

Highway Agency Stormwater Pollution Prevention Plan

South Jersey Transportation Authority

NJDES #: NJG0153729

August 2, 2022

Revised, September 30, 2025

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SPPP Form 1 – SPPP Team Members

Stormwater Program Coordinator (SPC)	
Print Name and Title	Nicholas Marchese, Environmental Manager, Stormwater Coordinator
Office Phone # and Email	609-561-6400; nmarchese@sjta.com
Signature and Date	Nicholas Marchese 09/30/2025
Individual Responsible for Major Development Project Stormwater Management Review Please see training requirements for stormwater management reviewers on Form 13.	
Print Name and Title/Affiliation	Lauren Hoolahan, Assistant Stormwater Coordinator
Print Name and Title/Affiliation	Matthew Doran, SJTA Engineering
Print Name and Title/Affiliation	Daniel Corrigan, SJTA Engineering
Print Name and Title/Affiliation	
Print Name and Title/Affiliation	
Other SPPP Team Members	
Print Name and Title/Affiliation	Fran Weikel, GIS Specialist, SJTA
Print Name and Title/Affiliation	
Print Name and Title/Affiliation	
Print Name and Title/Affiliation	

SPPP Form 2 – Revision History

Revision Date	SPC Initials	SPPP Form Changed	Reason for Revision
08/02/2022	NFM	All	To comply with new permit requirements.
04/14/2025	NFM	All	To comply with new permit requirements.
09/30/2025	BDG	All	To comply with new permit requirements, to take effect 01/01/2026.

SPPP Form 3 – Public Involvement and Participation Including Public Notice

Website where the Stormwater Pollution Prevention Plan (SPPP) is posted online:	SJTA.com, About SJTA, Stormwater
Physical Location and/or website where records of public notices, meeting dates, minutes, etc. are kept:	SJTA Administration Office, Farley Service Plaza, Mile Post 21.1, P.O. Box 351 Hammonton NJ 08037
Describe how the permittee complies with applicable state and local public notice requirements when providing for public participation in the development and implementation of its MS4 stormwater program:	
SJTA meets or exceeds the NJDEP requirement for public notice as required by law. We also adhere to other public notice requirement mandates from other entities such as the Pinelands Commission, State of New Jersey sunshine laws, etc. Numerous public hearings scheduled by the engineering department are done before any major roadway project is to be performed.	

NJDEP ver. 2/2020

SPPP Form 4 – Public Education and Outreach

This is only required for Highway Agencies that own or operate rest areas and/or service areas.

5 Point System: Each year, Highway Agencies that own or operate rest areas and/or service areas must conduct activities related to educating the public on stormwater pollution prevention. Sample activities include posting stormwater information on their website or social media, running local ads, posting signs at green infrastructure sites, posting stormwater signs, billboards, or murals at rest/service areas, presenting a stormwater related display or materials at rest/service areas, and providing pet waste bags at rest/service areas.

Permittees must earn at least 5 points as described in Attachment B of the permit. Describe how you are meeting the minimum 5-point requirement. The point total is tabulated in SPPP Form Appendix B.

SJTA maintains the Authority's website with roadway mapping, SPPP, NJDEP link, and the Authority's environmental program, Roadway Environmental Advancement Initiative (READI).

Green infrastructure signs are posted at each of the three maintenance yards, and at the Farley Service Plaza. Additionally, SJTA has installed multiple environmental signage, along the Atlantic City Expressway (ACX) such as wildflower, DO Now Mow areas, and pollinator signs displaying erosion control.

SJTA has installed large wildflower murals at the Farley Service Plaza and the AC Visitors Center showing another form of erosion control.

Pet waste bags are provided at the Farley Service Plaza on the ACX.

Points totaling (10)

Records: Indicate where public education and outreach records are maintained.

Project Management Office at Mays Landing Toll Plaza, Interchange 12.

NJDEP ver. 2/2020

SPPP Form 5 – Post-Construction Stormwater Management in New Development and Redevelopment Program

Major Development: How does the permittee define ‘major development’?

The Authority follows NJDEP’s definitions regarding major development. The New Jersey Department of Environmental Protection (NJDEP) defines a major development as a project that either disturbs one (1) or more acres of land or creates one-quarter (1/4)-acre or more of "regulated impervious surface" or "regulated motor vehicle surface" since February 2, 2004, or March 2, 2021, respectively. This definition, used in the [Stormwater Management Rules](#) (N.J.A.C. 7:8), applies to individual and collective developments that meet these criteria, including those that are part of a common plan of development or sale.

