleaning equipment to document the date of purchase and all repair and maintenance activities. Vendor cut sheets for all equipment used onsite shall be stored onsite. When cleaning equipment replacement is necessary, acquisition dates and supporting documentation shall be retained to demonstrate that all newly acquired equipment complies with the specifications.

#### APPROVED EQUIPMENT LIST

The equipment listed below is approved in the event of new equipment acquisition. Equipment beyond that listed here must be submitted for approval prior to acquisition.

***An equipment list is attached to this document.***

### SECTION 7: HARD-FLOOR AND CARPET MAINTENANCE

#### PERFORMANCE METRICS AND MEASUREMENT

Floor-care maintenance shall consistently be performed according to written protocols, without exception. QC checks will be used to ensure 100% adoption.

#### PRACTICES TO OPTIMIZE HARD-FLOOR AND CARPET MAINTENANCE

- *The floor and carpet maintenance program at WUSTL is designed to use few, or no, harmful chemicals; remove and eliminate irritating dust, dirt and other contaminants; and protect and preserve floors.*
- *To minimize chemical use, WUSTL has reduced the frequency of stripping or removing coatings to an annual basis in order to maximize the floor's longevity, thereby conserving cleaning and floor restoration materials and minimizing occupants' exposure to harmful chemicals. In addition, when possible, WFF has introduced a polishing process on natural stone and Terrazzo floors that uses zero VOC's and does not apply traditional topical sealants.*
- *A written floor maintenance plan and log shall be maintained, which details the type of floor process being done, number of coats of floor finish being applied as the base and other applications (as applicable), along with all relevant maintenance/restoration practices and the dates and duration of these activities.*

### SECTION 8: ENTRYWAY SYSTEMS

#### PERFORMANCE METRICS AND MEASUREMENT

Protocols promoting effective use of entryway systems shall be wholly adopted. Quality control checks shall be used to ensure 100% adoption.

#### PRACTICES TO OPTIMIZE USE AND MAINTENANCE OF ENTRYWAY SYSTEMS

All entryways and entrances into buildings at WUSTL are equipped with walk-off mats, grilles, or grates. As a partnership, these are supplied by WUSTL, and monitored and maintained by WFF Facility Services.

- Grilles, Grates, Walk-off mats at all primary entrances shall be cleaned daily. These systems shall be a minimum of 10 feet long in the direction of travel.
- Grates, & Grilles shall be vacuumed, and surface cleaned daily. Grille/grate wells shall also be cleaned during this process and mopped weekly.
- The walk-off mats shall be professionally cleaned on a monthly basis and thoroughly vacuumed onsite on a daily basis. The flooring beneath the mats shall be vacuumed and mopped on a daily basis as well.

- Secondary entrances shall also have walk-off mats of 6-10 feet in length to capture initial loose particles entering the building. These mats must be vacuumed daily, and the floor beneath shall be vacuumed and mopped on a daily basis.
- Matting systems are provided by Washington University

## SECTION 9: HAND HYGIENE

### PERFORMANCE METRICS AND MEASUREMENT

Protocols promoting hand hygiene shall be wholly adopted. QC checks will be used to ensure 100% adoption.

### PRACTICES TO OPTIMIZE HAND HYGIENE

WUSTL provides all Hand Hygiene Products (Soaps, sanitizers, and bath and body wash)

- All restroom facilities, including those in guest rooms, public areas and back-of-house spaces shall include appropriate hand soaps. (See Section 5.)
- *Per regulations, hand-hygiene notices will be placed in all employee rest rooms as directed by WUSTL.*
- *An inventory of WUSTL supplied Hand Hygiene Products is attached to this document*

## SECTION 10: HANDLING AND STORAGE OF CLEANING CHEMICALS

### PERFORMANCE METRICS AND MEASUREMENT

Protocols governing safe handling and storage of cleaning chemicals shall be wholly adopted. QC checks will be used to ensure 100% adoption.

