

**Outagamie County Recycling & Solid Waste Department (OCRSWD) License #3235  
Northeast Landfill (NELF)**

**Table 1  
Groundwater Monitoring**

Well ID	DNR Point ID	WUWN	Unit Screened Within	Shared with East and West	Sampling and Reporting Frequency <sup>1</sup>	Sampling and Reporting Responsibilities	Parameter List
<b>Group A Wells:</b>							
P-503C	208	EH530	C		Semiannually  (May and November)	OCRSWD Contractor	00010 Field Temperature (°C) 00094 Field Specific Conductance @ 25°C 00400 Field pH (standard units) 00608 Ammonia, Dissolved (mg/L) 00940 Chloride, Total or Dissolved (mg/L) 04189 Groundwater Elevation (ft MSL) <sup>3</sup> 22413 Total Hardness, Filtered (mg/L) 39036 Total Alkalinity, Filtered (mg/L)  Note sample odor (00001), color (00002), and (00003), if present
P-504B	210	EH532	B				
P-504C	211	EH533	C				
P-701BR <sup>2</sup>	244	RY967	B	X			
P-701D	250	VQ319	D				
P-801C	272	VQ302	C				
P-801D	273	VQ314	D				
P-802C	252	VQ312	C				
P-802D	253	VQ391	D				
P-1010B	255	VQ308	B				
P-1010C	256	VQ316	C				
P-1011B	258	VQ313	B				
P-1011C	259	VQ311	C				
P-1012B	260	VQ343	B				
P-1012C	261	VQ309	C				
P-1012D	262	VQ347	D				
P-1013B	263	VQ345	B				
P-1013C	264	VQ318	C				
P-1013D	265	VQ348	D				
P-1014B	266	VQ341	B		Annually (May)	OCRSWD Contractor	VOCs (ch. NR 507, Appendix III, including acetone, carbon disulfide, methyl ethyl ketone and tetrahydrofuran)
P-1014C	267	VQ340	C				
P-1014D	268	VQ349	D				
P-1015B	269	VQ305	B				
P-1015C	270	VQ307	C				
<b>Subtitle D Wells:</b>							
P-503B	207	EH529	B	X	Semiannually (May and November)	OCRSWD Contractor	00010 Field Temperature (°C) 00094 Field Specific Conductance @ 25°C 00400 Field pH (standard units) 00608 Ammonia, Dissolved (mg/L) 00681 Dissolved Organic Carbon (mg/L) 00940 Chloride, Total or Dissolved (mg/L) 00946 Sulfate, Dissolved (mg/L) 04189 Groundwater Elevation (ft MSL) 22413 Total Hardness, Filtered (mg/L) 39036 Total Alkalinity, Filtered (mg/L) Note sample odor (00001), color (00002), and (00003), if present VOCs (ch. NR 507, Appendix III, including acetone, carbon disulfide, methyl ethyl ketone and
P-701C <sup>4</sup>	234	NH063	C				
P-801B	245	RY968	B				
P-802BR	247	RZ023	B				

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**Table 2  
Leachate Quantity, Quality, and Head Monitoring**

