



Facility Services



CLEANING
MANAGEMENT
CONCEPTS
LLC®

It's A Revolution...

Cleaning Change Solutions

RMA September 2018

Keys To Success

Buy-In: Support from building level to Cabinet level

Bite Size Chunks: Build success on success one chunk at a time

Patience: It is a REVOLUTION after all

SUMMARY 08.01.2018

NAU HPTC Rollout	Phase 1 & Phase 2	Phase 3	Phase 4	Phase 5	Total to date
Graduated CTS - Level One	12	16	21	25	74
Buildings Launched	6	16	5	3	30
GSF	460,740	581,906	668,566	611,523	2,322,735
Attendees excused	1	2	0	2	5
FTE Assigned	12	15.5	12	10	49.5



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HOW TO ACHIEVE CLEANING CHANGE SOLUTIONS™



STEP 1

Initial Assessment

Establish a baseline with stakeholders with a focus on people, processes, appearance, and logistics



STEP 2

Workload and Supply

Create the strategic plan customized to buildings and the specific cleaning needs with a focus on level of service



STEP 3

Training of workers

Train cleaning workers filling the gap on training they have not received specific to workload tools and equipment



STEP 4

Start Up Support

Hands on training with cleaning workers mitigating overwhelm in times of change. Stability improvement for the process



STEP 5

Leadership Training

Create sustainability and stability throughout the system. New narrative to all levels mapped out from beginning to end



STEP 6

Culture Change

Culture mapping to identify ideal vs. reality Empower workforce to new expectation.. Convert from defect management to process management



STEP 7

Quality Assessment

Recap previous steps to identify opportunity for continuous improvement focused on people, processes, logistics and appearance

P1 Before



P3 Tools and Equipment - Before





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- Team 6 - School of Informatics
- Team 6 - Institute for Human Dev
- Team 6 - Info Tech Annex
- Team 6 - Applied Research
- Team 6 - Eastburn
- Team 6 - Information Systems

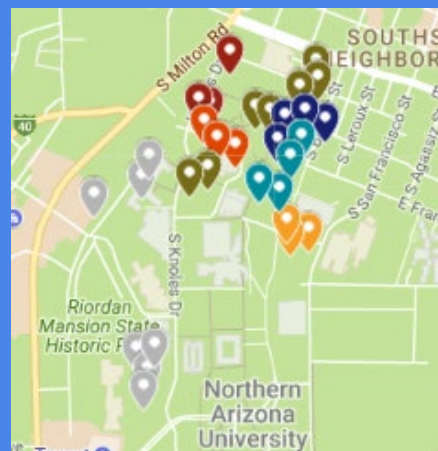
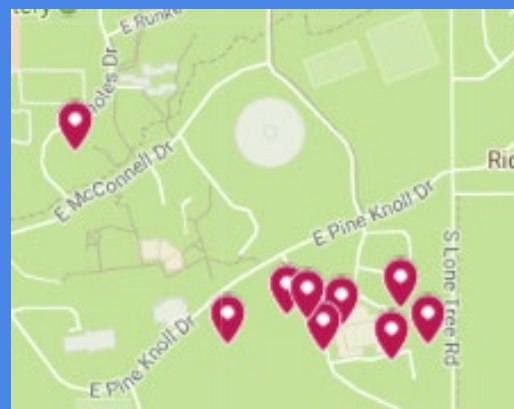
- Team 9 - HRM
- Team 9 - Eugene M Hughes Hotel and R...
- Team 9 - Hospitality Resource Center (#...

- Team 10 - Old Main | NAU
- Team 10 - Ashurst Auditorium
- Team 10 - Prochnow Auditorium

- Team 11 - University Marketing and Oper...
- Team 11 - Riles Building
- Team 11 - Communication | NAU

- Team 13 - South Beaver School
- Team 13 - Physical Sciences
- Team 13 - Science Annex (#20)
- Team 13 - Liberal Arts

- Team 14 - Biological Sciences
- Team 14 - Biological Sciences Annex
- Team 14 - Peterson Hall
- Team 14 - Babbitt Academic Annex
- Team 12 - Bury Hall
- Team 12 - Science Lab Facility
- Team 12 - Centennial Building
- Team 12 - Wettaw Biology and Biochemi...
- Team 12 - Adel Mathematics
- Team 12 - Native American Cultural Cent...



