

**CITY OF CEDAR RAPIDS, IOWA
INDUSTRIAL WASTE DISCHARGE PERMIT**

PERMITTEE: **ADVANCED WASTE SERVICES OF IOWA LLC.**

FACILITY ADDRESS: 640 63rd Avenue SW
Cedar Rapids, IA 52404

PHONE: (319) 247-2403

DISCHARGE LOCATION: At the facility address

PERMIT NO: 10-75

DATE OF ISSUANCE: March 11, 2010

DATE OF AMENDMENT: June 29, 2011

DATE OF EXPIRATION: March 26, 2013

You are required to file an application for renewal of
this permit by: February 26, 2013

STANDARD INDUSTRIAL CLASSIFICATION CODE: 1799,
Special Trade Contractors, Not Elsewhere Classified

FEDERAL CATEGORICAL PRETREATMENT STANDARDS APPLICABLE:
40 CFR 437.40, Centralized Waste Treatment – Multiple Wastestreams

PERMIT CLASS: I
USER GROUP: I
PERMIT SURCHARGE FACTOR: N/A

PLANT CONTACT

NAME and TITLE: Mark Lob, Location Manager

This permit is issued pursuant to the authority of Chapter 13 of the Municipal Code of the City of Cedar Rapids, Iowa for the discharge of wastewater from the facility cited above to the sanitary sewer system. You are authorized to discharge the pollutants specified in this permit in accordance with the limitations and conditions set forth in this permit.

For the **CITY OF CEDAR RAPIDS, IOWA**
WATER POLLUTION CONTROL FACILITIES

By: Stephen J. Hershner Date: 6/29/11
Stephen Hershner, Utilities Environmental Manager

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GENERAL CONDITIONS

1. You are required to report any changes in conditions or information stated in your permit application that will affect the character or volume of the waste discharge. Facility expansions, production increases, or process modifications which will result in new or increased discharge of pollutants, must be reported 90 days in advance to the Utilities Director. Any change of this nature will be subject to the EPA requirements listed for a "New Source" defined in 40 CFR Part 403.3(k)(1). If such discharge will exceed the discharge limits set out in this permit, you must file a new permit application ninety days in advance.
2. The Utilities Director may change the terms and conditions of the permit, including the average or maximum limits on the elements of wastewater strength, from time to time as circumstances may require. You will be allowed a reasonable time to comply with any required changes in the permit, except that a change in average or maximum limits of wastewater strength shall immediately affect the calculation of the sewage service charge.
3. This permit is expressly subject to all provisions of Chapter 13 of the Municipal Code and all rates and charges established by the City, and may be terminated for violation of provisions of the Code or the terms and conditions set out herein. Permit issuance does not relieve you of the responsibility to comply with all local, state, and federal laws, ordinances, regulations, and other legal requirements applying to the operation of your facility. Specifically, this facility will be subject to all applicable standards, limitations or requirements stipulated by the final rule for 40 CFR Part 437.47 (e) (Subpart D – Multiple Waste Streams - Oils & Organics Treatment and Recovery) that was published on December 22, 2000 and amended on 12/22/03.
4. This permit shall not be assigned or transferred.
5. The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.
6. You shall comply with all the general prohibitive discharge standards in Subsections (b) and (c) of Section 13.07 of the Municipal Code.
7. The Utilities Director or authorized representatives shall be permitted to enter all properties at reasonable times for the purposes of inspection, observation, measurement, sampling, and testing in accordance with provisions of Chapter 13 of the Code.
8. All measurements, sampling and analyses shall be performed in accordance with the techniques prescribed in 40 CFR 136 and amendments thereto.
9. You shall not increase the use of potable or process water or, in any way attempt to dilute an effluent as a partial or complete substitute for adequate treatment to achieve compliance with the limitations contained in this permit.
10. You are required to notify the Director or his authorized representative within 24 hours of becoming aware of a violation of this permit. You shall repeat the sampling and analysis and submit the results of the repeat analysis to CRWPCF within 30 days after becoming aware of the violation.

11. All conditions, possible penalties, self-monitoring provisions, reporting requirements, and discharge limits shall remain in force until this permit is reissued.
12. The Utilities Director reserves the right to revoke this permit.