### PRACTICES TO OPTIMIZE HANDLING AND STORAGE OF CLEANING CHEMICALS

The following protocols have been established to mitigate spills, leaks and mismanagement.

#### Storage

- Cleaning chemicals are stored in locked custodial closets as supplied by WUSTL. Workers access chemicals at the beginning of their shift and as needed.
- Supervisors restock custodial closets as par levels dictate.
- When possible, all materials and chemicals are kept off the floor.
- Paper supplies should always be stored separate from chemicals when practical or above chemicals when necessary to use the same shelving. This prevents accidental spillage into paper supplies.
- The size of the storage area will determine how much can be stored, but any storage area should be able to hold at least two to three days' worth of supplies.
- Be sure all chemicals are at or below eye level, caps are secure, and all containers are labeled, compliant to OSHA standards. Chemicals should be placed on the shelves, so labels are easily read.
- Spill prevention drip pans or pads can be used to keep from contaminating the floor and causing a slip/fall hazard. Bulk storage areas are outfitted with Spill Kits in case of emergency.
- Custodial closets are properly secured when unattended.

#### Chemical Dilution systems

*The Diversey Hand Held and Wall mount dilution control (dependent on closet space) systems are in use.*

*Literature is attached to this document.*

#### SDS Storage

- The cleaning chemical supplier is required to provide accurate SDSs for all chemicals delivered to the building.

- SDSs are filed, in duplicate, at all primary clock-in locations, the chemical storage room and the custodial office in clearly labeled binders.
- The cleaning chemical supplier maintains a toll-free hotline that can be called in the event of spills or accidents to access safety data and protocols.

### Emergency Procedures

#### Spill Containment Plan

In all cases where chemicals are being used, there are procedures to prevent the chemical from migrating out of the work area.

- Chemicals being dispensed from a spray bottle are sprayed into the cleaning cloth and not on surfaces where the overspray becomes airborne and could get on unwanted surfaces or get into a ventilation system moving it to unintended parts of the building
- Chemicals being dispensed from a pump-up sprayer require surfaces not being cleaned are protected from overspray through any combination of several methods, depending on the circumstance:
  - Covering surfaces with a tarp, tape or plastic
  - Maintaining a distance from the surfaces so as to prevent accidental application of chemical where it is not wanted
  - Removing all items from the area that are not to be cleaned
- Chemicals being mopped onto floor surfaces will require any of several methods, depending on the circumstance:
  - Where a lot of solution is required, place absorbent socks or matting where solution may run under doors or furniture, flow into stairwells, floor vents or floor electrical outlets
  - Carefully mop along the edge to create a buffer zone before mopping the entire floor
  - Wring the mop out as much as possible to avoid dripping and run-off of solution
  - Place protective tape over carpet edges to prevent absorption of solution into the carpet
  - Removing all items from the area that are not to be cleaned
- Chemicals being dispensed from a pressure washer require:
  - Containment so run-off does not enter storm drains or leach into the ground
  - Frequent stops to pick up the contained run-off for disposal in an appropriate method for the chemical being used
- Outdoor work
  - Only use chemicals outdoors on calm days to prevent accidents from wind gusts blowing the solution into unwanted areas
  - Cover anything that cannot be moved to prevent accidental application of chemical solution
  - Prevent chemical solutions from entering storm drains or leaching into the ground
  - Remove all items from the area that are not to be cleaned
- Storage
- Store chemicals to avoid accidental migration of spills by:
  - Setting on absorbent matting
  - Setting inside containment trays or barrels
  - Setting inside a permanent containment area which will not allow leaks outside that area
  - Store in a well-ventilated area so fragrances/odors do not accumulate and migrate into adjoining areas
  - Keep caps and lids on tight
- Accidental spill
  - First responders will first ensure the chemical that was spilled is identified and all pertinent information regarding the health hazards from the SDS are communicated to all clean-up personnel
  - Steps should next be taken to ensure the chemical is prevented from migrating into storm drains, drainage ditches or other pathways that would allow it to enter the open water supply, leach into ground water or otherwise pollute the environment

- Follow clean-up procedures and dispose of the chemical as required per the SDS sheet that may be as simple as pouring into an industrial waste drain or sewage system or as complex as placing inside sealed drums and shipped to a hazardous waste disposal site.

