

INDUSTRIAL USER PRETREATMENT SCREENING INSPECTION REPORT

Inspection Entry Date/Time	06/12/2024 – 11:45	Announced: No	
Inspection Exit Date/Time	06/12/2024– 12:15	Access: Granted	
Weather	79° F, Sunny		
Media	Water		
Statute(s)/Program(s)	Clean Water Act, NPDES		
Type of Inspection	Industrial User Screening Inspection (Pretreatment Direct Implementation)		
Facility or Site Name	Auffenberg of Carbondale		
Facility/Site Physical Address	1015 East Walnut Street		
City, State, Zip Code	Carbondale, Illinois 62901		
County/Borough/Parish	Jackson		
Facility GPS Coordinates	37.72675, -89.201374		
Mailing Address (If different)	Same		
City, State, Zip Code			
Owner (If different than facility)	Same	Operator (If Different than Owner) N/A	
Address			
City, State, Zip Code			
Location in WWTP Service Area (Yes – Name of WWTP/ or N/A)	Carbondale WWTP		
FRS ID	110005827828		
Permit Number(s) (If Applicable)	N/A		
SIC and/or NAICS	5511		
Lead Inspector			
Name: Anne Marie Vincent	Signature/Date: ANNE VINCENT Digitally signed by ANNE VINCENT Date: 2024.08.08 09:09:24 -04'00'		
	Region: EPA Region 5	Email: vincent.annemarie@epa.gov	Telephone Number: (440) 250-1720
Supervisor Review			
Name: Brooke Furio	Signature/Date: BROOKE FURIO Digitally signed by BROOKE FURIO Date: 2024.08.08 09:38:19 -04'00'		
	Region: EPA Region 5	Email: furio.brooke@epa.gov	Telephone Number: (440) 250-1705

SECTION I – INTRODUCTION

Site Entry/Opening Conference and Inspection Objectives

United States Environmental Protection Agency (EPA) Region 5 Inspector(s), Anne Marie Vincent and Megan Zale, and Equipment Specialist, Christopher Frame, arrived at Auffenberg of Carbondale (the “Facility”), located at 1015 East Walnut Street, Carbondale, Illinois, 62901, at 11:45 (CT) on 6/12/2024 for an unannounced inspection. EPA Region 5 Lead Inspector Anne Marie Vincent presented credentials to Kent Martin, Fixed Operations Director. EPA Region 5 Lead Inspector Anne Marie Vincent informed the facility representative that this was an EPA Region 5 Industrial User Screening Inspection to gather information on the facility, its industrial processes, its generation and management of on-site industrial process wastewater and any on-site pretreatment systems to treat process wastewater prior to discharge or disposal as authorized by Clean Water Act (CWA) Section 308 and implementing regulations. Following the presentation of credentials, the EPA representatives conducted an opening conference with the Facility representative (see table below). Lead Inspector Anne Marie Vincent stated the purpose of the inspection again and explained that they would be completing a checklist of operational questions. In addition to the review of questions, EPA inspectors discussed the right of the Facility to claim Confidential Business Information (CBI) on any document or information shared with EPA during or after the inspection. Mr. Kent Martin did not make any CBI claims during or after the inspection.

This report is based on information supplied by Facility representatives, direct observations made by the EPA Region 5 inspectors, and records and reports maintained by the Facility and Region 5 including: verbal or written statements provided by the Facility representatives during or subsequent to the inspection; and materials, process information, data, or other documents shown, demonstrated, or submitted to the EPA Region 5 inspectors by Facility representatives during or subsequent to the on-site Inspection. In addition, information gathered prior to or subsequent to the Inspection from a review of EPA, State, and/or public records may be included in this report.