Monitoring Location	DNR Point ID	Sampling and Reporting Frequency <sup>1</sup>	Sampling and Reporting Responsibilities	Parameters
Leachate Pump Buildings: PB-1 PB-2 PB-3	400 401 402	Monthly  Report quarterly with data for February, May, August and November Sampling Period <sup>2</sup>	OCRSWD Collects Volume Data OCRSWD Contractor Collects all Remaining Data	00032 Leachate Volume Pumped (x 1000 gal)
			OCRSWD Sends Leachate Volume Data to Contractor for Reporting With Field and Lab Data	
		Monthly Results must be provided to local agencies by the 8th of the following month	OCRSWD Contractor to Sample Early in	00610 Nitrogen, Ammonia, Total (mg/L) 01027 Cadmium, Total (µg/L) 01034 Chromium, Total (mg/L) 00720 Cyanide, Total (mg/L) 01051 Lead, Total (µg/L) 71900 Mercury, Total (µg/L) 01067 Nickel, Total (mg/L) 00665 Phosphorus, Total (mg/L) 01077 Silver (mg/L) 01092 Zinc, Total (mg/L) 00150 Total Suspended Solids (mg/L) 00310 Biochemical Oxygen Demand (mg/L, 5 Day @ 20°C) 00400 pH, Field (Standard Units) 00940 Chloride, Total (mg/L) 01042 Copper, Total (mg/L)
			OCRSWD Sends Leachate Volume Data to Contractor for Reporting With Field and Lab Data	
Semiannually (May and November)	OCRSWD Contractor	00094 Specific Conductance, Field (µmho/cm @ 25°C) 00150 Total Suspended Solids (mg/L) 00310 Biochemical Oxygen Demand (mg/L, 5 day @ 20°C) 00340 Chemical Oxygen Demand, Unfiltered (mg/L) 00400 pH, Field (Standard Units) 00410 Alkalinity, Total (mg/L) 00610 Nitrogen, Ammonia, Total (mg/L) 00625 Nitrogen, Kjeldahl, Total (mg/L) 00900 Hardness, Total (mg/L) 00929 Sodium, Total (mg/L) 00940 Chloride, Total (mg/L) 00945 Sulfate, Total (mg/L) 00951 Fluoride, Total (mg/L) 01022 Boron, Total (µg/L) 01027 Cadmium, Total (µg/L) 01051 Lead, Total (µg/L) 01055 Manganese, Total (µg/L) 01147 Selenium, Total (µg/L) 71900 Mercury, Total (µg/L) 74010 Iron, Total (mg/L)  VOCs (ch. NR 507, Appendix III, including acetone, carbon disulfide, methyl ethyl ketone and tetrahydrofuran)		
	OCRSWD Sends Leachate Volume Data to Contractor for Reporting With Field and Lab Data			
Annually (May)	OCRSWD Contractor	Note sample odor (00001), color (00002), and turbidity (00003), if SVOCs (ch. NR 507 Appendix IV substances)		

**Table 2 (continued)**

Monitoring Location	DNR Point ID	Sampling and Reporting Frequency <sup>1</sup>	Sampling and Reporting Responsibilities	Parameters
<b>Leachate Headwells:</b>				
LHW-1A	883	Monthly	OCRSWD Contractor	00023 Leachate Head Elevation (ft MSL)
LHW-1B	834			00031 Leachate Depth (ft above liner)
LHW-2A	835	Report semiannual with data for May and November Sampling Period		00031 Leachate Depth (ft above liner)
LHW-2B	836			
LHW-3A	837			
LHW-3B	838			
LD-1	872	Report semiannual with data for May and November Sampling Period		00031 Leachate Depth (ft above liner)
LD-2	873			
LD-3	874			
LD-4	875			

Notes:

Prepared by: GGR

Red text indicates points/parameters/methods for additional local requirements.

Checked by: RJM7

Yellow highlighted text represents changes made to the tables after RFP was posted.

<sup>1</sup> Data shall be submitted within 60 days after the end of the sampling period, in accordance with s. NR 507.26(3), Wis. Adm. Code, unless otherwise specified.

<sup>2</sup> ch. NR 507, Wis. Adm. Code, Table 4, requires semiannual reporting of leachate removed. Quarterly reporting was requested by Outagamie County Recycling & Solid Waste Department, but reporting is only required semi-annually.

OCRSWD EC = Outagamie County Recycling & Solid Waste Department Engineering Consultant

Unless otherwise noted, OCRSWD Contractor will prepare and submit GEMS report.

