

Municipality/Organization: Town of Hull

EPA NPDES Permit Number: MAR041040

MassDEP Transmittal Number: W-046041

Annual Report Number & Reporting Period: **Year 15**
April 1, 2017 – March 31, 2018

NPDES PII Small MS4 General Permit Annual Report (Due: May 1, 2018)

Part I. General Information

Contact Person: James Dow

Title: DPW Director

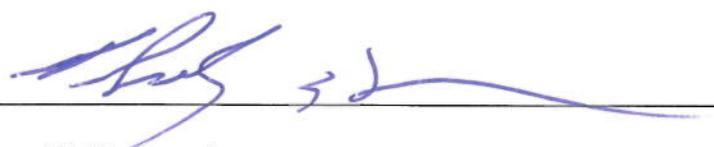
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Mailing Address: 9 Nantasket Ave, Hull, MA 02045

Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: 

Printed Name: Philip Lemnios

Title: Town Manager

Date: April 24, 2018

Part II. Self-Assessment

The Town of Hull has completed the required self-assessment for year 15 and we have determined that our municipality is in compliance with all permit conditions except as noted below:

Part III 2.3 Annual Stormwater Committee Meeting

Due to several severe weather events in March, the Annual Stormwater Committee Meeting was not held until April 12, 2018.

Part III. Summary of Minimum Control Measures

1. Public Education and Outreach

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities
1.1	Stormwater Flyer to Community Residences	Stormwater Committee DPW	Development and Distribution of flyer	A Stormwater Management flyer is available at Town Hall, DPW Building, and on a separate “Stormwater Management” page on the Town’s Website. (Attachment 1)	
Revised					
1.2	Identify and expand on stormwater, watershed, and water quality education in the School System (combined with previous 1.8)	Stormwater Committee, DPW, School Dept.	Implementation of curriculum.	The Hull Memorial Middle School provides environmental education to 6 th grade students through their Earth Science course. The Hull High School offers a number of science and environmental courses dealing with stormwater management as noted in the attached program. (Attachment 2)	
Revised					
1.3	Stormwater flyer and survey to community businesses	Stormwater Committee, Conservation Commission, Board of Health	Distribution or make available to all residents and businesses.	(See 1.1 and 1.4)	
Revised					
1.4	Identify and coordinate with local media sources to publicize press releases, meetings, and events	Stormwater Committee and DPW Director	Identify all local media sources, and maintain record of distribution.	Beginning in Year 4, the Town has been issuing press releases to educate the public about the need for proper stormwater management on a regular basis. Frequently, this information is included in press releases about related subjects such as street sweeping. (Attachment 3)	
Revised					

1.5	Coordinate with local watershed groups on providing a series of lectures to community residents	Stormwater Committee, local watershed groups (i.e., WRWA & SPWA)	Record number of meetings and attendance at all such meetings if possible.	The Town continues to work with local watershed and environmental groups to inform the public about stormwater management issues. These groups include the Weir River Watershed Association, the Straits Pond Watershed Association, The Weir River Estuary Park Committee, the Hingham Land Conservation Trust, the Hull Conservation Land Trust, and the Aquarion Water Company. (Attachment 4)	
Revised					
1.6	Consider posting signs at publicly accessible stormwater outfalls			This BMP was determined to be inappropriate and deleted from plan. (However, see 1.9)	
Revised					
1.7	Develop a Stormwater Awareness Package	Stormwater Committee, Board of Selectmen, Conservation Commission	Materials to be included in package compiled. Number of packages distributed.	A "Stormwater Management" flyer/brochure is available at Town Hall and the DPW and a separate "Stormwater Management" page is available on the Town's Website.	
Revised	<i>Combine with 1.2</i>	Combine with 1.2	Combine with 1.2	(See Attachment 1)	
1.8	Meet with local school officials annually to identify past activities and upcoming curriculum. Identify organizations that offer stormwater education resources.	Stormwater Committee, School Department	School Department official contacted, meeting conducted. Each school has designated contact. Organizations identified and contacted.	A representative of the School Department serves on the Town's "Stormwater Management Committee". (Also see 1.2 and 1.5) (Attachment 5)	
Revised					
1.9	Develop Storm Drain Stenciling Program	DPW, Stormwater Committee, Conservation Commission, local watershed groups	Program developed, volunteers organized, basins identified	The Town was never able to locate a suitable volunteer for the stenciling program. However, as an alternative the Town is now installing catch basin grates that are marked with "DUMP NO WASTE" and "DRAINS TO WATERWAYS" stamped into the	

Revised				grate. All future grates installed in the Town will have this wording. (Attachment 6)	
1.10	Make the Stormwater Management Plan available to the general public	Town Manager, Stormwater Committee	Develop a Plan. Make the Plan available at Town Hall, Library, and in schools as an environmental education resource. Consider putting the plan on the website.	The Town's Stormwater Management Plan, Notice of Intent, and Annual Reports are available at the Town Hall, DPW Office, and Hull Public Library.	
Revised					
1.11	Consider developing a Stormwater Management Web page informing citizens about SWMP waste disposal options, stormwater "friendly" practices, volunteering opportunities, and the status of local beaches	DPW, Conservation Commission, Stormwater Committee, Board of Health, Surf Riders Association	Web page developed. Consider links to other websites such as WRWA, MA DEP, and USEPA.	The Town has a Separate Stormwater Management Web page which it periodically updates and adds new links and information to as it becomes available. (See Attachment 1)	
Revised					

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities
2.1	Research possible resources available to the Town to assist in developing a storm-water public participation and outreach program	Town Manager, Conservation Commission, Stormwater Committee	Resources identified, public participation and outreach implemented.	In Year 15 the DPW met with a number of other Town Departments and local environmental groups to discuss and encourage public participation, outreach, and awareness of proper stormwater management. Community groups and committees the Town has interacted with include the Straits Pond Watershed Association, the Weir River Estuary Committee, the Hull Land Conservation Trust, the Water Resources Committee, the Hull Garden Club, and the Hull Boosters. (Also see BMP 1.5)	
Revised					
2.2	Start a local Storm-water Committee to assist in developing and implementing plan	Town Manager, DPW, Conservation Commission	Committee established, meetings conducted, plan developed, activities conducted.	In addition to the local groups noted in 2.1 above, representatives of the Town Departments serving on the Stormwater Committee have been meeting on a regular basis to discuss stormwater issues. These meeting are often conducted in conjunction with other meetings for related issues (i.e. Pre-disaster Mitigation/Community Rating System, Beach Management Committee), as well as at biweekly Public Safety Department Head Meetings.	
Revised					

2.3	Stormwater Plan Annual Meeting	Stormwater Committee	Annual meetings planned, noticed, conducted, minutes prepared. Number of attendees. Comments received, considered. (Plan Development, Final Plan, and Annual Report).	The Town of Hull's Stormwater Management Committee's Annual meeting was held on April 12, 2018 and a copy of the Annual Stormwater Meeting sign in sheet has been attached. (Attachment 7)	
Revised					
2.4	Stormwater Traveling Exhibit	Stormwater Committee, School Department, local watershed groups	Consider working with schools and other organizations to develop exhibit. Displayed in several public locations. Prospects identified for future displays.	See BMP 2.6	
Revised					
2.5	Identify and coordinate with neighboring communities in the watershed who are implementing Stormwater Management Plans.	Town Manager, Board of Selectmen, Stormwater Committee	Communities identified and contacted. Coordination meeting. Multi-town programs planned and implemented.	The Town meets with representatives from other South Shore Communities regularly by attendance at Plymouth County Highway, South Shore Recycling Cooperative, Mass Tree Wardens Association, and other such group meetings. In addition the Hull DPW Director is in frequent contact with representatives of the neighboring Towns of Hingham and Cohasset concerning joint projects such as the management of the Straits Pond Culvert and Tide Gate, recycling, and storm water management.	
Revised					

2.6.	<i>Coordinate with the School Department to promote stormwater awareness projects in the schools and then displaying these projects to the public.</i>	Town Manager, Conservation Commission, Stormwater Committee, School Department, DPW Director, local watershed groups.	School Dept. contacted and meeting scheduled. Possible projects identified. Projects completed and displayed in public buildings.	Hull High School Assistant Principal Nicole Nosek is a member of the Town's Stormwater Management Committee and environmental classes are part of the High School curriculum.	
Revised				(See Attachments 2 and 5)	
2.7	Develop Storm drain Stenciling Program	DPW, Storm-water Committee, WRWA, SPWA, Conservation Committee	Program developed, volunteers organized, basins identified and stenciled.	(See 1.9)	
Revised					
2.8	Coordinate with WRWA, SPWA, Surf Riders Association, Weir River Estuaries, and others to implement water quality monitoring and review results.	DPW, Storm-water Committee, Conservation Commission, High School, local watershed groups, Board of Health.	Meeting conducted, activities scheduled, conducted. Results reviewed, potential actions identified, implemented.	The Town partnered with the SPWA for Water Quality Monitoring of Straits Pond. This monitoring was put on hold while the tide gate and culvert/bridge was reconstructed. Due to a series of on- going problems with the gate controls and alarm system, this water quality monitoring has not yet resumed. However, water quality testing is carried out by the Board of Health at all beach areas throughout the Summer. A summary of the testing is attached.	
Revised				(Attachment 8)	

