



Department of
Environmental
Conservation

State Pollutant Discharge Elimination System (SPDES) DISCHARGE PERMIT - INDUSTRIAL

Industrial Code:	7542	SPDES Number:	NY0280020
Discharge Class (CL):	01	DEC Number:	1-4722-06806/00001
Toxic Class (TX):	T	Effective Date (EDP):	May 1, 2020
Major Drainage Basin:	17	Expiration Date (ExDP):	April 30, 2030
Sub Drainage Basin:	02	Modification Dates: (EDPM)	
Water Index Number:	Groundwater		
Compact Area:			

This SPDES permit is issued in compliance with Title 8 of Article 17 of the Environmental Conservation Law of New York State and in compliance with the Clean Water Act, as amended, (33 U.S.C. '1251 et.seq.)(hereinafter referred to as "the Act").

PERMITTEE NAME AND ADDRESS			
Name:	David Donofrio	Attention:	
Street:	6 Gingham Ct.		
City:	Ridge	State:	NY Zip Code: 11961
Email:	dave@allislandlandscaping.com	Phone:	(631) 252-7161

is authorized to discharge from the facility described below:

FACILITY NAME AND ADDRESS			
Name:	All Island Car Wash and Detail Center, Inc		
Location (C, T, V):	Middle Island	County:	Suffolk
Facility Address:	601 Middle Country Road		
City:	Middle Island	State:	NY Zip Code: 11953
Facility Latitude	40 ° 52 ' 53.8 "	Facility Longitude	72 ° 57 ' 07.0 "

through the following permitted outfalls:

Primary Outfall	Type of Discharge	NAICS Code	Outfall Latitude	Outfall Longitude
001	Treated Car Wash Wastewater	811192	40 ° 52 ' 54.6 "	72 ° 57 ' 07 "
into receiving waters known as:			Groundwater	Class: GA
Outfall	Type of Discharge	NAICS Code	Outfall Latitude	Outfall Longitude
002	Sanitary		40 ° 52 ' 54.3 "	72 ° 57 ' 06.6 "
into receiving waters known as:			Groundwater	Class: GA

This permit and the authorization to discharge shall expire on midnight of the expiration date shown above and the permittee shall not discharge after the expiration date unless this permit has been renewed or extended pursuant to law. To be authorized to discharge beyond the expiration date, the permittee shall apply for permit renewal not less than 180 days prior to the expiration date shown above.

DISTRIBUTION:
CO BWP - Permit Coordinator
RWE
RPA

Permit Administrator:	Susan Ackerman, Regional Permit Administrator		
Address:	50 Circle Rd. Stony Brook, NY 11790		
Signature:		Date:	/ /

PERMIT LIMITS, LEVELS AND MONITORING DEFINITIONS

OUTFALL	WASTEWATER TYPE	RECEIVING WATER	EFFECTIVE	EXPIRING
	This cell describes the type of wastewater authorized for discharge. Examples include process or sanitary wastewater, storm water, non-contact cooling water.	This cell lists classified waters of the state to which the listed outfall discharges.	The date this page starts in effect. (e.g., EDP or EDPM)	The date this page is no longer in effect. (e.g., ExDP)

PARAMETER	MINIMUM	MAXIMUM	UNITS	SAMPLE FREQ.	SAMPLE TYPE
e.g., pH, TRC, Temperature, D.O.	The minimum level that must be maintained at all instants in time.	The maximum level that may not be exceeded at any instant in time.	SU, °F, mg/l, etc.	See below	See below

PARAMETER	EFFLUENT LIMIT or CALCULATED LEVEL	COMPLIANCE LEVEL/ ML	ACTION LEVEL	UNITS	SAMPLE FREQUENCY	SAMPLE TYPE
	Limit types are defined below in Note 1. The effluent limit is developed based on the more stringent of technology-based limits, required under the Clean Water Act, or New York State water quality standards. The limit has been derived based on existing assumptions and rules. These assumptions include receiving water hardness, pH, and temperature; rates of this and other discharges to the receiving stream; etc. If assumptions or rules change the limit may, after due process and modification of this permit, change.	For the purposes of compliance assessment, the permittee shall use the approved EPA analytical method with the lowest possible detection limit as promulgated under 40CFR Part 136 for the determination of the concentrations of parameters present in the sample unless otherwise specified. If a sample result is below the detection limit of the most sensitive method, compliance with the permit limit for that parameter was achieved. Monitoring results that are lower than this level must be reported but shall not be used to determine compliance with the calculated limit. This PQL can be neither lowered nor raised without a modification of this permit.	Action Levels are monitoring requirements, as defined below in Note 2, which trigger additional monitoring and permit review when exceeded.	This can include units of flow, pH, mass, temperature, or concentration. Examples include µg/l, lbs/d, etc.	Examples include Daily, 3/week, weekly, 2/month, monthly, quarterly, 2/yr and yearly. All monitoring periods (quarterly, semiannual, annual, etc) are based upon the calendar year unless otherwise specified in this Permit.	Examples include grab, 24-hour composite and 3 grab samples collected over a 6-hour period.

