

# BOROUGH OF LOCH ARBOUR MONMOUTH COUNTY, NEW JERSEY

New Jersey Department of Environmental Protection

TIER A MUNICIPAL STORMWATER GENERAL PERMIT



## STORMWATER POLLUTION PREVENTION PLAN

APRIL 2005

REVISED JUNE 1, 2009

PREPARED BY:

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NJ License No. 28142

Tier A Municipal Stormwater Regulation Program

# Stormwater Pollution Prevention Team Members

Number of team members may vary.

Completed by: Peter R. Avakian, PE

Title: Village Engineer

Date: April 1, 2005, Revised June 1, 2009

Municipality: Village of Loch Arbour

County: Monmouth

NJPDES #: NJG0153516

PI ID #: 203115

Stormwater Program Coordinator: Peter R. Avakian, PE

Title: Village Engineer

Office Phone #: 732-922-9229

Emergency Phone #: \_\_\_\_\_

Public Notice Coordinator: Lorraine Carafa

Title: Village Clerk

Office Phone #: 732-531-4740

Emergency Phone #: \_\_\_\_\_

Post-Construction Stormwater Management Coordinator: Peter R. Avakian, PE

Title: Village Engineer

Office Phone #: 732-922-9229

Emergency Phone #: \_\_\_\_\_

Local Public Education Coordinator: Peter R. Avakian, PE

Title: Village Engineer

Office Phone #: 732-922-9229

Emergency Phone #: \_\_\_\_\_

Ordinance Coordinator: Peter R. Avakian, PE

Title: Village Engineer

Office Phone #: 732-922-9229

Emergency Phone #: \_\_\_\_\_

Public Works Coordinator: The City of Asbury Park

Title: \_\_\_\_\_

Office Phone #: 732-775-2100

Emergency Phone #: \_\_\_\_\_

Employee Training Coordinator: NA

Title: \_\_\_\_\_

Office Phone #: \_\_\_\_\_

Emergency Phone #: \_\_\_\_\_

Other: \_\_\_\_\_

Title: \_\_\_\_\_

Office Phone #: \_\_\_\_\_

Emergency Phone #: \_\_\_\_\_

## SPPP Form 2 - Public Notice

Municipality  
Information

Municipality: Village of Loch Arbour

County: Monmouth

NJPDES # : NJG0153516

PI ID #: 203115

Team Member/Title: Lorraine Carafa, Village Clerk

Effective Date of Permit Authorization (EDPA): April 1, 2004

Date of Completion: April 1, 2005

Date of most recent update: June 1, 2009

Briefly outline the principal ways in which you comply with applicable State and local public notice requirements when providing for public participation in the development and implementation of your stormwater program.

*The Village of Loch Arbour provides public notice of meetings in compliance with the Open Public Meetings Act, N.J.S.A. 10:4-6 et seq.*

*The Village also provides public notice for municipal actions, including adoption of Municipal Stormwater Management Plan, in accordance with the Municipal Land Use Law, N.J.S.A. 40:55D - et seq.*

## SPPP Form 3 – New Development and Redevelopment Program

<b>Municipality Information</b>	Municipality: <u>Village of Loch Arbour</u>	County: <u>Monmouth</u>
	NJPDES # : NJG <u>0153516</u>	PI ID #: <u>203115</u>
	Team Member/Title: <u>Peter R. Avakian, PE, Village Engineer</u>	
	Effective Date of Permit Authorization (EDPA): <u>4/01/04</u>	
	Date of Completion: <u>April 1, 2005</u> Date of most recent update: <u>June 1, 2009</u>	

Describe in general terms your post-construction stormwater management in new development and redevelopment program (post-construction program), and how it complies with the Tier A Permit minimum standard. This description must address compliance with the Residential Site Improvement Standards for stormwater management; ensuring adequate long-term operation and maintenance of BMPs (including BMPs on property that you own or operate); design of storm drain inlets (including inlets that you install); and preparation, adoption, approval, and implementation of a municipal stormwater management plan and municipal stormwater control ordinance(s). Attach additional pages as necessary. Some additional specific information (mainly about that plan and ordinance(s)) will be provided in your annual reports.

*The Village Planning Board will review plans for all new residential development, and insure compliance in accordance with the Residential Site Improvement Standards (RSIS).*

*Upon adoption of the Stormwater Management Ordinance, the Planning Board will review plans for all non-residential development, and insure compliance with the Stormwater Management Rules.*

*The Code Enforcement/Zoning Officer will review all plans for residential development, and insure compliance with the Stormwater Management Rules and local ordinances.*

*The Village Engineer will be responsible for long term operation and maintenance of Best Management Practices for facilities located on municipal property. The Village Engineer will insure proper installation of stormwater management structures and facilities.*



# SPPP Form 4- Local Public Education Program

Municipality  
Information

Municipality: Village of Loch Arbour County Monmouth

NJPDES # : 0153516 PI ID #: 203115

Team Member/Title: Peter R. Avakian, PE, Village Engineer

Effective Date of Permit Authorization (EDPA): 4/01/04

Date of Completion: April 1, 2005 Date of most recent update: June 1, 2009

## Local Public Education Program

Describe your Local Public Education Program. Be specific on how you will distribute your educational information, and how you will conduct your annual event. Attach additional pages with the date(s) of your annual mailing and the date and location of your annual event.