**Outagamie County Recycling & Solid Waste Department License #3235  
Northeast Landfill**

**Table 3A  
Landfill Gas Monitoring**

Monitoring Location	DNR Point ID	Monitoring Location	DNR Point ID	Sampling and Reporting Frequency <sup>1</sup>	Sampling and Reporting Responsibilities	Parameters
<b>Temporary Horizontal Gas Extraction</b>						
HW-13N	892	HW-24S	944	Monthly	OCRSWD (sampling) OCRSWD EC (reporting)	85547 Percent Methane 85550 Percent Oxygen 46388 Gas Temperature (°F) 46387 Valve Opening (% open) 46385 Wellhead Pressure (applied vacuum in inches of water) 46382 Header Pressure (available vacuum in inches of water)
HW-21N	900	HW-25S	945			
HW-22N	901	HW-27S	947			
HW-23N	902	HW-28S	948			
HW-24N	903	HW-29S	949			
HW-25N	904	HW-30S	950			
HW-36W <sup>2</sup>	915	HW-31S	951			
HW-37W <sup>2</sup>	916	HW-32S	952			
HW-12S	932	HW-33S	953			
HW-13S	933	HW-34S	954			
HW-15S	935	HW-35S	955			
HW-16S	936	HW/LR-1E <sup>3</sup>	956			
HW-20S	940	HW/LR-2E <sup>3</sup>	957			
HW-21S	941	HW/LR-1W <sup>3</sup>	958			
HW-22S	942	HW/LR-2W <sup>3</sup>	959			
HW-23S	943					
<b>Vertical Gas Extraction Wells</b>						
VGW-1	301	VGW-28	328	Monthly	OCRSWD (sampling) OCRSWD EC (reporting)	85547 Percent Methane 85550 Percent Oxygen 46388 Gas Temperature (°F) 46390 Vacuum (inches of water column)
VGW-2	302	VGW-29	329			
VGW-3	303	VGW-30	330			
VGW-4	304	VGW-31	331			
VGW-5	305	VGW-32	332			
VGW-6	306	VGW-33	333			
VGW-7	307	VGW-34	334			
VGW-8	308	VGW-35	335			
VGW-9	309	VGW-36 <sup>2</sup>	336			
VGW-10	310	VGW-37 <sup>2</sup>	337			
VGW-11	311	VGW-38 <sup>2</sup>	338	Annually (November)	OCRSWD Contractor	00023 Leachate Head Elevation (ft MSL) 00031 Leachate Depth (ft above liner)
VGW-12	312	VGW-39 <sup>2</sup>	339			
VGW-13	313	VGW-40	340			
VGW-14	314	VGW-41	341			
VGW-15	315	VGW-42	342			
VGW-16	316	VGW-43	343			
VGW-17	317	VGW-44	344			
VGW-18	318	VGW-45	345			
VGW-19	319	VGW-46	346			
VGW-20	320	VGW-47 <sup>3</sup>	347			
VGW-21	321	VGW-48 <sup>3</sup>	348			
VGW-22	322	VGW-49 <sup>3</sup>	349			
VGW-23	323	VGW-50 <sup>3</sup>	350			
VGW-24	324	VGW-51 <sup>3</sup>	351			
VGW-25	325	VGW-52 <sup>3</sup>	352			
VGW-26	326	VGW-53 <sup>3</sup>				
VGW-27	327					

Notes:

<sup>1</sup> Data shall be submitted within 60 days after the end of the sampling period, in accordance with s. NR 507.26(3), Wis. Adm. Code, unless otherwise specified.

<sup>2</sup> These well points are not installed or not connected to the gas system at the time of this SAP submittal.

<sup>3</sup> Planned gas wells

OCRSWD EC = Outagamie County Recycling & Solid Waste Department Engineering Consultant

Prepared by: GGR  
Checked by: RJM7

**Outagamie County Recycling & Solid Waste Department License #3235**

**Northeast Landfill**

**Table 3B  
Landfill Gas Monitoring**

Monitoring Location	DNR Point ID	Shared with East and West Landfills	Sampling and Reporting Frequency <sup>1</sup>	Sampling and Reporting Responsibilities	Parameters
<b>Blower/Flare:</b> Blower (Candlestick Flare)(CF-1) Blower 2 (Enclosed Flare)(EF-1)	776 777	X X	Monthly (monitor all points only if all are operating)	OCRSWD Contractor	85547 Percent Methane 85550 Percent Oxygen 46382 Header Pressure (in. of water) 99098 Gas Flow Rate (CFM)
<b>Blower/Flare:</b> Blower (Enclosed Flare) (EF-1)	777	X	Annually	OCRSWD Contractor	VOCs (using EPA Method TO-14 or TO-15) Analytical sample for methane <sup>3</sup>
			Quarterly <sup>4</sup> (February, May, August, and November)	OCRSWD Contractor	99243 Total Reduced Sulfur (using EPA Method 16, ASTM D5504, or ASTM D6228)
<b>Gas Probes:</b> GP-A GP-B GP-C GP-D GP-E	797 798 799 800 801		Quarterly (January, May, August, and November)	OCRSWD Contractor	85547 Percent Methane 85550 Percent Oxygen 00021 Ambient Air Temperature (°F) 00025 Barometric Pressure (mm of Hg) 46381 Trend in Barometric Pressure 00007 Ground Conditions
<b>Surface Emission Monitoring:</b> Quarterly monitoring			Quarterly <sup>2</sup> (January, May, August, and November)	OCRSWD EC	

Notes:

<sup>1</sup> Data shall be submitted within 60 days after the end of the sampling period, in accordance with s. NR 507.26(3), Wis. Adm. Code, unless otherwise specified.

