



Industrial User Facility Inspection Report

U.S. EPA, Region 8

Name of industry and location:

Service Uniform Rental
2580 South Raritan Street
Englewood, CO 80110

Control Authority / NPDES Permit No.

South Platte Renew (SPR)
NPDES Permit No. CO-0032999

IU – NPDES ID

COPIU002H

Date of visit:

June 25, 2025

Approximate Time of visit:

1030 - 1200

Name(s) / Affiliation / email of inspector(s):U.S. EPA:

Al Garcia, garcia.al@epa.gov

SPR:

- Maureen Mulcahy mmulcahy@englewoodco.gov
- Jon Bridges jbridges@englewoodco.gov
- Heather Hurtado hhurtado@englewoodco.gov
- Emma Hebert ehbert@englewoodco.gov

General Facility Information:Representatives at Inspection:

- Brian Mast – Plant Manager, bmast@serviceuniform.com
- Ron Wolanin, General Manager, rwolanin@serviceuniform.com
- Todd Mehall, consultant, TDMA
- Jeremy Morgart, consultant, TDMA <mailto:Hollmann.mattew@dystar.com>

Type of Business Operations:

- Uniform Rental and Industrial Laundry – uniforms, cotton garments, shop towels, mats, FRC clothing, mops

Facility Information:

- 150 employees
- five days/week, (Monday through Friday), two shifts.
 - Monday (1 p.m. to 12 a.m.)
 - Tuesday through Thursday (4 a.m. to 12 a.m.)

Inspection Description:

Al Garcia from the U.S. Environmental Protection Agency (EPA) and Maureen Mulcahy, Jon Bridges, Heather Hurtado, and Emma Hebert from SPR conducted a significant industrial user (SIU) inspection of the Service Uniform Rental facility (facility) located at 2580 South Raritan Street, Englewood, CO 80110. The SIU inspection was conducted as part of the EPA Pretreatment Audit of the SPR's Publicly Owned Treatment Works (POTW)

and EPA-approved Pretreatment Program. The inspection of the facility provides current conditions of the facility's unit operations and consisted of an evaluation of the waste streams generated from the unit operations, management of these waste streams, including potential for spills and slug discharges. The facility discharges process wastewater from the industrial laundry operations to the sewer collection system leading to the SPR's POTW.

Upon arriving at the facility on June 25, 2025, at approximately 1030, Al Garcia of the EPA presented credentials to the facility representatives and explained the purpose of the inspection. During the opening interview, the facility representatives provided an overview of the operations and processes at the facility, waste streams generated, and the management/discharge of these waste streams. The opening interview was followed by a facility tour to visually inspect the unit operations. The EPA conducted a closing conference to discuss potential findings and recommendations identified during the inspection.

Process Description:

The facility, located at 2580 South Raritan, Englewood, CO 80110, is an industrial laundry that owns and rents uniform and other cotton garments for use by customers in Metro Denver. The facility owns a fleet of trucks and has about 24 routes in which the trucks deliver uniforms, shop towels, mats, mops to customers and pick up soiled materials for laundering. The facility may also repair the uniforms or white cotton garments, as needed. The facility has 150 total employees and operates two shifts from Monday through Friday. The Google Maps view of the facility is shown in Figure 1.



Figure 1 – Service Uniform Rental - Google Maps View

Chemical and Raw Materials Storage –

The facility receives soiled materials into its receiving area located on the south side of the building. Detergents and other chemical supplies are received primarily on the southeast corner of the building. The facility has two 1,250-gallon bulk storage tanks that contain alkali and detergent used in the laundering process. These chemicals are received through delivery trucks and are transported to the tanks with hose connectors located outside the raw materials receiving door. These chemicals are transferred from the bulk storage tanks to 200-gallon day tanks, located behind the washers. According to Mr. Mast, the chemical day tanks contain capacity to supply the washers for about two days. The day tank detergent and alkali are metered into the six washers as the program calls for them during the industrial laundering cycle.

The other chemicals are received in 55-gallon drums loaded onto pallets and are moved to their storage or use location by forklifts. These chemicals are used in the washers and are delivered via flexible piping to each washer.