*The Village has an annual newsletter mailing, which includes information related to yard waste collection, pet waste collection ordinance, and other Public Works related issues.*

*The Village intends to distribute the DEP provided brochure and other educational materials as a part of this annual mailing, to all municipal residents and businesses.*

*Copies of public education brochures and Attachment E "Local Public Education Approved Activities and Points Totals" are provided in the appendix.*

# SPPP Form 5 – Storm Drain Inlet Labeling

Municipality  
Information

Municipality: Village of Loch Arbour County Monmouth

NJPDES # : 0153516 PI ID #: 203115

Team Member/Title: Peter R. Avakian, PE, Village Engineer

Effective Date of Permit Authorization (EDPA): 4/01/04

Date of Completion: April 1, 2005 Date of most recent update: June 1, 2009

## Storm Drain Inlet Labeling

Describe your storm drain inlet labeling program, including your labeling schedule, the details of your long-term maintenance plan, and plans on coordinating with watershed groups or other volunteer organizations.

*The Village has completed installation of inlet labeling and will utilize Municipal Public Works personnel from Asbury Park to maintain the storm drain inlet labels. Labels will be inspected during catch basin inspections.*

*The Borough installed 4" diameter aluminum markers, applied to storm drainage inlets, to indicate no dumping-drains to waterways.*

*The labeling process was divided into two sectors, as indicated on a map in the appendix. Both Sector A and B have been labeled.*

# SPPP Form 6 – MS4 Outfall Pipe Mapping

Municipality  
Information

Municipality: Village of Loch Arbour County Monmouth

NJPDES # : 0153516 PI ID #: 203115

Team Member/Title: Peter R. Avakian, PE, Village Engineer

Effective Date of Permit Authorization (EDPA): 4/01/04

Date of Completion: April 1, 2005 Date of most recent update: June 1, 2009

Explain how you will prepare your map (include its type and scale, and the schedule for the mapping process). Who will prepare your map (e.g., municipal employees, a consultant, etc.)?

*In 1994, the Village completed a mapping of all storm drainage facilities and outfalls discharging into receiving waters of Deal Lake and the Atlantic Ocean. The maps locate existing storm drainage facilities, and, include location, size and numbering of each outfall pipe.*

*The Village was checked and verified by April 1, 2009.*

# SPPP Form 7 – Illicit Connection Elimination Program

Municipality  
Information

Municipality: Village of Loch Arbour County Monmouth

NJPDES # : 0153516 PI ID #: 203115

Team Member/Title: Peter R. Avakian, PE, Village Engineer

Effective Date of Permit Authorization (EDPA): 4/01/04

Date of Completion: April 1, 2005 Date of most recent update: June 1, 2009

Describe your Illicit Connection Elimination Program, and explain how you plan on responding to complaints and/or reports of illicit connections (e.g., hotlines, etc.). Attach additional pages as necessary.

*During the SIIA mapping, all outfalls were tested, to insure there were no illicit connections within the storm drainage system.*

*During the outfall verification process, Village personnel will utilize the DEP illicit connection report form to conduct inspections at each outfall, and file forms with the SPPP.*

*Any illicit connection found will be identified and cited for being in violation of the municipal ordinance. This action will become a part of information provided in the annual report.*

# SPPP Form 8 – Illicit Connection Records

<b>Municipality Information</b>	Municipality: <u>Village of Loch Arbour</u> County <u>Monmouth</u> NJPDES # : <u>0153516</u> PI ID #: <u>203115</u> Team Member/Title: <u>Peter R. Avakian, PE, Village Engineer</u> Effective Date of Permit Authorization (EDPA): <u>4/01/04</u> Date of Completion: <u>April 1, 2005</u> Date of most recent update: <u>June 1, 2009</u>
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**Prior to May 2, 2006**

*Note: Attach a copy of each illicit connection report form for outfalls found to have a dry weather flow.*

Total number of inspections performed this year? \_\_\_\_\_

Number of outfalls found to have a dry weather flow? \_\_\_\_\_

Number of outfalls found to have an illicit connection? \_\_\_\_\_

How many illicit connections were eliminated? \_\_\_\_\_

Of the illicit connections found, how many remain? \_\_\_\_\_

**May 2, 2006 – May 1, 2007**

*Note: Attach a copy of each illicit connection report form for outfalls found to have a dry weather flow.*