## SECTION 11: USE OF CHEMICAL CONCENTRATES AND DILUTION SYSTEMS

### PERFORMANCE METRICS AND MEASUREMENT

Dilution systems and chemical concentrates shall be wholly utilized for the following product types:

***A full chemical inventory of products used at WUSTL are attached to this document. Note: standard products used by general cleaners represent 95% of the custodial staff and the restorative items used by specialized project teams represent 5% of the staff***

### PRACTICES TO OPTIMIZE USE OF CHEMICAL CONCENTRATES AND DILUTION SYSTEMS

Chemical concentrates and dilution systems are used according to the procedures below to minimize risk to staff and occupants, and to conserve resources.

#### Dilution System Description

*Refer to the literature attached to this document for a complete description of the systems.*

#### Maintenance

*A Diversey representative checks the dilution control systems semi-annually. The Director and Supervisors oversee daily use and maintenance. Any malfunctioning dispensers are immediately removed and replaced.*

## SECTION 13: VULNERABLE BUILDING OCCUPANTS

To protect vulnerable building occupants, such as pregnant women, children, asthmatics, elderly occupants, and individuals with allergies or high sensitivity, cleaning staff from WFF Facility Services shall use only low/no VOC cleaning products; they shall perform routine cleaning and floor restoration activities after working hours when the majority of occupants have left the building; the staff shall limit the number of cleaning chemicals used in the building; and they shall maintain a high level of cleanliness thus minimizing the presence of irritants (refer to Section 11).

## SECTION 14: STAFFING AND TRAINING

### PERFORMANCE METRICS AND MEASUREMENT

All cleaning personnel shall receive regular training. Vendors shall supply evidence of compliance with training requirements prior to contract award or renewal.

### PRACTICES TO OPTIMIZE STAFFING AND TRAINING

All cleaning staff and managers shall receive environmental safety and health training, addressing, at minimum, hazards associated with the use, disposal and recycling of cleaning chemicals, dispensing equipment and packaging.

#### Training Topics

- Employee safety and health compliance as it relates to the cleaning program
- Regulatory compliance standards—OSHA, EPA, and other local, state, and federal rules and regulations
- Unsafe attitudes and conditions in the work place through Job Safety Analysis—OSHA JSA or JHA (Job Hazard Analysis)
- Employee performance improvement, such as accident prevention and record-keeping
- Compliance with health and safety rules, and regulation and confidentiality issues



- Safe chemical storage and handling
- Disposal and recycling of cleaning chemicals, dispensing equipment and packaging
- Technical general cleaning, Personal development and HR Policies
- Equipment care and usage
- Floor care

**Annual Training Hours**

*All workers shall receive a minimum of two hours of training monthly.*

**Staffing Plan**

To meet cleaning objectives within the building, minimum staffing requirements must be met. Factors such as occupancy rates, seasonal variations and other considerations should be taken into account when adjusting the staffing plan.

*Under typical conditions, total cleaning staff time shall be not less than 1,470 hours per day (Average of all shifts including weekends). Generally, 196 staff members work 7.5 hours per shift to meet these requirements.*

**SECTION 15: OCCUPANT FEEDBACK AND EVALUATION OF NEW TECHNOLOGIES**

**PERFORMANCE METRICS AND MEASUREMENT**

All guests and employees shall have a mechanism by which to provide feedback on cleaning practices.