2.9	Identify and coordinate with potential volunteers, to include “neighborhood watch” groups, Boy and Girl Scout organizations, school groups/clubs, local and regional environmental advocates.	DPW, Conservation Commission, Stormwater Committee	Groups identified. Contact established, meetings conducted. Activities scheduled, conducted. Number of participating.	See BMP 1.5, 2.1 and 2.8	
Revised	<i>Combined with 2.8</i>	Combined with 2.8	Combined with 2.8		
2.10	Sponsor and support neighborhood, town wide, and beach cleanup projects.	DPW, Town Manager, Conservation Commission, Stormwater Committee, CZMA, local watershed groups, Board of Health.	Groups identified. Contact established, meetings conducted. Activates scheduled, conducted. Number of events sponsored/supported, amount of material collected, number of volunteers participating.	Clean up events sponsored or supported in Year 15 include regular beach clean ups in accordance with the Town’s formal “Beach Management Plan”, the annual “Coast Sweep” clean up, and numerous neighborhood and local beach clean ups. In Year 15 the Town also sponsored an annual Beach Grass Planting Day. The Beach Management Plan was submitted with the Year 5 report. (Attachments 9, 10 and 11)	
Revised					
2.11	Identify stormwater projects important to Hull Citizens (i.e. Straits Pond and Estuary Park projects) and assist in promoting and coordination volunteer efforts on these projects.	DPW, Conservation Commission, town Manager and Board of Selectmen, SPWA, Weir River Estuaries.	Projects identified, inventoried, and promoted. Local watershed groups are assisted. Number of volunteers assisting in projects.	In Year 15 the Town continued work on the Straits Pond/Richards Road Water Quality Improvement Project that was supported by citizens of Hull, Hingham, and Cohasset, and funded in part by a “319” Grant. The project is summarized in the attached press release. (See Attachment 12)	
Revised					

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 15 (Reliance on non-municipal partners indicated, if any)	Planned Activities
3.1	Consider implementation of a GIS system to include the Storm Sewer System	DPW	Mapping completed, consider integration of asset management system	GIS system in place and components of system located and mapped.	
Revised	<i>Map and assess condition of storm-water of stormwater system components. Verify outfall locations as identified in the Harbor Management Plan. Conduct as outfall survey.</i>	DPW	Number of outfalls verified, survey of outfalls, investigations identified, prioritized, conducted.	Stormwater system assessments conducted in Year 15 in conjunction with Town's "Standard Operating Procedures for Stormwater Systems" and "Seawall Maintenance and Monitoring" inspection program. (Submitted with Year 7 Annual Report)	
3.2	Verify outfall locations as identified in the Harbor Management Plan. Conduct an outfall survey.	DPW	Number of outfalls verified. Survey of outfalls completed. Investigations identified, prioritized, conducted.	Beginning in Year 11, the Town has been using a new "Outfall Inspection Report Log" which identifies, evaluates, and records inspection information or drain outfalls throughout Town. A copy of a portion of the Log is attached.	
Revised	<i>Combined with 3.1</i>	Combined with 3.1	Combined with 3.1	(See Attachment 13)	

3.3	Adopt by-law to effectively prohibit illicit discharges into the storm system.	DPW, Stormwater Committee, Conservation Commission	Review of model ordinance to ensure compliance with existing laws and regulations. Draft language and legal review. Conduct informational meetings as necessary. Submit to warrant, schedule for vote at Town Meeting. Article voted, accepted.	The Town of Hull currently has both a “Stormwater Bylaw” and “Stormwater Regulations” which are enforced by the Conservation Commission, that prohibit illicit discharges into storm drain systems. (Submitted with Year 7 Annual Report)	
Revised					
3.4	Develop a program to record and investigate suspected illicit discharges.	DPW, Board of Health, Sewer Department, and Conservation Commission.	Program developed. Suspected illicit connections investigated. Source identified and scheduled for removal. Enforcement actions taken or referred to other entity such as police, Health Department, MA DEP or US EPA.	The DPW staff has been trained to look for illicit discharges when cleaning catch basins and other drain structures, and the town continues to respond to and investigate citizen complaints. Most complaint investigations involve a number of Town Departments including DPW, Board of Health, Conservation Commission, and Sewer Department. Illicit discharges are most likely to be detected during Seawall Maintenance and Monitoring Plan inspections. (See BMP 6.3)	
Revised				(See attachment 14)	
3.5	Inform public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste.	DPW, Stormwater Committee, WRWA	Ensure that educational materials developed include illicit discharge awareness. Materials developed and distributed.	In Year 15 the DPW Director presented information on stormwater management and the NPDES program to all Department Heads on several occasions, and issued a press release on stormwater management. Stormwater education material is	

Revised				<p>available on the Town's Web page and Cable Channel, including a Stormwater Management information brochure, Household Hazardous Waste Disposal Information, and Non Toxic Cleaning Alternatives.</p> <p>In addition, in Year 15 the DPW Director secured funding to rejoin the South Shore Recycling Cooperative and to sponsor a Household Hazardous Waste Collection in the Fall of 2017.</p> <p>Attachment 15 (also see Attachments 1 & 3)</p>	
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4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities
4.1	Review, revise (if necessary), and implement the existing stormwater by-law to require erosion and sediment controls.	Town Planner, DPW, Conservation Commission, Stormwater Committee	Review of model ordinance and existing stormwater by-law. Ensure compliance with existing laws and regulations. Review of stormwater management plans. Conduct informational meeting. Modify existing by-law if necessary.	The Town has both a “Stormwater By-Law” and “Stormwater Regulations” which require sedimentation and erosion controls for construction projects in Town. The Bylaws and Regulations were submitted with prior year’s report. (Also see 3.3)	
Revised					
4.2	Ensure that construction site operators disturbing one acre or more implement erosion and sediment controls	Building Officials, Town Planner, DPW, Conservation Commission	Inspection schedule established. Inspections conducted. Deficiencies noted and corrected.	The Conservation Commission, Building Department and DPW all monitor construction sites over one acre for sedimentation and erosion control. There were no new projects over one acre in the permit year. (Also see 4.3) (Attachment 16)	
Revised					
4.3	Ensure construction site operators disturbing one acre or more control construction wastes, and other wastes that may cause adverse impacts to water quality during construction	Building Officials, Town Planner, DPW, Stormwater Committee, Conservation Commission	Ensure stormwater by-law includes language to control construction wastes. Inspections conducted. Deficiencies noted and corrected.	The Conservation Commission, Building Department, DPW, and Board of Health all monitor construction sites, over one acre for construction waste. There were no new projects over one acre in the permit year. A breakdown of Building Permits issued in Year 15 is attached. (See Attachment 16)	
Revised					

4.4	Develop procedures for site plan review which incorporate consideration of potential water quality impacts	Building Officials, Town Planner, DPW, Stormwater Committee, Conservation Commission	Ensure stormwater by-law includes language for site plan review. Consider providing guidance documents or other outreach materials for developers.	The DPW Planning Board and Conservation Commission all review permit applications proper stormwater management. New developments are required to install BMP's as part of the development. Plans are reviewed for stormwater quality. Town works with applicants to develop designs that will help the Town to achieve better stormwater quality, and address soil erosion and sediment control during construction.	
Revised					
4.5	Develop procedures for site inspection and enforcement of control measures	Building Officials, town Planner, DPW, Conservation Commission	Inspection schedule established. Inspections conducted. Deficiencies noted and corrected.	In Year 15 all construction sites in Town were inspected for erosion controls by the Building Inspector and/or the Conservation Administrator. DPW also inspects sites of concern and refers any issues off to Building or Conservations for enforcement.	
Revised					
4.6	Develop procedures for receipt and consideration of information submitted by the public.	Building Officials, Town Planner, DPW, Stormwater Committee, Conservation Commission	Develop a form for the public to provide information. Designate municipal official responsible for receiving, reviewing, and responding to information. Track deficiencies and corrections. Post form on town website.	Complaints to Building Department or Conservation Commission are usually handled by that department. Complaints to DPW or Board of Health are usually referred off to Conservation and/or Building Department. Complaints to DPW are logged and tracked on Work Lists, and/or Work Orders.	
Revised				(Attachment 17)	