Total number of inspections performed this year? \_\_\_\_\_

Number of outfalls found to have a dry weather flow? \_\_\_\_\_

Number of outfalls found to have an illicit connection? \_\_\_\_\_

How many illicit connections were eliminated? \_\_\_\_\_

Of the illicit connections found, how many remain? \_\_\_\_\_

**May 2, 2007 – May 1, 2008**

*Note: Attach a copy of each illicit connection report form for outfalls found to have a dry weather flow.*

Total number of inspections performed this year? \_\_\_\_\_

Number of outfalls found to have a dry weather flow? \_\_\_\_\_

Number of outfalls found to have an illicit connection? \_\_\_\_\_

How many illicit connections were eliminated? \_\_\_\_\_

Of the illicit connections found, how many remain? \_\_\_\_\_

**May 2, 2008 – May 1, 2009**

*Note: Attach a copy of each illicit connection report form for outfalls found to have a dry weather flow.*

Total number of inspections performed this year? \_\_\_\_\_

Number of outfalls found to have a dry weather flow? \_\_\_\_\_

Number of outfalls found to have an illicit connection? \_\_\_\_\_

How many illicit connections were eliminated? \_\_\_\_\_

Of the illicit connections found, how many remain? \_\_\_\_\_

# SPPP Form 9 – Yard Waste Ordinance/Collection Program

Municipality  
Information

Municipality: Village of Loch Arbour County Monmouth

NJPDES # : 0153516 PI ID #: 203115

Team Member/Title: Peter R. Avakian, PE, Village Engineer

Effective Date of Permit Authorization (EDPA): 4/01/04

Date of Completion: April 1, 2005 Date of most recent update: June 1, 2009

Please describe your yard waste collection program. Be sure to include the collection schedule and how you will notify the residents and businesses of this schedule. Attach additional pages as necessary.

*The Village currently has a daily pickup schedule for yard waste during the leaf season. The cleanup and collection procedures are identified to residents and business owners in the annual newsletter.*

*The collection procedures will be enforced through an existing Village Ordinance.*

# SPPP Form 10 - Ordinances

Municipality  
Information

Municipality: Village of Loch Arbour County Monmouth

NJPDES # : 0153516 PI ID #: 203115

Team Member/Title: Peter R. Avakian, PE, Borough Engineer

Effective Date of Permit Authorization (EDPA): 4/01/04

Date of Completion: April 1, 2005 Date of most recent update: June 1, 2009

For each ordinance, give the date of adoption. If not adopted, explain the development status:

Pet Waste 03/01/2006

Are information sheets regarding pet waste distributed with pet licenses? Y ( ) N ( )

Litter 03/01/2006

Improper Waste Disposal 03/01/2006

Wildlife Feeding 03/01/2006

Yard Waste 03/01/2006

Illicit Connections 03/01/2006

How will these ordinances be enforced?

*The municipal code enforcement/zoning officer will be responsible for enforcement. Enforcement will follow similar measures to that of the property maintenance code, with two warnings, prior to a notice of violation.*

# SPPP Form 11 – Storm Drain Inlet Retrofitting

Municipality Information

Municipality: Village of Loch Arbour County Monmouth  
 NJPDES # : 0153516 PI ID #: 203115  
 Team Member/Title: Peter R. Avakian, PE, Village Engineer  
 Effective Date of Permit Authorization (EDPA): 4/01/04  
 Date of Completion: April 1, 2005 Date of most recent update: June 1, 2009

What type of storm drain inlet design will generally be used for retrofitting?

Repaing, repairing, reconstruction or alteration project name	Projected start date	Start date	Date of completion	# of storm drain inlets	# of storm drains w/ hydraulic exemptions
<i>Euclid Avenue Improvements</i>	<i>9/08</i>		<i>6/09</i>	<i>4</i>	

Are you claiming any alternative device exemptions or historic place exemptions for any of the above projects? Please explain:

*N/A*



# SPPP Form 12 – Street Sweeping and Road Erosion Control Maintenance

Municipality  
Information

Municipality: Village of Loch Arbour County: Monmouth

NJPDES # : 0153516 PI ID #: 203115

Team Member/Title: Peter R. Avakian, PE, Village Engineer

Effective Date of Permit Authorization (EDPA): 4/01/04

Date of Completion: April 1, 2005 Date of most recent update: June 1, 2009

## Street Sweeping

Please describe the street sweeping schedule that you will maintain.

(NOTE: Attach a street sweeping log containing the following information: date and area swept, # of miles swept and the total amount of materials collected.)

*The Village is maintained by the City of Asbury Park Department of Public Works.*

## Road Erosion Control Maintenance

Describe your Road Erosion Control Maintenance Program, including inspection schedules. A list of all sites of roadside erosion and the repair technique(s) you will be using for each site should be attached to this form.