**PRACTICES TO OPTIMIZE OCCUPANT FEEDBACK AND EVALUATE NEW TECHNOLOGIES AND PROCEDURES**

WFF Facility Services has implemented an electronic email collection system for gathering occupants' feedback about the cleaning program. Occupants are encouraged to alert the management to any issues relating to the green cleaning program. In addition, management regularly researches and integrates new green cleaning technologies into the building's green cleaning procedures such as the use of Micro-fiber technology, chemical free cleaning, low moisture mopping and machinery, chemical free scrubbing for restorative floor care, etc. *(See attached Literature)*

**SECTION 16: TIME PERIOD**

This policy shall take effect on July 1, 2014 and shall continue indefinitely or until amended and/or replaced by a subsequent green cleaning policy. *(Current through July 2019)*



**Section 6 WFF Washington University Equipment Inventory 2019**

Certification	Equipment Type	Model #	Fixed Asset #	Location
LEED IEQ Credit 3.4	Chariot I-Scrub	Windsor	5146	A/B Law
CRI	Chariot	Windsor	7205	A/B Law
CRI	Hillyard C3	CPX3	5113	A/B Law
CRI	Clark Extractor	Clark	5036	A/B Law
CRI	Low Speed -	Windsor	none	A/B Law
CRI	Low Speed -	Windsor	none	A/B Law
CRI	Low Speed -	Windsor	none	A/B Law
CRI	Aqua Clean	Advance	5033	A/B Law
CRI	Burnisher	Windsor	5066	Bixby 2nd floor JC.
CRI	20" Low speed	Windsor	7708	Brauer
	Wet Vac - Viper	SN-18WD-U	5184	Brauer
CRI	Extractor	Windsor	5186	Brauer
CRI	Burnisher	Windsor	5188	Brauer
CRI	Blower	Windsor	5759	Brauer
CRI	Blower	Windsor	5190	Brauer
CRI	Sabre Blade	Windsor	7734	Brauer
LEED IEQ Credit 3.4	Chariot 2 - I-Scrub	Windsor	7754	DUC
CRI	Viper Slider 1610 Extractor	viper	7729	DUC
	Wet/Dry Vac- Viper	SN-18WD-U	7741	DUC
CRI/Green Sealed	Burnisher	Lightening 2000	7703	DUC
LEED IEQ Credit 3.4	Chariot 2 - I-Scrub	Windsor	7754	DUC
CRI	Sabre Blade	Windsor	7736	DUC
CRI	Wind Handler Blower	Windsor	7741	DUC
CRI	Hillyard C3	CPX3	7714	DUC
CRI	Viper Slider 1610 Extractor	viper	7716	DUC
CRI	Blower	Windsor	7739	DUC 3rd Flr. JC.
CRI	Burnisher	Windsor	7703	DUC 3rd Flr. JC.
DfE	I-Cap	Windsor	7750	DUC 3rd Flr. JC.
	Wet/Dry Vac- Viper	SN-18WD-U	7729	DUC 3rd Flr. JC.
	Wet/Dry Vac - Advance	GW6015	2002	DUC 3rd Flr. JC.
CRI	Burnisher	Windsor		FLC
DfE	I-Cap	Windsor	7745	Goldfarb LL JC
Green Sealed	Extractor - Viper	viper	7718	Lab Science PR
LEED IEQ Credit 3.4	Chariot 2 - I-Scrub	Windsor	7753	Mallinckrodt
CRI	Burnisher	Windsor	7702	Mallinckrodt
LEED IEQ Credit 3.4	Chariot 2 - I Scrub	Windsor		McDonnell 3rd flr. N
CRI	Burnisher	Windsor		McDonnell 3rd flr. N
CRI	Chariot 2 - I-Gloss	Windsor	7748	McDonnell Hall
LEED IEQ Credit 3.4	Chariot 2 - I-Scrub	Windsor	7748	McDonnell LL flr. N
CRI	Radius 280 Trivac	Windsor		N. Campus - 1st floor
Green Sealed	Extractor - Viper	viper		N. Campus - 1st floor
CRI/LEED IEQ Credit 3.4	Chariot 2 - I-Vac	Windsor	7749	Olin 1st flr.
CRI	Radius 280 Trivac	Windsor	?	Olin 2nd flr.
CRI/DfE	Clipper Duo - extractor	Windsor	n/a	Olin 2nd flr.
CRI	Radius 280 Trivac	Windsor	7710	Olin 3rd flr.
			7742	Project
DfE	I-CAP	Windsor	?	Project
DfE	I-CAP	Windsor	7746	Project
	Viper Wolf 130	Wolf 130	5758	Project
	Viper Wolf 130	Wolf 130	n/a	Project
CRI	Viper Slider 1610 Extractor	viper	7717	Project
CRI	Viper Slider 1610 Extractor	viper	7718	Project
CRI	Side by side - 20" scrubber	Windsor	5183	Project
CRI	Advance- Orbital Scrubber	FM800	7724	Project
CRI	Advance- Orbital Scrubber	FM800	7720	Project



