



EASTERN WASHINGTON UNIVERSITY

SOLID WASTE CONTROL PLAN (SWCP)

State Waste Discharge Permit Number ST-8098

Date

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Prepared For

Eastern Washington University (EWU)

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Introduction

This Solid Waste Control Plan (SWCP) is intended to meet the requirements of Eastern Washington University's (EWU) State Waste Discharge Permit Number ST-8098 Section S7.C. This plan must include all solid wastes and food services solid wastes with the exception of those solid wastes regulated by Chapter 173-303 (Designation of Dangerous Waste) of the Washington Administrative Code (WAC).

Six facilities are included in this SWCP: the Rozell Building, University Recreation Center, Tawanka Hall, Pence Union Building (PUB), Science Building and Interdisciplinary Science Center (ISC). This SWCP will describe the wastes, sources, generation rates, and disposal methods of each facility's wastes.

Contingency Plan

EWU's "Hazardous Chemical Spill Cleanup Guidelines" and "Chemical Hygiene Plan" documents how personnel are to handle any chemical spills or hazardous materials should an emergency occur. All spills or emergency situations are coordinated EWU's Environmental Health & Safety (EH&S) Department and any other applicable standards that are in place.

EWU's numerous agreements with certified contractors allow the University to utilize multiple contractors for the disposal of any solid waste generated by the University. Should a particular contractor no longer be able to properly dispose of waste then EWU can contract with a different company.



Solid Waste Inventory

Table 1 designates each type of solid waste generated by the site, a description of how each type of waste is handled and disposed of, and an estimate of the annual generation of each solid waste. EWU does not specify, nor record, each and every waste quantity from each building. Some solid waste types do not have a recorded annual generation. Records indicate that the five buildings included on the Permit produce about 50% of the campus' total trash. For this table, it is assumed that the five buildings produce 50% of all recycled metal, lead, and compressor units. For all other recycled waste, it is assumed the remaining campus buildings account for a larger share of the volume, which are common recyclables like paper, plastic, and glass. To account for this, Table 1 values represent a recycled amount equal to 25% of the annual campus total. Also, the table refers to "certified contractors" as the entity that disposes or recycles any solid waste generated by the site. A list of the appropriate contractors is included in the next section.

Table 1: Solid Waste Inventory Table

Solid Waste Type	Treatment, Handling & Disposal Methods	Generator*	Annual Generation	Units
Asbestos	Handled by EH&S and asbestos supervisors of building maintenance as a regulated asbestos waste prior to disposal offsite by a certified contractor for large projects and EWU asbestos supervisors for small projects.	1	Not recorded in 2022.	
		3		
Aerosol Cans & Gas Cylinders	Collection points are found throughout campus at points of generation. Handled by EH&S and stored at the hazardous materials building for segregation, collection and either disposal by hazardous waste contractor or recycling by certified contractor.	1	Not recorded in 2022.	
		5		
Aluminum	Stored at each building in 50 gallon bins before collection and recycling by certified contractor.	1	2,763	lbs
		2		
		3		
		4		
		5		
		6		
Batteries	Stored at each building in 5 gallon buckets before collection by Environmental Health & Safety (EH&S). EH&S stores in hazardous materials building prior to collection and recycling by certified contractor.	1	Not recorded in 2022.	
		2		
		3		
		4		
		5		
		6		
Biowaste	Collected by custodial staff and stored at hazardous materials building for offsite disposal by certified contractor. Biowaste generated by Biology is autoclaved and disposed in the general trash.	2	Not recorded in 2022.	
		5		
		6		



Cardboard	Stored on-site in one of three dumpsters (4 cubic yards each) before collection and recycling by certified contractor. Buildings 1 and 5 use handheld size containers for storage. Buildings 2, 3, 4, and 6 each have a dumpster.	1	40	tons
		2		
		3		
		4		
		5		
		6		
Chemical Waste	Chemical Waste is Handled by EH&S and stored at hazardous materials building for offsite disposal by certified contractor.	1	Not recorded in 2022.	
		5		
		6		
Compost (Food scraps)	Compost (food scraps) stored in 50 bins (approx. 30 gallon bin volume) on-site before collection and removal by certified contractor.	2	80	STons
		3		
		4		
Compressor Units (Refrigerators, A/Cs, Drinking Fountains)	Stored in Industrial Yard (located at NW corner of campus) until capacity is reached then EWU transports Units to certified contractor for recycling.	1	970	lbs
		2		
		3		
		4		
		5		
		6		
Copy Paper, Newspaper, Magazines, Books, Shredding, Mixed	Stored at each building in bins (50 gallon bin volume) before collection and recycling by certified contractor. Building 1 - two bins, Buildings 2 & 3 - four bins each, Building 4 & 5 - twelve bins each, Building 6 - 8 bins per floor.	1	27	tons
		2		
		3		
		4		
		5		
		6		
Fluorescent Light Bulbs	Collected by the electric shop from all over campus and transferred to the universal waste storage building. Light bulbs are handled as universal waste and are collected by certified contractor for recycling.	1	Not recorded in 2022.	
		2		
		3		
		4		
		5		
		6		
Glass (Recycled)	Stored at each building in 50 gallon bins before collection and recycling by certified contractor.	1	6	tons
		2		
		3		
		4		
		5		
		6		
Glass (from Labs)	Broken laboratory glass is securely stored in lab packing boxes before being placed in trash dumpsters.	5	Not recorded in 2022.	
Grease	Grease remains in grease traps until pumped and disposed of by certified contractor. Pumped six times	2	240	tons



