

- c. Pollutants, substances, or wastewater prohibited by this section shall not be processed or stored in such a manner that they could be discharged into the POTW.

## VII. MONITORING REQUIREMENTS

### A. Monitoring Point(s):

PERMITTEE is authorized to discharge wastewater into the City of Sioux Falls sanitary sewer system through the monitoring points listed below:

<i>Monitoring Point</i>	<i>Location and Description</i>
MPRL01	Monitoring Point RL01 will consist of the Emergency Cell Holding Tank Leachate. The monitoring point will be prior to loading leachate into an approved Liquid Waste Hauler.
MPRL02	Monitoring Point RL02 will consist of the leachate from the East Area Leachate Pre-Subtitle D Pond. The monitoring point will be prior to loading leachate into an approved Liquid Waste Hauler.
MPRL03	Monitoring Point RL03 will consist of the leachate from the West Area Leachate Subtitle D Pond. The monitoring point will be prior to loading leachate into an approved Liquid Waste Hauler.

### B. General Self-Monitoring Requirements

1. From the period beginning on the effective date of the SWDP until the SWDP expires, the PERMITTEE shall monitor each of the Monitoring Point(s) for the listed parameters. At a minimum, the PERMITTEE is required to perform collection and analysis of wastewater samples with the frequency and type of measurement indicated. Samples or measurements shall be representative of the discharge during normal operating conditions and shall be taken at the monitoring points specified in this SWDP. Equipment or instrumentation used for self-monitoring must be maintained and calibrated according to the manufacturer's specifications. Maintenance and calibration records must be retained on site and be available for inspection.
2. All sampling, handling and preservation of samples and laboratory analysis of samples shall be performed in accordance with 40 CFR Part 136 and amendments thereto unless specified otherwise in the monitoring requirement of this permit or by Environmental Manager.
3. Permittee must maintain records documenting all sampling activities including proper sample labeling, log book sampling, chain of custody procedures, and other documentation related to sampling.

4. Sampling, analysis, and the collection of other information shall be performed with sufficient care to produce evidence admissible in enforcement proceedings or in judicial actions.

**C. Self-Monitoring Requirements for *Monitoring Point RL01, RL02 and RL03***

**1. Action Level Monitoring:**

<u>Parameter</u>	<u>Units</u>	<u>Monitoring Frequency</u>	<u>Sample Types</u>
a. Total Metals <sup>1</sup>	mg/L	1/6 Months	Grab <sup>2</sup>
b. BTEX <sup>3</sup>	mg/L	1/6 Months <sup>4</sup>	Grab
c. VOC's <sup>5</sup>	mg/L	1/6 Months	Grab
d. Semi-VOC's <sup>6</sup>	mg/L	1/6 Months	Grab
e. Dioxins/Furans <sup>7</sup>	mg/L	1/Year	Grab
f. Pesticides <sup>8</sup>	mg/L	1/Year	Grab
g. TSS	mg/l	1/ Month	Grab
h. BOD	mg/L	1/ Month	Grab
i. COD	mg/L	1/ Month	Grab
j. NH-3	mg/L	1/ Month	Grab
k. TKN	mg/L	1/ Month	Grab
l. TDS	mg/L	1/ Month	Grab
m. TOC	mg/L	1/ Month	Grab
n. pH	SU	1/ Month	Grab
o. HEM	mg/L	1/6 Months	Grab
p. HEM-SGT	mg/L	1/6 Months	Grab
q. Flow <sup>9</sup>	gpd	Continuous	Meter
r. PFC's <sup>10</sup>	ug/l	1/Year	Grab

<sup>1</sup> Total Metals include: As, Cd, Cr, Cu, Pb, Hg, Mo, Ni, Se, Ag, Zn

<sup>2</sup> Grab sample means a discrete sample collected or measured from a wastewater stream over a period of time not to exceed 15 minutes.

<sup>3</sup> BTEX shall be measured as the sum of benzene, toluene, ethylbenzene, and xylenes.

<sup>4</sup> If any visible petroleum sheen is observed in treatment system the monitoring should be performed daily.

<sup>5</sup> VOC's means Volatile Organic Compounds and shall be monitored by EPA Method 624.

<sup>6</sup> Semi VOC's means Semi Volatile Organic Compounds and shall be monitored by EPA Method 625.

<sup>7</sup> Dioxins and Furans shall be monitored by EPA Method 1613.

<sup>8</sup> Pesticides shall be monitored by EPA Method 608.

<sup>9</sup> PERMITTEE shall monitor for Total Flow from all monitoring points each month. Flows must be monitored continuously by the PERMITTEE using a totalizing flow meter or other acceptable method approved by Environmental Manager. The meter or other approved method shall be installed, calibrated, and maintained to ensure its accuracy is consistent with accepted engineering standards and capabilities.

<sup>10</sup> PFC's means Perfluorochemicals.