Why should you YardScape?

- \checkmark Saves money.
- \checkmark Saves time.
- ✓ Protects you, your family and the environment.



A healthy, natural lawn is more resistant to weeds, bugs, disease and drought! Call the Conservation District for YardScaping info: 892-4700

Check out: www.cumberlandswcd.org Click on the ducky!



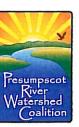
The Maine YardScaping Partnership was formed out of the rising concern on caused by yard

over the pollution caused by yard care chemicals washing away into water bodies, as well as the risks of pesticide exposure to people, pets and wildlife.

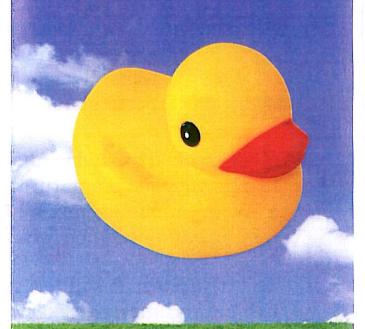








Do you want a lush green lawn safe for kids and pets?



Let the ducky point you in the right direction!

What is YardScaping?

YardScaping is a statewide effort to inspire Maine people to maintain their yards for the safety of kids, pets and the environment by reducing the use of fertilizers, pesticides and herbicides.

YardScaping Tips!

- ✓ Mow High: Three inches is the rule! Longer grass strengthens roots, retains more moisture and makes it difficult for weeds to germinate.
- ✓ Aerate: An aerator loosens up the soil and gets the air,



water and nutrients more readily to the roots. Rent one with a neighbor or hire a professional.

✓ Overseed: Throw down more grass seed to give your lawn a natural boost. Ask for a low maintenance mix that is drought tolerant and needs no fertilizer.



✓ Test the Soil: A soil test analyzes soil fertility and pH and recommends exactly what your soil needs for growing healthy grass. Test kits available from the Cumberland County Soil and Water Conservation District. Call 892-4700.

More YardScaping Tips Online! www.cumberlandswcd.org Click on the ducky!



What do YOU do?

✓ Start YardScaping today!

✔ Visit our website for upcoming events and giveaways.

✓ Call the Conservation District for lawn care advice: 892-4700.

Proudly display your free ducky lawn flag so friends and family know you have a safe, healthy lawn. Sign our lawn care pledge online or call 892-4700.

APPENDIX I

Sample Tracking Spreadsheet for Disturbed Areas Greater Than One Acre

Town of Cumberland Stormwater Program Management Plan Permit Year 4 Annual Report July 1, 2011 to June 30, 2012

> Ransom Consulting, Inc. Project 083025



SITE VISIT REPORT						
Project Site:	Raven Farm Sub Station					
Oak Project:	104.06049					
Date:	August 26, 2011					
Weather:	Clear with ground fog, 70's AM					
Site Visit By:	Steve Johnson at 06:00					

Equipment/staff on site: Several excavators and loaders, water truck, site dump trucks, dozers, loader with broom; air track drill rigs; crushing plant.

Drilling and blasting activities are ongoing in the central part of the site. Contractor preparing the site for potential arrival of Hurricane Irene. At the direction of MDEP Third Party site inspector, Contractor directed to plug inlet of southerly treatment pond control structure. Voiced concern of hydraulic overload of the system due to potential of heavy rain and runoff from hurricane that could potentially risk downstream containment berm, access road and embankment at downstream slope. However, Contractor has an adequate plan to address runoff that will mitigate potential overflow of system.

Reviewed condition of project entrance on Greely Road for track out issues. No problems with track out. Also visited fill site on Doughty Road and noted no problems with track out. Fill activities are ongoing at the Doughty Road site. Contractor appears to graded Doughty Road site to promote drainage. Stone entrances are in good condition and functional.

Site erosion and sedimentation control measures in place and functioning as required. No apparent issues with erosion after rain event on August 25, 2011

In general, no other concerns noted and project appears to be progressing in compliance with approved plans.

400 Commercial Street • Suite 404 • Portland, ME 04101 T: 207.772.2004 • F: 207.772.3248





August 26, 2011: View of Doughty Road fill site entrance. No visible track out. Fill site looks good.

400 Commercial Street • Suite 404 • Portland, ME 04101 T: 207.772.2004 • F: 207.772.3248





August 26, 2011: View of drainage ditch on westerly side of main entrance road looking southerly.