<sup>2</sup> s. NR 507.22(3), Wis. Adm. Code requires semiannual reporting of gas monitoring data. Quarterly reporting was requested by Outagamie County Recycling & Solid Waste Department, but reporting is only required semiannually.

<sup>3</sup> Three samples are required per the GHG reporting rule.

<sup>4</sup> If an exceedance is noted, sampling needs to occur monthly for three months until no exceedance is noted.

OCRSWD EC = Outagamie County Recycling & Solid Waste Department Engineering Consultant

Unless otherwise noted, OCRSWD Contractor will prepare and submit GEMS report.

Prepared by: GGR

Checked by: RJM7

**Outagamie County Recycling & Solid Waste Department License #3235  
Northeast Landfill**

**Table 4  
Other Monitoring**

Monitoring Location	DNR Point ID	Shared with East and West Landfills	Sampling and Reporting Frequency <sup>1</sup>	Sampling and Reporting Responsibilities	Parameters
Surface Settlement Monitoring			Annually	OCRSDW OCRSDW EC (reporting)	99422 Land Surface Elevation (ft MSL)
Surface Water Monitoring (storm water basin discharge): SB-1	651	X	Quarterly (during discharge event, submit with groundwater monitoring results)	OCRSDW Contractor	00003 Turbidity 00010 Field Temperature (°C) 00094 Field Specific Conductance @ 25°C 00400 Field pH (standard units) 00150 Total Suspended Solids 00310 Biochemical Oxygen Demand (mg/L, 5 Day @ 20°C) 00410 Total Alkalinity, Unfiltered (mg/L) 00940 Chloride, Total or Dissolved 00900 Total Hardness, Unfiltered (mg/L) Note sample odor (00001) and color (00002) if present

Notes:

<sup>1</sup> Data shall be submitted within 60 days after the end of the sampling period, in accordance with s. NR 507.26(3), Wis. Adm. Code, unless otherwise specified.

OCRSDW EC = Outagamie County Recycling & Solid Waste Department Engineering Consultant

Unless otherwise noted, OCRSDW Contractor will prepare and submit GEMS report.

Prepared by: GGR

Checked by: RJM7

**Outagamie County Recycling & Solid Waste Department License #3235  
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**Table 5  
Method, Limit of Detection, Bottle, and Preservation Requirements for Aqueous Matrices**

Analyte	EPA Method Number	Bottle Requirement <sup>2</sup>	Preservative
<b>Conventional Parameters<sup>1</sup></b>			
Field color	SOP B-3	None	None – field measurement
Field conductivity (at 25°C)	SOP B-3	None	None – field measurement
Field odor	SOP B-3	None	None – field measurement
Field pH	SOP B-3	None	None – field measurement
Field redox potential	SOP B-3	None	None – field measurement
Field turbidity	SOP B-3	None	None – field measurement
Field groundwater temperature	SOP B-3	None	None – field measurement
Depth to well bottom	SOP B-1	None	None – field measurement
Groundwater elevation	SOP B-1	None	None – field measurement
Leachate, volume pumped	SOP B-8	None	None – field measurement
Total alkalinity, filtered and unfiltered	310.2	250 mL plastic or glass	< 6°C
Ammonia-nitrogen, total and dissolved	350.1	250 mL plastic or glass	H <sub>2</sub> SO <sub>4</sub> to pH < 2, < 6°C
BOD (5-day)	SM5210	1 L plastic	< 6°C
Chloride	300.0	250 mL plastic or glass	< 6°C
COD, unfiltered	410.4	250 mL plastic or glass	H <sub>2</sub> SO <sub>4</sub> to pH < 2, < 6°C
DOC	SM5310	125 mL glass	H <sub>2</sub> SO <sub>4</sub> to pH < 2, < 6°C
Total hardness, unfiltered, and filtered	6010	250 mL plastic or glass	HNO <sub>3</sub> to pH < 2, < 6°C
Total Kjeldahl Nitrogen	351.2	250 mL plastic or glass	H <sub>2</sub> SO <sub>4</sub> to pH < 2, < 6°C
TOC	SM5310	125 mL glass	H <sub>2</sub> SO <sub>4</sub> to pH < 2, < 6°C
Nitrate + nitrite as N, total and dissolved	353.2	250 mL plastic or glass	H <sub>2</sub> SO <sub>4</sub> to pH < 2, < 6°C
Sulfate, total and dissolved	300.0	250 mL plastic or glass	< 6°C
<b>Total and Dissolved Metals<sup>1</sup></b>			
Boron	6010	250 mL plastic or glass	HNO <sub>3</sub> to pH < 2, < 6°C
Cadmium	6020	250 mL plastic or glass	HNO <sub>3</sub> to pH < 2, < 6°C
Fluoride	300.0	252 mL plastic or glass	< 6°C
Iron	6020	253 mL plastic or glass	HNO <sub>3</sub> to pH < 2, < 6°C
Lead	6020	254 mL plastic or glass	HNO <sub>3</sub> to pH < 2, < 6°C
Manganese	6020	255 mL plastic or glass	HNO <sub>3</sub> to pH < 2, < 6°C
Mercury	7470	256 mL plastic or glass	HNO <sub>3</sub> to pH < 2, < 6°C
Selenium	6020	250 mL plastic or glass	HNO <sub>3</sub> to pH < 2, < 6°C
Sodium	6010	250 mL plastic or glass	HNO <sub>3</sub> to pH < 2, < 6°C
<b>VOCs<sup>1</sup></b>			
VOC analytes in groundwater monitoring wells and leachate	5030B/8260B	3 × 40 mL glass volatile vials	HCl to pH < 2
VOC analytes in private wells	8260B	3 × 40 mL glass volatile vials	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>
<b>SVOCs<sup>1</sup></b>			
SVOC analytes in leachate	8270C	2 × 1 L glass	< 6°C