Notes:

1. EFFLUENT LIMIT TYPES:

- a. **DAILY DISCHARGE:** The discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for the purposes of sampling. For pollutants expressed in units of mass, the ‘daily discharge’ is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the ‘daily discharge’ is calculated as the average measurement of the pollutant over the day.
- b. **DAILY MAX.:** The highest allowable daily discharge. **DAILY MIN.:** The lowest allowable daily discharge.
- c. **MONTHLY AVG:** The highest allowable average of daily discharges over a calendar month, calculated as the sum of each of the daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.
- d. **7 DAY ARITHMETIC MEAN (7-day average):** The highest allowable average of daily discharges over a calendar week.
- e. **30 DAY GEOMETRIC MEAN:** The highest allowable geometric mean of daily discharges over a calendar month, calculated as the antilog of: the sum of the log of each of the daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.
- f. **7 DAY GEOMETRIC MEAN:** The highest allowable geometric mean of daily discharges over a calendar week.
- g. **RANGE:** The minimum and maximum instantaneous measurements for the reporting period must remain between the two values shown.

- 2. **ACTION LEVELS:** Routine Action Level monitoring results, if not provided for on the Discharge Monitoring Report (DMR) form, shall be appended to the DMR for the period during which the sampling was conducted. If the additional monitoring requirement is triggered as noted below, the permittee shall undertake a short-term, high-intensity monitoring program for the parameter(s). Samples identical to those required for routine monitoring purposes shall be taken on each of at least three consecutive operating and discharging days and analyzed. Results shall be expressed in terms of both concentration and mass and shall be submitted no later than the end of the third month following the month when the additional monitoring requirement was triggered. Results may be appended to the DMR or transmitted under separate cover to the same address. If levels higher than the Action Levels are confirmed, the permit may be reopened by the Department for consideration of revised Action Levels or effluent limits. The permittee is not authorized to discharge any of the listed parameters at levels which may cause or contribute to a violation of water quality standards.

PERMIT LIMITS, LEVELS AND MONITORING

OUTFALL No.	WASTEWATER TYPE			RECEIVING WATER	EFFECTIVE	EXPIRING
001	Treated rinse water from washing of automobiles			Groundwater		
PARAMETER	MINIMUM	MAXIMUM	UNITS	SAMPLE FREQUENCY	SAMPLE TYPE	FOOTNOTES (FN)
pH	6.5	8.5	SU	Monthly	Grab	
PARAMETER	EFFLUENT LIMIT		UNITS	SAMPLE FREQUENCY	SAMPLE TYPE	FN
	Daily Avg	Daily Max				
Flow		5000	GPD	Monthly	Measured	
Chloride		500	mg/L	Monthly	Grab	
Oil & Grease		15	mg/L	Monthly	Grab	
Surfactants		1	mg/L	Monthly	Grab	
Total Dissolved Solids		1000	mg/L	Monthly	Grab	
Total Suspended Solids		30	mg/L	Monthly	Grab	
Aluminum		2000	µg/L	Monthly	Grab	
Antimony		10	µg/L	Monthly	Grab	
Arsenic		50	µg/L	Monthly	Grab	
Beryllium		3	µg/L	Monthly	Grab	
Cadmium		10	µg/L	Monthly	Grab	
Chromium		100	µg/L	Monthly	Grab	
Copper		1000	µg/L	Monthly	Grab	
Iron		No net gain	µg/L	Monthly	Calculate	1
Lead		50	µg/L	Monthly	Grab	
Nickel		200	µg/L	Monthly	Grab	
Silver		100	µg/L	Monthly	Grab	
Thallium		4	µg/L	Monthly	Grab	
Zinc		5000	µg/L	Monthly	Grab	

PERMIT LIMITS, LEVELS AND MONITORING (continued)

OUTFALL	WASTEWATER TYPE		RECEIVING WATER	EFFECTIVE	EXPIRING	
001	Treated rinse water from washing of automobiles		Groundwater			
PARAMETER	EFFLUENT LIMIT or CALCULATED LEVEL		UNITS	SAMPLE FREQUENCY	SAMPLE TYPE	FN
	Daily Avg	Daily Max				
Acetone		50	µg/L	Monthly	Grab	
Benzene		1	µg/L	Monthly	Grab	
Chloroform		7	µg/L	Monthly	Grab	
Chrysene		0.6	µg/L	Monthly	Grab	
Ethylene glycol		50	µg/L	Monthly	Grab	
Toluene		5	µg/L	Monthly	Grab	
Methylene Chloride		5	µg/L	Monthly	Grab	
Napthalene		10	µg/L	Monthly	Grab	
Ethylbenzene		5	µg/L	Monthly	Grab	
Tetrachloroethene		5	µg/L	Monthly	Grab	
Trichloroethene		5	µg/L	Monthly	Grab	
Phenol, Total		4	µg/L	Monthly	Grab	2
Bis(2-Ethylhexyl) phthalate		5	µg/L	Monthly	Grab	
Xylene-Ortho		5	µg/L	Monthly	Grab	
Xylene-Para+Meta		10	µg/L	Monthly	Grab	
Diethyl phthalate		50	µg/L	Monthly	Grab	