Key Components of the Major Development Definition:

- **Land Disturbance:** Disturbing one (1) or more acres of land.
- **Impervious Surface:** Creating one-quarter (1/4)-acre or more of regulated impervious surface.
- **Motor Vehicle Surface:** Creating one-quarter (1/4)-acre or more of regulated motor vehicle surface.
- **Timing:** These disturbances must have occurred since a specified date (February 2, 2004, for land disturbance and impervious surfaces, and March 2, 2021, for motor vehicle surfaces).
- **Cumulative Impact:** The definition also includes multiple developments that collectively meet these thresholds.
- **Common Plan:** Projects that are part of a larger common plan of development or sale are subject to the definition, even if they are phased.

Why This Definition Matters:

Projects that fall under the definition “Major Development” are required to comply with NJDEP’s stormwater management rules, N.J.A.C. 7:8.

Stormwater Management:

Projects that fall under the "major development" definition are required to comply with the NJDEP's stormwater management rules, specifically including standards for water quality, quantity, and groundwater recharge.

Green Infrastructure:

Amendments to the Stormwater Management Rules require major development projects to use green infrastructure to meet these standards.

Important Notes:

- **Municipal Ordinances:** Municipalities can establish lower thresholds for major development in their stormwater control ordinances.

- Exemption: Certain activities, such as agricultural or horticultural uses and specific single-family home constructions under certain conditions, are not considered major developments.

Approval Process: Describe the process for reviewing and approving major development project applications for compliance with the stormwater management rules at N.J.A.C. 7:8 et seq. Attach a flow chart if available. Provide the location of the mitigation plan (if one exists) to allow for alternative locations or designs.

The South Jersey Transportation Authority (SJTA) ensures that all permits comply with all standards for stormwater management as required by NJDEP.

Major development projects are designed by engineering consultants that are required to follow the Authority's Design Manual, which requires that stormwater management facilities be designed to comply with N.J.A.C 7.8 et. seq.

SJTA implements a phased review process for major development projects. The SJTA Stormwater Coordinator and Assistant Stormwater Coordinator has appropriate SC training. SJTA occasionally retains the services of consultants to review MS4 requirements, SPPP plans, and stormwater management designs. The reviewing engineers have completed the required NJDEP training course(s).

The SJTA Expressway Engineering Department files all contractor specs and information. We contract other engineering services to reevaluate and inspect pre-construction and post construction of new projects to ensure state requirements are done or exceeded.

Records: Indicate the location of approved applications for major development projects.

Hammonton, (Central) Engineering & Operations
100 Trooper Lane
Route 54
Hammonton, NJ 08037

NJDEP ver. 2/2020

SPPP Form 6 – Regulatory Mechanisms

Regulatory Mechanism	Date of Adoption	Website	Entity Responsible for Enforcement
1. Pet Waste Control Permit cite IV.B.5. a. i.	06/21/2005 Planned Update 10/15/2025	SJTA.com	SJTA officials and the NJ State Police
2. Wildlife Feeding Control Permit cite IV.B. 5. a. ii.	06/02/2022 Planned Update 10/15/2025	SJTA.com	SJTA officials and the NJ State Police
3. Litter Control Permit cite IV.B. 5. a. iii.	06/21/2005 Planned Update 10/15/2025	SJTA.com	SJTA officials and the NJ State Police
4. Improper Disposal of Waste Permit cite IV.B. 5. a. iv.	06/21/2005 Planned Update 10/15/2025	SJTA.com	SJTA officials and the NJ State Police
5. Illicit Connection Prohibition Permit cite IV.B. 5. a. vii.	06/21/2005 Planned Update 10/15/2025	SJTA.com	SJTA officials and the NJ State Police
Records: Indicate the location of records associated with the regulatory mechanisms above and related enforcement actions.			
Hammonton, (Central) Engineering & Operations 100 Trooper Lane Route 54 Hammonton, NJ 08037			

SPPP Form 7 – Litter Pick-Up Program

Roadside Clean-up: Describe the program and schedule for roadside clean-up of trash and debris.

The Maintenance Department has a comprehensive litter pick up program. The roadway is divided into seven sections. Each section has at least one truck and a maintenance person performing litter pick up. All trash is put into dumpsters located at each facility. The dumpsters are emptied by a contractor, twice a week, or when called. All paperwork which contains amount of trash picked up and cost is maintained at Hammonton, (Central) Engineering & Operations, 100 Trooper Lane, Route 54 Hammonton, NJ 08037.

Rest/Service Area Trash/Recycling Collection: For Highway Agencies that own or operate rest/service areas, describe the program and schedule for regular collection of trash from litter and recycling receptacles at those locations.

The SJTA provides trash and recycling containers at the service area and all facilities as part of our recycling program. Atlantic City Utilities Authority (ACUA) removes glass, bottles, paper, and cardboard on a regular basis, or when called. A waste management company is contracted to remove the trash loaded into dumpsters.

The service area has one truck and maintenance person to maintain that area. Trash and debris removal is done daily in all section of roadway.

Recycling debris such as bottles, can, and cardboard are picked up at the service area by ACUA.

Records: Indicate the location of records, including the dates and amount of materials collected from roadside clean-ups.