Notes:

<sup>1</sup> LODs are periodically updated by the laboratory. Those in use at the time of analysis will be reported. LODs and LOQs should be below the NR 141 PAL whenever possible.

<sup>2</sup> All bottle lids shall be Teflon lined. Sample bottles with similar container type and preservation may be combined.

< = less than	HCl = hydrochloric	PAL = preventive action limit
°C = degree(s) Celsius	HNO <sub>3</sub> = nitric acid	pH = hydrogen (ion) concentration
BOD = biochemical oxygen demand	L = liter(s)	SVOC = semivolatle organic compound
COD = chemical oxygen demand	LOD = limit of detection	TOC = total organic carbon
DOC = dissolved organic carbon	mg/L = milligram(s) per liter	TSS = total suspended solids
EPA = U.S. Environmental Protection Agency	mL = milliliter(s)	VOC = volatile organic compound
FOP = field operating procedure	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> = sodium thiosulfate	Prepared by: JEF1
H <sub>2</sub> SO <sub>4</sub> = sulfuric acid	NaOH = sodium hydroxide	Checked by: RJM7

**Outagamie County Recycling & Solid Waste Department License #3235  
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**Table 6  
Quality Control Samples and Collection Frequency**

QC Sample	Collection Frequency			
	Pour Samples <sup>1</sup>	Field Blanks <sup>2</sup>	Field Duplicate	Trip Blanks <sup>3</sup>
<b>Monitoring Point Type</b>	<i>Sample bottles are filled with lab reagent-grade water in the field to determine contamination from air exposure.</i>	<i>Samples which are collected by pouring laboratory-provided reagent-grade water over non-disposable sampling and monitoring equipment.</i>	<i>An additional set of samples collected at a given location in the field.</i>	<i>Samples are filled at the laboratory, transported to the sampling site, and returned to the laboratory with the associated samples. Trip blanks are not opened.</i>
Groundwater wells	1 per sampling round or 1 for every 20 field samples collected, whichever is more frequent	1 per sampling round or 1 for every 20 field samples collected, whichever is more frequent	1 per sampling round or 1 for every 20 field samples collected, whichever is more frequent	1 per VOC sample cooler
Private wells	--	1 per sampling round or 1 for every 20 field samples collected, whichever is more frequent	1 per sampling round or 1 for every 20 field samples collected, whichever is more frequent	1 per VOC sample cooler

Notes:

<sup>1</sup> Pour Samples will be filled with lab-reagent-grade water in the field before regular sampling collection to determine contamination from air

<sup>2</sup> If more than one field blank is collected in a day, the field blanks should be collected at varying points of the sampling day. At least one field blank should be collected from each type of non-dedicated sampling equipment utilized during an event.