5. Post-Construction Stormwater Management in New Development and Redevelopment

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 15 (Reliance on non-municipal partners indicated, if any)	Planned Activities
5.1	Identify structural and non-structural best management practices (BMP's) appropriate for the community	Town Planner, DPW, Conservation Commission, Stormwater Committee	Incorporate by reference state specific standards (i.e acceptable practices under Wetlands Protection Act). Identify standard practices which are not acceptable in the community. Consider developing guidance documents or other outreach materials for developers outlining BMP selection and guidance on proper operation and maintenance.	In Year 15 Town Departments continued to evaluate construction projects to identify and if possible require both structural and non-structural BMP's. (Also see BMP 2.11)	
Revised					
5.2	Adopt by-law to require post-construction runoff controls.	Town Planner, DPW, Conservation Commission, Stormwater Committee	Review of model ordinance to ensure compliance with existing laws and regulations. Draft language and legal review. Conduct informational meetings as necessary. Submit to warrant, schedule for vote at Town Meeting. Article voted, accepted.	The Town currently has a Stormwater By-Law and Regulations entitled "Standards and Specifications for Stormwater Management Systems" that require post construction inspection and maintenance of all storm water BMP's. The Town continues to enforce the By-Law and Regulations. (See 3.3 & 4.1)	
Revised					

6. Pollution Prevention and Good Housekeeping in Municipal Operations

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 15 (Reliance on non-municipal partners indicated, if any)	Planned Activities
6.1	Review and expand upon the current public street and parking lot sweeping program. Consider tracking streets and curb miles swept and the quantity of material collected.	DPW, Storm-water Committee	Continue existing program and maintain records on areas swept including, a breakdown of beach sand and road sand.	In Year 15 the Town swept all public roadways and municipal parking areas at least once, and environmentally sensitive areas, beach locations, low lying areas and the business districts more than once. Logs were maintained on dates and amounts including a breakdown of sand types.	
Revised				(Attachment 18) (Also see Attachment 3)	
6.2	Consider including pollution prevention training for equipment operators	DPW, Storm-water Committee	Consider including pollution prevention training for equipment operators. Evaluate the existing level of awareness of equipment operators. Consider incorporating Health and Safety training with stormwater awareness training.	In house training is done to educate DPW staff about proper stormwater management, and spill containment supplies are in DPW vehicles. The Fire Department is trained and available to respond to any hazardous material spills, and has an “emergency response trailer” that is equipped with supplies and materials needed for this.	
Revised	<i>Include pollution prevention, environmental awareness, and spill response training for equipment operators</i>	<i>DPW, Storm - water Committee, Fire Department, and Police Department</i>	<i>Provide pollution prevention, environmental awareness and spill response training for equipment operators and other town staff as appropriate. Evaluate the existing level of awareness of equipment operators.</i>		

6.3	Review and expand upon the current storm system inspection and maintenance program	DPW, Conservation Commission, Stormwater Committee	Continue existing program. Identify the system and all public structures tributary to the system. Conduct a catch basin sediment accumulation pilot program. Establish a routine inspection and maintenance program. Maintain records of inspections conducted, number of basins cleaned, approximate volume of material collected. Note areas that accumulate more sediment and consider more frequent inspection, cleaning or further investigation.	In Year 15 the DPW inspected and/or cleaned all of the 3,000 catch basins and manholes at least once, and those in problem areas more than once. The Town maintains a record of storm drain cleaning and jetting of lines and records the amount of material removed. Inspections and maintenance of the Town's stormwater infrastructure were conducted in accordance with the Town's "Standard Operating Procedures" program. In Year 9 the Town developed a new Outfall Inspection Report Log and began an in-depth inspection and evaluation of all drain outfalls. A copy of a portion of the log is attached, as is a copy of CB/MH Cleaning and Line Jetting Log and the Seawall Monitoring and Maintenance Plan.	
Revised				(See Attachments 14)	
6.4	Identify, as necessary, structural modifications to the storm sewer system in conjunction with future roadway improvements	DPW, Conservation Commission and Town Manager	Evaluate system improvement needs in conjunction with planned roadway improvements.	The DPW Director, Conservation Administrator, Town Manager, and Town Planner meet on a regular basis to discuss stormwater system improvements that could be incorporated into future roadway reconstruction. In Year 10 GCG Associates prepared a Stormwater Report for Bay Ave. East that identified stormwater management BMP's that will be included in the Bay Ave. East Revitalization project.	
Revised					

6.5	Provide spill response and storm-water/environmental awareness training to mechanics and equipment operators	DPW, Fire Department, Police Department	Develop training program. Identify staff for training. Conduct initial and annual refresher training. Maintain training, roster for each session, and include documentation in personnel files.	(See 6.2 above) In addition, the Coast Guard is available for any spills in Marine/Coastal areas.	
Revised	Combined with 6.2	Combined with 6.2	Combined with 6.2		
6.6	Post spill prevention/emergency action plans prominently in areas where hazardous materials are used and stored.	DPW, Fire Department, Police Department	Develop posters outlining spill prevention/emergency response plans. Post prominently in the garage.	Task Completed; Report as Needed. (Also see Attachments 6.2, 6.4, and 6.5)	
Revised					
6.7	Conduct annual inspection of municipal maintenance facilities.	DPW, Fire Department, Police Department	Develop Checklist. Conduce inspections. Record and correct deficiencies.	The DPW continues to do self inspections and remains in contact with other Town Departments concerning self inspections and good housekeeping practices.	
Revised					
6.8	Develop a program for curb-side pick-up and composting of yard wastes.	Town Manager, DPW, Hull Municipal Landfill	Yard waste collected from citizens and composted at the Hull Landfill.	The Town composts municipally generated yard waste including wood chips generated from brush and trees collected from residents. Chip Days, which allow residents the opportunity to drop off trees and brush were held on 5/20/17 and 10/14/17. (Attachment 19 and 20)	
Revised	<i>Develop a program for composting of yard wastes</i>	DPW Director, Town Manager, DPW, Hull Municipal Landfill	Yard waste composted at the Hull Landfill		

6.9	Investigate floor drain connections at maintenance facilities and post “no dumping” signs in the vicinity of these drains	DPW, Police Department, Fire Department	Number of floor drains connections investigated. Floor drains closed or connected to the sanitary sewers with adequate BMP’s. Signs posted.	All floor drains have been removed, sealed off, or connected to the Town’s sanitary sewer system.	
Revised					
6.10	Establish a program to discourage and investigate illegal dumping. Enforce penalties.	DPW, Police Department, Stormwater Committee, Neighborhood Groups	Educate citizens on the dangers of illegal dumping. Monitor chronic dumping areas. Enforce penalties and fees.	The Board of Health actively issues citations/orders to those who are caught illegally dumping. The Police Department is also available to enforce penalties against illegal dumpers. The town has a litter and dumpster by-law that provides legal enforcement abilities.	
Revised				(Attachment 21)	
6.11	Publicize and support Household Hazardous Waste (HHW) Collection events	DPW, Town Recycling Center, Sewer Commission, Wastewater Treatment Plant.	Continue to coordinate with the Town Recycling Center and the Sewer Commission to publicize and support HHW Collection events. Record the number of attendees, volunteers. Record the types and amounts of material collected.	The Town of Hull did not have a household hazardous waste collection for several years. However, we continued to coordinate with other groups to encourage recycling, and we maintain a Recycling Web site to provide residents with information on recycling and household hazardous waste disposal. In Year 14 the DPW Director secured funding to rejoin the South Shore Recycling Cooperative and sponsored a Household Hazardous Waste Collection in the Fall of 2017.	Update to reference rejoining the SSRC and update attachment: SSRC / Collection flyer, website
Revised				(Attachments 22)	

7. BMPs for Meeting Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA) <<if applicable>>

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities
Revised					

7a. Additions

7b. WLA Assessment

Part IV. Summary of Information Collected and Analyzed

Part V. Program Outputs & Accomplishments (OPTIONAL)

(Since beginning of permit coverage unless specified otherwise by a **, which indicates response is for period covering April 1, 2010 through March 31, 2011)

Programmatic

	(Preferred Units)	Response
Stormwater management position created/staffed	(y/n)	
Annual program budget/expenditures **	(\$)	
Total program expenditures since beginning of permit coverage	(\$)	
Funding mechanism(s) (General Fund, Enterprise, Utility, etc)		

Education, Involvement, and Training

Estimated number of property owners reached by education program(s)	(# or %)	
Stormwater management committee established	(y/n)	
Stream teams established or supported	(# or y/n)	
Shoreline clean-up participation or quantity of shoreline miles cleaned **	(y/n or mi.)	
Shoreline cleaned since beginning of permit coverage	(mi.)	
Household Hazardous Waste Collection Days		
▪ days sponsored **	(#)	
▪ community participation **	(# or %)	
▪ material collected **	(tons or gal)	
School curricula implemented	(y/n)	