(NOTE: Attach a road erosion control maintenance log containing the following information: location, repairs, date)

*There is no current road erosion control issues in the Village. A maintenance log will be kept as a part of the SPPP.*

# SPPP Form 13 – Stormwater Facility Maintenance

Municipality  
Information

Municipality: Village of Loch Arbour County: Monmouth

NJPDES # : 0153516 PI ID #: 203115

Team Member/Title: Peter R. Avakian, PE, Village Engineer

Effective Date of Permit Authorization (EDPA): 4/01/04

Date of Completion: April 1, 2005 Date of most recent update: June 1, 2009

Please describe your annual catch basin cleaning program and schedule. Attach a map/diagram or additional pages as necessary.

*Existing drainage inlets are cleaned at least once a year, with additional attention given in the event of flooding in localized areas. Inlets are located on the SIIA mapping.*

Please describe your stormwater facility maintenance program for cleaning and maintenance of all stormwater facilities operated by the municipality. Attach additional pages as necessary.

(NOTE: Attach a maintenance log containing information on any repairs/maintenance performed on stormwater facilities to ensure their proper function and operation.)

*There are no existing stormwater facilities located in the Village.*

# SPPP Form 14 - Outfall Pipe Stream Scouring Remediation

Municipality  
Information

Municipality: Village of Loch Arbour County: Monmouth

NJPDES # : 0153516 PI ID #: 203115

Team Member/Title: Peter R. Avakian, PE, Village Engineer

Effective Date of Permit Authorization (EDPA): 4/01/04

Date of Completion: April 1, 2005 Date of most recent update: June 1, 2009

Describe your stormwater outfall pipe scouring detection, remediation and maintenance program to detect and control active, localized stream and stream bank scouring. Attach additional pages as necessary.

(NOTE: Attach a prioritized list of sites observed to have outfall pipe stream and stream bank scouring, date of anticipated repair, method of repair and date of completion.)

*The village will evaluate all outfall pipes, and keep a log on file with regard to the condition and noted erosion at each location. Refer to appendix for log chart.*

*If erosion is observed, the Village will implement a capital improvement project for repair and maintenance.*

# SPPP Form 15 – De-icing Material Storage

Municipality  
Information

Municipality: Village of Loch Arbour County Monmouth

NJPDES # : 0153516 PI ID #: 203115

Team Member/Title: Peter R. Avakian, PE, Village Engineer

Effective Date of Permit Authorization (EDPA): 4/01/04

Date of Completion: April 1, 2005 Date of most recent update: June 1, 2009

## De-icing Material Storage

Describe how you currently store your municipality's de-icing materials, and describe your inspection schedule for the storage area. If your current storage practices do not meet the de-icing material storage SBR describe your construction schedule and your seasonal tarping interim measures. If you plan on sharing a storage structure, please include its location, as well as a complete list of all concerned public entities. If you store sand outdoors, describe how it meets the minimum standard.

*The Village of Loch Arbour has no storage of de-icing materials.*

# SPPP Form 16 - Standard Operating Procedures

<b>Municipality Information</b>	<p>Municipality: <u>Village of Loch Arbour</u> County: <u>Monmouth</u></p> <p>NJDEPS#: <u>0153516</u> PI ID #: <u>203115</u></p> <p>Team Member/Title: <u>Peter R. Avakian, PE, Village Engineer</u></p> <p>Effective Date of Permit Authorization (EDPA): <u>4-01-04</u></p> <p>Date of Completion: <u>April 1, 2005</u> Date of most recent update: <u>June 1, 2009</u></p>
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BMP	Date SOP went into effect	Describe your inspection schedule
<b>Fueling Operations</b> (including the required practices listed in Attachment D of the permit)	<i>NA</i>	
<b>Vehicle Maintenance</b> (including the required practices listed in Attachment D of the permit)	<i>NA</i>	
<b>Good Housekeeping Practices</b> (including the required practices listed in Attachment D of the permit)  <b>Attach inventory list required by Attachment D of the permit.</b>	<i>NA</i>	

# SPPP Form 17 – Employee Training

Municipality  
Information

Municipality: Village of Loch Arbour County Monmouth

NJPDES # : 0153516 PI ID #: 203115

Team Member/Title: Peter R. Avakian, PE, Village Engineer

Effective Date of Permit Authorization (EDPA): 4/01/04

Date of Completion: April 1, 2005 Date of most recent update: June 1, 2009

Describe your employee training program. For each required topic, list the employees that will receive training on that topic, and the date the training will be held. Attach additional pages as necessary.

Annual Employee Training will include the following topics:

Municipal Ordinances by Village Engineer

Waste Disposal Education by Code Enforcement/Zoning Officer

Yard Waste Collection by Supt. Village Clerk

Street Sweeping by Village Clerk

Post Construction Activity by Borough Engineer

Illicit Connection Education by Village Engineer

Outfall Pipe Mapping by Village Engineer

Outfall Pipe Stream Scouring Remediation by Village Engineer

See appendix for additional information.