The Project Management Office at Mays Landing Toll Plaza, Interchange 12.

SPPP Form 8 – Street Sweeping

Street Locations: Attach a map or describe the location of all streets and paved parking lots that are owned or operated by the permittee.

- a. Indicate which segments of limited-access roads have storm drain inlets or discharge directly to surface water.
- b. Indicate which segments of non-limited-access roads have storm drain inlets or discharge directly to surface water.
- c. Indicate which segments of roads do not have storm drain inlets or do not discharge directly to surface water.

All mapping can be found on the website at SJTA.com. Go to “About SJTA,” look under “Stormwater”.

Schedule: Describe the sweeping schedule for all streets and paved parking lots that are owned or operated by the permittee.

SJTA’s quarterly street sweeping is implemented on all roadways that are identified as “limited access (LA)”. For non-LA roadways the sweeping is completed three (3) times per year.

Sweeper spoils are brought to the maintenance yards and then over to the ACUA for use as landfill cover.

Records: Indicate the location of records, including sweeping dates, areas swept, number of miles swept, and total amount of materials collected each month.

The Project Management Office at Mays Landing Toll Plaza, Interchange 12.

NJDEP ver. 2/2020

SPPP Form 9 – Herbicide Application and Roadside Vegetative Waste Management

Herbicide Application Management: Describe the program for ensuring the proper application of herbicides. Include details about how the permittee ensures that herbicides are not washed into waters of the State and how they prevent erosion caused by de-vegetation.

Herbicides are applied by licensed trained professionals ONLY. NJTA's certified applicators and commercial operators have gone through extensive training and attend annual ongoing credit certification to maintain their status as required by Federal EPA and NJDEP regulations. At no time will any application take place on or around water, standing or flowing, drains, inlets, etc. or when rain is forecasted within the allotted time on label of applied product. SJTA) personnel do not have Category 5 Aquacide approved licenses. All product labels follow EPA standards, and no product will be applied improperly or illegally. Roadside vegetation is maintained through an extensive integrated Pest Management System. SJTA applies only when deemed appropriate in order not to impact the environment negatively. SJTA monitors the roadside for erosion and if present or thinning vegetation is observed, herbicides will not be applied to prevent further erosion. Manpower and weed whackers will be utilized to prevent such occurrences and our maintenance department will repair such areas as needed.

Roadside Vegetative Waste Management: Describe the program for ensuring that wood waste and yard trimmings generated by the permittee are not blown or deposited into stormwater facilities, e.g., storm drain inlets and basins.

Wood waste and yard trimmings include the following: tree parts, brush, wood chips, leaves, untreated/unpainted lumber, and grass clippings.

SJTA has a litter patrol pick-up program that operates daily. The litter control program covers the entire roadway, interchanges and Authority owned and operated facilities. Trash receptacles at interchanges and facilities are emptied regularly as needed.

SJTA does operate a Service Area at mile post 20.1. The Authority is responsible for the collection of trash and recycling receptacles in the parking and roadway portions of the Service Area.

Trash and recycling collection occurs throughout the day as needed. SJTA has agreements with local waste haulers to remove trash and recycling receptacles on a weekly basis.

SPPP Form 10 – Maintenance Yards and Other Ancillary Operations

Complete a separate Form 10 for each yard/location. This includes but is not limited to all maintenance yards, impound yards, fueling locations, and yard trimming/wood waste management sites.

1. Address of maintenance yard or ancillary operation.
SJTA East Maintenance Yard 530 Martin Terrace Pleasantville, NJ 08232 SJTA West Maintenance Yard Atlantic City Expressway Milepost 39 Eastbound Winslow, NJ 08095 SJTA Central Maintenance Yard 100 Trooper Lane Hammonton, NJ 08037
2. List all materials that are exposed to stormwater which could be a source of pollutants in a stormwater discharge. Indicate what type of container the materials are in, if they are covered, what they are placed upon, and if the area is graded or contained by berms. This includes, but is not limited to, raw materials, intermediate products, final products, waste materials, by-products, fuels, lubricants, solvents, and detergents. For example, brine, fertilizer, used oil, refuse containers, etc.
The SJTA fleet has a section for empty drums that contained automotive oil or washer fluid. These drums are on pallets and covered with tarps. The SJTA fleet also has one drum marked "Wastewater" which holds water removed from spill buckets found after storms or during monthly walk-through inspections. The wastewater drum is also on a pallet and covered with a tarp. Salt is secured in Salt Sheds. Brine secured in Brine Tanks. All salt is kept in SJTA salt sheds. Hay bales are used at the shed entrance, so brine, salt, or other constituents of concern emanate from the shed. Brine is secured in our brine tanks. SJTA fertilizer is secured in the Landscape Shed/Building. Used oil secured in waste oil tank covered by a roof.
3. List all machinery that is exposed to stormwater which could be a source of pollutants in a stormwater discharge.
Please see the list of equipment by location on the SJTA website.