Legal/Regulatory

	In Place Prior to Phase II	Reviewing Existing Authorities	Drafted	Draft in Review	Adopted
Regulatory Mechanism Status (indicate with "X")					
▪ Illicit Discharge Detection & Elimination					
▪ Erosion & Sediment Control					
▪ Post-Development Stormwater Management					
Accompanying Regulation Status (indicate with "X")					
▪ Illicit Discharge Detection & Elimination					
▪ Erosion & Sediment Control					
▪ Post-Development Stormwater Management					

Mapping and Illicit Discharges

	(Preferred Units)	Response
Outfall mapping complete	(%)	
Estimated or actual number of outfalls	(#)	
System-Wide mapping complete (complete storm sewer infrastructure)	(%)	
Mapping method(s)		
▪ Paper/Mylar	(%)	
▪ CADD	(%)	
▪ GIS	(%)	
Outfalls inspected/screened **	(# or %)	
Outfalls inspected/screened (Since beginning of permit coverage)	(# or %)	
Illicit discharges identified **	(#)	
Illicit discharges identified (Since beginning of permit coverage)	(#)	
Illicit connections removed **	(#); and (est. gpd)	
Illicit connections removed (Since beginning of permit coverage)	(#); and (est. gpd)	
% of population on sewer	(%)	
% of population on septic systems	(%)	

Construction

	(Preferred Units)	Response
Number of construction starts (>1-acre) **	(#)	
Estimated percentage of construction starts adequately regulated for erosion and sediment control **	(%)	
Site inspections completed **	(# or %)	
Tickets/Stop work orders issued **	(# or %)	
Fines collected **	(# and \$)	
Complaints/concerns received from public **	(#)	

Post-Development Stormwater Management

Estimated percentage of development/redevelopment projects adequately regulated for post-construction stormwater control	(%)	
Site inspections (for proper BMP installation & operation) completed **	(# or %)	
BMP maintenance required through covenants, escrow, deed restrictions, etc.	(y/n)	
Low-impact development (LID) practices permitted and encouraged	(y/n)	

Operations and Maintenance

Average frequency of catch basin cleaning (non-commercial/non-arterial streets) **	(times/yr)	
Average frequency of catch basin cleaning (commercial/arterial or other critical streets) **	(times/yr)	
Qty of structures cleaned **	(#)	
Qty. of storm drain cleaned **	(%, LF or mi.)	
Qty. of screenings/debris removed from storm sewer infrastructure **	(lbs. or tons)	
Disposal or use of screenings (landfill, POTW, compost, beneficial use, etc.) **	(location)	

Basin Cleaning Costs		
• Annual budget/expenditure (labor & equipment)**	(\$)	
• Hourly or per basin contract rate **	(\$/hr or \$ per basin)	
• Disposal cost**	(\$)	
Cleaning Equipment		
• Clam shell truck(s) owned/leased	(#)	
• Vacuum truck(s) owned/leased	(#)	
• Vacuum trucks specified in contracts	(y/n)	
• % Structures cleaned with clam shells **	(%)	
• % Structures cleaned with vector **	(%)	

	(Preferred Units)	Response
Average frequency of street sweeping (non-commercial/non-arterial streets) **	(times/yr)	
Average frequency of street sweeping (commercial/arterial or other critical streets) **	(times/yr)	
Qty. of sand/debris collected by sweeping **	(lbs. or tons)	
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.) **	(location)	
Annual Sweeping Costs		
• Annual budget/expenditure (labor & equipment)**	(\$)	
• Hourly or lane mile contract rate **	(\$/hr. or ln mi.)	
• Disposal cost**	(\$)	
Sweeping Equipment		
• Rotary brush street sweepers owned/leased	(#)	
• Vacuum street sweepers owned/leased	(#)	
• Vacuum street sweepers specified in contracts	(y/n)	
• % Roads swept with rotary brush sweepers **	%	
• % Roads swept with vacuum sweepers **	%	

Reduction (since beginning of permit coverage) in application on public land of: ("N/A" = never used; "100%" = elimination)		
▪ Fertilizers	(lbs. or %)	

▪ Herbicides	(lbs. or %)	
▪ Pesticides	(lbs. or %)	
Integrated Pest Management (IPM) Practices Implemented	(y/n)	

	(Preferred Units)	Response
Average Ratio of Anti-/De-Icing products used ** (also identify chemicals and ratios used in specific areas, e.g., water supply protection areas)	% NaCl % CaCl ₂ % MgCl ₂ % CMA % Kac % KCl % Sand	
Pre-wetting techniques utilized **	(y/n or %)	
Manual control spreaders used **	(y/n or %)	
Zero-velocity spreaders used **	(y/n or %)	
Estimated net reduction or increase in typical year salt/chemical application rate	(±lbs/ln mi. or %)	
Estimated net reduction or increase in typical year sand application rate **	(±lbs/ln mi. or %)	
% of salt/chemical pile(s) covered in storage shed(s)	(%)	
Storage shed(s) in design or under construction	(y/n or #)	
100% of salt/chemical pile(s) covered in storage shed(s) by May 2008	(y/n)	

Water Supply Protection

Storm water outfalls to public water supplies eliminated or relocated	# or y/n	
Installed or planned treatment BMPs for public drinking water supplies and their protection areas	# or y/n	
Treatment units induce infiltration within 500-feet of a wellhead protection area	# or y/n	

Town of Hull
Year 15 Annual NPDES Report
Attachments

1. Stormwater Management Flyer
2. List of Environmental Courses Offered in Hull Schools (3 pages)
3. Press Release – Street Sweeping Schedule
4. North & South River Watershed Association Stormwater Reduction Info
5. School System Appointment to Committee
6. Image of stamped warnings on catch basins
7. Sign in sheet from Annual Stormwater Meeting
8. Water Quality Testing Report (G&L Laboratories)
9. Beach Grass Planting Notice
10. Image of beach grass to be delivered via DPW
11. Email regarding residential beach cleanup
12. Press Release – Straits Pond Water Quality Improvements
13. Outfall Inspection Log
14. Catch Basin Cleaning / Jetting Log
15. Press Release – Hull Rejoins South Shore Recycling Cooperative
16. Building Dept Memo Re: Construction
17. DPW Work Order Tracking Log
18. Street Sweeper Log
19. Press Release: Spring Chip Day
20. Press Release: Fall Chip Day
21. Prohibited Materials By-Law
22. Public Announcement: Household Hazardous Waste Day

STORM WATER MANAGEMENT

What is Stormwater Runoff

Water that runs off the ground surface, usually because of the presence of buildings, pavement, and other impervious surfaces, is known as runoff. The volume and speed of runoff depends on a number of factors including the amount and intensity of the storm, the size of the drainage area, and imperviousness of the ground. Water that falls during a storm and flows over impervious surfaces and through pipes and channels is called stormwater runoff.

The Problem with Stormwater Runoff

When it rains, water runoff from streets, driveways, parking lots and even lawn areas can pick up pollutants along the way to storm drains and collection areas. Some of the more common pollutants found in stormwater runoff include lawn chemicals, pet waste, motor oil, and deicing chemicals.

These pollutants affect water quality, which adversely impacts aquatic plants and animals, and degrades our coastal resources.

Stormwater Management

The Town of Hull is committed to the proper management and control of stormwater runoff, The Department of Public Works is responsible for controlling and managing stormwater runoff from public roads and other Town property so as to ensure the Town is in compliance with the National Pollution Discharge Elimination System (NPDES) Program under the Clean Waters Act. A copy of the Town's Small Municipal Storm Sewer Annual Report under the NPDES Program is available at the Department of Public Works office and at the Hull Public Library.

What You Can Do to Help

- Properly dispose of hazardous waste and recycle used motor oil.
- Use fertilizers; pesticides and herbicides sparingly and follow the manufacturer's instructions.
- Keep your yard waste, trash, and dirt off the street and out of the gutters.
- Clean up after your pets.
- Wash your car at the carwash facility or park your car on the grass before you wash it.
- Spread the word about protecting our waterways from polluted runoff.
- Never dump motor oil, antifreeze or any other contaminants into a storm drain.

More Information

For more information you can contact the Department of Public Works by telephone at 781-925-0900, by e-mail at jdbw@town.hull.ma.us

or go to any of the following sites:

<http://www.mass.gov/dep/water/laws/swmpoly2.pdf>

<http://www.mass.gov/dep/water/laws/v1c1.doc>

<http://www.mass.gov/ne/nepds/mass.html>

<http://www.mass.gov/ne/topics/water/stormwater.html>



Hull High School
Paula Girouard McCann
Principal

180 Main Street, Hull, Massachusetts 02045
(781) 925-3000 Fax (781) 925-3071
pgmcann@town.hull.ma.us



April 6, 2018

To Whom It May Concern:

The following courses were offered at Hull High School during the 2017-2018 school year, and I anticipate they will also be offered during the 2018-2019 school year.

- Advanced Placement Environmental Science
- Environmental Science
- Ecology of Hull

I would like to thank the community of Hull for their continued support of these courses.