The Borough will insure that all municipal employees view the NJPDES Municipal Stormwater Regulation Program Training Video located at the following web site (<http://www.njmel.org/stormwater.html>) on a yearly basis.

# Appendices

VILLAGE OF LOCH ARBOUR  
STORMWATER MANAGEMENT PROGRAM  
LOCAL PUBLIC EDUCATION  
STORM DRAIN INLET LABELING PROGRAM

Statewide Basic Requirement:

*Storm Drain Inlet Labeling Program – Tier A Municipalities shall establish a storm drain inlet labeling program and label all storm drain inlets along municipal streets with sidewalks, within plazas, parking areas or maintenance yards operated by Municipality. The program shall establish a labeling schedule, develop a long-term maintenance plan, and when possible, coordinate efforts with watershed groups or volunteer organizations.*

Labeling Program:

The Village Has initiated a labeling program, utilizing volunteer groups such as the local Boy Scouts and Elementary School students, to install and maintain markers on each Village inlet with a drawing of a fish and a cautionary message reading “Drains to Waterways”.

Labeling Material Selection:

The Village will utilize the 4” diameter Duracast Storm Drain Curb Markers, manufactured by Almetek Industries, Inc., Hackettstown, New Jersey or approved equal. Each marker will be labeled with the drawing of a fish in the center and the message “No Dumping-Drains to Waterways” around the perimeter of the marker.

Labeling Program:

Labeling within the Village is complete. The Village Clerk is coordinating the schedule of labeling and maintenance of labels, utilizing Village forces to conduct the bulk of the labeling work. Volunteer groups will be contacted as needed to assist the Village. Markers have been placed in areas of minimal or no vehicular traffic and labeling during times where surface temperatures exceed 50 degrees for optimal adhesion to the inlets.



### Labeling Procedures:

- A wire brush or broom will be utilized to clear away any loose debris from the inlet prior to labeling. Vegetative growth around the inlet will be removed as needed.
- Debris collected will be disposed of properly.
- Adhesive will be applied as needed and as recommended by the manufacturer.
- The curb marker will be applied to the cleaned area and held down to insure a proper seal with the adhesive.

### Maintenance Procedures:

Village forces will conduct periodic inspection of each inlet during their inlet/cleaning program. Inlets will be inspected to ensure they are visible and firmly adhered to the inlet. Markers found to require replacement will be replaced as needed.

# Solutions to Stormwater Pollution

## *Easy Things You Can Do Every Day To Protect Our Water*

### **A Guide to Healthy Habits for Cleaner Water**

**P**ollution on streets, parking lots and lawns is washed by rain into storm drains, then directly to our drinking water supplies and the ocean and lakes our children play in. Fertilizer, oil, pesticides, detergents, pet waste, grass clippings: You name it and it ends up in our water.

Stormwater pollution is one of New Jersey's greatest threats to clean and plentiful water, and that's why we're all doing something about it.

By sharing the responsibility and making small, easy changes in our daily lives, we can keep common pollutants out of stormwater. It all adds up to cleaner water, and it saves the high cost of cleaning up once it's dirty.

As part of New Jersey's initiative to keep our water clean and plentiful and to meet federal requirements, many municipalities and other public agencies including colleges and military bases must adopt ordinances or other rules prohibiting various activities that contribute to stormwater pollution. Breaking these rules can result in fines or other penalties.



**As a resident, business, or other member of the New Jersey community, it is important to know these easy things you can do every day to protect our water.**

### **Limit your use of fertilizers and pesticides**

Do a soil test to see if you need a fertilizer.

Do not apply fertilizers if heavy rain is predicted.

Look into alternatives for pesticides.

Maintain a small lawn and keep the rest of your property or yard in a natural state with trees and other native vegetation that requires little or no fertilizer.

If you use fertilizers and pesticides, follow the instructions on the label on how to correctly apply it.



Make sure you properly store or discard any unused portions.

### **Properly use and dispose of hazardous products**

Hazardous products include some household or commercial cleaning products, lawn and garden care products, motor oil, antifreeze, and paints.

Do not pour any hazardous products down a storm drain because storm drains are usually connected to local waterbodies and the water is not treated.



- If you have hazardous products in your home or workplace, make sure you store or dispose of them properly. Read the label for guidance.

- Use natural or less toxic alternatives when possible.

- Recycle used motor oil.

- Contact your municipality, county or facility management office for the locations of hazardous-waste disposal facilities.



### Keep pollution out of storm drains

- Municipalities and many other public agencies are required to mark certain storm drain inlets with messages reminding people that storm drains are connected to local waterbodies.

- Do not let sewage or other wastes flow into a stormwater system.

### Clean up after your pet

- Many municipalities and public agencies must enact and enforce local pet-waste rules.

- An example is requiring pet owners or their keepers to pick up and properly dispose of pet waste dropped on public or other people's property.