PENALTIES

Failure to comply with pretreatment standards, reporting requirements and discharge limits could subject the Permittee to any of the following penalties:

1. Notice(s) to Correct.
2. Misdemeanor Violation(s): Could involve imprisonment for a period not exceeding 30 days or a fine not to exceed \$200 for each violation.
3. Violation a Nuisance: Disconnect service to the wastewater system of the City with costs of the disconnection to be borne by the user.
4. Violation a Municipal Infraction (Environmental Violation): A person committing an environmental violation may be subject to a civil penalty of not more than one thousand dollars (\$1,000) for each occurrence.
5. Falsifying Information: Any person who knowingly makes false statements, representation or certification in any application record, report, plan, or other document filed or required to be maintained pursuant to this ordinance or Industrial Waste Discharge Permit, or who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required under this Ordinance, shall upon conviction, be guilty of a misdemeanor.
6. In addition to any other remedies, the City may bring suit to recover costs from the person or persons incurring the liability for the payment of such charges.

This Industrial Waste Discharge Permit is considered your Notice to Correct and violation of any of the provisions contained in this permit could result in legal action as outlined above.

FACILITIES MAINTENANCE AND RECORDS

1. You are required to maintain all pretreatment and waste monitoring facilities continuously in satisfactory and effective operation, at your expense. All equipment used for monitoring, sampling, and analysis must be routinely calibrated, inspected, and maintained at your expense to ensure its accuracy and proper operation at all times. You shall maintain operation records, including any reports of laboratory analysis, flow and pH observations, and instrument chart recordings for a period of at least three years. This period may be extended by request of the City of Cedar Rapids WPCF at any time. Such facilities and records shall be subject to and made available for periodic inspection by the City.

2. All records that pertain to matters that are the subject of special orders or any other enforcement or litigation activities brought by The City of Cedar Rapids WPCF shall be retained and preserved by you until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals have expired.

3. Upon reduction, loss or failure of the pretreatment facility, you shall, to the extent necessary to maintain compliance with this permit, control production or all discharges or both until operation of the pretreatment facility is restored or an alternate method of pretreatment provided.

SELF MONITORING

1. You are required to monitor and record the pH level of each treatment batch and record the total daily (workday) flow volume of process wastewater discharged to the sanitary sewer. You shall collect an equal volume of grab sample from each batch treated and properly preserve a combined daily (workday) composite sample of all batches discharged. Each daily sample should be retained until the next daily combined sample is available. The most recent daily sample shall be provided, on request, to representatives of the Water Pollution Control Facilities.

2. Analysis Schedule (analysis to be contracted by **Advanced Waste Services of Iowa LLC.**) (Monthly, or once in June and December), and Compounds Requiring Analysis:

A) Once per Month "daily sample" - Copper, Molybdenum, Zinc

B) Once in June and December (from one daily sample) – Chromium, Cobalt, Copper, Lead, Tin, Zinc, Bis-2-ethylhexylphthalate, Carbazole, o-Cresol, p-Cresol, n-Decane, Fluoranthene, n-Octadecane, and 2,4,6-Trichlorophenol, **Oil and Grease (Petroleum-based)**.

You shall submit daily composite representative samples for analysis to a laboratory certified under Iowa Administrative Code, Chapter 83. Samples for all required analyses shall be preserved and collected according to EPA approved methods in 40 CFR Part 136.

3. City shall have unrestricted access to the facilities for sample collection, instrumentation observation and verification. Such facilities shall be equipped with ventilation, lighting, and safety appurtenances appropriate to currently accepted occupational health and safety standards. The Utilities Director or duly authorized employees of the City shall observe all reasonable safety rules applicable to the premises.

4. Samples and measurements shall be representative of the volume and nature of the monitored discharge. All samples and pH measurements shall be taken at the designated monitoring point. All equipment used for monitoring, sampling and analysis must be routinely calibrated and inspected and maintained, at your expense, to ensure their accuracy.

5. Designated monitoring point for **Advanced Waste Services of Iowa LLC.** shall be grab samples collected from each batch treated prior to discharge into the municipal sanitary sewer system.

SEWER SERVICE CHARGES

Pursuant to sections 13.10, 13.15, and 13.17 of the Municipal Code, **Advanced Waste Services of Iowa LLC**. shall pay appropriate sewer service charges for all wastewater discharged into the sanitary sewer.