Attendees (US EPA, Facility, State, Local)

Organization	Attendee Name	Title	Contact Information	Present Opening Conference	Present Closing Conference
EPA Region 5	Anne Marie Vincent	Lead Inspector	vincent.annemarie@epa.gov 440-250-1720	Yes	Yes
EPA Region 5	Megan Zale	Inspector	zale.megan@epa.gov 440-250-1711	Yes	Yes
EPA Region 5	Chris Frame	Equipment Specialist	frame.christopher@epa.gov 440-250-1714	Yes	Yes
Auffenberg of Carbondale	Kent Martin	Fixed Operations Director	kmartin@chrisauffenberg.com 618-457-3391	Yes	Yes

SECTION II – INDUSTRIAL USER SCREENING CHECKLIST

SECTION II.A – Business Activity/Category

1. If the facility employs or will be employing processes in any of the industrial categories or business activities listed below (regardless of whether they generate wastewater, waste sludge, or hazardous waste), place a check beside that category or business activity. Check all that apply.	
☐ Airport Deicing	☐ Leather Tanning and Finishing
☐ Aluminum Forming	☐ Meat and Poultry Products
☐ Asbestos Manufacturing	☐ Metal Finishing
☐ Battery Manufacturing	☐ Metal Molding and Casting (Foundries)
☐ Canned and Preserved Fruit and Vegetable Processing	☐ Metal Products and Machinery
☐ Canned and Preserved Seafood Processing	☐ Mineral Mining and Processing
☐ Carbon Black Manufacturing	☐ Nonferrous Metals Forming
☐ Cement Manufacturing	☐ Nonferrous Metals Manufacturing
☐ Centralized Waste Treatment	☐ Oil and Gas Extraction
☐ Coal Mining	☐ Ore Mining and Dressing
☐ Coil Coating	☐ Organic Chemicals, Plastics, and Synthetic Fibers
☐ Concentrated Animal Feeding Operation and Feedlots	☐ Paint Formulating
☐ Concentrated Aquatic Animal Production	☐ Paving and Roofing Manufacturing
☐ Construction and Development	☐ Pesticide Chemicals
☐ Copper Forming	☐ Petroleum Refining
☐ Dairy Product Processing or Manufacturing	☐ Pharmaceutical Manufacturing
☐ Dental Office	☐ Phosphate Manufacturing
☐ Electrical and Electronic Components Manufacturing	☐ Photographic Processing
☐ Electroplating	☐ Plastics Molding and Forming
☐ Explosives Manufacturing	☐ Porcelain Enameling
☐ Fertilizer Manufacturing	☐ Pulp, Paper, and Paperboard Manufacturing
☐ Ferroalloy Manufacturing	☐ Rubber Manufacturing
☐ Glass Manufacturing	☐ Soap and Detergent Manufacturing
☐ Grain Mills	☐ Steam Electric Power Generating
☐ Gum and Wood Chemicals Manufacturing	☐ Sugar Processing
☐ Hospital	☐ Textile Mills
☐ Ink Formulating	☐ Timber Products
☐ Inorganic Chemicals Manufacturing	☐ Transportation Equipment Cleaning
☐ Iron and Steel Manufacturing	☐ Waste Combustors
☐ Landfill	☒ Other: Motor vehicle sales and service

2.	Date of facility construction/operation start date or date(s) of significant process changes (for purposes of existing/new source designation if applicable): MM/YYYY Or MM/DD/YYYY <u>November 2001</u>
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Section II.B – Facility Sewer Information

1.	Is the facility presently connected to a public or private sanitary sewer system? ☐ Yes/Private ☒ Yes/Public ☐ No If Yes: Are any process wastewater streams discharged directly to the public or private sewer system? ☐ Yes ☒ No Does the facility have a permit with the local POTW or are they a co-permittee on a permit to discharge untreated process wastewater to the public sewer system? ☐ Yes ☐ No If yes: POTW/WWTP Name _____, Permit # _____ If No, have you applied for a sanitary sewer connection? ☐ Yes ☐ No															
2.	Is there an on-site treatment system for process wastewater? ☒ Yes ☐ No (If yes, also See Section II.H) If Yes: Does the treatment system effluent discharge to the public sewer system? ☒ Yes ☐ No If Yes: Does the facility have a permit to discharge the effluent to the public sewer system? ☐ Yes ☒ No If Yes: Permit # _____															
3.	List the location, diameter, and average flow of each discharge pipe that connects to the sanitary sewer system.															
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 35%;">Location of Sewer Connection</th> <th style="width: 30%;">Diameter of Pipe (inches)</th> <th style="width: 35%;">Average Flow (gpd)</th> </tr> </thead> <tbody> <tr> <td>In the parking lot at the lift station</td> <td>Unknown</td> <td>Unknown</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Location of Sewer Connection	Diameter of Pipe (inches)	Average Flow (gpd)	In the parking lot at the lift station	Unknown	Unknown									
Location of Sewer Connection	Diameter of Pipe (inches)	Average Flow (gpd)														
In the parking lot at the lift station	Unknown	Unknown														