Footnote:

1. Iron – sample must be taken influent (prior to the car wash) and effluent and report the net gain.
2. Phenol, Total – Until there is an ELAP certified laboratory that can perform the required the required testing procedure with more sensitive detection level, the limit will be 4 µg/L, in accordance with Part 702.16(c).(2). The effluent permit limit for the Total Phenol must be 2 µg/L, once there is an ELAP certified laboratory that can detect to that level.

OUTFALL	WASTEWATER TYPE	RECEIVING WATER	EFFECTIVE	EXPIRING
002	Sanitary Wastewater Only – No Monitoring Required	Groundwater		

SPECIAL CONDITIONS - INDUSTRY BEST MANAGEMENT PRACTICES

1. **General** - The permittee shall develop, maintain, and implement a Best Management Practices (BMP) plan to prevent releases of significant amounts of pollutants to the waters of the State through plant site runoff; spillage and leaks; sludge or waste disposal; and stormwater discharges including, but not limited to, drainage from raw material storage. The BMP plan shall be documented in narrative form and shall include the 13 minimum BMPs and any necessary plot plans, drawings, or maps. Other documents already prepared for the facility such as a Safety Manual or a Spill Prevention, Control and Countermeasure (SPCC) plan may be used as part of the plan and may be incorporated by reference. A copy of the current BMP plan shall be submitted to the Department as required in item (2.) below and a copy must be maintained at the facility and shall be available to authorized Department representatives upon request.
2. **Compliance Deadlines** - The initial completed BMP plan shall be submitted **EDP + 3 months** to the Regional Water Manager. The BMP plan shall be implemented within 6 months of submission unless a different time frame is approved by the Department. The BMP plan shall be reviewed annually and shall be modified whenever (a) changes at the facility materially increase the potential for releases of pollutants; (b) actual releases indicate the plan is inadequate, or (c) a letter from the Department identifies inadequacies in the plan. The permittee shall certify in writing, as an attachment to the December Discharge Monitoring Report (DMR), that the annual review has been completed. All BMP plan revisions (with the exception of SWPPPs - see item (5.) below) must be submitted to the Regional Water Engineer within 30 days. Note that the permittee is not required to obtain Department approval of the BMP plan (or of any SWPPPs) unless notified otherwise. Subsequent modifications to or renewal of this permit does not reset or revise these deadlines unless a new deadline is set explicitly by such permit modification or renewal.
3. **Facility Review** - The permittee shall review all facility components or systems (including but not limited to material storage areas; in-plant transfer, process, and material handling areas; loading and unloading operations; storm water, erosion, and sediment control measures; process emergency control systems; and sludge and waste disposal areas) where materials or pollutants are used, manufactured, stored or handled to evaluate the potential for the release of pollutants to the waters of the State. In performing such an evaluation, the permittee shall consider such factors as the probability of equipment failure or improper operation, cross-contamination of storm water by process materials, settlement of facility air emissions, the effects of natural phenomena such as freezing temperatures and precipitation, fires, and the facility's history of spills and leaks. The relative toxicity of the pollutant shall be considered in determining the significance of potential releases. The review shall address all substances present at the facility that are identified in Tables 6-10 of SPDES application Form NY-2C (available at http://www.dec.ny.gov/docs/permits_ej_operations_pdf/form2c.pdf) or that are required to be monitored for by the SPDES permit.
4. **13 Minimum BMPs:** Whenever the potential for a release of pollutants to State waters is determined to be present, the permittee shall identify BMPs that have been established to prevent or minimize such potential releases. Where BMPs are inadequate or absent, appropriate BMPs shall be established. In selecting appropriate BMPs, the permittee shall consider good industry practices and, where appropriate, structural measures such as secondary containment and erosion/sediment control devices and practices. USEPA guidance for development of stormwater elements of the BMP is available in the September 1992 manual *Storm Water Management for Industrial Activities*, EPA 832-R-92-006 (available from NTIS, 703-487-4650, order # PB 92235969). As a minimum, the plan shall include the following BMPs:

1. BMP Pollution Prevention Team	6. Security	10. Spill Prevention & Response
2. Reporting of BMP Incidents	7. Preventive Maintenance	11. Erosion & Sediment Control
3. Risk Identification & Assessment	8. Good Housekeeping	12. Management of Runoff
4. Employee Training	9. Materials/Waste Handling, Storage, & Compatibility	13. Street Sweeping
5. Inspections and Records		

Note that for some facilities, especially those with few employees, some of the above BMPs may not be applicable. It is acceptable in these cases to indicate "Not Applicable" for the portion(s) of the BMP Plan that do not apply to your facility, along with an explanation.