<sup>3</sup> Trip blanks only required for VOCs.

-- = not applicable

Prepared by: JEF1

Checked by: RJM7

**Outagamie County Recycling & Solid Waste Department License #3235  
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**Table 7  
Reporting Requirements<sup>1</sup>**

Type of Submittal	Submittal Generated By	Submittal Reporting Requirements									Reporting Schedule
		<b>WDNR</b> GEMS Data Submittal Contact - WA/5 Bureau of Waste and Materials Management Wisconsin Department of Natural Resources 101 South Webster Street Madison, WI 53707	<b>WDNR Regional Office</b> Jacqueline Marciulionis Wisconsin Department of Natural Resources Green Bay Service Center 2984 Shawano Avenue Green Bay, WI 54313-6727 Jacqueline.Marciulionis@wisconsin.gov	<b>WDNR Regional Office</b> Northeast Region Waste and Materials Management Program Environmental Program Associate Wisconsin Department of Natural Resources Green Bay Service Center 2984 Shawano Avenue Green Bay, WI 54313-6727	<b>WDNR</b> Air Management Program Wisconsin Department of Natural Resources Quinton LeSage	<b>U.S. Environmental Protection</b> Agency Region 5 R5AirEnforcement@epa.gov	<b>Local WWTP Regulatory Agencies</b>	<b>OCRSWD</b> Greg Parins, Director of Solid Waste, Kraig Vangroll, Solid Waste Supervisor Outagamie County Landfill 1419 Holland Rd. Appleton, WI 54911-8985	<b>OCRSWD EC</b> Robert Meller Foth Infrastructure & Environment, LLC 2121 Innovation Court, Suite 100 De Pere, WI 54115-5126 bob.meller@foth.com	<b>OCRSWD Contractor</b>	
Quarterly GEMS data submittals	Contractor cover letter/memo	X	X	--	--	--	--	X	X	--	Per NR 507.26 (3) OCRSWD Contractor to submit deliverables to WDNR and OCRSWD 60 days after sampling is complete.
	Contractor cover letter/memo	X	X	--	--	--	--	X	X	--	
	Electric data deliverable (CD)	X	--	--	--	--	--	--	X	--	
	Data certification form	X	X	--	--	--	--	X	X	--	
	Exceedance report	X	X	--	--	--	--	X	X	--	
	Laboratory reports/field forms (CD)	--	--	--	--	--	--	--	X	--	
Annual Groundwater Monitoring Report	OCRSWD EC	--	X	X	--	--	--	X	--	X	OCRSWD EC is to provide the Annual Groundwater Monitoring Reports for the Outagamie County Landfill by May 1st.
Annual Solid Waste Report	OCRSWD Contractor	--	X	X	--	--	--	X	--	--	OCRSWD Contractor is to provide the annual solid waste reports for OCRSWD by May 1st.
Leachate Summary	OCRSWD Contractor	--	--	--	--	--	X	X	X	X	See local WWTP requirements for monthly reporting deadlines
Semiannual Monitoring Report	OCRSWD EC	--	--	--	Switchboard Submittal	X	--	X	--	--	OCRSWD EC is responsible for preparing and submitting air permit and NSPS/NESHAP reports by March 31st and September 30th.
Annual Compliance Certification	OCRSWD EC	--	--	--	Switchboard Submittal	--	--	X	--	--	OCRSWD EC is responsible for preparing and submitting the Annual Certification report with the 1st half semiannual report.
Air Emissions Inventory Report	OCRSWD EC	--	--	--	Switchboard Submittal	--	--	X	--	--	OCRSWD EC is responsible for preparing and submitting Air Emissions Inventory report by March 1st.
Green House Gas Report	OCRSWD EC	--	--	--	--	X	--	X	--	--	OCRSWD EC is responsible for preparing and submitting Green House Gas report by March 31st.
Damaged monitoring point notifications	OCRSWD Contractor	--	X	--	--	--	--	X	X	--	OCRSWD Contractor will prepare and submit letters documenting any deficiencies in the sample monitoring point following each sampling event. In accordance with WAC NR507.13 WDNR should be notified within 10 days.