400 Commercial Street • Suite 404 • Portland, ME 04101 T: 207.772.2004 • F: 207.772.3248





August 26, 2011: View of easterly embankment at pond outflow. Note well vegetated slope.

400 Commercial Street • Suite 404 • Portland, ME 04101 T: 207.772.2004 • F: 207.772.3248





August 26, 2011: View of southerly detention pond outlet control structure. Contractor prepping area for potential arrival of Hurricane Irene.

400 Commercial Street • Suite 404 • Portland, ME 04101 T: 207.772.2004 • F: 207.772.3248





August 26, 2011: View of northerly treatment pond. System well vegetated and functional.

400 Commercial Street • Suite 404 • Portland, ME 04101 T: 207.772.2004 • F: 207.772.3248





August 26, 2011: View of westerly side of site. Erosion control measures in place and functional.

400 Commercial Street • Suite 404 • Portland, ME 04101 T: 207.772.2004 • F: 207.772.3248





August 26, 2011: View of site entrance on Greely Road.

400 Commercial Street • Suite 404 • Portland, ME 04101 T: 207.772.2004 • F: 207.772.3248



TOWN OF CUMBERLAND CONSTRUCTION SITE EROSION CONTROL INSPECTION FORM

General Information:			-
Site Name: ZAVEN FARM SBSTATION Date: 8-26-11	Inspected by:	5000	2
Address/Landmark:			
Reason for Inspection: Scheduled ESC Inspection	Random	🗌 Сол	uplaint
	W BROTH	ER-S	
ID #: Last Rain Date: 8-25-11	Amount <\ *	(inches)	
1. Erosion Control Practices During Construction	/		
a) Are all disturbed areas dormant > 21 Days Stabilized?	⊠Yes	🗌 No	□ N/A
	Yes	No No	<u>N/A</u>
c) Are stabilized areas in good condition and not eroding?	Q Yes	No	N/A
	K Yes	<u>No</u>	<u>N/A</u>
	-Yes	<u>No</u>	<u>N/A</u>
	Z Yes	<u>No</u>	<u>N/A</u>
	X Yes	No No	□ N/A
Comments/Violations:			
2. Sedimentary Control Practices During Construction		-	
a) Construction entrance missing or inadequate?	Yes		N/A
b) Sedimentation basins/traps installed correctly and functioning?	X Yes	No	N/A
c) Perimeter controls installed prior to disturbing soil?	Yes	<u>No</u>	N/A
d) Check dams installed correctly?	Yes	<u>No</u>	<u>N/A</u>
Comments/Violations:	•		
3. Maintenance		1 7.	
a) Erosion and Sedimentation Controls need repair, replacement, enhancement?	Yes		
b) Sedimentation basin maintenance required?	Yes		N/A
c) Sedimentation in ditches require removal?	Yes	No No	$\square N/A$
d) Sediment trackout on paved surfaces at exits?	Yes	No No	□ N/A
Comments/Violations: EPSICAL CONTROL NEARINES EINCITE		REWIGER)`
CONTRACTOR PREPARING FOR POTENTIAL HUBLIAN			
4. Inspections	Oneiter	Not Onsite	Maria
a) Stormwater pollution prevention plan (SWPP)	Onsite		XN/A N/A
b) Inspection/Maintenance forms/logs complete? Comments/Violations:	Yes	No	X N/A
Violation, Corrective Actions, Recommendations			
Site compliant with permit and town ordinances?	Yes	No	
Sediment discharged from site?	Yes -	AN0	
Corrective action required?	Yes ~	Z No	
Notice of violation issued?	Yes	A-No	
Stop work order issued?	Yes ~	471.No	
		<i>y</i> =	
Comments/Corrective Action Required:			
NO PIZOZENS NOTED			
Revised July 1, 2009			

O:\2008\083025\NPDES Stormwater Compliance\Year 1 2008-2009\Annual Report\Appendix E\Erosion Control Inspection Form.doc



Paul LePage GOVENOR

ACTING COMMISSIONER

Third Party Compliance Inspection Form

This report is prepared by a Third Party Inspector to meet the requirements of the Third Party Inspector Condition attached as Special Condition #23 to the Department Order that was issued for the project identified below. The information in this report/form is not intended to serve as a determination of whether the project is in compliance with the Department permit or other applicable Department laws and rules. Only Department staff may make that determination.