Section II.C – Facility Operational Characteristics

1.	Provide the following shift information:							
		Mon	Tue	Wed	Thu	Fri	Sat	Sun
	Shifts per workday	Service 7:30-5:30pm Sales 8:30-6:00pm	Service 7:30-5:30pm Sales 8:30-6:00pm	Service 7:30-5:30pm Sales 8:30-6:00pm	Service 7:30-5:30pm Sales 8:30-6:00pm	Service 7:30-5:30pm Sales 8:30-6:00pm	Sales 8:30 - 5:00pm	
2.	Indicate whether the business activity is: ☒ Continuous throughout the year ☐ Seasonal Months when business operates: ☐ J ☐ F ☐ M ☐ A ☐ M ☐ J ☐ J ☐ A ☐ S ☐ O ☐ N ☐ D							
3.	Indicate whether the facility discharge is: ☐ Continuous throughout the year ☐ Seasonal Months when discharges occur: ☐ J ☐ F ☐ M ☐ A ☐ M ☐ J ☐ J ☐ A ☐ S ☐ O ☐ N ☐ D							
4.	List types and amounts (mass or volume per day) of raw materials used or planned for use:							
	Raw Material				Amount			
	N/A							

Section II.C – Facility Operational Characteristics (Continued)

5.	List types and quantities (mass or volume per day) of chemicals used or planned for use:	
	Chemical	Quantity
	Antifreeze	Unknown
	Parts-washing solvents	5-gallon bucket (estimate)
	Automobile oils	Unknown

6.	Brief general description of all operations at this facility (detailed process unit information noted in Section II.F). Automotive sales and service with routine maintenance and warranty work

7.	Request copies of the process diagram, flow diagram, and/or general facility diagram (if previous responses warrant more detailed information to understand the processes, flows or sewer connections). ☐ Yes ☒ No
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Section II.D – Spill Prevention

1.	Do you have liquid storage containers (tanks, drums, totes, bins, ponds, etc.) at your facility? ☒ Yes ☐ No	
2.	Do you have floor drains in the manufacturing area or where liquids are stored? ☒ Yes ☐ No	
	If yes, where do floor drains drain to? On Saturdays, the floors are cleaned with a floor cleaner solution and buffed. The small amount of water used would go to the sanitary sewer. Aboveground double-wall tanks (300 and 350 gallons) and a 100-gallon tote of GM oils are in a holding area with no floor drains. There is oil dry available for addressing any oil spills in the service center.	
3.	Indicate whether an accidental spill at your facility could lead to a discharge to any of the following. Check all that apply.	
	☐ On-site disposal/treatment system (grease trap)	☐ Ground (outside)
	☐ Public sanitary sewer system	☒ Floor (inside)
	☐ Storm drain	☐ Other – Specify: (unknown)
4.	Does facility have a spill prevention plan to prevent spills of liquids from entering the Control Authority's collection/sewer system? ☐ Yes ☐ No ☒ N/A (No potential for spill to discharge to public sewer/collection system)	