**Section 6 WFF Washington University Equipment Inventory 2016**

Certification	Equipment Type	Model #	Fixed Asset #	Location
	Wet/Dry Vac- Viper	SN-18WD-U	7732	Project
	Wet/Dry Vac- Viper	SN-18WD-U	7731	Project
	Wet/Dry Vac- Viper	SN-18WD-U	7728	Project
CRI	Sabre Blade	Windsor	7735	Project
CRI	Hillyard OC3	CPX3	7713	Project
CRI/DfE	Clipper Duo - extractor	Windsor		Project
CRI	20" roto scrubber	SP20x	5183	Project
LEED IEQ Credit 3.4	Chariot 2 - I-Scrub	Windsor	7752	Psychology 1st flr. JC
NFSI	Adfinity REV	Advance	7726	Seigle Hall
LEED IEQ Credit 3.4	Chariot 2 - I Scrub	Windsor	7756	Seigle Hall
CRI	Chariot 2 - I-Gloss	Windsor	7755	Seigle Hall
CRI	Viper Slider 1610 Extractor	1610	7719	Simon Hall
CRI	Windhandler - Blower	Windsor	7743	Simon Hall
	Wind Handler Blower	E122615	7740	Sports
	Wet/Dry Vac- Viper	SN-18WD-U	7730	Sports 1 s JC
LEED IEQ Credit 3.4	Chariot 3 - Auto Scrubber	CS2610061510		Sports 1 s JC
CRI	C-3 XP	HILLYARD	7715	Sports 1 s JC
	Bolt Deluxe Roto scrubber	BP 20X	7707	Sports 1 s JC
CRI/Green Sealed	Lightening 2000 Burnisher	Windsor	7705	Sports 1 s JC
CRI	Sabre Blade	Windsor	7733	Steinbergh 2nd flr. JC.
CRI	20" Burnisher	Windsor	5152	W. Campus Office
CRI	Blower	Windsor	5988	W. Campus Office
CRI	Blower	Windsor	5987	W. Campus Office
Green Sealed	Viper Buffer	viper	5150	W. Campus Office
	Anser Extractor	anser	5157	W. Campus Office
CRI	Clark Extractor	clark	5052	W. Campus Office
CRI	Viper Wet vac	Windsor	5054	W. Campus Office
CRI	Viper Wet vac	Windsor	5155	W. Campus Office
CRI	Radis 280 Vacuum	Windsor	7711	W. Campus Office
CRI	Advance carpet triever	Windsor	5059	W. Campus Office
CRI	20" Pacesetter scrubber	Windsor	5990	W. Campus Office
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7801	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7802	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7803	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7804	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7805	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7806	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7807	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7808	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7809	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7810	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7811	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7812	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	78113	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7814	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7815	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7816	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7817	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7818	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7819	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7820	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7821	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7822	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7823	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7824	



