



# DANE COUNTY DEPARTMENT OF WASTE AND RENEWABLES

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Director  
John Welch P.E.

SEPTEMBER 21, 2022

## ATTENTION ALL REQUEST FOR PROPOSAL (RFP) HOLDERS

### RFP NO. 322039 - ADDENDUM NO. 1

### ENVIRONMENTAL MONITORING SERVICES

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**PROPOSALS DUE:** TUESDAY, OCTOBER 4, 2022, 2:00 PM.  
DUE DATE AND TIME **ARE NOT** CHANGED BY THIS ADDENDUM

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This Addendum is issued to modify, explain or clarify the original Request for Proposal (RFP) and is hereby made a part of the RFP. **Proposers must acknowledge this addendum on the Signature Page and submit with Proposal as outlined in the RFP Cover Letter.**

#### PLEASE NOTE THE FOLLOWING PROPOSER SUBMITTED QUESTIONS:

Question 1: Can a prospective proposer include pricing on a specific task or location or is a response for each task required?

*Answer 1: Dane County may entertain alternate proposals if it's in the County best interest. The ideal proposal would contain all elements outlined in the Scope of Proposals.*

Question 2: What current federal regulations are required for landfill gas extraction wells (e.g. NESHAP, NSPS, etc.)?

*Answer 2: Dane County Landfill Site No. 1 (Verona) is a Non-Part 70 facility and is not applicable to federal regulations but is required to follow WDNR air permit requirements.*

*Dane County Landfill Site No. 2 (Rodefeld) pursuant to 40 Code of Federal Regulations (CFR) Part 60, Subparts WWW, New Source Performance Standards (NSPS) for Municipal Solid Waste Landfills, and 40 CFR Part 63, Subparts A and AAAA, National Emissions Standards for Hazardous Air Pollutants (NESHAP) for Municipal Solid Waste Landfills. On June 21<sup>st</sup>, 2021, Rodefeld became subject to 40 CFR Part 62, Subpart OOO, which superseded the rules and regulations of NSPS Subpart WWW. Rodefeld's most recent Title V permit renewal (#13127300-P20) was issued by the State of Wisconsin Department of Natural Resources (WDNR) on June 20, 2019. Since the Title V permit still contains regulatory requirements based on Subpart WWW, the facility plans to operate consistently with the requirements of both 40 CFR Part 62, Subpart OOO and 40 CFR Part 60, Subpart WWW until the Title V is amended to be consistent with the facility's federal applicability.*

*On October 29, 2021, Dane County Waste & Renewables submitted a permit modification application in order to incorporate newly effective changes to Federal Regulations (involving 40 CFR Part 63 Subpart AAAA, 40 CFR Part 60 Subpart WWW,*

*and 40 CFR Part 62 Subpart OOO) into the facility's currently effective permit. At the time of this Addendum, this change has yet to be approved by WDNR.*

*Truax Landfill – Landfill gas extraction well monitoring is completed under a different Dane County contract.*

Question 3: What is the monitoring plan for gas wells with LOCI units installed?

*Answer 3: The only site that contains LOCI units is the Dane County Landfill Site No. 2. Monitoring for gas wells with LOCI units attached is completed the same way as gas wells without LOCI units attached. Gas quality and vacuum readings are taken at the sample ports on the QED wellheads. In some cases, to more accurately read available vacuum, a reading is taken at the service valve.*

*Dane County has LOCI units installed on 61 gas wells and is subject to change as determined by Dane County. There are additional LOCI units installed at various locations throughout the gas collection system.*

Question 4: Regarding leachate head level monitoring at Rodefild Landfill (Site No. 2), what is the current procedure for monitoring leachate depths (e.g. liquid level read out, manual measurement with sounder, etc.)? Additionally, are these locations vertical, angled, or horizontal orientation?

