



April 10, 2019

Chris Cailles, P.E. Project Engineer
DAI Environmental, Inc.
27834 N. Irma Lee Circle
Lake Forest, IL 60045-5130

Subject: Determination of Coverage under Contaminated Groundwater from Remedial Action Operations (No. WI-0046566-07) Amendment 01

WPDES Permittee: DAI Environmental
Facility Name: Sunset Shopping Center
Site Location: 1009 Marquette Avenue, South Milwaukee, WI 53172
Facility Identification Number (FIN): 63340

Dear Chris Cailles:

The Wisconsin Department of Natural Resources, hereafter the Department has granted coverage under the Wisconsin Pollution Discharge Elimination System (WPDES) Contaminated Groundwater from Remedial Action Operations, Permit No. WI-0046566-07 for the above referenced facility in a coverage letter dated January 02, 2019 (WDNR 2019). This letter serves as Amendment 01 to the referenced coverage letter by adding **Outfall 002**. This amendment is applicable to Outfall 002 only and all terms and conditions stated in WDNR 2019 remain in effect for Outfall 001. The Department has listed the sampling parameters and limits in Tables 1, 2 and 3 below. You are responsible for compliance with the requirements and conditions contained in the permit. Please download the permit and fact sheet from the Department website at: <http://dnr.wi.gov/topic/wastewater/GeneralPermits.html>.

Discharges under this permit are required to be consistent with a discharge management plan that has been approved by the Department. Your application submitted will be considered as the required discharge management plan. All your contaminated wastewater treatment, discharges, and remedial actions must be done according to the terms and conditions of the permit, specifically sections 1, 3, 4, 7 and 8. Any significant changes will require Department approval.

General Requirements

1. **Effective Term:** Coverage at your facility will become effective under this permit on **April 10, 2019** until permit coverage termination. The general permit expires June 30, 2023. When the general permit expires, terms remain in effect until a new permit is issued.
2. **Additives:** The discharge of water containing treatment additives or conditioners such as chlorine is prohibited unless their use is approved in writing by the Department.
3. **Reporting:** All required monitoring shall be reported via eDMR (electronic discharge monitoring report) to be consistent with federal e-reporting requirements. The eDMR shall be submitted to the department

regardless if there is a discharge during any month or not. The report for the month is due by the 21st of the following month. The receive access to the eDMR forms, you must register for a WAMS ID and request access to the monitoring reports via DNR Switchboard at <http://dnr.wi.gov/topic/Switchboard>

4. **Monitoring Requirements and Limits:** The permittee must report all monitoring data to the Department as required in Section 4 of the permit. These monitoring requirements and all applicable limits are summarized in the table below. If the department previously approved a reduced monitoring requirement or an exemption from some monitoring requirement of this permit, this approval does not carry over into this reissued permit. Sample point designation is listed below in Table 1.

Table 1. Sampling Point Designation

Sampling Point Designation	
Sampling Point Number	Sampling Point Location, Waste Type/Sample Contents and Treatment Description (as applicable)
002	The permittee shall sample the condensate from the sump water treatment system prior to discharge to the storm sewer catchment and final discharge via Outfall 002. The samples taken shall be representative of the discharge that consists solely of the treatment system effluent before mixing with any other water.

The permittee shall comply with the following monitoring requirements and limitations in Table 2 and Table 3 below. Monitoring is only required when wastewater being discharged to surface waters.

Table 2. Sampling Point (Outfall) 001 – Surface Water Discharge

Monitoring Requirements and Effluent Limitations					
Parameter	Limit Type	Limit and Units	Sample Frequency	Sample Type	General Permit Notes
Flow Rate		gpd	Daily	Estimated	See Section 4.2.1.2
pH Field	Daily Min	6.0 su	Weekly	Grab	See Sections 4.2.1.2
pH Field	Daily Max	9.0 su	Weekly	Grab	See Sections 4.2.1.2
Other Pollutants at Concentration of Concern	See Table 3	See Table 3	Weekly	TBD	Refer to Sections 4.2.1.1 and 4.2.1.2

Table 3. Effluent Limitations for Surface Water Discharges

Parameter	Limit Type	Limit and Units	Sample Type	General Permit Note
Benzene	Monthly Avg	50 µg/L	Grab	See Section 4.2.1.2
BETX, Total	Monthly Avg	750 µg/L	Grab	See Section 4.2.1.2

Parameter	Limit Type	Limit and Units	Sample Type	General Permit Note
PAHs	Monthly Avg	0.1 µg/L	Grab	See Sections 4.2.1.1.3, 4.2.1.2 and Appendix C for calculation
Benzo(a)pyrene	Monthly Avg	0.1 µg/L	Grab	See Section 4.2.1.1.3
Naphthalene	Monthly Avg	70 µg/L	Grab	See Sections 4.2.1.1.4
Lead, Total Recoverable	Daily Max	See Permit Note	Grab comp	See Section 4.2.1.1.1
Lead, Total Recoverable	Weekly Ave	See Permit Note	Grab Comp	See Section 4.2.1.1.1
Bromoform	Monthly Avg	120 µg/L	Grab	
Carbon Tetrachloride	Monthly Avg	150 µg/L	Grab	
Chloroform	Monthly Avg	120 µg/L	Grab	
Dichlorobromomethane	Monthly Avg	120 µg/L	Grab	
1,2-Dichloroethane	Monthly Avg	180 µg/L	Grab	
1,1-Dichloroethylene	Monthly Avg	50 µg/L	Grab	
Methyl Bromide	Monthly Avg	120 µg/L	Grab	
Methylene Chloride	Monthly Avg	120 µg/L	Grab	
1,1,2,2-Tetrachloroethane	Monthly Avg	50 µg/L	Grab	
Tetrachloroethylene	Monthly Avg	50 µg/L	Grab	
1,1,2-Trichloroethane	Monthly Avg	50 µg/L	Grab	
1,1,1-Trichloroethane	Monthly Avg	50 µg/L	Grab	
Trichloroethylene	Monthly Avg	50 µg/L	Grab	
Vinyl Chloride	Monthly Avg	10 µg/L	Grab	
Hardness, Total as CaCO ₃	Daily Max	10 mg/L	Grab	See Section 4.2.1.1.1