- Make sure you know your town's or agency's requirements and comply with them. It's the law. And remember to:

- Use newspaper, bags or pooper-scoopers to pick up wastes.

- Dispose of the wrapped pet waste in the trash or unwrapped in a toilet.

- Never discard pet waste in a storm drain.

### Don't feed wildlife

- Do not feed wildlife, such as ducks and geese, in public areas.

- Many municipalities and other public agencies must enact and enforce a rule that prohibits wildlife feeding in these areas.



### Dispose of yard waste properly

- Keep leaves and grass out of storm drains.

- If your municipality or agency has yard waste collection rules, follow them.

- Use leaves and grass clippings as a resource for compost.

- Use a mulching mower that recycles grass clippings into the lawn.

### Don't litter

- Place litter in trash receptacles.

- Recycle. Recycle. Recycle.

- Participate in community cleanups.



### Contact information

For more information on stormwater related topics, visit [www.njstormwater.org](http://www.njstormwater.org) or [www.nonpointsource.org](http://www.nonpointsource.org)

Additional information is also available at U. S. Environmental Protection Agency Web sites [www.epa.gov/npdes/stormwater](http://www.epa.gov/npdes/stormwater) or [www.epa.gov/nps](http://www.epa.gov/nps)

New Jersey Department of Environmental Protection  
Division of Water Quality  
Bureau of Nonpoint Pollution Control  
Municipal Stormwater Regulation Program  
(609) 633-7021



April 2004





# Village of Loch Arbour

## **ATTENTION ALL LAWN MAINTENANCE PROVIDERS**

**PLEASE DO NOT SWEEP OR BLOW YOUR GRASS CLIPPINGS, BRUSH OR LEAVES INTO THE STREET. THIS PRACTICE IS NOT ALLOWED AND IS PROHIBITED BY ORDINANCE. THE ONLY TIME LEAVES CAN BE PLACED AT THE CURB IS FROM OCTOBER-DECEMBER AND IS LIMITED TO LEAVES ONLY .**

**THIS WASTE GETS WASHED INTO OUR STORM DRAINS, CAUSING BLOCKAGES, DAMAGE AND STREET FLOODING.**

***FAILURE TO COMPLY WITH OUR LOCAL ORDINANCES WILL RESULT IN THE ISSUANCE OF A SUMMONS.***

**THANK YOU FOR YOUR COOPERATION!**



***ADDITIONAL INFORMATION ON THIS AND OTHER ORDINANCES CAN BE OBTAINED FROM OUR WEBSITE:***

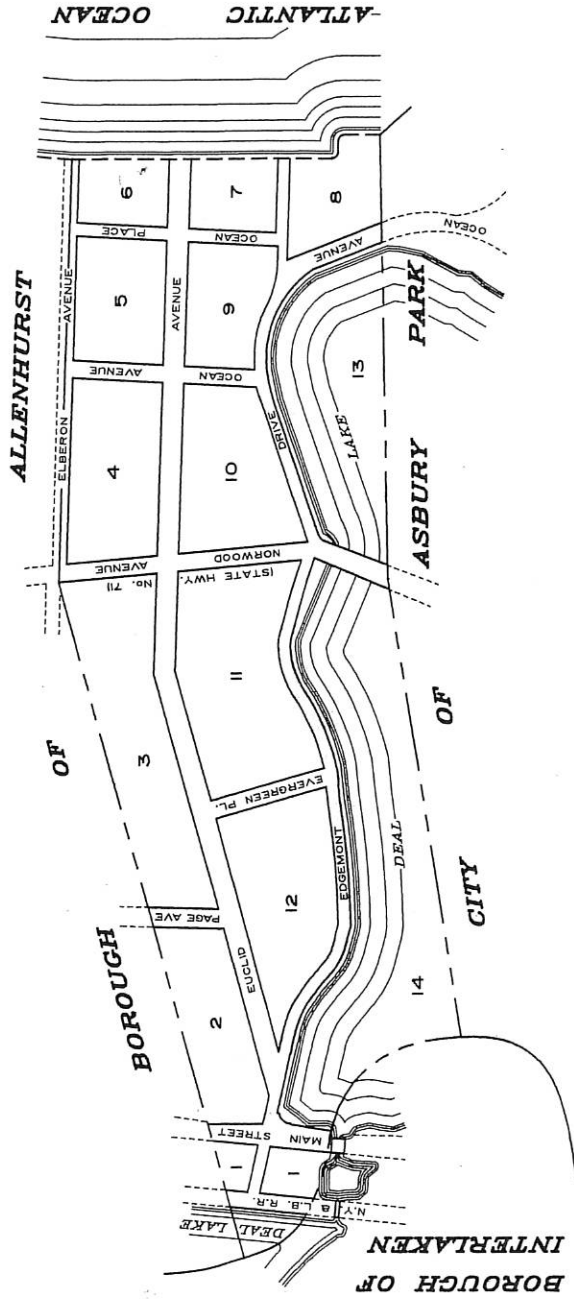
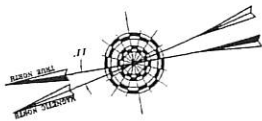
**[www.locharbournj.us](http://www.locharbournj.us)**