Sincerely yours,

Paula Girouard McCann
Principal

Hull High School is committed to academic excellence, personal responsibility, and the development of life-long learners within the global community.

Academic Excellence Citizenship Integrity Life-long Learning Responsibility Service

ENVIRONMENTAL EDUCATION HULL PUBLIC SCHOOLS 2018

Jacobs Elementary School

Currently the Jacobs School does not have environmental education specifically targeted at a particular grade level. Instead information is dispersed throughout the various grade levels.

Memorial Middle School

The Hull Memorial Middle School provides environmental education to students in all three grade levels as outlined in the MA State Frameworks. These frameworks include the following:

7.MS-ESS3-4. Construct an argument supported by evidence that human activities and technologies can mitigate the impact of increases in human population and per capita consumption of natural resources on the environment.

8.MS-ESS3-5. Examine and interpret data to describe the role that human activities have played in causing the rise in global temperatures over the past century.

8.MS-LS1-5. Construct an argument based on evidence for how environmental and genetic factors influence the growth of organisms.

8.MS-LS4-4. Use a model to describe the process of natural selection, in which genetic variations of some traits in a population increase some individuals' likelihood of surviving and reproducing in a changing environment. Provide evidence that natural selection occurs over many generations.

Additionally, the middle school sponsors The Green Team, an organization comprised of students from all three grade levels. This organization coordinates a school-wide single stream recycling program, a cafeteria composting program, and an annual plastics awareness week.

Hull High School

Hull High School currently offers its Green Team as an after-school activity. The Green Team members actively discuss environmental issues at the local and global level. They maintain a recycling and compost program through the school cafeteria.

Hull High School offers a number of science courses which tie directly to environmental education and even more specifically to the issue of storm water management. These courses and their descriptions as seen in the *Hull High School Program of Studies* are listed below.

469 ENVIRONMENTAL SCIENCE**3 credits**

Environmental science is the study of the interactions between natural and human systems. This is a one semester course designed for students to examine and understand the environment as a natural system in which humans are embedded. Topics include population growth, decline of ecosystem resources and services, global climate change, and loss of biodiversity. The three unifying themes of this course are sound science, sustainability, and stewardship.

Prerequisite: Successful completion of Introductory Physics and Biology.

470 ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE**9 credits**

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. The course focus is on the "real science" behind environmental problems and issues. Laboratory and field study are an important element of the course.

Prerequisite: A grade of "B" or above in Honors Biology and Honors Chemistry or an "A-" or above in Biology and Chemistry.

476 ECOLOGY OF HULL**3 credits**

This course is designed to provide students with an understanding of the environment and history of Hull and the surrounding bioregion. Science topics include a study of Hull's geology and the local ecosystem. Social studies topics include Hull's geography and history (from settlement to the present). The goals of this course are to: increase students' understanding of the environment in which they live and their role in protecting that environment; provide students with a historical context of the Town of Hull and the Boston Harbor Islands; allow students to examine the causes and effects of Hull's geography; allow students to analyze Hull's demographic information looking for trends throughout the years, and; develop in students a greater understanding of and appreciation for their community's rich history and environmental uniqueness. Ecology is the study of the interconnected and interdependent relationships between organisms and their environment. This is a one semester course designed for students to use the natural and cultural environment of Hull as a context for learning. Through experiential and field-based learning, this course encourages students to view their community as an ecosystem, and to promote a sustainable relationship between students and their bioregion. The three unifying themes of this course are the physical, biological, and cultural landscape.

Prerequisite: Successful completion of Introductory Physics and Biology.

Town of Hull Department of Public Works

9 Nantasket Avenue
Hull, MA 02045



Phone (781) 925-0900
Fax (781) 925-0401

FOR IMMEDIATE RELEASE

TOWN OF HULL STREET SWEEPING SCHEDULE

The Town of Hull Department of Public Works is pleased to announce that it has begun its annual street sweeping program. Because of the larger than normal volume of sand on the roads, the sweeper has been concentrating on the main roads and environmentally sensitive areas as well as areas impacted by the recent storm related high tide events.

Once those areas have been completed, the sweeper will be focusing on the neighborhood areas and secondary roads. This year, the sweeper will begin at West Corner and work toward the Pemberton / Hull Gut area of town.

The Department of Public Works reminds residents that street sweeping is done for safety reasons and is also an important component of the "Pollution Prevention and Good Housekeeping in Municipal Operations" portion of the Town's Stormwater Management Plan. For more information on the Stormwater Management in the Town of Hull or to see future announcements regarding sweeping operations, you may go to the Town's website at www.town.hull.ma.us and click on the Department of Public Works and then Stormwater Management.

Contact information:

Jim Dow
Hull DPW Director
(781) 925-0900
jdow@town.hull.ma.us

4/1/17

4

[Protecting Land](#)[Restoring Water Quality](#)[Stormwater Remediation](#)[RiverWatch Water Quality Monitoring](#)[Restoring Habitat](#)

[Home](#) - [Environment](#) - [Restoring Water Quality](#) - [Stormwater Remediation](#)

Stormwater Remediation

We have partnered with our watershed communities to reduce stormwater pollution through town-wide regulatory changes, demonstration projects that serve to improve awareness while also treating stormwater, and green infrastructure projects that install stormwater best management practices to manage known sources of stormwater pollution. Many of the following projects occurred outside our watershed boundaries through our partnership with the [Massachusetts Bays Program](#).

Stormwater Bylaws

NSRWA and MassBays have worked with the Metropolitan Area Planning Council (MAPC) to encourage multiple South Shore communities to pass stormwater bylaws, which enable the town to regulate the stormwater associated with new construction. Currently, both [Cohasset](#) and [Scituate](#) have stormwater bylaws. We also continue to support the concept of stormwater utilities, which would provide funding for stormwater infrastructure maintenance.

Green Infrastructure Handbook

MassBays and EPA developed a handbook titled "Using Green Infrastructure to Treat and Control Stormwater in Coastal Communities", targeted towards departments of public works and planning, conservation commissions and agents, and nonprofits concerned about water quality in coastal ecosystems. Workshops were held around the MassBays planning area to present the handbook. A [PDF file of the green infrastructure handbook](#) is available.



Hull Public Schools

Michael F. Devine
Superintendent of Schools

180 Harborview Road, Hull, Massachusetts 02045
(781) 925-4400 ext. 1118 Fax (781) 925-8042

March 1, 2018

Mr. James Dow
Hull Department of Public Works
9 Nantasket Avenue
Hull, MA 02045

Dear Mr. Dow,

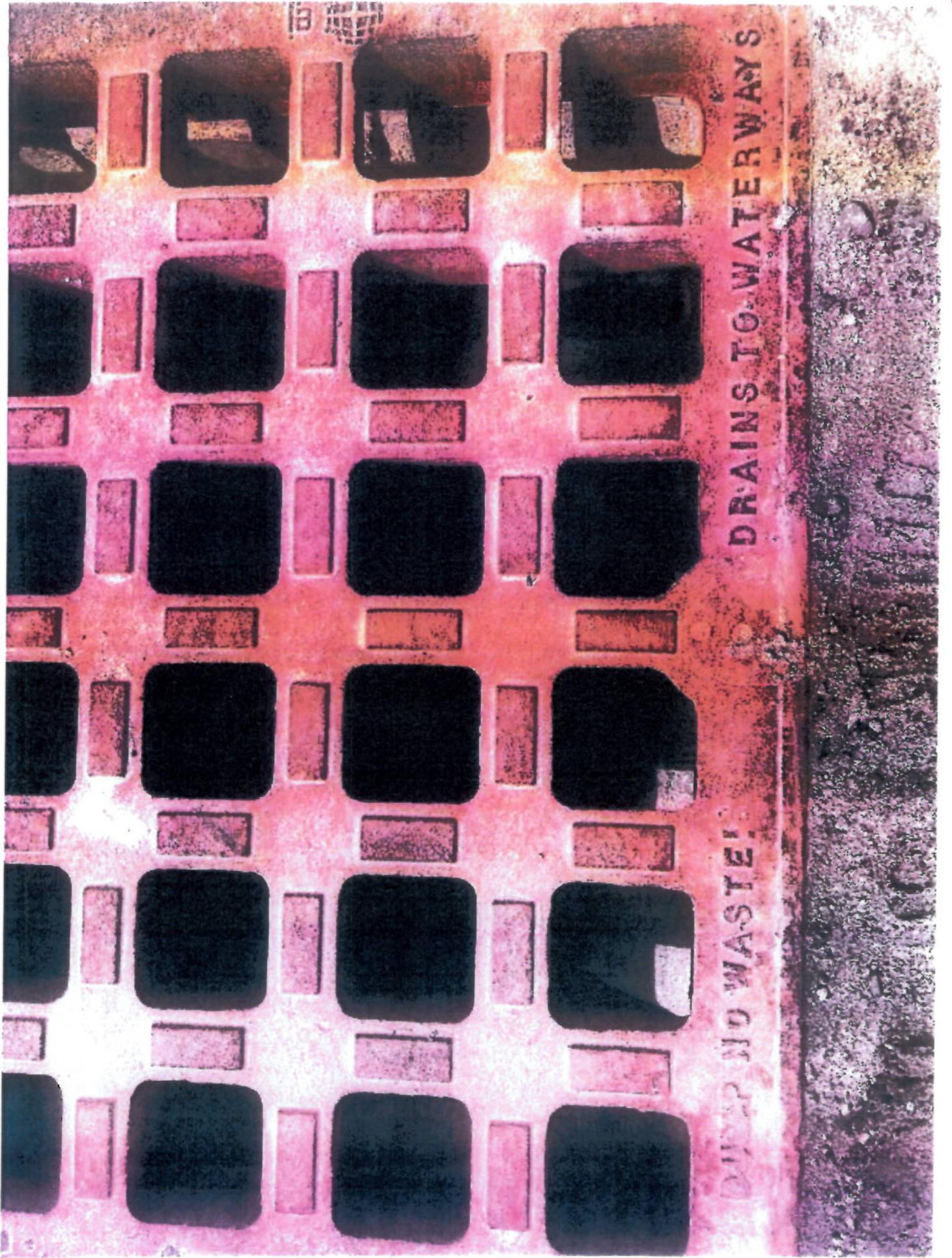
I am appointing Hull High School principal, Dr. Paula Girouard McCann, as the school department representative for the Stormwater Committee. Ms. Nicole Nosek, Hull High School assistant principal, will serve as an alternate on the committee.