SPECIAL CONDITIONS - INDUSTRY BEST MANAGEMENT PRACTICES (continued)

5. **Stormwater Pollution Prevention Plans (SWPPPs) Required for Discharges of Stormwater from Construction Activity to Surface Waters** - As part of BMP #11, a SWPPP shall be developed prior to the initiation of any site disturbance of one acre or more of uncontaminated area. Uncontaminated area means soils or groundwater which are free of contamination by any toxic or non-conventional pollutants identified in Tables 6-10 of SPDES application Form NY-2C. Disturbance of any size contaminated area(s) and the resulting discharge of contaminated stormwater is not authorized by this permit unless the discharge is under State or Federal oversight as part of a remedial program or after review by the Regional Water Engineer; nor is such discharge authorized by any SPDES general permit for stormwater discharges. SWPPPs are not required for discharges of stormwater from construction activity to groundwaters. The SWPPP shall conform to the *New York Standards and Specifications for Erosion and Sediment Control* and *New York State Stormwater Management Design Manual*, unless a variance has been obtained from the Regional Water Engineer, and to any local requirements. The permittee shall submit a copy of the SWPPP and any amendments thereto to the local governing body and any other authorized agency having jurisdiction or regulatory control over the construction activity **at least 30 days prior to soil disturbance**. The SWPPP shall also be submitted to the Regional Water Engineer if contamination, as defined above, is involved and the permittee must obtain a determination of any SPDES permit modifications and/or additional treatment which may be required prior to soil disturbance. Otherwise, the SWPPP shall be submitted to the Department only upon request. When a SWPPP is required, a properly completed *Notice of Intent* (NOI) form shall be submitted (available at www.dec.ny.gov/chemical/43133.html) prior to soil disturbance. Note that submission of a NOI is required for informational purposes; the permittee is not eligible for and will not obtain coverage under any SPDES general permit for stormwater discharges, nor are any additional permit fees incurred. SWPPPs must be developed and submitted for subsequent site disturbances in accordance with the above requirements. The permittee is responsible for ensuring that the provisions of each SWPPP are properly implemented.

SCHEDULE OF COMPLIANCE

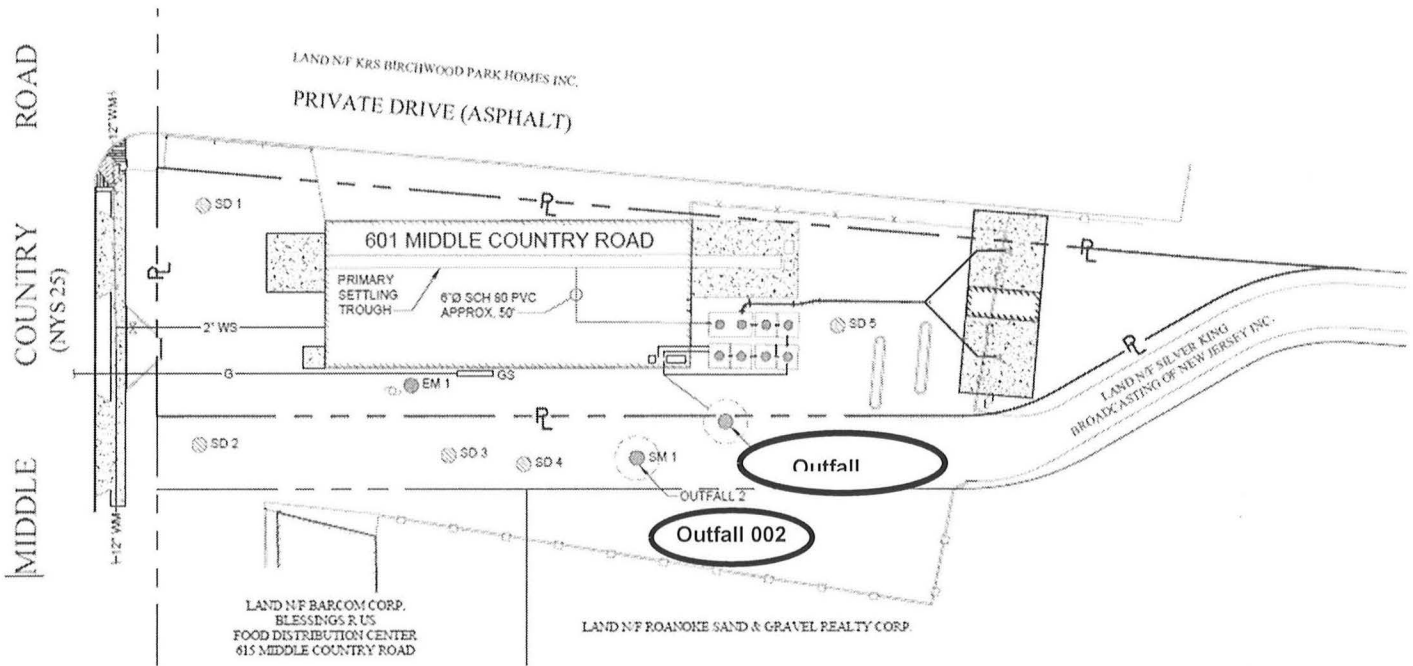
a) The permittee shall comply with the following schedule:

Outfall(s)	Compliance Action	Due Date
001	<p>1. Permittee shall conduct short term, high intensity, monitoring (STHIM). Permittee shall sample the discharge one time per week, for four weeks, for all parameters listed on page 3 of this permit and submit the results to this Department. If the STHIM indicates that the Advanced Treatment System (ATS) discharge is compliant with the discharge limitations listed on page 3 of this permit, compliance action 4 shall be undertaken. If the STHIM indicates that the ATS discharge is not compliant with the discharge limitations listed on page 3 of this permit, compliance actions 2 and 3 below shall be undertaken.</p> <p>2. Permittee shall submit a Design Report including plans and specifications for an Advanced Treatment System (ATS) signed and stamped by a Professional Engineer (P.E.) licensed to practice in New York State, capable of meeting the discharge limitations listed on page 3 of this permit. After Departmental review, install the ATS, which must remain functional and be operated continuously when the facility is operating and/or discharging wastewater.</p> <p>3. Permittee shall demonstrate that the wastewater discharged to the leaching pools from the ATS, meets the discharge limitations listed on page 3 of this permit by conducting STHIM. The results of the STHIM, as-built plans for the ATS, and an O&M Manual with accompanying letter, as described above, must be submitted at this time and compliance action 4 shall be undertaken.</p> <p>4. Schedule a final facility inspection and demonstrate a working knowledge of the treatment system including maintenance and troubleshooting procedures. System shall meet final effluent limits.</p>	<p>EDP Date + 60 Days</p> <p>EDP Date + 90 Days</p> <p>Operational Status of Advanced Treatment System + 60 Days</p> <p>EDP Date+ 60 Days Or Operational Status of Advanced Treatment System + 60 Days</p>
<p>The above compliance actions are one-time requirements. The permittee shall comply with the above compliance actions to the Department's satisfaction once. When this permit is administratively renewed by NYSDEC letter entitled "SPDES NOTICE/RENEWAL APPLICATION/PERMIT," the permittee is not required to repeat the submission(s) noted above. The above due dates are independent from the effective date of the permit stated in the "SPDES NOTICE/RENEWAL APPLICATION/PERMIT" letter.</p>		

- b) For any action where the compliance date is greater than 9 months past the previous compliance due date, the permittee shall submit interim progress reports to the Department every nine (9) months until the due date for these compliance items are met.
- c) The permittee shall submit a written notice of compliance or non-compliance with each of the above schedule dates no later than 14 days following each elapsed date unless conditions require more immediate notice as prescribed in 6 NYCRR Part 750-1.2(a) and 750-2. All such compliance or non-compliance notification shall be sent to the locations listed under the section of this permit entitled RECORDING, REPORTING AND ADDITIONAL MONITORING REQUIREMENTS. Each notice of non-compliance shall include the following information:
 - 1. A short description of the non-compliance;
 - 2. A description of any actions taken or proposed by the permittee to comply with the elapsed schedule requirements without further delay and to limit environmental impact associated with the non-compliance;
 - 3. A description or any factors which tend to explain or mitigate the non-compliance; and
 - 4. An estimate of the date the permittee will comply with the elapsed schedule requirement and an assessment of the probability that the permittee will meet the next scheduled requirement on time.
- d) The permittee shall submit copies of any document required by the above schedule of compliance to the NYSDEC Regional Water Engineer at 50 Circle Road, Stony Brook, NY 11790 and to the Bureau of Water Permits, 625 Broadway, Albany, N.Y. 12233-3505, unless otherwise specified in this permit or in writing by the Department.