Notes:  
 applicable  
 X = Unless otherwise noted, one copy of each submittal is required.  
<sup>1</sup> Note that all submittals to the NER WDNR are now electronic. NER no longer wants hard copies unless specifically requested.  
 OCRSWD EC = Outagamie County Recycling & Solid Waste Department

Prepared by: GGR  
 Checked by: RJM7

**Outagamie County Recycling & Solid Waste Department License #3235  
Northeast Landfill**

**Table 8  
Approved PALs and ACLs**

Parameter Code		Shared with East and West	Indicator Parameters						Public Health and Welfare Substances									
Point Name	DNR Point ID		Field Specific Conductivity @25°C (mhos/cm)	Alkalinity, Total Filtered (mg/L)	Hardness, Total Filtered (mg/L)	Calcium, Diss. (mg/L)	Sodium, Diss. (mg/L)	COD, Filtered (mg/L)	Ammonia, Diss. (mg/L)	Barium, Diss. (µg/L)	Boron, Diss. (mg/L)	Cadmium, Diss. (µg/L)	Chromium, Diss. (µg/L)	Fluoride, Diss. (mg/L)	Manganese, Diss. (µg/L)	Nitrate + Nitrite (mg/L)	Selenium, Diss. (µg/L)	Sulfate, Diss. (mg/L)
			00094	39036	22413	00915	00930	00341	00608	01005	01020	01025	01030	00950	01056	00631	01145	00946
			PALs						ACLs									
<b>Group A Wells:</b>																		
P-503C	208		480	240	160	44	52	33	--	--	0.37	--	--	--	--	--	--	--
P-503D	249		700	260	320	--	34	33	--	--	0.37	--	--	2.9	--	--	--	200
P-504B	210		500	230	150	36	56	88	--	--	0.3	--	--	--	230	--	--	--
P-504C	211		860	240	160	38	52	33	--	--	0.32	--	--	0.99	--	--	--	--
P-701C	234		850	320	240	--	49	34	--	--	0.39	--	--	--	--	--	--	--
P-701D	250		2100	470	370	--	340	120	--	--	0.88	--	--	2.7	--	--	--	380
P-801C	272		1100	260	440	--	120	33	--	--	0.42	--	--	--	--	--	--	--
P-801D	273		1400	270	490	--	41	32	--	--	0.8	4.8	--	2.5	--	--	--	290
P-802C	252		560	290	220	--	50	73	--	--	0.42	--	--	--	--	--	--	--
P-802D	253		750	200	300	--	52	79	--	--	0.52	--	--	2.3	--	--	--	250
P-1010B	255		800	470	250	--	120	36	--	--	0.35	--	--	--	150	--	--	--
P-1010C	256		1400	330	160	--	54	36	--	--	0.39	--	--	--	--	--	--	--
P-1011B	258		1200	610	460	--	96	--	--	--	--	--	--	--	--	--	--	--
P-1011C	259		850	570	330	--	66	--	--	--	--	--	--	--	--	--	--	--
P-1012B	260		480	260	170	--	57	66	--	--	0.27	--	--	--	--	--	--	--
P-1012C	261		--	--	--	--	50	33	--	9900	0.33	--	17	--	--	--	--	--
P-1012D	262		790	270	270	--	53	34	--	--	0.34	--	--	1.9	--	--	--	--
P-1013B	263		1100	600	820	--	58	35	--	--	0.36	--	--	--	180	--	--	--
P-1013C	264		420	220	140	--	55	33	--	--	0.31	--	--	0.96	--	--	--	--
P-1013D	265		640	260	350	--	60	33	--	--	0.34	--	--	2.1	82	--	--	160
P-1014B	266		440	220	150	--	55	36	--	--	0.27	--	--	--	--	--	--	--
P-1014C	267		7500	2100	2200	--	62	150	1.4	2000	--	--	--	--	--	--	--	--
P-1014D	268		1100	440	440	--	49	33	--	--	--	2.5	--	2.7	--	--	--	250
P-1015B	269		2800	510	560	--	470	140	--	--	--	--	--	--	--	--	--	1100
P-1015C	270		8700	2500	2700	--	47	36	1.9	7600	--	--	--	--	--	--	--	--
P-1015D	271		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
<b>Subtitle D Wells:</b>																		
P-503B	207	X	1800	770	990	36	110	34	--	--	0.29	--	--	--	160	--	--	--
P-701BR	244	X	1300	640	640	--	--	32	--	--	0.25	--	--	--	--	--	--	--
P-801B	245		830	350	210	--	--	36	--	--	0.29	--	--	--	--	--	--	--
P-802BR	247		1600	700	350	--	--	36	--	--	0.34	--	--	--	--	--	--	--
OW-503A	206		2000	780	1400	230	120	33	--	--	--	--	--	--	--	--	--	250
OW-504A	209		1900	490	800	210	76	36	--	--	--	--	--	--	--	--	--	250
OW-602A	231		2200	500	1500	--	42	33	--	--	--	1.1	--	--	--	--	--	790