Very truly yours,

A handwritten signature in blue ink, appearing to read "M. Devine".

Michael F. Devine
Superintendent

MFD/mko



DUMP NO WASTE!

DRAINS TO WATERWAYS



Town of Hull
Department of Public Works



Jim Dow, Director

9 Nantasket Avenue
Hull, MA 02045
(781) 925-0900

2018 STORMWATER COMMITTEE MEETING ATTENDEES

NAME	DEPARTMENT	TELEPHONE	EMAIL ADDRESS
Jim Dow	DPW	(781) 925-0900	jdow@town.hull.ma.us
John Dunn	HPD	(781) 773-3851	jdunn@hullpolice.org
Neil Reilly	HPD	781-706-1832	nreilly@hullpolice.org
Sarah Clarron	Conservation Planning	781 925 8102 " " 3595	sclarra@town.hull.ma.us
Michael Devine	Schools	781-925-4400	mdevine@town.hull.ma.us
Ellen Barone	Bd. of Health	781-925-2224	ebarone@town.hull.ma.us
John Struzziem	Sewer	781 925-1207	jstruzziem@town.hull.ma.us
Joe Stigliani	DPW	617-835-7368	jstigliani@comcast.net
Phil Lomaniz	Town Manager	781-925-2000	plomaniz@Town.Hull.ma.us



◆ Water Analysis ◆ Food/Seafood Analysis ◆ Metals/Chemical Analysis ◆ Microbiological Testing

246 Arlington Street, Quincy, MA 02170

Tel: (617) 328-3663

Fax: (617) 472-0706

Lab. ID #
82817

To: Hull Board of Health
Attn: Ms. Joyce Sullivan
253 Atlantic Ave.
Hull, MA 02045

Received Date/Time:	8/29/2017, 12:05 PM
Analyzed Date/Time:	8/29/2017, 12:35 PM
Reported Date:	8/30/17
Collected By:	Client
Collected Date:	8/29/17

ANALYTICAL RESULTS

Sample#	Sampling Location	Sampling Time	Enterococci (MPN/100mL)
1	A St. Ocean	7:51 AM	<10
2	A. St. Bay	7:56 AM	203*
3	Edgewater	8:15 AM	<10
4	Kenberma	8:24 AM	<10
5	Darcy's	8:06 AM	<10
6	Newport Rd.	8:36 AM	<10
7	Trip Blank B	NA	<1
Maximum Contaminant Level			104
Method Reference			Enterolert Method

Laboratory QC Results

QC	Unit	Enterococci
Duplicate 1	100mL	<10
Duplicate 2	100mL	<10
Dilution Blank	100mL	<1
Negative Control	100mL	Negative
Positive Control	100mL	Positive

*: Exceeds MCL

Approved by:

8/30/17

Hull Beachgrass Planting Day Saturday, March 24th, 2018

Dear Beach Avenue resident,

The Hull Beach Management Committee is sponsoring our annual **Beachgrass Planting Day on Saturday, March 24 from 9 a.m. to 12 p.m.** On that day, volunteers will plant beachgrass along the Nantasket Beach dune from Phipps Street northward. We are once again excited about this event and hope that you will join us in planting beachgrass that day!



The Hull Beach Management Committee has made this an annual effort to maintain the dune so it can continue to absorb the brunt of winter storms. The dune is critical to the protection of the town from flooding and storm damage due to regular northeast storms.

We hope that you will join us in this town-wide effort to revegetate the dune. **If, for some reason, you would prefer that we not plant beachgrass in front of your home, please let us know before March 15, 2018.** You may contact us via email - Paul Epstein at pepstein@paulepsteinlaw.com, or you can call the Conservation Dept. at 781-925-8102. Feel free to contact us if you have questions or concerns.

If you would like to join us this year, please email your name, address, and phone number to Paul Epstein, or call the Conservation Dept. no later than March 19, 2018. **Please let us know if you intend to participate (even if you do so each year)** as it is important to our planning efforts to know how many volunteers will be participating so that everyone will have the beachgrass they need. We cannot guarantee the availability of beachgrass if we don't have advance notice of your participation.

Volunteers should report to the Beachgrass Planting Day Registration Area located at the intersection of Beach Avenue and A Street between 9 and 10:30 on March 24th. Thank you for your support. We hope to see you on March 24th!

Sincerely,

Rhoda B. Kanet
Chair, Beach Management Committee

PS If we need to reschedule due to weather, the alternate date is Sunday, March 25. All of the grass must be planted on this weekend regardless of weather conditions. If we change the date of the planting we will send out an email and leave an announcement on the Conservation office phone: 781-925-8102.

Dow, James

From: Helen F.Gould [hfgould@comcast.net]
Sent: Tuesday, March 27, 2018 5:31 PM
To: Dow, James
Cc: Lemnios, Philip
Subject: Re clean up

Hello Mr Dow, today my husband and I cleaned part of our street, N as well as the path to the beach.

The beach path was filled with debris bottles shingles , etc and this we threw in our trash. I also raked out a lot of old seaweed and branches that I put in wheelbarrow and have placed at end of the beach path at the corner of N Street and the railroad bed.

I left a message at your office and am asking if you can send a few guys to take the dry material. It is not very big but too much for me to put out.

John Meschino has done the same thing at corner of S and the railroad bed and is asking for pick up of his debris also.

Later in April I would like to organize a clean up of the dunes and beach in my area.

How close to the dune are you able to get? If we pull stuff out of the dunes can we bring to street and the railroad bed or do you want piles along the beach. I am concerned that another storm might push what we clean up back into the dunes. You can let me know which is best and plan to wait till it gets a little nicer.

Thanks for taking care of this.

Helen Struzziery Gould

Sent from my iPad

This email has been scanned for spam and viruses by Proofpoint Essentials. Visit the following link to report this email as spam:

https://gdsprotect.cloud-protect.net/index01.php?mod_id=4&mod_option=gitem&mail_id=22186275-dvzCCwqQX5qF&r_address=ow%40town.hull.ma.us&report=



Town of Hull Department of Public Works

FOR IMMEDIATE RELEASE

January 25, 2012

Stormwater Management and Water Quality Improvements, Straits Pond

The Town of Hull recently began work on the Straits Pond Stormwater Improvement Project. Specifically, this project involves the design and construction of stormwater Best Management Practice (BMP) controls to address and alleviate problems associated with nonpoint source pollution within the Straits Pond watershed. Work to date includes the installation of new drain lines and structures in Richards Road and Pond Street that discharge into Straits Pond. When weather permits, a bioretention rain garden and stormwater recharge area will be installed.

This project is being jointly funded by the Town of Hull and the Commonwealth of Massachusetts under the federally funded 319 Nonpoint Source Pollution Grant Program. A total of \$51,600.00 of grant funds and \$34,400.00 of local funds and services will be used to pay the Total Project cost estimated at \$86,000.00.

The installation of stormwater BMP's is an important part of the Town's efforts to improve water quality through proper stormwater management, and supports the Town's efforts to comply with the requirements of the National Pollution Discharge Elimination System (NPDES) Program under the Clean Waters Act. The Town's Small Municipal Storm Sewer Annual Report under the NPDES program is available at the Department of Public Works office and the Hull Public Library. For more information on Stormwater Management in the Town of Hull, or for information on what residents can do to prevent pollution and protect our wetland resources, visit the Town of Hull's website at www.town.hull.ma.us and click on Stormwater under the Department of Public Works.