Based on these sections, and subject to any future City Council rate resolutions, **Advanced Waste Services of Iowa LLC**. shall pay 50% more than metered sanitary sewer charges for all wastewater discharged each month, but currently not less than \$100/month. Current flat charge of \$100/month is subject to change by a rate resolution approved by the City Council.

REPORTING

1. SELF-MONITORING data shall be reported for each calendar month to the Water Pollution Control Facilities. Reports shall be prepared and submitted by the fifteenth day of the following month. Reports shall list, identify, or provide: (1) facility name, (2) name and title of preparer, (3) month and year, (4) batch pH charts with recorded dates and times, (5) total daily flow discharged, and (6) sampling results as necessary.
2. You are also required to submit the "Periodic Reports on Continued Compliance", as specified by 40 CFR 403.12(e). The reports must be submitted at least twice yearly; in June and December, if not more frequently, and must include a certification statement (see page 7 of this permit). This reporting requirement may be satisfied by the monthly reports if the monthly reports contain all requisite 403.12(e) data. Submittal of required certifications must be made in printed form, all other reports may be submitted by fax or email.
3. You are required to submit "Periodic Certification Statements" as specified by 40 CFR 437.41 (b). The statements must be submitted at least twice yearly, in June and December (see page 7).
4. If you monitor any pollutant more frequently than required by this permit, the results of such monitoring shall be included in your self-monitoring report.
5. All applications, reports and other information shall be signed and certified by a corporate officer or duly authorized representative as defined in 40 CFR 403.12(1).

SPILL AND OVERLOAD REPORTING

You are required to immediately notify the Utilities Director in the event of an accident, negligence, or other occurrence that occasions discharge into the city sewer system of any liquid, gaseous, or solid material prohibited by Section 13.07 of the Municipal Code, or spill or slug quantities of any pollutants limited by this permit. The Director shall be given 24 hours advance notification when a known or forecast extraordinary situation could subsequently result in discharge of quantities greater than the MAXIMUM limits. Such notifications shall not relieve you of responsibility for expense, loss or damage occasioned by the City by reason of such discharges.

ADDITIONAL REQUIREMENTS

1. You shall provide written notice to Cedar Rapids Water Pollution Control Facilities a minimum of 90 days in advance if wastewater considered for treatment at **Advanced Waste Services of Iowa LLC**. could include the potential to discharge any of the following pollutants: Arsenic, Beryllium, Cyanide, Lead, Mercury, and Selenium.
2. You shall maintain on-site Compliance Paperwork as described in 40 CFR 437.41 (c), items 1 – 5.

DISCHARGE LIMITATIONS

Permit Discharge Limitations based on the Final Rule 40 CFR Part 437.40 Subpart D – Oils & Organics Treatment and Recovery, Subcategory, 437.47 Pretreatment Standards for New Sources (PSNS) (e) –, will be applied to **Advanced Waste Services of Iowa LLC**. These limitations will use Federal Categorical Standards as a minimum and local limit requirements could be applied. *

Metal pollutant Parameters **	Monthly Average (mg/l)	Maximum for any one day (mg/l)
Chromium	0.323	0.746
Cobalt	18.8	56.4
Copper	0.242	0.500
Lead	0.160	0.350
Tin	0.165	0.335
Zinc	4.50	8.26
Organic pollutant Parameters **		
bis-2-ethylhexylphthalate	0.101	0.215
Butylbenzylphthalate	0.0887	0.188
Carbazole	0.276	0.598
o-Cresol	0.561	1.92
p-Cresol	0.205	0.698
n-decane	0.437	0.948
Fluoranthene	0.0268	0.0537
n-Octadecane	0.302	0.589
2,4,6-Trichlorophenol	0.106	0.155

NOTE * pH limit of 12.5 allowed by CRWPCF to facilitate chemical breaking of synthetic oils.

** *Antimony, Barium, Molybdenum, and 2,3-Dichloroaniline* eliminated 12/22/03 Final Rule for CFR Part 437.47 (e) Centralized Waste Treatment

Certification Statements:

403.6(a)(2)(ii)

"I certify that under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

437.41 (b)

"I certify that **Advanced Waste Services of Iowa LLC.** is operating its treatment systems to provide equivalent treatment as specified in the initial certification letter dated July 20, 2005."