4. Describe the procedures for cleaning spills and disposing of clean-up waste. Indicate the location of materials used for cleaning, e.g., kitty litter, sawdust, etc.	
The SJTA fleet uses absorbent materials such as Oil Dri and Pig Mats for yard cleanup of liquids such as gasoline, diesel motor oil, or hydraulic fluid. Once the spill has been absorbed, it is transferred to a drum marked "Used Oil Dry" that is kept in a the SJTA fleet bay. Once full, Fleet solicits quotes from three vendors to pick up and dispose of the barrels.	
5. For each category below, describe the best management practices in place to ensure compliance with all requirements in permit	
a. Fueling Operations	
SJTA's Superintendent of Fleets is also the A/B Operator for this location. The A/B Operator is responsible for a monthly walk-through inspection (checklist on file at SJTA offices), annual tank, and automated tank gauge (Veeder Root) testing, and annual registration renewal for this location. All tank, dispenser, and monitoring issues are handled through the Superintendent of Fleets and the A/B Operator.	
b. Discharge of Stormwater from Secondary Containment	
West - All drums of used motor oil fluid by the SJTA by fleet are kept in the mechanic's bays and there is not a tank outside.	
East -The SJTA fleet has an outdoor storage tank of approximately 500-gallons of waste oil at this location. The tank has a roof over it and cinder blocks around the area for secondary containment. Should a tank leak be discovered, a vendor would be called out immediately to remove the oil and the tank would no longer be used.	
c. Vehicle Maintenance	
East, West, and Central- All vehicles are maintained inside at this location. Oil Dry and Pig Mats are the primary resource for absorbing liquids. Once dry, the product is stored in a marked drum until full, and a vendor removes the full drum. The bays are also equipped with an oil/water separator as a secondary method for fluid recovery. The SJTA Maintenance Division services the oil/water separator with a vacuum truck and disposes of the product at ACUA.	
d. On-Site Equipment and Vehicle Washing/Wastewater Containment	
See permit for certification and log forms for Underground Storage Tanks.	
This location has a wash bay that is connected to the oil water separator.	

e. Salt and De-icing Material Storage and Handling
All salt is housed in our salt shed. Hay bales are deployed at salt shed entrances, so nothing comes out of the shed. Brine is secured in our brine tanks.
f. Aggregate Material and Construction Debris Storage
Dense Graded Aggregate Base (DGAB) is secured within bin blocks. $\frac{3}{4}$-inch stone is secured within bin blocks. Rip Rap stone is secured within bin blocks. Debris/Bulk waste is stored in a 30 Cubic Yard (CY) dumpster that is emptied weekly by a contractor. Metal waste debris is stored in a 30CY dumpster that is emptied by a contractor. Debris is contained in SJTA trash bins that are secured in bin blocks. Bulk Waste Debris is also stored within the confines of the bin blocks where the trash containers are stored.
g. Street Sweepings, Catch Basin Clean Out, and Other Material Storage
Street sweepings debris and catch basin clean out debris are taken to ACUA and used as landfill cover.
h. Yard Trimmings and Wood Waste Management
Wood/Down Trees are taken to ACUA.
Records: Indicate the location of inspection logs and tracking forms associated with this maintenance yard or ancillary operation, including documentation of conditions requiring attention and remedial actions that have been taken or planned. Documentation should include the date and time of inspection, the name of the person conducting the inspection, and relevant findings.
East, West, and Central - A sample underground storage tank monthly inspection check sheet is on file at SJTA offices. Monthly inspection sheets dating back to October 2018 are available. All testing reports related to fueling (underground tank/automated testing gauge) are on file with the SJTA Fleet managers.

SPPP Form 11 – Storm Drain Inlets

Storm drain inlets are the point of entry into the storm drain system.

Inspections: Describe the program and frequency of inspections, cleaning, and maintenance of storm drain inlets that are owned or operated by the permittee.

All storm drain inlets are inspected annually on the SJTA roadway, if needed, cleaning the inlets and catch basins on a regularly scheduled basis. Repairs to the stormwater inlets and catch basins will be made based on a priority basis.

Steve Hackett, Assistant Superintendent, will produce an annual schedule. Storm drain inlets are scheduled for retrofit on December 31, 2027.

Design and Retrofitting: Describe how the permittee ensures that the current design standards for storm drain inlets (specified in permit Attachment C) are incorporated in development projects. Also describe how the permittee ensures that retrofitting of storm drain inlets is completed when required.

Appropriate storm drain inlet details are included in the design plans. The retrofitting of storm drain inlets is checked by the engineers during the design phase. Storm drain inlets are scheduled for retrofit in January 2027.

Labeling: Describe the inspection and label maintenance plan on storm drain inlets that do not have permanent wording cast into the design.

