

Oklahoma Department of Environmental Quality Draft Approval and Conditions for a Hazardous Waste Transfer Station

The Department of Environmental Quality (DEQ) hereby approves the Development and Operations Plan (D&O Plan) for the following facility:

Facility: Stericycle Specialty Waste Solutions, Inc. (SSWSI)
EPA ID: OKD987084068,
Facility Type: Hazardous Waste Transfer Station
City: Tulsa
County: Tulsa

Effective Date: x/y/z

Expiration Date: x/y/z + 10 years The D&O Plan will expire in ten (10) years from the date of approval. [OAC 252:205-15-2(a)(2)(B)]

Approval: On April 29, 2015 SSWSI submitted a D&O Plan in accordance with Oklahoma Administrative Code (OAC) 252:515-15-2(a). SSWSI may operate a hazardous waste transfer station in compliance with OAC 252:515-15 and the approved D&O Plan.

OPERATING CONDITIONS:

A. A copy of the approved D&O Plan, including attachments, is to be maintained at the facility.

B. Waste Consolidation.

In situations when consolidation of hazardous waste exceeds the levels outlined in 40 CFR 262.34(a) and (b), SSWSI shall be considered the generator of the waste.

C. Hours of Operation [OAC 252:205-15-2(b)(2)(C), D&O Plan Attachment 1, Section 2.3]

SSWSI is typically open Monday through Friday from 8:00 AM to 5:00 PM, excluding company specified holidays. However, due to demands of emergency response and facility production requirements, SSWSI can operate 24 hours per day, seven days per week. SSWSI may receive non-emergency response deliveries outside of normal business hours with prior notice.

D. Truck and Equipment Cleaning [OAC 252:205-15-2(b)(2)(G) and D&O Application Section 5.6]

In the event equipment or tools need decontamination at SSWSI, the decontamination activities will occur inside the dock adjacent to Building 1A, or inside Building 6. Small tools may be decontaminated in Building 2 inside the dock or inside Building 6. All decontamination waters will be collected, containerized, labeled, and characterized prior to appropriate off-site disposal.

E. One Year Maximum Holding Time.

No waste may remain onsite for longer than one year from the date it is received.
[252:205-15-2(b)(2)(H)]

F. Radiation.

Any radioactive materials received by SSWSI shall be managed according to all appropriate requirements of the federal Nuclear Regulatory Agency and DEQ's Radiation Management Section. [252:205-15-3(b)]

G. Applicable Solid Waste Regulations [OAC 252:205-15(c), D&O Application 2.2.3, 3.8, and Attachments 7-14]

1. SSWSI shall only accept wastes that are listed in the approved D&O Application. Prohibited wastes include PCB containing waste, regulated medical waste, municipal solid waste and putrescible waste.
2. In addition to Household Hazardous Waste (HHW) from larger collection events, SSWSI can accept HHW from the citizens of the Tulsa metropolitan area.

The general public will park in the main employee parking lot along Southwest Boulevard. They will then enter the facility office and meet with customer service. Customer service will then inspect the HHW, and in conjunction with the facility operations manager (or his designee), instruct the citizen where to proceed so SSWSI personnel can unload the waste. This HHW is stored in the locations stated in the Table 5.2 of the D&O Plan and Section K of this approval.

3. Non-Hazardous Industrial Waste (NHIW) [OAC 252:515-31 and D&O Plan Application Section 3.7]
 - a. SSWSI is required to submit a Non-Hazardous Certification [OAC 252:515-31-3(a)] if:
 - i. Consolidation of multiple NHIW streams that are individually less than 10 cubic yards, result in a total of 10 cubic yards or greater; and
 - ii. The combined NHIW load is disposed of at a Solid Waste Disposal Facility in the State of Oklahoma.
 - b. SSWSI does not dispose of any NHIW onsite and does not have to submit a monthly disposal report to DEQ [OAC 252:515-31-4].

H. Wastes Managed

SSWSI is approved to manage the following wastes (D&O Plan Application Section 3.0)

Conditionally Exempt Small-Quantity Generated (CESQG) Hazardous Waste

Small Quantity Generated (SQG) Hazardous Waste

Large Quantity Generated (LQG) Hazardous Waste

Household Hazardous Waste (HHW)

Universal Waste (UW)

Non-Hazardous Industrial Wastes/Solid Waste (NHIW)

Used Oil (UO)

I. Waste Codes

SSWSI has no restrictions on what hazardous waste codes it can accept.

J. Recycling [OAC 252:515-19-39(a), D&O Application DOP-13]

SSWSI only collects recyclable materials, consolidates like materials, stages them on-site, and transfers them off-site to an authorized third party recycling facility.

Recyclable Material	Consolidation/Storage Location	Recyclable Material Maximum Volume	Holding Time
Scrap Material ¹	B-2 and the Yard outside B-3	Two Roll-Offs (40 Cubic Yards)	Typically 90 Days ⁵
Gas Cylinders ²	B-2 (designated and controlled area)	One Truck Load	Typically 90 Days ⁵
Universal Waste ³	B-2	One 53-Foot Trailer (40 Cubic Yards)	Typically 90 Days ⁵
Used Oil	B-6 (aboveground storage tanks or in portable drums/totes)	15,840 gallons	Typically 90 Days ⁵
Electronics ⁴	B-2	200 units	Typically 90 Days ⁵

1. Ferrous metals (empty drums), non-ferrous metals, compressed gas cylinders (collected for their metal), lead aprons, poly and metal drums, metal bearing solutions (nickel, silver etc.), ink/toner cartridges, paper, and cardboard.
2. Gas cylinders are collected and shipped back to a charging company and refilled.
3. Batteries, mercury containing equipment, and bulbs/lamps.
4. SSWSI collects used electronics such as old televisions, copiers, and other devices to dismantle and consolidate as e-waste. Since the Facility does not actually conduct recycling, nor does it produce, sell, or import covered devices, it is not covered under OAC 252:515-39.
5. SSWSI shall not speculatively accumulate materials for the purposes of recycling. At least 75% of a recyclable material waste stream is transferred off-site for recycling during a given calendar year. Records showing the volume of materials stored at the beginning of the calendar year, materials received during the calendar year, and materials remaining at the end of the calendar year will be utilized to support the 75% rule found in 40 CFR 261.1(c)(8).