**Section 6 WFF Washington University Equipment Inventory 2016**

Certification	Equipment Type	Model #	Fixed Asset #	Location
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7825	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7826	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7827	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7828	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7829	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7830	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7831	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7832	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7833	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7834	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7835	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7836	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7837	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7838	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7839	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7840	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7841	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7842	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7843	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7844	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7845	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7846	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7847	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7848	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7849	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7850	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7851	
CRI/USGBC	Pro Team Super Coach Pro 6 Vacuum	PTM107308	7852	
CRI	Windsor Sensor 12	B70327335	7853	
CRI	Windsor Sensor 12	B70327336	7854	
CRI	Windsor Sensor 12	B70327337	7855	
CRI	Windsor Sensor 12	B70327338	7856	
CRI	Windsor Sensor 12	B70327343	7857	
CRI	Windsor Sensor 12	B70327376	7858	
CRI	Windsor Sensor 12	B70327409	7859	
CRI	Windsor Sensor 12	B70327560	7860	
CRI	Windsor Sensor 12	B70327561	7861	
CRI	Windsor Sensor 12	B70327562	7862	
CRI	Windsor Sensor 12	B70327563	7863	
CRI	Windsor Sensor 12	B70327564	7864	
CRI	Windsor Sensor 12	B70327565	7865	
CRI	Windsor Sensor 12	B70327566	7866	
CRI	Windsor Sensor 12	B70327567	7867	
CRI	Windsor Sensor 12	B70327568	7868	
CRI	Windsor Sensor 12	B70327569	7869	
CRI	Windsor Sensor 12	B70327572	7870	
CRI	Windsor Sensor 12	B70327573	7871	
CRI	Windsor Sensor 12	B70327574	7872	
CRI	Windsor Sensor 12	B70327578	7873	

Sections 5:11

CHEMICAL TABLE OF CONTENTS

Type	Manufacturer	Name	Unit of Measure	Order/ Part #	Vendor	Green Y/N	Certification	Notes (Approved Locations & Surfaces)	PPE -- Section 8 of SDS
	Impact	Bodily Fluid Disposal Kit	Kit		Network/Is soap	No		Blood & Body spill clean up	Goggles, gloves
wipes	Diversey	Oxivir Wipes	60 wipes	100850922	Network/Is soap	No	EPA Registered	disinfectant wipes	Gloves
liquid	Diversey	Tannin Stain Remover	Quart	904252	Network/Is soap	No	CRI	Carpets (except dark or Advanced 5th generation stain resistant)	Goggles, gloves
liquid	Diversey	Extraction Rinse	1.5 Liter	93515042	Network/Is soap	No	CRI	carpet stains -- alkaline & some acid spills (coffee)	Goggles, gloves
liquid	Diversey	Emerel Crème Cleanser	Quart bottle	94995295	Network/Is soap	No	NSF Registered	Counters, sinks, stainless steel	Gloves, goggles, long sleeves
liquid	Diversey	Encapsulation Cleaner	Gallon	9BP92017	Network/Is soap	No	CRI	Carpet With Icapsule Windsor	Goggles, gloves
liquid	Diversey	PERdiem	2.5 Liter	95613252	Network/Is soap	Yes	GSC	Carpets	Goggles, gloves
liquid	Diversey	High Mileage Floor Finish	5-Gallon	95104811	Network/Is soap	No		RESILIENT TILE, Ceramic, quarry tile, brick, stone, concrete floors	not normally needed
liquid	Diversey	Glance NA	2.5 Liter	93172641	Network/Is soap	Yes	GSC	Glass, Mirrors	Goggles, gloves
liquid	Diversey	Glance NA	1.5 Liter	93361936	Network/Is soap	Yes	GSC	Glass, Mirrors	goggles, gloves
liquid	Diversey	Extraction Cleaner	2.5 Liter	904972	Network/Is soap	No	CRI	Carpet	Goggles, gloves
liquid	Diversey	Prominence Floor Cleaner	2.5 Liter	94996466	Network/Is soap	Yes	GSC	resilient tile, concrete, paver brick & Quarry tile	Goggles, Gloves & long sleeves
liquid	Diversey	Prominence Floor Cleaner	5 Liter	94996458	Network/Is soap	Yes	GSC	resilient tile, concrete, paver brick & Quarry tile	Goggles, Gloves & long sleeves
liquid	Diversey	Breakdown Odor Eliminator	2.5 Liter	95773791	Network/Is soap	No		sink drains, wash basins, shower stalls & trash containers	Goggles
liquid	Diversey	Breakdown Odor Eliminator	1.5 Liter	100979444	Network/Is soap	No		sink drains, wash basins, shower stalls & trash containers	Goggles
granular	Diversey	Neutralizer Conditioner	.5oz Packets	990685	Network/Is soap	Yes	GSC	Resilient and Hard Floors or carpets	Goggles, gloves
liquid	Diversey	Pro Strip SC	5 Liter	95547312	Network/Is soap	Yes	GSC	Asphalt, VCT, Vinyl	Goggles, gloves
liquid	Diversey	Oxivir TB ready to use	Quart	4277285	Network/Is soap	No	EPA Registered	disinfectant	Goggles, gloves
liquid	Diversey	Virex II 256	2.5 Liter	4329	Network/Is soap	No	EPA Registered	Deodorizer, Detergent & Disinfectant	Goggles, Gloves, chemical resistant clothing
liquid	Diversey	Virex II 256	1.5 Liter	3062637	Network/Is soap	No	EPA Registered	Deodorizer, Detergent & Disinfectant	Goggles, Gloves, chemical resistant clothing
liquid	Diversey	Crew Bathroom Cleaner	2.5 Liter	93172650	Network/Is soap	Yes	GSC	Restrooms & showers	Goggles, Gloves & chemical resistant clothing
liquid	Diversey	Crew Bathroom Cleaner	1.5 Liter	93145310	Network/Is soap	Yes	EPA Registered	Restrooms & showers	Goggles, Gloves & chemical resistant clothing
wipes	Claire	Stainless Steel Wipes	70 Wipes	9422-0000	Network/Is soap	No		Stainless Steel, copper, chrome & aluminum	not normally needed
liquid	Diversey	Alpha HP	2.5 Liter	3401512	Network/Is soap	Yes	GSC	Heavily soiled & greasy surfaces, tile grout & hard floors, carpet spotting	Goggles, gloves
liquid	Diversey	Alpha HP	1.5 Liter	3350727	Network/Is soap	Yes	GSC	Heavily soiled & greasy surfaces, tile grout & hard floors, carpet spotting	Goggles, gloves
liquid	Diversey	General Purpose Spotter	Quart	4192	Network/Is soap	Yes	GSC	General Spotting of Carpet	Glasses, Gloves