Contact Information:

Joseph Stigliani
DPW Director
Tel. 781-925-0900
jstigliani@town.hull.ma.us

101-109
All outfalls
on 3rd side
110 Straits Pond 2018

TOWN OF HULL
NPDES STORMWATER
OUTFALL INSPECTION REPORT

No.	Location	Size	Type	Condition	Flow	Date
101	OPP # 11 James Ave	8"	PVC	Good w/duckbill	No	3/12/18
102	opposite # 1 Main St	24"	ductile	* Flap missing *	No	3/12/18
103	OPP # 25 James Ave	12"	plastic	Good w/duckbill	No	3/12/18
104	OPP # 3 Main St	12"	ductile	No flap Cond OK	No	3/12/18
105	sewer opp Duck Ln/com	9"- 10"	ductile	No flap Cond OK	No	3/12/18
106	12th Ave/spring Main St int	8"	Steel	unk	No	3/12/18
107	opp plant En- trench spring	36"	steel	w/flap OK	No	3/12/18
108	North St St int opp	12"		OK w/no flap	No	3/12/18
109	"	"	"	OK No flap	No	3/12/18
110/2	opp unmed public way/ 150/52 Atlantic	12"	unk	submerged	yes	3/12/18

* locate/rainfall flag !

J. Gigliozzi

HULL DPW CATCH BASIN TRUCK LOG

Date	Operator	Structure		For Pipes Only		Action	Notes/ CY's CB Cleanings to Landfill
		Type	Location/Address	From	To		
4/13	gb		PARK Ave The whole road			Cleaned CB ✓ SJ Line Repair CB Pump CB	2 YDS
4/13	gb		corner Roxview ↓ Rockaway			Cleaned CB ✓ SJ Line Repair CB Pump CB	1 4
4/13	gb		Standish + Beacon on corner			Cleaned CB ✓ SJ Line Repair CB Pump CB	1 4
4/13	gb		# 4 WINTHROP # 14 AVE			Cleaned CB ✓ SJ Line Repair CB Pump CB	1 2
4/24	gary		XYZ Streets ALL basins			Cleaned CB ✓ SJ Line Repair CB Pump CB	3 YDS
4/24	gary		Cemetery 4 basins on Hill			Cleaned CB ✓ SJ Line Repair CB Pump CB	2 YDS



Date: May 2, 2017

Contact: Claire Galkowski, Executive Director, 781-329-8318, ssrcoopinfo@gmail.com

James Dow, Director, Hull DPW 781-925-0900, jdow@town.hull.ma.us

Joyce Sullivan, Director, Hull Health Department, 781-925-2444, jsullivan@town.hull.ma.us

Town of Hull re-joins South Shore Recycling Cooperative

Last week the SSRC Board voted unanimously to add Hull to the fourteen municipal members of the South Shore Recycling Cooperative. The Hull Board of Selectmen signed the Inter-Municipal Agreement, which is in force through June 2018, in early April.

Among other benefits, Membership will enable Hull residents to attend any of the SSRC Member Towns' household hazardous waste collections. There are three more collections scheduled this spring, in Kingston on May 13, Hingham on June 10, and Scituate on June 17. Twelve collections in total are scheduled in the spring and fall of each year. Flyers with details are available at the BOH, and online at ssrcoop.info. Membership also enables the Town to use the SSRC's HHW contract and services to host its own HHW collections, most likely in the fall.

Hull was an SSRC Member from 2001-2010, thanks largely to the efforts of then-residents **Nancy Kramer** and **Jo Ann Rose**. The Hull Sewer Dept. ran annual household hazardous waste collections with Cohasset during its SSRC membership. The Town hasn't held one since, a fact about which Health Director **Joyce Sullivan** has been increasingly concerned. Hull residents occasionally attend SSRC collections at their own expense, but it is anyone's guess where most of Hull's hazardous waste goes. If it goes in the trash or down the drain, this can pose serious public and environmental health and safety hazards. If it's accumulating in residents' basements, this puts firefighters at greater risk in the event of a fire or spill.

The Town withdrew from the Cooperative in 2010 after an override to fund the operation of Hull's Recycling Center failed to pass. Hull is one of a few Mass. municipalities that does not provide or contract for municipal trash and recycling service to its residents, so multiple haulers service its residents privately.

MassDEP's area Municipal Assistance Coordinator **Todd Koep** flagged the value of the services the SSRC provides to DPW Director **Jim Dow**, who has been with Hull for just over a year. Dow and Sullivan are both interested in making it more convenient and less costly for Hull residents to properly manage their waste. While offering recycling service is a requirement for Hull's private trash haulers, the additional charge results in many residents opting out. Either a municipal recycling center, a town-wide contract, or a requirement that private haulers bundle recycling with trash service at all one price would reduce the cost to residents to properly recycle, and the amount of valuable materials being disposed.

The Town will be represented by DPW Director Jim Dow and Health Director Joyce Sullivan on the SSRC Board.



Town of Hull

BUILDING DEPARTMENT

TEL: (781) 925-1330

FAX: (781) 925-2228

253 ATLANTIC AVE

HULL, MASSACHUSETTS 02045

MEMORANDUM

To: Jim

From: Janice

Date: April 11, 2018

Subject: Permits April 1 2017 to March 31, 2018

April 17	May 17	June 17	July 17
33 Residential 5 Commercial	50 Residential 10 Commercial	31 Residential 1 Commercial	34 Residential 5 Commercial
August 17	September 17	October 17	November 17
16 Residential 7 Commercial	32 Residential 6 Commercial	39 Residential 2 Commercial	35 Residential 6 Commercial
December 17	January 18	February 18	March 18
15 Residential 4 Commercial	16 Residential 3 Commercial	29 Residential 2 Commercial	16 Residential 4 Commercial

Note: No new sites of 1 acre or more

2017 WORK ORDER TRACKING LOG

DATE RECEIVED	LOCATION	ISSUE / REQUEST	DATE RESOLVED	EMPLOYEE
4/13/17	60 Packard Ave	pot holes	04/13/17	Marc
4/13/17	Dump	pump tanks	04/17/17	Gary
4/13/17	Nan Ave/Revere	loose street sign	04/28/17	Gary
4/13/17	Kingsley Rd/Draper Ave	street sign loose	04/28/17	Gary
4/18/17	Alphabet Streets	beach clean up	04/18/17	John T, Marc, Boo
4/18/17	276 Kingsley Rd	debris from MVA	04/18/17	Chris
4/18/17	54 O St	debris from beach clean up	04/19/17	Chris
4/18/17	22 Sunset Ave	metal post on guardrail falling over	04/18/17	Chris
4/19/17	36 Clifton Ave	pot holes	04/19/17	Marc
4/19/17	17 O Street	pot holes	04/19/17	Marc
4/19/17	1202 Nan Ave	drain repair	04/19/17	John T.
4/19/17	Highland Ave/Western Ave	p/u sand	04/19/17	Jack
4/19/17	Garden club	move mulch	04/19/17	Boo
4/19/17	Newport Rd	remove panels for beach access	04/20/17	John T , Chris, Boo
4/20/17	Nantasket Road	put stakes by outfalls	04/25/17	Chris
4/24/17	155 Spring St	Berm	04/27/17	John T.
4/24/17	3 Christine Rd	Berm	04/27/17	John T.
4/25/17	1 Pt Allerton	berm	04/27/17	John T.
4/25/17	Town Hall	Voting	05/01/17	Chris/Erik
4/25/17	Edgewater Rd/Nan Rd	pot holes	04/26/17	Marc/Goodie
4/25/17	34A Manomet Ave	pot holes	04/26/17	Marc/Goodie

Hull DPW 2017 Street Sweeper Log

DATE	OPERATOR(S)	STREET NAME	FROM	TO	Cubic Yards of Material Unloaded	
					Road Sand	Beach Sand
April 18, 2017	Jack K	Hull High School	parking lots	all	3 yards	0
April 18, 2017	Jack K	Jacobs School	parking lots	all	3-1/2 yards	0
April 18, 2017	Jack K	Memorial School	parking lots	all	4-3/4 yards	0
April 18, 2017	Jack K	Hull Village	Highland Ave	James Ave	18-1/4 yards	0
April 24, 2017	Jack K	West Corner	Atlantic Ave	Rockaway	37 yards	0
May 3, 2017	Jack K	Sunset Point	Nantasket Rd	Kenberma St	33 yards	0
May 5, 2017	Jack K	various spots	Town Hall	Atlantic Ave	19 yards	0
May 6, 2017	Jack K	Nantasket Ave	Kenberma St	A Street	29 yards	0
May 23, 2017	Jack K	Beach Ave	Malta Ave	Kenberma St	0	3 yards
May 23, 2017	Jack K	Samoset/Manomet	Revere St	Adams St	0	18 yards

**Town of Hull
Department of Public Works**



Jim Dow, Director

9 Nantasket Avenue
Hull, MA 02045
(781) 925-0900

TOWN OF HULL CHIP DAY

The Department of Public Works is pleased to announce that the Spring Chip Day will be held from 8:00AM until NOON on Saturday May 20, 2017 at the Public Works Barn.