MONITORING LOCATIONS

The permittee shall take samples and measurements, to comply with the monitoring requirements specified in this permit, at the location(s) specified below:



GENERAL REQUIREMENTS

- A. The regulations in 6 NYCRR Part 750 are hereby incorporated by reference and the conditions are enforceable requirements under this permit. The permittee shall comply with all requirements set forth in this permit and with all the applicable requirements of 6 NYCRR Part 750 incorporated into this permit by reference, including but not limited to the regulations in paragraphs B through I as follows:
- B. General Conditions
- | | |
|--|--|
| 1. Duty to comply | 6NYCRR 750-2.1(e) & 2.4 |
| 2. Duty to reapply | 6NYCRR 750-1.16(a) |
| 3. Need to halt or reduce activity not a defense | 6NYCRR 750-2.1(g) |
| 4. Duty to mitigate | 6NYCRR 750-2.7(f) |
| 5. Permit actions | 6NYCRR 750-1.1(c), 1.18, 1.20 & 2.1(h) |
| 6. Property rights | 6NYCRR 750-2.2(b) |
| 7. Duty to provide information | 6NYCRR 750-2.1(i) |
| 8. Inspection and entry | 6NYCRR 750-2.1(a) & 2.3 |
- C. Operation and Maintenance
- | | |
|-----------------------------------|-------------------------------------|
| 1. Proper Operation & Maintenance | 6NYCRR 750-2.8 |
| 2. Bypass | 6NYCRR 750-1.2(a)(17), 2.8(b) & 2.7 |
| 3. Upset | 6NYCRR 750-1.2(a)(94) & 2.8(c) |
- D. Monitoring and Records
- | | |
|---------------------------|---|
| 1. Monitoring and records | 6NYCRR 750-2.5(a)(2), 2.5(a)(6), 2.5(c)(1), 2.5(c)(2), & 2.5(d) |
| 2. Signatory requirements | 6NYCRR 750-1.8 & 2.5(b) |
- E. Reporting Requirements
- | | |
|---|----------------------------------|
| 1. Reporting requirements for non-POTWs | 6NYCRR 750-2.5, 2.6, 2.7, & 1.17 |
| 2. Anticipated noncompliance | 6NYCRR 750-2.7(a) |
| 3. Transfers | 6NYCRR 750-1.17 |
| 4. Monitoring reports | 6NYCRR 750-2.5(e) |
| 5. Compliance schedules | 6NYCRR 750-1.14(d) |
| 6. 24-hour reporting | 6NYCRR 750-2.7(c) & (d) |
| 7. Other noncompliance | 6NYCRR 750-2.7(e) |
| 8. Other information | 6NYCRR 750-2.1(f) |
- F. Sludge Management
- The permittee shall comply with all applicable requirements of 6 NYCRR Part 360.
- G. SPDES Permit Program Fee
- The permittee shall pay to the Department an annual SPDES permit program fee within 30 days of the date of the first invoice, unless otherwise directed by the Department, and shall comply with all applicable requirements of ECL 72-0602 and 6 NYCRR Parts 480, 481 and 485. Note that if there is inconsistency between the fees specified in ECL 72-0602 and 6 NYCRR Part 485, the ECL 72-0602 fees govern.
- H. Water Treatment Chemicals (WTCs)
- New or increased use and discharge of a WTC requires prior Department review and authorization. At a minimum, the permittee must notify the Department in writing of its intent to change WTC use by submitting a completed *WTC Notification Form* for each proposed WTC. The Department will review that submittal and determine if a SPDES permit modification is necessary or whether WTC review and authorization may proceed outside of the formal permit administrative process. The majority of WTC authorizations do not require SPDES permit modification. In any event, use and discharge of a WTC shall not proceed without prior authorization from the Department. Examples of WTCs include biocides, coagulants, conditioners, corrosion inhibitors, defoamers, deposit control agents, flocculants, scale inhibitors, sequestrants, and settling aids.
1. WTC use shall not exceed the rate explicitly authorized by this permit or otherwise authorized in writing by the Department.
 2. The permittee shall maintain a logbook of all WTC use, noting for each WTC the date, time, exact location, and amount of each dosage, and the name of the individual applying or measuring the chemical. The logbook must also document that adequate process controls are in place to ensure that excessive levels of WTCs are not used.
 3. The permittee shall submit a completed WTC Annual Report Form each year that they use and discharge WTCs. This form shall be submitted in electronic format and attached to either the December DMR or the annual monitoring report required below. The *WTC Notification Form* and *WTC Annual Report Form* are available from the Department's website at: <http://www.dec.ny.gov/permits/93245.html>

RECORDING, REPORTING AND ADDITIONAL MONITORING REQUIREMENTS

- A. The monitoring information required by this permit shall be retained for a period of at least five years from the date of the sampling for subsequent inspection by the Department or its designated agent.
- B. The monitoring information required by this permit shall be summarized and reported by submitting:

Discharge Monitoring Reports (DMRs): Completed DMR forms shall be submitted for each 1-month reporting period in accordance with the DMR Manual available on the Department's website.

DMRs must be submitted electronically using the electronic reporting tool specified by NYSDEC. Instructions on the use of the electronic reporting tool are available in the DMR Manual.