No inlets accessible to the public will have openings greater than two (2)-inches after January 2027.

Records: Indicate the location of records that include storm drain inlet locations, inspection dates, observations, and maintenance/repairs performed, if applicable.

Project Management Office at Mays Landing Toll Plaza, Interchange 12.

SPPP Form 12 – Catch Basins

Catch basins are the cistern, vault, chamber or well that are usually built along a street as part of the storm sewer system to capture sediment, debris, and pollutants.

Inspections: Describe the program for inspections of catch basins that are owned or operated by the permittee.

See below.

Cleaning and Maintenance: Describe when a catch basin must be cleaned. The program must include procedures for cleaning and shall be implemented as frequently as necessary to ensure, at a minimum, that sediment, trash, or other debris is removed as necessary to control it from entering the waters of the State, to eliminate recurring problems and maintain proper function.

SJTA vacuum truck vehicles allow inspections and cleaning, if needed, of catch basins along the roadway. If at the time of inspection, no sediment, trash, or debris is observed in the catch basin, then that catch basin will not be cleaned. If, however, sediment, trash or debris is observed, the catch basin will be cleaned. Spoils are then deposited at ACUA Environmental Park.

Records: Indicate the location of records that include catch basin locations, inspection dates, observations, amount of materials collected in wet tons and maintenance/repairs performed, if applicable.

Project Management Office at Mays Landing Toll Plaza, Interchange 12.

SPPP Form 13 – Employee Training

Employee Training: Stormwater Program Coordinator (SPC) must ensure appropriate staff receive training on topics in the chart below.		
Topic	Frequency	Office/Entity Responsible for Training
1. Maintenance Yard/Ancillary Operations	Annually	Operations Maintenance
2. Stormwater Facility Maintenance	Annually	Operations Maintenance
3. SPPP Training & Recordkeeping	Annually	Operations Maintenance
4. Street Sweeping	Annually	Operations Maintenance
5. Illicit Connections & Outfall Mapping	Annually	Operations Maintenance
6. Outfall Stream Scouring	Annually	Operations Maintenance
7. Waste Disposal Education	Annually	Operations Maintenance
8. Regulatory Mechanisms	Annually	Operations Maintenance
9. Construction Activity/Post-Construction Stormwater Management in New Development and Redevelopment	Annually	Operations Maintenance
Records: Indicate the location of associated training sign in sheets, dates, and agendas or description for each topic for employee training.		
Project Management Office at Mays Landing Toll Plaza, Interchange 12.		
Stormwater Management Reviewer Training: Indicate the names of all individuals who review the stormwater management design for development and redevelopment projects on behalf of the permittee. Indicate the dates on which these individuals attended the required NJDEP training course.		

Nicholas Marchese - Scheduled for Storm water Program Coordinator (SPC) Training by 12/31/2025*

Lauren Hoolahan - Scheduled for SPC Training by 12/31/2025*

Daniel Corrigan, PE - Completed Training October 2024

Matthew Doran, PE - Completed Training October 2024

* NJPDES Storm SPC Training Course in New Jersey. The Department's next SPC training is not currently listed, but recent updates show the Department offers Storm Water Management Design Review (SWMDR) courses and general storm water training, including videos on the MS4 permit, with details and registration information for future courses available through the Department's Storm Water Management (SWM) website. SJTA will stay informed, monitor the Department's SWM website and take the SPC Training as soon as a course becomes available.

SPPP Form 14 – Mapping Outfall Pipes and Stormwater Facilities

Visit https://www.nj.gov/dep/dwq/msrp_map_aid.htm for the NJ DEP free mapping application. Outfall pipe maps and stormwater facilities maps may be combined. Updates to these maps shall be submitted annually to include new or newly identified outfall pipes and stormwater facilities.

Mapping Outfall Pipes: Attach an image or provide a link to a map of the outfall pipes owned or operated by the permittee, showing the location of the end of all MS4 outfall pipes (in tidal and non-tidal receiving waters) owned or operated by the permittee which discharge to a surface water body. Include the location and name of all surface water bodies receiving discharges from those outfall pipes.

Please find outfall pipe mapping on the SJTA website, SJTA.com. Go to "About SJTA," and then to Stormwater to view mapping.

Mapping Stormwater Facilities: Attach an image or provide a link to a map of the stormwater facilities owned or operated by the permittee. Include the property boundaries of the Highway Agency maintenance yards, ancillary operations, rest areas, and service areas as well as an annotated map of roadways and thoroughfares owned or operated by the permittee. The map shall include the location and type of each stormwater facility, e.g., outfalls, inlets (constructed after Jan 1, 2020), basins, subsurface infiltration/detention systems, MTDs, green infrastructure, etc.

Please find mapping for maintenance yards on the SJTA website, of which no stormwater structures exist, stormwater emanates from the site via sheet flow. The SJTA service area does provide stormwater structures. Mapping can be found on the SJTA website, SJTA.com. Go to "About SJTA" and then to "Stormwater" to view mapping.