- Team 16 - Babbitt Administrative Center
- Team 16 - Facilities Services
- Team 16 - Ceramics Complex
- Team 16 - Greenhouse
- Team 16 - Sculpture Studio
- Team 16 - Bus Barn
- Team 16 - KNAU
- Team 16 - CECMEE Field Stations
- Team 16 - Snake Pit

Pilot One Restroom and Light Duty Workloading

RAU Pilot One RR Mon Jul 17 – Fri Jul 21, 2017 (Eastern Time)

	Mon 7/17	Tue 7/18	Wed 7/19	Thu 7/20	Fri 7/21
12pm					
1pm					
2pm					
3pm	Check In at SW Forest	Check In at SW Forest	Check In at SW Forest	Check In at SW Forest	Check In at SW Forest
4pm	Forestry - Daily Clean Restrooms @ Detail Clean 3rd Floor 3:15pm - 5:45pm	Forestry - Daily Clean Restrooms @ Detail Clean 2nd floor 3:15pm - 5:45pm	Forestry - Daily Clean Restrooms @ Detail Clean Ground Floor 023 & 022 3:15pm - 5:45pm	Forestry - Daily Clean Restrooms @ Detail Clean 036, 037, 038 3:15pm - 5:45pm	Forestry - Daily clean all restrooms @ No Detail 3:15pm - 5pm
5pm	BREAK	BREAK 5pm - 5:15pm	BREAK 5pm - 5:15pm	BREAK 5pm - 5:15pm	BREAK 5pm - 5:15pm
6pm	SBS West - Daily Clean Restrooms @ Detail 3rd floor - 205A & 2000 5:45pm - 8:45pm	SBS West - Daily Clean Restrooms @ Detail - 3rd floor 204 & 200D & 200E 5:45pm - 8:45pm	SBS West - Daily Clean Restrooms @ Detail Clean 106A, 114A, 100E 5:45pm - 8:45pm	SBS West - Daily Clean Restrooms @ Detail Clean 8C, 8A 5:45pm - 8:45pm	SBS West - Daily Clean Restrooms @ No Detail 5:30pm - 7pm
7pm	LUNCH 7pm - 8pm	LUNCH 7pm - 8pm	LUNCH 7pm - 8pm	LUNCH 7pm - 8pm	LUNCH 7pm - 8pm
8pm					
9pm	Frankie - Daily Clean Restrooms @ Detail 4th Floor 8:45pm - 11:50pm	Frank - Daily Clean Restrooms @ Detail 2nd floor 8:45pm - 11:50pm	Frankie - Daily Clean Restrooms @ Detail 2nd Floor 8:45pm - 11:50pm	Frankie - Daily Clean Restrooms @ Detail 1st Floor 8:45pm - 11:50pm	
10pm	BREAK 10pm - 10:10pm	BREAK 10pm - 10:10pm	BREAK 10pm - 10:10pm	BREAK 10pm - 10:10pm	BREAK 10pm - 10:10pm
11pm	Clean EQ	Clean EQ	Clean EQ	Clean EQ	PROJECT WORK @ See Team Lead for Project