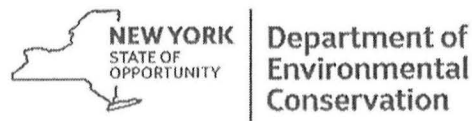
To submit via hard copy: Hard copy paper DMRs will only be accepted by the Department if a waiver from the electronic submittal requirements has been granted by DEC to the facility. DMRs shall be sent to:

Department of Environmental Conservation
Division of Water, Bureau of Water Compliance
625 Broadway, Albany, New York 12233-3506
Phone: (518) 402-8177

The first monitoring period begins on the effective date of this permit, and, unless otherwise required, the reports are due no later than the 28th day of the month following the end of each monitoring period.

- C. Monitoring and analysis shall be conducted using sufficiently sensitive test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit.
- D. More frequent monitoring of the discharge(s), monitoring point(s), or waters of the State than required by the permit, where analysis is performed by a certified laboratory or where such analysis is not required to be performed by a certified laboratory, shall be included in the calculations, and recording of the data on the corresponding DMRs.
- E. Calculations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified in this permit.
- F. Unless otherwise specified, all information recorded on the DMRs shall be based upon measurements and sampling carried out during the most recently completed reporting period.
- G. Any laboratory test or sample analysis required by this permit for which the State Commissioner of Health issues certificates of approval pursuant to section 502 of the Public Health Law shall be conducted by a laboratory which has been issued a certificate of approval. Inquiries regarding laboratory certification should be directed to the New York State Department of Health, Environmental Laboratory Accreditation Program.

SPDES Permit Fact Sheet
David Donofrio
All Island Car Wash and Detail
Center, Inc.
NY0280020



Contents

Summary of Permit Changes	3
Administrative History	3
Facility Information	3
Receiving Water Information.....	3
Mixing Zone and Critical Receiving Water Data	4
Permit Requirements	4
Best Management Practices (BMPs).....	4
Schedule(s) of Compliance	4
Special Conditions	4
Appendix: Regulatory and Technical Basis of Permit Authorizations	5
Regulatory References	5

Summary of Permit Changes

A State Pollutant Discharge Elimination System (SPDES) permit has been drafted for the All Island Car Wash and Detail Center, Inc..

The followings have been modified:

- The owner's name, facility name have been modified in pg. 1
- The flow from 800 GPD to 5000 GPD

This fact sheet summarizes the information used to determine the effluent limitations and other conditions contained in the permit. General background information about the regulatory bases for the effluent limitations and other conditions contained in this permit are in the Appendix linked throughout this factsheet.

Administrative History

10/15/2019 Bill Testa submitted a sufficient NY-2C permit application.
Date Comment period closed. No comments were received.
12/9/2021 David Donofrio submitted an application for permit transfer.
3/16/2022 David Donofrio submitted an insufficient NY-2C permit application and report.
9/2/2022 David Donofrio resubmitted a sufficient NY-2C permit application and report.
Date NOCA issued 9/21/2022. Comment period ends 10/20/2022.

Please see the Notice of Complete Application, published in the Environmental Notice Bulletin and newspapers, for information on the public notice process.

Facility Information

This is an industrial facility that operates a car wash. Wastewater consists of treated car wash water. The current treatment system includes the following treatment units:

- Treatment: Settling tanks, in-line separator, multimedia filters, ozone injection.

Receiving Water Information

The facility discharges via the following outfalls:

Outfall No.	SIC Code	Wastewater Type	Receiving Water
001	7542	Treated car wash wastewater	groundwater
002		Sanitary wastewater	groundwater

The location of the outfall(s), and the name, classification, and index numbers of the receiving waters are indicated in the Outfall and Receiving Water Summary Table at the end of this fact sheet. [Appendix Link](#)

Mixing Zone and Critical Receiving Water Data

The facility discharges to groundwater, Class GA, via leaching pool. The effluent limitations for Outfall 001 were developed with no dilution, based on groundwater effluent limitations contained in 6 NYCRR 703.6 and TOGS 1.1.1.

Permit Requirements

The groundwater effluent standards were selected for each pollutant present in the discharge.

Best Management Practices (BMPs)

The permittee is required to develop and implement a BMP plan that prevents, or minimizes the potential for, the release of significant amounts of toxic or hazardous pollutants to state waters. The BMP plan requires annual review by the permittee. This requirement is new.

Schedule(s) of Compliance

A Schedule of Compliance is being included in the permit¹ based on a reasonable finding of the following:

- Short Term High Intensity Monitoring (STHIM) is requested to ensure the treatment system operates as stated in the Design Report. It is due 60 days after the permit is effective.
- If the STHIM result does not comply with the permit, the Design Report with plans and specification for an Advanced Treatment System (ATS) shall be submitted within 90 days of permit effective date.
- If the STHIM result does not comply with the permit install ATS and retake the STHIM and submit As-built with STHIM.
- The Department will conduct final inspection after as built is submitted.

Items in the Schedule of Compliance:

- STHIM
- Design Report, plans and specification (if STHIM fails)
- As-Built (if STHIM fails)
- Final facility inspection.

Special Conditions

BMP needs to be submitted within 3 months after the effective date of the permit.