Certification	Inventory ID	Product Name	Product Description
Green Seal Certified	GP 19880/01	Bath 2Ply Envision	Tissue
Green Seal Certified	GP 13728	Bath 2Ply Jumbo Jr. Acclaim	Tissue
Green Seal Certified	GP 26200	Paper Roll Brown Envision 625'	Towel
Green Seal Certified	GP 23304	Paper Multifold Brown	Towel
Green Seal Certified	GP 23504	Paper Singlefold Brown	Towel
Green Seal Certified	GP 89480	enMotion Roll Towel 800' Brown	Towel
	G-4300-L	30.5 x 43 Blue Rack Bag	Liner
	P-3310-DC	24x32 Light Wt Clear - Small	Liner
	P-4015-C	33x39 Medium Clear - Medium	Liner
	P-4930-XC	40x46 Heavy Clear - Large	Liner
Green Seal Certified	P-S7134	40x46 Heavy Blue - Large	Liner
Green Seal Certified	BS-4046	Large Green Compostable 40x46	Liner
Green Seal Certified	BS-3036	Medium Green Compostable 30x36	Liner
		Toilet Seat Cover	Seat Cover
		Liner Wax F/Disposal	Sanitary
	6472-0000	EnMotion Gentle Foam Soap	Soap
	42711	Thick Pink Hand Lotion Soap	Soap
	1H041	Gojo Lotion Soap w/ Moisturizers	Soap
	2117-08	EnMotion Pacific Garden	Soap
	43711	One Shot Lotion Soap 4/800ml	Soap
	401311		