*Answer 4: The leachate head level measurements are collected from a combination of horizontal/angled risers as well as some vertical risers. The horizontal oriented risers have transducers installed and Dane County owns a "EPG Companies Inc. Levelmaster" readout device which the Proposer uses for taking measurements. The vertical oriented risers are measured manually with a water level measuring tape. In general, the horizontal risers will be located around the perimeter limits of waste of the landfill and the vertical risers will be located on the landfill.*

Question 5: Would pump maintenance for landfill gas extraction wells and general wellfield maintenance be considered supplemental work to this RFP (i.e. changing worn/stretched/sagging kanaflex, replacing bad sample ports, etc.)?

*Answer 5: Maintenance for any components related to the gas collection and control system is supplemental to this RFP. Prior to performing any maintenance work, awarded Proposer shall provide quotes and obtain authorization from Dane County.*

Question 6: Are GHG readings required for the respective landfill gas collection system? If so, which locations are needed?

*Answer 6: Yes, GHG readings are required by EPA are collected at Sites No. 1 & 2 however, this is currently completed by Dane County staff and we do not intend on having the Proposer complete this work.*

Question 7: Regarding Rodefild Landfill (Site No. 2), is a reading required on the inactive gas plant and flare blower stations?

*Answer 7: No, the inactive landfill gas destruction devices will not require readings to be taken.*

Question 8: Is remonitoring required for wells found to be operating outside of the regulatory standards? Will these be performed as a supplemental task as part of the “general assistance” referenced in the Scope of Proposals?

*Answer 8: Yes, remonitoring is required for wells found to be operating outside of the regulatory standards at Site No. 2 Rodefild Landfill. The remonitoring is completed by Dane County, however, there is an option to have this task performed under the general assistance task.*

*Site No. 1 Verona Landfill does not require remonitoring following monthly gas well monitoring.*

Question 9: Is a site tour available for prospective proposers?

*Answer 9: There is no formal site tour planned as part of this RFP. Site maps and monitoring tables have been provided to show quantities and locations of monitoring points. It is important to note that prospective proposers will not be allowed to drive vehicles on the landfill cap at Rodefild Landfill (Site No. 2) where native prairie plants exist. Additionally, wet conditions at any of the three landfill locations may prevent vehicles from driving along the caps.*

*The three sites listed in the RFP are public sites. If a prospective proposer wishes to visit the site prior to submitting a proposal, they may do so by contacting Kyle Anderson at [Anderson.Kyle@countyofdane.com](mailto:Anderson.Kyle@countyofdane.com). In the email, identify the date, time, and site you plan to visit.*

Question 10: Does the comprehensive database referenced in Section 2. (F) need to include liquid/leachate monitoring data, landfill gas extraction well data, and gas probe data?

*Answer 10: Yes, the comprehensive database referenced shall be inclusive of all data collected from each monitoring point. This shall include monitoring data required for compliance as well as any supplemental monitoring data.*

Question 11: Can you clarify the scope of the “Call-Out Fee” shown in ADDITIONAL LINE ITEMS?

*Answer 11: The “Call-Out Fee” will only be paid in the event Dane County asks the Proposer to make an unplanned visit to one of the sites to complete supplemental work outside of the routine monitoring work. This will not include instances where the awarded proposer is already on-site doing planned or routine monitoring work.*

Question 12: What type of wellhead valve is installed on the landfill gas extraction wells? Do all have visual valve position available?

*Answer 12: Verona Landfill (Site No. 1) – Typical gas well set up pictured below. Visual valve positions are available.*



*Site No. 2 Rodefild Landfill (Site No. 2) – All gas wells have QED Wellheads. Visual valve positions are available. Additionally, some gas wells may have additional LOCI units installed.*



Question 13: Should GP13 and GP14 be done on a quarterly basis instead of monthly basis at the Verona Landfill (Site No. 1)?

*Answer 13: Yes, this is based off of plan of operation monitoring frequency conditions.*

Question 14: Regarding Rodefild Landfill (Site No. 2), M14A and M14B have been recently abandoned and will be replaced by M14AR and M14BR in November 2022 and will require baseline monitoring. Should pricing for baseline monitoring be included?