**Attachment E**  
**Local Public Education Approved Activities and Point Totals**

**I. Tier A Municipalities shall conduct educational activities that total a minimum of 10 points annually. Each approved activity is listed below with an assigned point value.**

1. **School Presentations** - Present educational classes/assemblies to local elementary, middle, and/or high school classes. (1 point per visit / maximum of 5 points per year)
2. **Website** – Maintain a stormwater related page on the municipal website and include a link to [www.cleanwater.nj.org](http://www.cleanwater.nj.org). (1 point)
3. **Stormwater Display** – Present a stormwater related display and materials at any municipal event (e.g., Earth Day, town picnic) or maintain a display at the municipal building (2 points)
4. **Giveaway** – Distribute an item with a stormwater related message (e.g., refrigerator magnets, temporary tattoos, bookmarks, coloring books, and pens or pencils). Municipality must purchase a minimum number of the item equal to 10% of the municipal population. (2 points)
5. **Citizen Stormwater Advisory Committee** – Establish a subcommittee to the Environmental Commission to identify, coordinate and implement stormwater related programs. (2 points)
6. **Utilize Department Materials** - Use Department created stormwater education materials, which can be found on [www.cleanwater.nj.org](http://www.cleanwater.nj.org) to publish an ad in a newspaper that serves the municipality; broadcast a radio or television commercial on a local radio or municipal public service channel; produce a billboard or sign which can be displayed on a bus, bus stop shelter, or at a recreation field (outfield sign). (2 points each / maximum of 4 points per year)
7. **Poster Contest** – Organize a poster contest with a local school district. Poster themes shall have an appropriate stormwater message. Posters are to be displayed at buildings within the municipality such as at the town hall, library, or school. (2 points)
8. **Stormwater Training for Elected Municipal Officials** – Conduct a program for all elected municipal officials which educates them on the Stormwater Management Rules (N.J.A.C. 7:8), Tier A Permit and what steps the municipality has already taken to minimize stormwater pollution. (3 points)
9. **Mural** – Facilitate the planning and painting of a stormwater pollution themed mural at a local downtown/commercial area. (3 points)
10. **Mailing** – Distribute any of the Department’s educational brochures, tip cards, or a municipally produced equivalent (e.g, calendar, recycling schedule), to every resident and business in the municipality. (3 points)
11. **Partnership Agreement / Local Event** - Identify and enter into a partnership agreement with a local group such as a watershed organization, Riverkeeper, school, youth/faith based group and/or other nonprofit to carry out a minimum of two (2) watershed stewardship/education activities (e.g., litter march, stream/beach cleanup). (3 points)
12. **Ordinance Education** – Distribute a letter from the mayor to every resident and business in the municipality highlighting the requirements and environmental benefits of the Pet Waste, Litter, Improper Disposal of Waste, Wildlife Feeding, Yard Waste, Illicit Connection, Refuse Container, and Private Storm Drain Inlet Retrofitting Ordinances. This letter/article must also reference a page on the municipal website (if applicable) to which residents can go to read these ordinances. (5 points)

\* Posting these ordinances does not constitute the development of a website referenced above.



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**VILLAGE OF LOCH ARBOUR**  
 OVERALL ROAD MAP  
 FOR THE  
**VILLAGE OF LOCH ARBOUR**  
 MONMOUTH COUNTY, NEW JERSEY

SCALE	DATE	DRAWN BY	CHECKED	SHEET	JOB NO.
1" = 200'	June 5, 1997	M.T.S.	M.S.	1 of 1	LA 8104

DATE
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VILLAGE OF LOCH ARBOUR  
STORMWATER MANAGEMENT PROGRAM  
SOLIDS AND FLOATABLE CONTROLS  
STORMWATER FACILITY MAINTENANCE

Statewide Basic Requirement:

*Stormwater Facility Maintenance – Tier A Municipalities shall develop and implement a stormwater facility maintenance program for cleaning and maintenance of all stormwater facilities operated by the Tier A Municipality. Stormwater facilities include, but are not limited to: catch basins, detention basins, filter strips, riparian buffers, infiltration trenches, sand filters, constructed wetlands, wet basins, bioretention systems, low flow bypasses, and stormwater conveyances. The stormwater facility maintenance must be performed as required to ensure the proper function and operation of the stormwater facility. Tier A Municipalities shall also clean all catch basins annually to remove accumulated sediment, trash and debris.*

Existing Stormwater Facilities:

The Village stormwater facilities are currently maintained by the City of Asbury Park Dept. of Public Works. The existing outfalls are located along the shore line of Deal Lake (See enclosed location map). In addition, the Village has approximately 50 storm drain inlets and approximately one mile of storm sewer pipe ranging in size from 8 inches to 48 inches.