Section II.E – Water Supply

1.	Water Source:		
	☒ Municipal Water Utility	Specify: Carbondale	
	Name as listed on water bill: Mr. Martin believes it is billed to the business: Auffenberg of Carbondale		
	Address: 1015 East Walnut Street, Carbondale, IL 62901		
	☐ Private Well		
	☐ Surface Water		
	☐ Other:		
2.	Provide the following information for all water usage at the facility:		
	Type of Water Use	Average Water Usage (gpd)	Estimated or Measured
	☒ Sanitary	Unknown	
	☐ Non-contact cooling water		
	☐ Boiler feeding		
	☐ Process		
	☐ Equipment/facility washdown		
	☐ Contact cooling water		
	☐ Air pollution control		
	☐ Irrigation and lawn watering		
	☐ Contained in product		
	☒ Other: Automatic car wash	Unknown Volume – wash water flows into a collection pit where solids settle out and the top liquid layer flows to the sanitary sewer.	
	Total:		

Section II.F – Wastewater Discharge Information

1.	Provide the following information for all wastewater generated (gallons per day - GPD) at the facility:					
	Type of Wastewater	Average Volume (GPD)	Maximum Volume (GPD)	Estimated or Measured	Type of Discharge	Discharges To
	☒ Sanitary	Unknown			Continuous	Sanitary
	☐ Non-contact cooling water					
	☐ Boiler blowdown					
	☐ Process wastewater	Use table below.				
	☐ Equipment/facility washdown					
	☐ Contact cooling water					
	☐ Air pollution control					
	☐ Stormwater runoff					
	☒ Other: Automatic Car wash	Unknown - dependant on use				Sanitary

Section II.F – Wastewater Discharge Information (Continued)

2.	Provide the following information for process wastewater generated by each unit process:						
	Unit Process Description	Average Wastewater Generated (gpd)	Maximum Wastewater Generated (gpd)	Estimated or Measured	Type of Discharge	Discharges To	
	Automatic Car Wash	Unknown			Continuous (When in use)	Sanitary	
3.	Flow Rates for discharge of process wastewater to the sanitary sewer system: Unknown, flow not metered to sanitary system.						
	Average daily flow rate (gpd): Unknown			Maximum daily flow rate (gpd): Unknown			
	Peak hourly flow rate (gpd): Unknown						
	Hours per day of wastewater discharge to sanitary sewer system: (e.g., 8) Dependent on frequency of use of the Automatic Car Wash. Service Center hours are generally 7:30 am – 5:30 pm.						
	Mon	Tue	Wed	Thu	Fri	Sat	Sun
4.	Do batch discharges to the sanitary sewer system occur (or will occur)? ☐ Yes ☒ No						
	Number of batch discharges per time period (specify per day, week, month, etc.):						
	Average volume per batch discharge (gal):						
	Flow rate (gpm):						
5.	Do you have (or plan to have) continuous wastewater flow metering equipment at this facility? ☐ Yes ☒ No						
6.	Do you have (or plan to have) automatic sampling equipment at this facility? ☐ Yes ☒ No						
	If yes, describe the present or future location of the automatic sampling equipment and describe the equipment:						
	N/A						

Section II.F – Wastewater Discharge Information (Continued)

7.	Has the discharge at this facility changed historically? ☐ Yes ☒ No Are any process changes or expansions planned during the next three years that could alter wastewater volumes or characteristics (i.e., substantially increase/decrease flow characteristics/flow rates) to the sewer in the future? ☐ Yes ☒ No
	If yes, briefly describe these changes and their effects on the wastewater volume and characteristics:
	N/A
8.	Are any recycling or reclamation systems in use or planned? ☐ Yes ☒ No
	If yes, briefly describe the recovery process, substance recovered, percent recovered, and the concentration in the spent solution:
	N/A

Section II.G – Slug Discharge Control

1.	Do you have the potential for a slug discharge to the sewer system? ☐ Yes ☒ No A slug discharge is any discharge of a non-routine episodic nature, including but not limited to an accidental spill or a non-customary batch discharge, which has a reasonable potential to cause interference or pass-through, or in any other way violate the POTW's regulations, local limits, or permit conditions [40 CFR 403.8(f)(2)(v)].
2.	Describe the type of potential slug discharge, including quality and content.
	There is no formal Slug Control Plan.
3.	Describe the current mechanisms for prevention of slug discharges.
	Oil storage tanks and totes – The oil storage tanks are double-wall tanks which provide secondary containment if the inner tank begins to leak. Storage totes are stored in a holding area that does not have floor drains present. The facility also has portable containment structures that can be set in place to contain any spills, according to Mr. Martin.