	per year from known locations (URC, PUB, TAWANKA). Cooking grease also stored in 200 gallon above ground storage tanks before collection and removal by certified contractor. Assume density of grease equals seven pounds per gallon.	3		
		4		
Ink Cartridges	Unusable cartridges are stored by EH&S until capacity is reached then EWU transports Units to certified contractor for recycling. Spent cartridges are mailed back to purchasing and routed to Office Depot for recycling/reuse.	1	Not recorded in 2022.	
		2		
		3		
		4		
		5		
		6		
Lead	Handled by EH&S and stored in hazardous materials building prior to collection by certified contractor.	5	Not recorded in 2022.	lbs
Mercury	Handled by EH&S and stored at hazardous materials building prior to collection by certified contractor for recycling.	5	Not recorded in 2022.	
Metal	Scrap metal (file cabinets, hand rails, door knobs, etc.) is stored in a 20 yard bin at the Industrial Yard prior to collection and recycling by certified contractor.	1	21	tons
		2		
		3		
		4		
		5		
		6		
Oil Containers	Handled by the Auto Shop as a hazardous material and stored at the Auto Shop. Disposal is in accordance with Auto Shop policies.	1		
Plastic	Stored at each building in 50 gallon bins before collection and recycling by certified contractor.	1	7	tons
		2		
		3		
		4		
		5		
		6		
Radioactive Waste	Stored for decay and general disposal (if not a hazardous waste then it is placed in the dumpster). Longer lived isotopes are stored until collected for disposal by certified contractor, or shipped back to the manufacture by EH&S.	5	Not recorded in 2022.	
Sharp Items	Collected by custodial staff and stored at hazardous materials building for offsite disposal by certified contractor if sharp items are biowaste or chemical waste. If sharp items are clean, general garbage, items are collected and stored in hardened containers and disposed.	1	Not recorded in 2022.	
		5		
Trash	Stored in 35 dumpsters (4 cubic yards each) before EWU collects and compacts trash at EWU-owned compactor. Compacted trash is stored in a 40 cubic	1	400	tons
		2		



	yard container prior to removal by City of Cheney Solid Waste. Buildings 1 & 2 - two dumpsters, Buildings 3 & 5 - 1 dumpster, Building 4 - three dumpsters, Building 6 - 2 dumpsters and 16 bins.	3		
		4		
		5		
		6		
Wood	Pallets are collected and stored at the Industrial Yard in a 20 yard dumpster prior to collection by certified contractor for recycling.	2	15	STons
		3		
		4		
<p>The following number key represents the location at which the solid waste is generated:</p> <ol style="list-style-type: none"> 1. Rozell Building 2. University Recreation Center 3. Tawanka Hall 4. Pence Union Building 5. Science Building 6. Interdisciplinary Science Center 				



Solid Waste Disposal Contacts

EWU contracts the disposal of solid waste generated on-site with certified contractors. The following is a list of those contractors:

American On-Site Services:

Waste Collected: Wood
Telephone: (509) 244-8404
Address: 3808 N. Sullivan Rd., Bldg. 107
Spokane Valley, WA 99216

Northwest Biofuels:

Waste Collected: Grease
Telephone: (509) 927-4548
Address: 9610 E. Montgomery Ave.
Spokane Valley, WA 99206

American Recycling Corporation:

Waste Collected: Metal
Telephone: (509) 535-4271
Address: 6203 E. Mission Ave.
Spokane Valley, WA 99212

Rapid Refill:

Waste Collected: Ink Cartridges
Telephone: (509) 892-0400
Address: 1521 N. Argonne Rd.
Spokane Valley, WA 99212

Barr-Tech:

Waste Collected: Compostable materials, Wood
Telephone: (509) 939-6063
Address: P.O. Box 22
9117 N. Kallenberger Rd.
Spokane, WA 99032

Spokane Recycling Products, Inc.:

Waste Collected: Aluminum Cans, Plastic Drink
Containers, Newspapers, Copy
Paper, Cardboard, Glass
Telephone: (509) 535-0284
Address: 3407 E. Main Ave.
Spokane, WA 99202

City of Cheney's Solid Waste Division:

Waste Collected: Trash
Telephone: (509) 498-9293
Address: 112 Anderson Rd.
Cheney, WA 99004

Stericycle

Waste Collected: Biowaste, sharp items (medical
waste)
Telephone: (866) 783-7422
Address: 4010 Commercial Ave.
Northbrook, IL 60062

CleanHarbors

Waste Collected: Hazardous Waste (Mercury,
Lead, Light Tubes, Asbestos)
Telephone: (206) 429-9100
Address: 19320 Des Moines Memorial Drive
Seattle, WA 98148

Thomas Gray & Associates

Waste Collected: Radioactive Waste
Telephone: (714) 997-3561
Address: W 1205 Barkley
Orange, California 92868

Earthworks Recycling:

Waste Collected: Batteries, Refrigerators, Air
Conditioners, Drinking
Fountains (and any other item
with a compressor)
Telephone: (509) 534-1638
Address: 1904 E. Broadway Ave.
Spokane, WA 99202

Ecolights Northwest

Waste Collected: Light Tubes
Telephone: (206) 343-7443
Address: 1915 South Corgiat Dr
Seattle, WA 98108