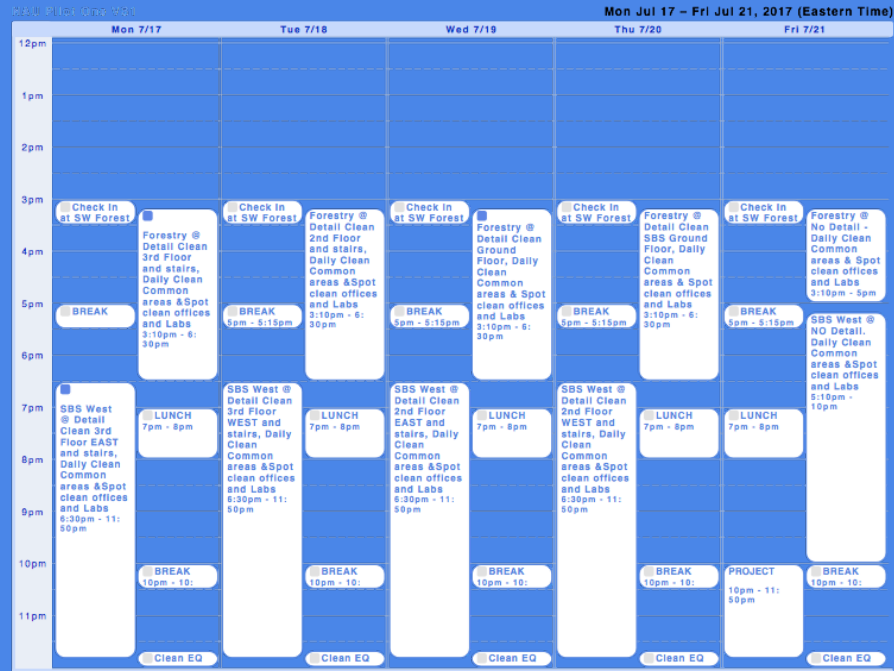
Restroom - 5 day schedule

MSU Pilot One LD Mon Jul 17 – Fri Jul 21, 2017 (Eastern Time)

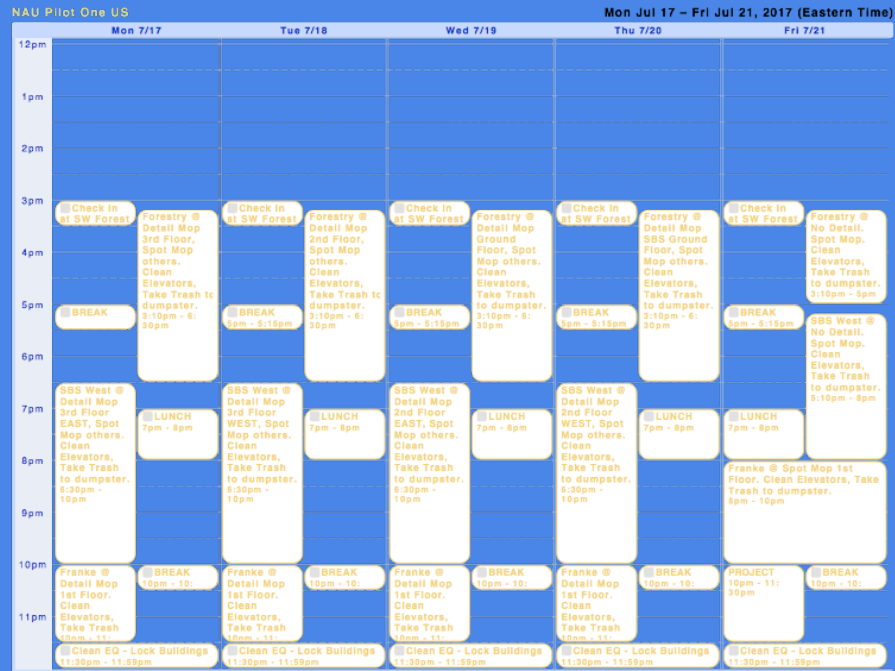
	Mon 7/17	Tue 7/18	Wed 7/19	Thu 7/20	Fri 7/21
12pm					
1pm					
2pm					
3pm	Check In at SW Forest	Check In at SW Forest	Check In at SW Forest	Check In at SW Forest	Check In at SW Forest
4pm	Forestry @ Detail Clean 3rd Floor, Daily Clean Common areas & Spot clean offices and Labs 3:10pm - 6:30pm	Forestry @ Detail Clean 2nd Floor, Daily Clean Common areas & Spot clean offices and Labs 3:10pm - 6:30pm	Forestry @ Detail Clean Ground Floor, Daily Clean Common areas & Spot clean offices and Labs 3:10pm - 6:30pm	Forestry @ Detail Clean SBS Ground Floor, Daily Clean Common areas & Spot clean offices and Labs 3:10pm - 6:30pm	Forestry @ No Detail - Daily Clean Common areas & Spot clean offices and Labs 3:10pm - 5pm
5pm	BREAK	BREAK 5pm - 5:15pm	BREAK 5pm - 5:15pm	BREAK 5pm - 5:15pm	BREAK 5pm - 5:15pm
6pm	SBS West @ Detail Clean 2nd Floor EAST, Daily Clean Common areas & Spot clean offices and Labs 6:30pm - 11:50pm	SBS West @ Detail Clean 3rd Floor WEST, Daily Clean Common areas & Spot clean offices and Labs 6:30pm - 11:50pm	SBS West @ Detail Clean 2nd Floor EAST, Daily Clean Common areas & Spot clean offices and Labs 6:30pm - 11:50pm	SBS West @ Detail Clean 2nd Floor WEST, Daily Clean Common areas & Spot clean offices and Labs 6:30pm - 11:50pm	SBS West @ NO Detail, Daily Clean Common areas & Spot clean offices and Labs 5:10pm - 10pm
7pm	LUNCH 7pm - 8pm	LUNCH 7pm - 8pm	LUNCH 7pm - 8pm	LUNCH 7pm - 8pm	LUNCH 7pm - 8pm
8pm					
9pm					
10pm	BREAK 10pm - 10:10pm	BREAK 10pm - 10:10pm	BREAK 10pm - 10:10pm	BREAK 10pm - 10:10pm	PROJECT 10pm - 11:50pm
11pm	Clean EQ	Clean EQ	Clean EQ	Clean EQ	Clean EQ