Section II.H – Treatment

1.	Is any form of process wastewater treatment (see list below) used at this facility? ☒ Yes ☐ No If yes, place a check beside the treatment devices or processes that are used (or will be used) for treating wastewater or sludge at this facility. Check all that apply.		
	☐ Air flotation	☐ Grease trap	☐ Screen
	☐ Centrifuge	☐ Grinding filter	☐ Sedimentation
	☐ Chemical precipitation	☐ Grit removal	☐ Septic tank
	☐ Chlorination	☐ Ion exchange	☐ Solvent separation/recovery
	☐ Cyclone	☐ Neutralization, pH correction	☐ Spill protection
	☐ Filtration	☐ Ozonation	☐ Sump
	☐ Flow equalization	☐ Reverse osmosis	☐ Rainwater diversion or storage
	☐ Grease or oil separation		
	☐ Biological treatment: Specify		
	☐ Other chemical treatment: Specify		
	☒ Other physical treatment: Specify Wash water from the car wash flows into a collection pit where solids/grit settle out and the top liquid layer flows to the sanitary sewer. Safety Kleen removes the solids via vacuum truck as needed.		
	☐ Other:		
2.	Do you have a treatment operator(s)? ☐ Yes ☒ No If yes, provide the following information:		
	Name:		Operator Class/Type:
	Title:	Hours:	Phone:
	Name:		Operator Class/Type:
	Title:	Hours:	Phone:
	Name:		Operator Class/Type:
	Title:	Hours:	Phone:
	Name:		Operator Class/Type:
	Title:	Hours:	Phone:
3.	Is any form of wastewater treatment (or changes to existing wastewater treatment) planned for this facility within the next three years? ☐ Yes ☒ No If yes, describe any changes in treatment or disposal methods planned or under construction for the wastewater discharge to the sanitary sewer and estimated completion dates.		
4.	Does the process wastewater treatment system effluent discharge to a surface waterbody? ☐ Yes ☒ No If Yes: Does the facility have a permit to discharge the effluent directly to a waterbody? ☐ Yes ☐ No If Yes: Permit # _____		

Section II.I – Non-Discharged Wastes

1.	Are any waste liquids or sludges generated and not disposed of in the sanitary sewer system? ☒ Yes ☐ No		
	If no, skip the remainder of Section II.I.		
	If yes, list in the table below:		
	Waste Generated	Quantity (per year)	Disposal Method
	Solids/grit from the car wash wash-water collection pit	Unknown	Safety Kleen removes via vacuum truck
	Used oil in holding tank	Unknown	Safety Kleen removes
	Used antifreeze in drum	Unknown	Safety Kleen removes
	**During winter months, the collected used oil is used to run the furnace for the service/shop area. Safety Kleen would pick up any remaining used oil that isn't used in the furnace.		
2.	If any facility wastes are sent to an off-site centralized waste treatment facility, identify the facility and the wastes that it receives.		
	No, per Mr. Martin.		
3.	If an outside firm removes any of the wastes, list the name, address, and permit number of all waste haulers:		
	Name	Address	Permit Number (if applicable)
	Safety Kleen	Street not known, Missouri	
4.	Have you been issued any federal, state, or local environmental permits? ☐ Yes ☒ No		
	If yes, list the permits:		
5.	Describe where and how waste liquids and sludges are stored prior to disposal.		
	They are stored in the shop/service center in a storage/holding area with no floor drains.		

SECTION III – CLOSING CONFERENCE AND FOLLOW UP

Closing Conference

The EPA Region 5 Lead Inspector, Anne Marie Vincent, held a closing conference at 12:08 PM (CT) on 6/12/2024. During the closing conference, EPA Region 5 Lead Inspector Anne Marie Vincent restated the purpose of the inspection survey and explained that a copy of the final survey inspection checklist will be provided to Auffenberg of Carbondale.

At the time of the inspection, EPA did not request any follow up documents.

EPA did not receive any additional information following the inspection.