SPPP Form 15 – Outfall Pipe Inspections

Inspection Schedule: Describe the frequency and the program in place for inspecting outfall pipes owned or operated by the permittee.
SJTA's Operations Maintenance Department strives to inspect as many outfall assets as possible, annually, during dry weather periods. At the time of inspection, maintenance staff will use the inspection forms based on latest NJDEP templates, focused on dry weather flow, possible illicit connections, and stream scouring observations.
Stream Scouring: Describe the program in place to detect, investigate, and control localized stream scouring from stormwater outfall pipes.
Should stream scouring be found, maintenance staff will note such findings on their inspection forms and the appropriate steps to correct the issue will be taken. Should there be multiple instances of stream scouring, the instances of scouring will be prioritized.
Illicit Discharges: Describe the program in place for conducting visual dry weather inspections of outfall pipes that are owned or operated by the permittee.
During the outfall pipe inspections maintenance staff will look during dry weather events for any evidence of dry weather flows through drainage assets. STA maintenance staff will investigate further to see if there is any proof of illicit connections. Should a potential illicit connection be observed, it will be documented using the NJDEP's Illicit Connection Inspection Report Form. State Police ensure compliance.
Records: Indicate the location of all records related to outfall pipe inspection, including the location, inspection date, inspector name, findings, preventative, and corrective maintenance performed. If scouring is observed, records of stream scouring must include the contributing source(s) of stormwater, recommended corrective action, and a prioritized list and schedule to remediate scouring cases. If illicit discharge is observed, record results of illicit discharge investigations and actions taken using NJDEP's form at https://www.nj.gov/dep/dwq/public_complex/pdf/PC_Illicit%20Connection%20Inspection%20Report%20Formpdf.pdf. Illicit Connection Inspection Report Forms shall be submitted to the Department as an attachment to the Annual Report and Certification.
Project Management Office at Mays Landing Toll Plaza, Interchange 12.

SPPP Form 16 – Stormwater Facilities Inspection and Maintenance

Inspections: Describe the program in place to inspect, clean, and maintain the stormwater facilities that are owned or operated by the permittee.

SJTA maintenance personnel conduct visual inspections of stormwater management facilities on a regular basis and maintained as needed.

For new projects, the design consultants will inspect the existing stormwater management facilities and include cleaning and maintenance in the new projects as needed.

Records: Indicate the location of records related to stormwater facilities that are owned or operated by the permittee. Records must include the type of stormwater facility, location, inspection date, inspector name, findings, preventative, and corrective maintenance performed.

Also indicate the location of maintenance plans related to maintenance of stormwater facilities that are owned or operated by the permittee. NJDEP provides materials to assist with this requirement at https://www.nj.gov/dep/stormwater/maintenance_guidance.htm.

Project Management Office at Mays Landing Toll Plaza, Interchange 12.

SPPP Form 17 – Total Maximum Daily Load (TMDL) Information

Identification: List the names of the adopted TMDLs, parameters addressed, and the affected water bodies associated with any segment of surface water wholly or partially within or bordering all maintenance yards, rest areas, service area properties, and new major development projects as defined by the permittee's stormwater program.

Refer to the list of TMDL reports provided at <http://www.nj.gov/dep/wms/bears/tmdls.html>. Utilize the TMDL look-up tool at <https://www.nj.gov/dep/dwq/msrp-tmdl-rh.htm> to identify impaired water bodies at locations described above.

No affected water bodies are within or bordering any maintenance yards, rest areas, service area properties, and new development projects, except for the AC Visitors Center in Pleasantville. However, the TDML of concern is fecal coliform for shellfish habitat, and the facility is on public sewer.

Strategies: Describe how the permittee uses TMDL information to prioritize stormwater facilities maintenance projects and to address specific sources of stormwater pollutants. For guidance on TMDLs, visit <https://www.nj.gov/dep/dwq/pdf/10-21-16-tmdl-tool-box.pdf>.

Not Applicable.

SPPP Form 18 – Additional Measures and Optional Measures

Additional Measures: Describe any Best Management Practice(s) and the related measurable goal or numeric effluent limitations that are expressly required by the Department to be included in the permittee's stormwater program by a TMDL.
Not Applicable.
Optional Measures: Describe any Best Management Practice(s) the permittee has developed that extend beyond the requirements of the permit that prevents or reduces water pollution.
A Summary of SJTA's BMPs is provided in Appendix A.

SPPP Form 19 – Shared or Contracted Services

Arrangements: List the permit conditions that are satisfied through a shared or contracted service where an entity other than the permittee is implementing BMP(s) or control measure(s) on behalf of the permittee. Include the name of the entity responsible and describe the arrangements in place.

SJTA does not have any shared services.