Inspection Program:

As part of the Village's regular maintenance program the Asbury Park Department of Public Works (DPW) shall inspect the Village's stormwater outfalls as follows:

- Inlets shall be inspected on a yearly basis in conjunction with the Village's street sweeping program.

- Storm sewer pipes identified as problem areas shall be inspected after major storm events and on an as needed basis. Broken or collapsed storm sewer pipes shall be reported to the Village Engineer.
- Outfalls shall be inspected on an as needed basis upon completion of the Outfall Pipe Scouring Inspection Program. Evidence of additional scouring or erosion will be reported to the Village Engineer.

Maintenance Program:

Based on field observations, the following routine maintenance will be performed as required:

- Inlets with evidence of debris will be cleaned by the Asbury Park DPW utilizing their jet-vacuum truck.
- Inlet labels will be replaced as needed once the labeling program is complete.
- Blocked storm sewer pipes shall either be hand snaked or jetted to remove the blockage.

The DPW will note all inspection and maintenance/repair calls for the stormwater outfalls in their internal maintenance log (See the enclosed sample copy).



VILLAGE OF LOCH ARBOUR  
 STORMWATER COMPLIANCE PROGRAM  
 SOLIDS AND FLOTABLE CONTROL  
 STORMWATER OUTFALL MAINTENANCE CHART

DATE OF INSPECTION	NAME OF OUTFALL	MAINTENANCE REQUIRED	TYPE OF MAINTENANCE REQUIRED	DATE OF MIANTENANCE	DEBRIS REMOVED*	ADDITIONAL COMMENTS
		Y / N				
		Y / N				
		Y / N				
		Y / N				
		Y / N				
		Y / N				
		Y / N				
		Y / N				
		Y / N				
		Y / N				
		Y / N				
		Y / N				
		Y / N				
		Y / N				
		Y / N				
		Y / N				
		Y / N				
		Y / N				
		Y / N				
		Y / N				
		Y / N				

\* DPW TO NOTE THE AMOUNT OF DEBRIS REMOVED

VILLAGE OF LOCH ARBOUR  
STORMWATER MANAGEMENT PROGRAM  
EMPLOYEE TRAINING PROGRAM

Statewide Basic Requirement:

*Employee Training Program – Tier A Municipalities shall develop and conduct an annual employee training program for appropriate employees on appropriate topics. At a minimum, annual employee training will include the following topics:*

- *Waste Disposal Education*
- *Yard Waste Collection Program*
- *Municipal Ordinances*
- *Illicit Connection Elimination and Outfall Pipe Mapping*
- *Street Sweeping*
- *Stormwater Facility Maintenance*
- *Road Erosion Control and Outfall Pipe Stream Scouring Remediation*
- *Maintenance Yard Operations (including Ancillary Operations)*
- *Construction Activity/Post-Construction Stormwater Management in New Development and Redevelopment*

Employee Training:

All employees will be required to watch the NJPDES Municipal Stormwater Regulation Program Training Video located at the following web site link (<http://www.njmel.org/stormwater.html>). For each of the required training topics the Borough will also conduct a tutorial outlining the benefits gained from each new program and any additional work activities that will be required with the implementation of the Stormwater Management Program. Field Training will be given to those employees attending the training for illicit connection elimination and maintenance yard operations.

Training will be as follows:

<u>Required Attendees</u>	<u>Course Covered</u>
Public Work Employees	Waste Disposal Education; Municipal Ordinances; Yard Waste Collection Program; Illicit Connection Elimination; Outfall Pipe Mapping; Street Sweeping; Stormwater Facility Maintenance; Road Erosion Control; Outfall Pipe Stream Scouring Remediation; Maintenance Yard Operations; and Construction activity/Post Construction Stormwater Management in New Development and Redevelopment
Code Enforcement Officer	Municipal Ordinances; Waste Disposal Education; and Construction Activity/Post-Construction Stormwater Management in New Development and Redevelopment
Police Department Officers	Municipal Ordinances
Sewer Department Manager	Illicit Connection Elimination; and Outfall Pipe Mapping
Other Appropriate Users	Maintenance Yard Operations

Upon completion of the training session, the SPPP plan will be updated to include the date of the training program and a list of attendees.

Optional Measures:

Based on the effectiveness of the first training program, the Borough will evaluate if alternative training tools can be utilized to optimize the training program. Alternative training tools can include the use of informational CD's as provided by the Conservation Technology Information Center or formal training seminars as provided by the Watershed Ambassadors Program, the Watershed Institute, or the Center for Watershed Protection. Modifications to the Borough's annual training program will be included in the SPPP plan.