The permittee shall record the total daily volume of wastewater discharged under this permit on each day there is a discharge. For all other parameters, in the first 4 weeks of discharge, the permittee shall sample the discharge weekly under Outfall 001. If the discharge continues after the first 4 weeks, the permittee shall sample the discharge monthly. If the discharge continues beyond one year since the start date and the

monitoring results have not exceeded any permit discharge limitations the department may approve in writing, a quarterly monitoring frequency. A monthly or quarterly sampling frequency only applies if data indicates substantial compliance with effluent limits. If the sampling frequency is monthly or quarterly and an exceedance occurs, a weekly monitoring frequency must resume until substantial compliance is demonstrated for eight consecutive weeks.

As per request in the discharge management plan, total suspended solids, chlorine, and oil and grease sampling has been removed from Table 3. The permittee may request (in writing) removal of select parameters after four weeks (or four discharge events) of monitoring if results are non-detected (less than reporting limits) or less than 1/5 of the effluent limit listed in Table 3. The removal of parameters is subject to Department review and discretion. The permittee shall continue with the required sampling until written approval is issued by the Department.

5. **Discharge Status:** If the project has been completed and/or the remedial action operations have ceased, please complete a **Notice of Termination (Form 3400-221)** available at <http://dnr.wi.gov/topic/wastewater/GeneralPermits.html>. Please email this form to me at christopher.dietrich@wisconsin.gov. Your facility will then be removed from our list of facilities currently covered under this general permit.
6. **Change of Authorized Representative:** If you plan on changing the authorized representative contact for the project or want to assign a new person to be a duly authorized representative to submit specific permit documents on their behalf, please fill out a Delegation of Signature Authority (Form 3400-220) available at <http://dnr.wi.gov/topic/wastewater/GeneralPermits.html>. Please email this form to me at christopher.dietrich@wisconsin.gov.
7. **Project Changes:** If there have been or will be any changes in dewatering operations that result in new or different wastewater discharges to the waters of the state, please contact the Department and reapply for permit coverage. If reapplication is necessary, please complete a notice of intent (NOI) form for the applicable general permit(s) to verify that your discharge is eligible for that general permit. NOI forms are available at <http://dnr.wi.gov/topic/wastewater/GeneralPermits.html>. This document must be mailed to the Department contact in the region of the proposed discharge. This information is also available at the general permit webpage.

Additional information regarding the Department's legal authority in this matter and your rights of appeal are shown below. Please contact me by phone: (414) 263-8713 or by email: christopher.dietrich@wisconsin.gov if you have any questions.

Regards,



Chris Dietrich
Wastewater Specialist, Bureau of Water Quality

Cc: Trevor Moen, General Permit Coordinator, WDNR (via email)
Riley Neumann, Remediation and Redevelopment, WDNR (via email)
Project File

References:

WDNR 2019 *Determination of Coverage under Contaminated Groundwater from Remedial Action Operations (No. WI-0046566-06)*, Wisconsin Department of Natural Resources, January 2, 2019

LEGAL AUTHORITIES and APPEAL RIGHTS

Section 283.35(1), Wis. Stats., authorizes the Department to issue a general permit applicable to a designated area of the state authorizing discharges from specified categories or classes of point sources located within that area. Upon the request of the owner or operator of a point source, the Department shall withdraw the point source from the coverage of a general permit and issue an individual Wisconsin Pollutant Discharge Elimination System (WPDES) permit for that source in accordance with s. 283.35(2), Wis. Stats. Additionally, the Department may withdraw a point source from the coverage of a general permit and issue an individual WPDES permit if that source meets any of the factors listed in s. 283.35(3), Wis. Stats. Issuance of such an individual permit will provide for a public comment period, and potentially a public informational hearing and/or an adjudicatory hearing. In lieu of general permit withdrawal, the Department may refer any violation of a general permit to the Department of Justice for enforcement under s. 283.91, Wis. Stats., pursuant to s. 283.89, Wis. Stats. In order to remain in compliance and avoid any enforcement action, **please read your permit carefully.**

To challenge the reasonableness of or necessity for any term or condition of an issued, reissued, or modified general permit, s. 283.63, Wis. Stats., and ch. NR 203, Wis. Adm. Code, require that you file a verified petition for review with the Secretary of the Department of Natural Resources within 60 days after notice of the permit decision was issued by the Department. For other permit-related decisions, such as the decision to confer general permit coverage to your facility, that are not reviewable pursuant to s. 283.63, Wis. Stats., it may be possible for permittees or other persons to obtain an administrative review pursuant to s. 227.42, Wis. Stats., and s. NR 2.05(5), Wis. Adm. Code, or a judicial review pursuant to s. 227.52, Wis. Stats. If you choose to pursue one of these options, you should know that Wisconsin Statutes and Administrative Code establish time periods within which requests to review Department decisions must be filed.