Light Duty - 5 day schedule

Pilot One Vacuum and Utility Workloading



Vacuum - 5 day schedule



Utility - 5 day schedule

Thursday 11/23

GMT-05

Time Slot	SBS	Dubois	Nursing	LRC
4am - 6am	4 - Check In	4 - Check In	4 - Check In	4 - Check In
6am - 8am	6 - BREAK	6 - BREAK	6 - BREAK	6 - BREAK
8am - 10am	8 - 9 Nursing Detail Mop 1st Floor	8:30 - 11 Dubois Detail Clean Basement floor, Daily Clean Common areas & Spot clean Labs.	8:30 - 11 Nursing Detail Clean 2nd floor Side, Daily Clean Common areas & Spot clean Labs.	8:30 - 11 Dubois Detail Clean 2nd floor Side, Daily Clean Common areas & Spot clean Labs.
10am - 12pm	10 - 11 Nursing - Daily Detail Clean 2nd floor	10 - 11 Dubois Spot Mop. Clean Elevators	10 - 11 Dubois Spot Mop. Clean Elevators	10 - 11 Dubois Spot Mop. Clean Elevators
12pm - 2pm	12:40p - Clean EQ	12:40p - Clean EQ	12:40p - Clean EQ	12:40p - Clean EQ

P3 Workloading Team 3 Light Duty & Vacuum Specialist

Thursday 11/23			
GMT-05			
4am	4 - Check In	4 - Check In	4:10 – 8:30 SBS Detail Clean 3rd floor, Daily Clean Common Labs.
5am			4:10 – 8:30 SBS Detail Clean 3rd floor, Daily Clean Common areas & Spot clean offices and Labs.
6am	6 - BREAK	6 - BREAK	
7am			
8am			
9am	8:30 – 11 Nursing Detail Clean 2nd floor North Side, Daily Clean offices and Labs.	8:30 – 11 Nursing Detail Clean 2nd floor North Side, Daily Clean offices and Labs.	9 – 10 LUNCH
10am			
11am	11 - BREAK	11 - BREAK	11:10 – 12:40p LRC Detail Clean 126 - 139, Daily Clean Common and Labs.
12pm			11:10 – 12:40p LRC Detail Clean 126 - 139, Daily Clean Common areas & Spot clean offices and Labs.
1pm	12:40p - Clean EQ	12:40p - Clean EQ	

Tools and Equipment - Pilot One After





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Pilot 1 & 2 Training - Team Cleaning Skills Level One



P5 Training - Team Cleaning Skills Level One





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P3 Tools and Equipment - "It's go Time"



Restroom Specialists Tools and Equipment

Logistics - Pilot One After





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P4 Training - Team Cleaning Skills Level One