K. Waste Handling [From D&O Plan Section 3.0]

Waste Category	SSWSI Activities
10-Day SQG & LQG Hazardous Waste	Transporter only (Transfer Facility as defined in OAC 252:205-1-2)
10-Day SQG & LQG Hazardous Waste	Transfer and consolidate hazardous waste prior to transport to a RCRA permitted TSD facility (Transfer Station as defined in OAC 252:205-1-2)
CESQG Hazardous Waste	90-day storage, consolidation and transfer services
Used Oil	Storage and processing – recovered used oil to subsequent transporter or processor
Universal Waste	Storage and consolidation
Household Hazardous Waste	Generator, storage, consolidation and transfer services
Non-hazardous Industrial Waste	Storage, consolidation and transfer

L. Handling and Processing of Waste [D&O Section Application 5.2]

Typical Waste Category	Site Location (B=Building #) (P= Pad #)	Handling Codes
SQG, LQG, CESQG, UO, UW, Non-haz sludge/wastewater, HHW, and NHIW	All Except B-4 and B-5 ¹	Container Storage
UO, NHIW, HHW	B-6, N-1	Tank/Tanker Storage
SQG, LQG, CESQG, UO, UW, Non-haz sludge/wastewater, HHW, and NHIW	All Except B-4 and B-5 ²	Consolidation ³
NHIW	B-6, P-1 ²	Solidification
UO, CESQG, HHW, non-haz sludge/wastewater	B-2, B-3, B-6	Decanting
Drum Crushing Only	B-3	Other (Compaction)
CESQG, HHW and NHIW	B-2, B-3, B-6	Blending
Non-haz sludge/wastewater	Loading Dock	Heel Removal
Non-haz sludge/wastewater	P-2	Truck Staging Area

1. Containers with free liquids are stored on modular secondary containment pallets in B-1A, B-3.
2. Consolidation of waste with free liquids will be conducted on secondary containment pallets on P-1.
3. In the event that exempt hazardous waste (HHW, CESQG) waste is consolidated with non-exempt hazardous waste (10-day waste), SSWSI will be listed as the generator of the combined/consolidated waste stream on the manifest.

M. Waste Transfer and Bulking Procedures Including Assorted Compatibility Analysis [OAC 252:205-15-2(b)(2)(D)]

Waste transfer and bulking procedures are found in D&O Plan Application Section 5.0 (specifically Section 5.3) and DOP-6 (Waste Analysis Plan Including DOP-6 Attachment 4, The Waste Transfer Bulking, Consolidation and Repackaging SOP).

N. Waste Storage Volumes [From D&O Plan Section 4.10]

BUILDING OR PAD OR OTHER AREA	CONTAINER STORAGE VOLUME	TANK STORAGE VOLUME
B-1A	330 x 55-gallon drum equivalents or 18,150 gallons 120 x 55-gallon drum equivalents or 6,600 gallons	NA
B-2	772 x 55-gallon drum equivalents or 42,460 gallons (includes recyclables)	NA
B-3	144 x 55-gallon drum equivalents or 7,920 gallons	NA
B-4	NA	NA
B-5	NA	NA
B-6	120 x 55-gallon drum equivalents or 6,600 gallons	53,000 gallons
P-1	NA	NA
P-2	NA	Tanker trucks (2 x 4,800 gallons) = 9,600 gallons Short trucks (2 x 2,500 gallons) = 5,000 gallons
N-1 (Facility Roll Off and Bulk Tanker Storage Area)	NA	6 x 53' trailers (88 55-gallon drum equivalents) = 29,040 gallons 3 x box trucks (22 55-gallon drum equivalents) = 3,630 gallons 6 x roll-off boxes (75 55-gallon equivalent) = 24,750 gallons 1 x tanker (4,875 gallons) = 4,875 gallons
TOTAL FACILITY STORAGE CAPACITY	81,730 Gallons	129,895 Gallons

O. Employee Training [OAC 252:205-15-2(b)(3) and D&O Application Sections 6.0, 7.0 and DOP-10]

SSWSI shall ensure that employees receive initial training within six months of the date of hire, and annual refresher training on:

1. The Facility Inspection Plan, and
2. The Contingency Plan

P. Inspections [OAC 252:205-15-2(b)(3) and D&O Application Section 6.3 and DOP-11]

SSWSI shall ensure that properly trained employees conduct the following inspections:

1. Daily Facility Inspections,
2. Weekly Oil Storage Inspections, and
3. Monthly Safety Equipment Checklist

Q. Maintain Closure and Financial Assurance [OAC 252:205-15-2(b)(7) and D&O Application Section 8.0, DOP-14 and DOP-15]

SSWSI must close the facility as required by 40 CFR 264 Subpart G.

SSWSI shall maintain financial assurance as required by 40 CFR 264 Subpart H.

SSWSI is authorized to operate in conformity with the application described above. Commencing operations under this D&O Plan Application Approval constitutes acceptance of, and consent to, the conditions contained herein.

Date: _____

Hillary Young, P.E.
Chief Engineer
Land Protection Division

Date: _____

Kelly Dixon
Director
Land Protection Division