**Table 8 (continued)**

		Indicator Parameters						Public Health and Welfare Substances									
Parameter Code		Field Specific Conductivity @25°C (mhos/cm)	Alkalinity, Total Filtered (mg/L)	Hardness, Total Filtered (mg/L)	Calcium, Diss. (mg/L)	Sodium, Diss. (mg/L)	COD, Filtered (mg/L)	Ammonia, Diss. (mg/L)	Barium, Diss. (µg/L)	Boron, Diss. (mg/L)	Cadmium, Diss. (µg/L)	Chromium, Diss. (µg/L)	Fluoride, Diss. (mg/L)	Manganese, Diss. (µg/L)	Nitrate + Nitrite (mg/L)	Selenium, Diss. (µg/L)	Sulfate, Diss. (mg/L)
Point Name	DNR Point ID	00094	39036	22413	00915	00930	00341	00608	01005	01020	01025	01030	00950	01056	00631	01145	00946
		PALs						ACLs									
OW-701A	232	2000	560	1100	--	42	33	--	--	--	--	--	--	--	7.6	--	630
OW-801A	251	2500	700	930	--	52	33	--	--	--	--	--	--	--	--	--	290
OW-1010A	254	3800	610	2000	--	160	36	--	--	--	--	--	--	--	--	--	350
OW-1011A	257	5900	750	1700	--	320	36	--	--	0.34	--	--	--	--	--	--	1400
OW-1012A	275	2200	620	1200	--	46	33	--	--	--	--	--	--	--	--	--	480
OW-1013A	276	1400	640	1100	--	56	35	--	--	--	--	--	--	--	--	--	280
OW-1014A	277	1700	540	1100	--	44	33	--	--	--	--	--	--	--	--	32	470
OW-1015A	278	2300	620	1600	--	74	34	--	--	--	--	--	--	--	11	--	980
<b>Group C Wells:</b>																	
OW-601A	230	1600	610	720	--	130	36	--	--	--	--	--	--	--	--	--	290
OW-802A	274	2100	950	950	--	94	130	--	--	--	--	--	--	130	--	--	240

-- Not applicable

Prepared by: GGR  
Checked by: RJM7

**Table 1 (continued)**

Well ID	DNR Point ID	WUWN	Unit Screened Within	Shared with East and West	Sampling and Reporting Frequency <sup>1</sup>	Sampling and Reporting Responsibilities	Parameter List
<b>Group B Wells:</b>							
OW-503A	206	EH528	A		Semiannually (May and November)	OCSRWD Contractor	04189 Groundwater Elevation (ft MSL)
OW-504A	209	EH531	A				
OW-602A	231	IM204	A		Annually (May)	OCSRWD Contractor	00094 Field Specific Conductance @ 25°C
OW-701A	232	NH061	A				
OW-801A	251	VQ346	A				
OW-1010A	254	VQ303	A				
OW-1011A	257	VQ315	A				
OW-1012A	275	VQ310	A				
OW-1013A	276	VQ344	A				
OW-1014A	277	VQ342	A				
OW-1015A	278	VQ306	A				
<b>Group C Wells:</b>							
OW-601A	230	IM203	A		Semiannually (May and November)	OCSRWD Contractor	04189 Groundwater Elevation (ft MSL)
OW-802A	274	VQ304	A		Annually (May)	OCSRWD Contractor	00094 Field Specific Conductance @ 25°C VOCs (ch. NR 507, Appendix III, including acetone, carbon disulfide, methyl ethyl ketone and tetrahydrofuran)

Notes:

<sup>1</sup> Data shall be submitted within 60 days after the end of the sampling period, in accordance with s. NR 507.26(3), Wis. Adm. Code, unless otherwise specified.

<sup>2</sup> Proposed to be removed as Subtitle D and sampled as Group A well.

<sup>3</sup> Water level measurements from all Unit C wells must be collected within 24 hours.

<sup>4</sup> Proposed new Subtitle D well to replace P-701BR. Will be a shared Subtitle D well with 2484 license.