¹ Pursuant to 6 NYCRR 750-1.14

Appendix: Regulatory and Technical Basis of Permit Authorizations

The information presented in the Appendix is meant to supplement the factsheet for multiple types of permits and may not be applicable to this specific permit.

Regulatory References

The requirements included in SPDES permits are based on both federal and state laws, regulations, policies, and guidance.

- Clean Water Act (CWA) 33 section USC 1251 to 1387
- Environmental Conservation Law (ECL) Articles 17 and 70
- Federal Regulations
 - 40 CFR, Chapter I, subchapters D, N, and O
- State environmental regulations
 - 6 NYCRR Part 621
 - 6 NYCRR Part 750
 - 6 NYCRR Parts 700 - 704 – Best use and other requirements applicable to water classes
 - 6 NYCRR Parts 800 – 941 - Classification of individual surface waters
- NYSDEC water program policy, often referred to as Technical and Operational Guidance Series memos (TOGS)
- USEPA Office of Water Technical Support Document for Water Quality-based Toxics Control, March 1991, Appendix E

The following is a quick guide to the references used within the factsheet:

SPDES Permit Requirements	Regulatory Reference
Anti-backsliding	6 NYCRR 750-1.10(c)
Best Management Practices (BMPS) for CSOs	6 NYCRR 750-2.8(a)(2)
Environmental Benefits Permit Strategy (EBPS)	6 NYCRR 750-1.18, NYS ECL 17-0817(4), TOGS 1.2.2 (revised January 25,2012)
Exceptions for Type I SSO Outfalls (bypass)	6 NYCRR 750-2.8(b)(2), 40 CFR 122.41
Mercury Multiple Discharge Variance	Division of Water Program Policy 1.3.10 (TOGS 1.3.10)
Mixing Zone and Critical Water Information	TOGS 1.3.1 & Amendments
PCB Minimization Program	40 CFR Part 132 Appendix F Procedure 8, 6 NYCRR 750-1.13(a) and 750-1.14(f), and TOGS 1.2.1
Pollutant Minimization Program (PMP)	6 NYCRR 750-1.13(a), 750-1.14(f), TOGS 1.2.1
Schedules of Compliance	6 NYCRR 750-1.14
Sewage Pollution Right to Know (SPRKT)	NYS ECL 17-0826-a, 6 NYCRR 750-2.7
State Administrative Procedure Act (SAPA)	State Administrative Procedure Act Section 401(2), 6 NYCRR 621.11(l)
State Environmental Quality Review (SEQR)	6 NYCRR Part 617
USEPA Effluent Limitation Guidelines (ELGs)	40 CFR Parts 405-471
USEPA National CSO Policy	33 USC Section 1342(q)
Whole Effluent Toxicity (WET) Testing	TOGS 1.3.2
General Provisions of a SPDES Permit	NYCRR 750-2.1(i)
Department Request for Additional Information	

The provisions of the permit are based largely upon 40 CFR 122 subpart C and 6 NYCRR Part 750 and include monitoring, recording, reporting, and compliance requirements, as well as general conditions applicable to all SPDES permits.

Monitoring Requirements

CWA section 308, 40 CFR 122.44(i), and 6 NYCRR 750-1.13 require that monitoring be included in permits to determine compliance with effluent limitations. Additional effluent monitoring may also be required to gather data to determine if effluent limitations may be required. The permittee is responsible for conducting the monitoring and reporting results on Discharge Monitoring Reports (DMRs). The permit contains the monitoring requirements for the facility. Monitoring frequency is based on the minimum sampling necessary to adequately monitor the facility's performance and characterize the nature of the discharge of the monitored flow or pollutant. Variable effluent flows and pollutant levels may be required to be monitored at more frequent intervals than relatively constant effluent flow and pollutant levels (6 NYCRR 750-1.13). For industrial facilities, sampling frequency is based on guidance provided in TOGS 1.2.1. For municipal facilities, sampling frequency is based on guidance provided in TOGS 1.3.3.

Other Conditions

Schedules of Compliance

Schedules of compliance are included in accordance with 40 CFR Part 132 Attachment F, Procedure 9, 40 CFR 122.47 and 6 NYCRR 750-1.14. Schedules of compliance are intended to, in the shortest reasonable time, achieve compliance with applicable effluent standards and limitations, water quality standards, and other applicable requirements. Where the time for compliance is more than nine months, the schedule of compliance must include interim requirements and dates for their achievement. If the time necessary to complete the interim milestones is more than nine months, and not readily divisible into stages for completion, progress reports must be required.

Best Management Practices (BMP) Plans

BMP plans are authorized for inclusion in NPDES permits pursuant to Sections 304(e) and 402 (a)(1) of the Clean Water Act, and 6 NYCRR 750-1.14(f). The regulations pertaining to BMPs are promulgated under 40 CFR Part 125, Subpart K. These regulations specifically address surface water discharges.