Residents may bring in tree limbs and brush (8-inch diameter or less only).

LEAVES, GRASS, VINES, STUMPS OR ANYTHING WITH A STUMP OR PORTION OF A STUMP ATTACHED TO IT WILL NOT BE ACCEPTED.

Vehicles larger than a standard pick-up truck will not be allowed. Landscapers and contractors will be limited to one (1) pick-up truck only.

Participants should remain in their vehicles and let the DPW staff remove the limbs and brush from the vehicle.

There is NO CHARGE for this disposal but is open to Hull residents only.

WHERE: 9 Nantasket Avenue, Hull

**WHEN: SATURDAY MAY 20, 2017
8:00AM until NOON**

Town of Hull
Department of Public Works

9 Nantasket Avenue
Hull, MA 02045



Office (781) 925-0900
Fax (781) 925-0401

TOWN OF HULL CHIP DAY

The Department of Public Works is pleased to announce that the Fall Chip Day will be held from 8:00AM until NOON on Saturday October 14, 2017 at the Public Works Barn.

Residents may bring in tree limbs and brush (8-inch diameter or less only).

LEAVES, GRASS, VINES, STUMPS OR ANYTHING WITH A STUMP OR PORTION OF A STUMP ATTACHED TO IT WILL NOT BE ACCEPTED.

Vehicles larger than a standard pick-up truck will not be allowed. Landscapers and contractors will be limited to one (1) pick-up truck only.

Participants should remain in their vehicles and let the DPW staff remove the limbs and brush from the vehicle.

There is NO CHARGE for this disposal but is open to Hull residents only.

WHERE: 9 Nantasket Avenue, Hull

**WHEN: SATURDAY OCTOBER 14, 2017
8:00AM until NOON**

TOWN OF HULL
Notice of "Prohibited Materials" by Law Adoption

On April 11, 1994, Town Meeting passes a "Prohibited Materials" By Law which restricts exterior storage of abandoned, discarded and unused material.

Since we have observed materials stored in a fashion contrary to this By Law at the above referenced address, you are hereby notified that the enforcement pursuant to Chapter 141 commenced on September 6, 1994.

Therefore, you are ordered to take the necessary steps now to comply with aforementioned requirements.

Failure to comply will result in a violation notice(s), and prescribed fines. You should carefully review the By Law which is as follows:

1. No person, tenant or entity, corporate or otherwise, as owner(s) or one(s) in control of premises, shall keep in the open in any area of the Town of Hull, any prohibited material, as the term is hereinafter defined, for more than (30) consecutive calendar days without being licensed to do so under this chapter.
 - a. **"Prohibited material" shall be defined as, including but not limited to, abandoned, discarded, or unused furniture, stoves, toilets, cabinets, scrap metal, lumber, concrete, asphalt, tin cans, rope, rugs, batteries, paper, trash, rubber debris, waste, and other old scrap ferrous or non-ferrous material, which is not being used for its intended purpose.**

2. A license to keep any prohibited material shall be requested by filing an application in writing for such a license with the Board of Selectmen no later than fifteen (15) days after a citation has been issued. The Selectmen shall hold a public hearing upon such a request within thirty (30) days of receipt of said application, notice of which shall be published in a newspaper issued in Hull or a paper of general circulation in Hull, at least three (3) days prior to the hearing. The applicant shall pay the cost of the publishing.

3. The Selectmen may grant a license for up to one (1) year upon such condition(s) as the Selectmen deem proper to keep such prohibited material in the open after a hearing has been held and the Selectmen determine that the keeping of the same will not depreciate property value in the area, will not create a hazard to the public safety, or will not become a public nuisance. Renewals of said license shall be granted only after the procedure set forth is followed.

4. The application shall at his own expense, give notice of said hearing by mailing a notice of same prepared by the Board of Selectmen to all parties of interest, meaning abutters, owners of land directly opposite on any public or private street or way and abutters to the abutters within three hundred (300) feet of the property line, all as they may appear on the most recent applicable tax list as certified by the Board of Assessors. The Applicant shall submit an affidavit as to said notice. Renewals of said licenses shall be granted only after the procedure set forth is followed.
5. Notwithstanding the aforesaid sections, no person shall be in violation of this chapter if prior to a determination of guilt by any judicial body, that person or entity acquires a determination by the Hull Planning Board, through the procedures hereinafter prescribed, that those articles or pieces of property which the Town of Hull claim to be prohibited materials are not prohibited, as defined in the chapter.
6. Any person or entity requesting a determination that articles or property are not in violation of this chapter must do so by written application to the Planning Board of the Town of Hull. Said Planning Board shall hold a public hearing upon such a request, the hearing must be held within thirty (30) days after receiving said application. Notice of which shall be published at least three (3) days before the date of the hearing. The applicant shall at his own expense, give notice of said hearing by mailing a notice of same prepared by Planning Board to all parties of interest, meaning abutters, owners of land directly opposite on any public or private street or way and abutters to the abutters within three hundred (300) feet of the property line, all as they may appear on the most recent applicable tax list as certified by the Board of Assessors. The application shall submit an affidavit as to said notice.
7. Notwithstanding the aforesaid sections, no prohibited material shall be deemed to be "in the open" as the phrase is used in Section 1, if it is totally screened from view of any public road or way, or any way which the public has a right of access.
8. Conditions existing on the date of acceptance of this chapter which meet the definition of prohibited material must be brought into compliance within thirty (30) days after said acceptance. Of this chapter, which meets the definition of prohibited material, must be brought into compliance within thirty (30) days after said acceptance.
9. The Building Commissioner and Board of Health shall be charged with the interpretation and enforcement of this chapter, and may also be enforced by the Hull Police Department. Enforcement of this chapter may be by criminal complaint, indictment, non-criminal disposition or appropriate civil enforcement action. Selection of one method shall not preclude the selection of any method or remedy.

- 10. Any person or entity who is found in violation of this chapter shall be liable for a fine of twenty-five (25.00) dollars a day for the first five days and fifty (\$50.00) dollars a day every day thereafter. The days shall be counted commencing fifteen (15) days after the notice of violation is given.
- 11. Any clause, section or part of this chapter determined to be invalid by any judiciary for any reason, shall be severable from any other clause, section, or part, without affecting the validity of that which remains.
- 12. Construction sites complying with the requirements of 780 CMR and MGL chapter 40, Section 54, are exempt from the aforementioned, provided that all related construction debris is Maintained in a controlled fashion as determined by the Building Official

Should you have any questions concerning this new By Law, please contact the Board of Health Office or the Building Department.

- 9/23 Hull** DCR Lot, G. Washington Blvd. at Rockland Circle
- 9/30 Hanover/Norwell/Rockland ** Hanover Transfer Station, 118 Rockland St. (Rt. 139)
- 10/21 Plymouth DPW, 169 Camelot Dr.
- 11/4 Weymouth DPW, 120 Winter St.
- 11/18 Middleboro Town Hall, 10 Nickerson Ave. tentative

** usable latex paint accepted at these collections only. See over for details and options

right may attend other events at their town's expense **WITH AUTHORIZATION** from their town's Hazardous Waste coordinator. Subsidized quantities may be limited by town. *Proof of residency is required at event.*

- * Visitors without an authorization form may pay by check: \$26 per 10 gallons (liquid container size) or 20 lbs. (solid material), or \$48 per 25 gal/50 lbs.
- * Commercial generators contact Amanda at Stericycle, 617.852.3086 to prearrange collection and payment.

- HANSON
- HINGHAM
- HULL
- KINGSTON
- MIDDLEBORO
- NORWELL
- PLYMOUTH
- ROCKLAND*
- SCITUATE
- WEYMOUTH*
- WHITMAN



SOUTH SHORE RECYCLING COOPERATIVE

Keep us OUT of the Trash!
We're too BAD for the Trash

Accepted at all events:

From the workbench:

- oil based paint and stains *
- hobby/artist supplies
- photography chemicals
- fiberglass resins
- adhesives
- solvents

From the garage:

- flammable liquids and aerosols
- gasoline
- motor oil mixtures

Accepted at some events:

- motor oil*
- antifreeze*
- fluorescent tubes*
- compact fluorescents *
- rechargeable batteries *
- latex paint **

Asbestos: **CALL AHEAD 781.329.8318**

Materials not accepted include:

- industrial waste
- radioactive materials (*smoke detectors may be disposed in trash*)
- pathological and medical waste
- pressurized gas cylinders *
- lead acid (automotive) batteries *
- explosives (*contact your fire department*)

*** These materials are collected regularly**