- Detergent
- Detergent booster
- Conditioner
- Bleach
- Sour

Based on the type of operations, there are potential for chemical spills to enter the trench drain leading to wastewater treatment. Management of spills are addressed in the facility's spill/slug discharge control plan.

Industrial Laundering Operations

The facility receives the soiled materials from the routes in the receiving area located on the south side of the building. The soiled material goes through a sorting process for the type of soiled material (uniforms/white cotton garments/mats). Once sorted, the soiled materials are loaded into large transfer bags that are weighed and hung in an overhead conveyor system. The sorting operator stages the bags, according to the type of soiled material for the washers.

The facility has eight industrial washers and one pony washer that operate 20 hours/day and approximately 15 washing cycles per production day. The operator will transport the soiled material in the transport bags and will start the washer program appropriate for that material. The washer program automatically establishes the washing/rinse cycles and the type of detergents/alkali and other chemicals. The washers discharge wastewater from the wash and rinse cycles to the conveyance trench located beneath the washers. The trench conveys wastewater to the wastewater treatment system.

Washer #4 in the facility is dedicated to washing shop towels. According to Mr. Mast, the facility typically washes three to four shop towel loads per day. The washer has a dedicated program for these materials and discharges wastewater generated from the shop towel cycles to a dedicated trench drain that conveys this wastewater to a holding tank for shop towel wastewater. Washer #3 is a backup washer for shop towels and can be programmed to accommodate these materials, however, washer #3 is not hard piped to the shop towel trench and needs to be connected with flexible piping, according to Mr. Mast. Note: the route drivers are trained to not accept saturated shop towels to minimize liability from accepting heavily soiled towels.

The washed materials are dried in one of four large dryers or the small pony dryer. The towels and mats are dried completely and are sent to a clean area for mat rolling or towel bagging. These are staged and loaded into route trucks prior to delivery. The uniforms and white garments are conditioned in the dryer, that is, not dried completely to aid in further processing. These garments are sent through a steam tunnel and are sorted to the company and stored for delivery.

Wastewater Management –

The wastewater generated from the washers are directly discharged to a trench running underneath all washers and leading to pit #1 of the wastewater treatment system. The shop towels wastewater is discharged directly into a constructed trench leading this wastewater to the 800-gallon holding tank for the Norchem treatment system. The shop towel wastewater is sent to a shaker for lint removal and through a filtration system using a pressurized tank system. The filters are backwashed as needed and the backwash wastewater is sent to pit #1 of the wastewater treatment system. The filters wastewater is sent to the Norchem wastewater treatment system consisting of ceramic membranes to remove oil. The oil is collected and pumped to a holding tank and hauled off-site by Environmental Works two to three times per week. The wastewater from the Norchem unit is pumped to pit #1, where it joins the wastewater from the non-shop towel wash/rinse cycles.

The wastewater in pit#1 is mixed and pumped to a shaker screen for lint removal, through a heat-exchange manifold and then to pit #2. The pits are cleaned on a schedule by Environmental Works. The wastewater from pit #2 is pumped through monitoring point 001 for discharge to the City. Flow and pH are continuously monitored at MP 00.

EPA Classification of the Industrial User

Based on observations and information received during the inspection, Service Uniform Rental is categorized as an industrial user generating wastewater subject to the standards and conditions found in Title 12, Chapter 2, Division 5 of the City of Englewood Pretreatment Ordinance.

Summary of Findings

Service Uniform Rental
NPDES ID# COPIU002H
June 25, 2025

Pretreatment Inspection Findings	Follow up Action Items
No corrective action items identified.	No corrective action items identified.

Report Review and Signature		
Drafter Name	Address/Phone Number	Date
Al Garcia	U.S. EPA Region 8 1595 Wynkoop Street 8WD-CWW Denver, Colorado 80202 303-312-6382	06/30/2025
Reviewer Name	Address/Phone Number	Date
Akash Johnson	U.S. EPA Region 8 1595 Wynkoop Street 8ENF-W-NP Denver, Colorado 80202 303-312-6067	07/03/2025
Supervisor Signature/Name	Address/Phone Number	Date
	U.S. EPA Region 8 1595 Wynkoop Street 8WD-CWW Denver, Colorado 80202	07/07/2025
Michael Boeglin	303-312-6250	