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STEP 7

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Culture

Attitudes

Beliefs

Behaviors

Values

Pride





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STEP 7

Quality Assessment

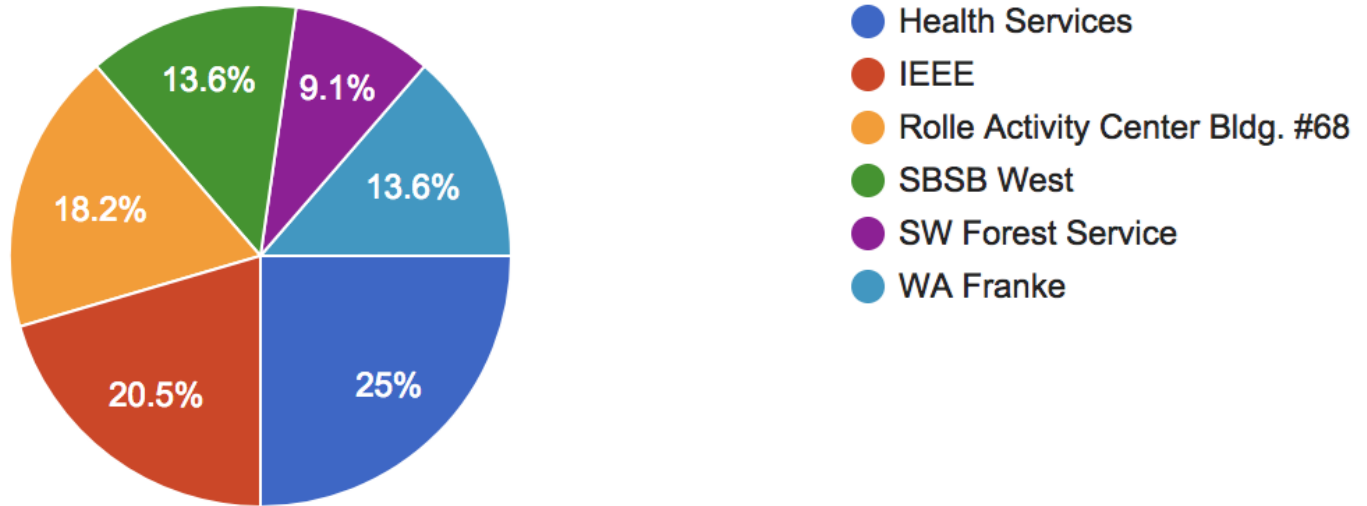
Recap previous steps to identify opportunity for continuous improvement focused on people, processes, logistics and appearance



P1 & 2 Quality Assessments Completed (90 days later)

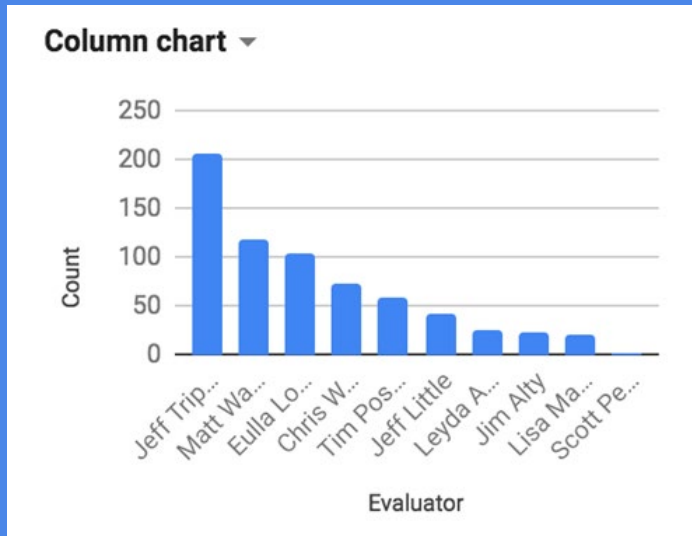
Building

44 responses



Quality

Evaluator	Count
Jeff Triphahn	207
Matt Wallace	119
Eulla Locket	103
Chris Wallace	73
Tim Poskin	59
Jeff Little	41
Leyda Abbott	26



November 2017 - July 30th, 2018

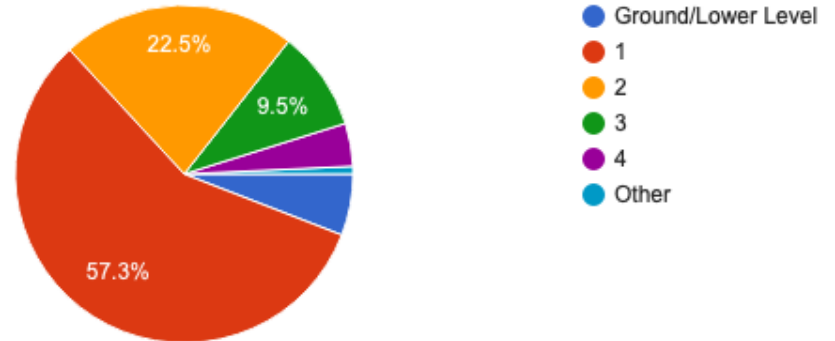
Quality

HLC	
Date	Average
7/4/2018	2.75
7/18/2018	2.38
7/25/2018	2.45
1 = best, 5 = worst	

Union	
Month	Average
June	2.35
July	2.32
1 = best, 5 = worst	

Floor?

681 responses





Facility Services

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We help you implement Cleaning Change Solutions™

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