Records: The permittee is responsible for maintaining the appropriate documentation related to permit conditions, including those satisfied through shared services, in the SPPP and on the Annual Report and Certification. Indicate the physical location of the written agreements and records.

Hammonton, (Central) Engineering & Operations
100 Trooper Lane Route 54
Hammonton, NJ 08037

SPPP FORM
APPENDIX A
SJTA BEST MANAGEMENT PRACTICES

LITTER CONTROL

- The SJTA Maintenance Department has a comprehensive litter pick-up program. The roadway is divided into seven (7) sections. Each section has at least one (1) truck and a maintenance person performing litter pick up. All trash is put into dumpsters located at each facility and dumpsters are secured in a covered position. A contractor empties the dumpsters twice a week, or when called. All paperwork which contains amount of trash picked up and cost is maintained at Hammonton, (Central) Engineering & Operations, 100 Trooper Lane, Route 54 Hammonton, NJ 08037.
- SJTA provides trash and recycling containers at service areas and all facilities as part of SJTA's recycling program. ACUA removes glass, bottles, paper, and cardboard on a regular basis or when called. A waste management company is contracted to remove the trash loaded into dumpsters. The service area has one truck and maintenance person to maintain that area. Trash and debris removal is done daily on all sections of roadway.
- SJTA has a litter patrol pick-up program that operates daily. The litter control program covers the entire roadway, interchanges and Authority owned and operated facilities. Trash receptacles at interchanges and facilities are emptied regularly as needed. SJTA operates a Service Area at mile post 20.1. and is responsible for the collection of trash and recycling receptacles in the parking and roadway portions of the Service Area. Trash and recycling collection occurs throughout the day as needed. SJTA has agreements with local waste haulers to remove trash and recycling receptacles on a weekly basis.

STREET SWEEPING

- SJTA's quarterly street sweeping is implemented on all roadways that are identified as "limited access (LA)." For non-LA roadways the sweeping is completed three (3) times per year. Sweeper spoils are brought to the maintenance yards and then over to the ACUA for use as landfill cover.
- Street sweepings debris and catch basin clean out debris are taken to ACUA and used as landfill cover.

HERBICIDE APPLICATIONS

- Herbicides are applied by licensed trained professionals ONLY. NJTA's certified applicators and commercial operators have gone through extensive training and attend annual ongoing credit certification to maintain their status as required by Federal EPA and NJDEP regulations. At no time will any application take place on or around water, standing or flowing, drains, inlets, etc. or when rain is forecasted within the allotted time on label of applied product.

SECURING ITEMS/CONSTITUENTS OF CONCERN (COCs) TO PREVENT STORMWATER POLLUTION

- The SJTA fleet has a section for empty drums containing automotive oil or washer fluid. The SJTA fleet also has one (1) drum marked "Wastewater" which holds water removed from spill buckets found after storms or during monthly walk-through inspections. These drums are on pallets and covered with tarps.
- Salt is secured in Salt Sheds. Brine secured in Brine Tanks. All salt is kept in SJTA salt sheds. Hay bales are used at the shed entrance, so brine, salt, or other COCs emanating from the shed are controlled. Brine is secured in SJTA brine tanks. SJTA fertilizer is secured in the Landscape Shed/Building. Used oil secured in a waste oil tank covered by a roof.
- The SJTA fleet uses absorbent materials such as Oil Dri and Pig Mats for yard cleanup of liquids such as gasoline, diesel motor oil, or hydraulic fluid. Once the spill has been absorbed, it is transferred to a drum marked "Used Oil Dry" that is kept in a the SJTA fleet bay. Once full, Fleet solicits quotes from three vendors to pick up and dispose of the barrels.

FUELING OPERATIONS

- SJTA has Licensed A/B Operators at West, Central, and East facility operations. An A/B Operator designation refers to the required designation of either a Class A or a Class B Underground Storage Tank (UST) Operator, the individual responsible for ensuring that UST facilities are operated safely and in compliance with federal, state, and local regulations. The Class A Operator has the primary responsibility for the UST system, overseeing regulatory compliance and documentation, while the Class B Operator handles the day-to-day operational tasks, including maintenance and record-keeping. Training and certification are mandated by SJTA for all UST facilities.
- Monthly inspection sheets dating back to October 2018 are available. All testing reports related to fueling (underground tank/automated testing gauge) are on file with the SJTA fleet managers.
- SJTA's Superintendent of Fleets is also the A/B Operator for this location. The A/B Operator is responsible for a monthly walk-through inspection (checklists on file at SJTA facilities), annual tank, and automated tank gauge (Veeder Root) testing, and annual registration renewal for this location. All tank, dispenser, and monitoring issues are handled through the Superintendent of Fleets and the A/B Operator.