*Answer 14: Due to the infrequency of this task, Dane County will require a quote for this work for completion under the supplemental work category.*

Question 15: Regarding Rodefild Landfill (Site No. 2), PW82 is listed as inactive. Should it be included in the routine water supply sampling events?

*Answer 15: Although PW-82 is listed as inactive, it shall be kept in the scope of work. While PW-82 remains inactive, it will not need to be included in the routine water supply sampling events. If PW-82 gets moved to the active status, routine water supply sampling will need to be initiated on that well.*

Question 16: Regarding Rodefild Landfill (Site No. 2), should pump cycle counts be collected for the gas extraction wells containing pumps?

*Answer 16: Yes, Proposer shall collect pump cycle count data during the monthly gas well monitoring events.*

Question 17: Regarding Rodefild Landfill (Site No. 2), will Dane County want liquid levels collected on the gas extraction wells on a quarterly basis (March, June, September, and December), though it is only required annually?

*Answer 17: Yes, this work will be paid at the same unit price as the required Annual measurements.*

Question 18: Regarding Truax Landfill, should “Barium, total (ug/l)” be changed to “Barium, dissolved (ug/l)” for the groundwater monitoring well sampling?

*Answer 18: Yes, please change “Barium, total (ug/l)” to “Barium, dissolved (ug/l)”.*

Question 19: Regarding Truax Landfill, should gas condensate at the lift station be sampled as part of this RFP?

*Answer 19: Yes, please refer to Attachment A for the additional monitoring table.*

**Additional Information:**

- *Verona Landfill (Site No. 1) – MW15 was replaced and is now labeled MW15R (DNR ID# 117)*
- *Rodefeld Landfill (Site No. 2) – M17AR and M17BR are currently undergoing baseline monitoring. If this work is not complete upon the Environmental Monitoring Services contract, a quote will be requested to complete the work and will be paid under the supplemental work category.*
- *Rodefeld Landfill (Site No. 2) – There is a typo on the environmental monitoring tables. MHL-9N should be listed as MLH-9N and MHL-9S should be listed as MLH-9S.*

**Enclosures**

Attachment A. – Truax Landfill – Additional Monitoring Table Page

If any additional information about this Addendum is needed, please contact Kyle Anderson at [Anderson.Kyle@countyofdane.com](mailto:Anderson.Kyle@countyofdane.com).

Sincerely,

*Kyle Anderson*

Kyle Anderson  
Safety & Compliance Coordinator

## Attachment A

**Dane County Truax Landfill  
License # 3306  
Environmental Monitoring Tables**

**Table 3 - Gas Condensate Monitoring**

Monitoring Pt.		DNR ID#		Monitoring Pt.	DNR ID#	Sampling & Reporting Frequency	Parameter Codes	Parameters
Gas Condensate:						<u>Monthly</u> (Report Annually)		Report gas condensate liquid level and operational status of the wet well lift station in the annual O&M Report
Lift Station		770				<u>Sample Annually</u> (September)		00094 Field Conductivity @ 25°C (umho/cm) 00150 Suspended Solids, total (mg/l) 00310 BOD (5 day @ 20°C (mg/L)) 00340 COD, unfiltered (mg/L) 00400 Field pH, (standard units) 00410 Alkalinity, total as CaCO3 (mg/L) 00610 Nitrogen, Ammonia, total (mg/L as N) 00625 Nitrogen, Kjeldahl, total (mg/L as N) 00900 Hardness, total (mg/L as CaCO3) 00929 Sodium, total (mg/L) 00940 Chloride, total (mg/L) 00945 Sulfate, total (mg/L) 00951 Fluoride, total (mg/l) 01027 Cadmium, total (ug/l) 01032 Chromium, hexavalent (ug/l as Cr) 01051 Lead, total (mg/L) 01055 Manganese, total (mg/L) 71900 Mercury, total (mg/L) 74010 Iron, total (mg/L)  VOCs (ug/L), EPA Method 8260 (NR 507, App III)  Base Neutral/Acid Extractable compounds, EPA Method 8270