DISCHARGE OF STORMWATE FROM SECONDARY CONTAINMENT

- West Facility - All drums of used motor oil fluid by the SJTA by fleet are kept in mechanic's bays and there is no tankage outside.
- East -The SJTA fleet has an outdoor storage tank of 500-gallons of waste oil at this location. The tank has a roof over it and cinder blocks around the area for secondary containment. Should a tank leak be discovered, a vendor would be called out immediately to remove the oil, and tank usage would cease.
- For the East Maintenance Yard, NSJTA has plans for the existing secondary containment around 500-gallon waste oil tank to be covered to prevent rainwater entry meet SPCC plan requirements and have the containment area floor and 12-inches up the cinder block side walls coated with impermeable material.
- For the Central Maintenance Yard, the SJTA has plans to implement various improvements for the 11,220 gasoline AST. This includes installation of a 40 feet (ft) 38-inches x 10 ft. secondary containment wall with the containment area floor coated with impermeable material, and a valve

added to drain rainwater which when visually inspected confirms the absences of spills or sheens. The secondary containment area will be equipped with sump and piping connected to the existing oil/water separator system. **Of note, these secondary containment upgrades are not required until January 1, 2027 (EDP + two (2) years).**

- For the West Maintenance Yard, the SJTA has plans to implement various improvements for the 11,220 gasoline AST requires secondary containment, a wall 40 feet (ft) x 38-inches x 10 ft. The containment area floor should be coated with impermeable material, and a valve should be added to drain rainwater which when visually inspected confirms the absences of spills or sheens. The secondary containment area should be equipped with sump and piping connected to the existing oil/water separator system. Of note, these secondary containment upgrades are not required until January 1, 2027 (EDP + two (2) years). The existing secondary containment around 500-gallon waste oil tank covered to prevent rainwater entry achieving SPCC plan requirements. However, the containment area floor and 12-inches up the cinder block side walls should be coated with impermeable material.

VEHICLE MAINTENANCE & WASHING

- All vehicles are maintained inside the building East, Central, and West facilities.
- Oil Dry and pig mats are the primary resource for absorbing liquids. Once dry, the product is stored in a marked drum until full & a vendor removes the full drum.
- The bays are also equipped with an oil/water separator as a secondary method for fluid recovery. The SJTA Maintenance Division services the oil/water separator with a vacuum truck and disposes of the product at ACUA.
- The East/Central/West facility locations have wash bays connected to an oil water separator.

AGGREGATE STORAGE

- Dense Graded Aggregate Base (DGAB), Rip Rap, and ¾-inch stone are secured within bin blocks.
- Debris/Bulk waste is stored in 30 Cubic Yard (CY) dumpsters, which are covered and emptied weekly by licensed waste haulers.
- Metal waste debris is stored in a 30CY dumpster that is emptied by a contractor. NJDEP has indicated that outdoor containers holding metal signs (i.e., from Highway Agency sign manufacturing shops or waste signs) be covered when not in use, at the end of each workday and before any anticipated storm event.
- Wastes are contracted for disposal by licensed waste haulers.

CATCH BASIN INSPECTION/MAINTENANCE & REPAIRS

- All storm drain inlets are inspected annually on the SJTA roadway.
- Repairs to the stormwater inlets and catch basins will be made based on a priority basis. Steve Hackett, Assistant Superintendent, will produce an annual schedule.
- Storm drain inlets are scheduled for retrofit on December 31, 2027.

CATCH BASIN CLEANING

- Cleaning the inlets and catch basins occurs regularly if inspections document the need for cleaning.
- SJTA vacuum truck vehicles allow inspections and cleaning, if needed, of every catch basin along the roadway once every year. Spoils are then deposited at ACUA Environmental Park.

OUTFALL INSPECTIONS

- SJTA's Operations Maintenance Department strives to inspect as many outfall assets as possible annually with inspections scheduled for dry weather periods.
- At the time of inspection, maintenance staff will use the inspection forms based on latest NJDEP templates, focused on dry weather flow, possible illicit connections, and stream scouring.
- If inspections document stream scouring, maintenance staff will note such findings on their inspection forms and the appropriate steps to correct the issue will be taken, with outfalls documented with multiple instances prioritized.

SPPP FORM

APPENDIX B

NOTIFICATION POINT SYSTEM

SJTA maintains the Authority's website with roadway mapping, SPPP, NJDEP link, and the Authority's environmental program, Roadway Environmental Advancement Initiative (READI), points totaling (10).

- Green infrastructure signs are posted at each of the three maintenance yards (3 points), and at the Farley Service Plaza.
- SJTA has installed multiple environmental signage along the ACX such as wildflower, DO Not Mow areas, and pollinator signs displaying erosion control (1 point).
- SJTA has installed large wildflower murals at the Farley Service Plaza and the AC Visitors Center showing another form of erosion control. The environmental display at the Farley Service Plaza includes a section dedicated to stormwater materials (2 points) with trifolds visitors can take (1 point).
- Pet waste bags are provided at the Farley Service Plaza on the ACX (3 points)