PROJECT NAME: Maine Power Reliability Program	DEP #: L-24620-26-A-N/L-24620-TG-B-N/L-24620-VP- C-N/L-24620-IW-D-N/L-24620-L6-E-N								
TO: Dawn Hallowell (MDEP) CC: Mark Goodwin (B&I	М),								
FROM: Ross A Cudlitz, PE	EA&D DEP 3PI								
DATE(s) OF INSPECTION: 08-16-11	DATE OF REPORT: 08-17-11								
SEGMENT OR SUBSTATION: Raven Farm SS Site W	Vork - Cumberland								
FINDINGS: Acceptable Minor Non-Conformance	Major or Repeat Non-Conformance								
Follow-up or Action Required (can be "Acceptable" but	still require follow-up)								
WEATHER/CONDITIONS (e.g. precipitation, snowpack Cloudy, 70s, light wind, after rain event TYPE OF WORK OBSERVED (e.g. clearing, pole-setting									
Raven Farm site work									
AREA INSPECTED (<i>e.g. structure numbers, road crossin</i> Sub Station Site Work									
GENERAL SITE FEATURES & CONDITIONS W/IN	THE AREA INSPECTED								
Are there Inland Wading Bird and Waterfowl Habitats? Are there Significant Vernal Pool Habitats? Are natural resources flagged appropriately as described in Are erosion and sediment control devices installed correctly	the permit documents?								
Are stream crossings installed correctly and are they being a free of mud and dirt)? Are all setbacks and buffers being cleared and crossed as de	scribed in the permit documents?								
Are stormwater controls installed correctly (i.e. according to described in the permit)? Is topsoil being segregated and restored as described in the particular of the plants or animals present?	permit documents?								

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Page 1 of 5

PORTLAND 312 CANCO ROAD PORTLAND, ME 04103 (207) 822-6300 FAX: (207) 822-6303 BANGOR 106 HOGAN ROAD BANGOR, ME 04401 (207) 941-4570 FAX: (207) 941-4584



Paul LePage GOVENOR

ACTING COMMISSIONER

COMMENTS: 08-16-11Present: Ross

- Inspected Raven Farm SS site work after overnight rain event.
- Discharge from outfall from NE pond clean.
- Surface of NE pond embankment shows little or no signs of vegetated growth beneath the sparse rye stalks. This may need to be reseeded in order to establish 85% growth by end of growing season.
- No erosion or evidence of rills on the eastern slopes.
- Majority of runoff impounded in middle of site in depression.
- Discharge to the east at the entrance clean.
- Probably ought to have one check dam at the edge of the vegetated swale where it meets the rough ditch located on the left just as one enters the site off of Greeley Road.
- Greeley Road is clean.
- No other issues or comments.



08-15-11 Raven farm -NE filter pond embankment surface no substantial vegetation aside from sparse stalky rye.jpg

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Paul LePage GOVENOR

ACTING COMMISSIONER



08-15-11 Raven farm -NE filter pond attenuated release.jpg



08-15-11 Raven farm -middle of site on eastern side impounding runoff.jpg

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Paul LePage GOVENOR

ACTING COMMISSIONER



08-15-11 Raven farm - one check dam or filter berm needed between finished ditch and rough dicth.jpg



08-15-11 Raven farm - eastern slope and edge of pad no signs of rills or erosion.jpg

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PORTLAND 312 CANCO ROAD PORTLAND, ME 04103 (207) 822-6300 FAX: (207) 822-6303 BANGOR 106 HOGAN ROAD BANGOR, ME 04401 (207) 941-4570 FAX: (207) 941-4584



Paul LePage GOVENOR

ACTING COMMISSIONER



08-15-11 Raven farm -NE filter pond outfall discharge clean.jpg

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TOWN OF CUMBERLAND		7-01-2011 to 6-30-2012										
POST- STORMWATER LOG FOR ALL PROJECTS	SITE PL	ÁN / SUBDIVISION										-
LOCATION	MAP	LOT	OWNER	DATE OF APPROVAL	MAINE GENERAL #	INSPECTION	INSPECTION	INSPECTION	INSPECTION	INSPECTION	INSPECTION	INSPECTION
Route 88 in Cumberland	N/A	LOT N/A	State of Maine / Town of Cumberland	2/9/2010	49592	Now Complete						
37 Greely Road - Raven Farm Substation	R-02	34B,34C,34D,34E,&portion of 38E and 38F	Central Maine Power	1/26/2011		Not Complete yet						
												1
												-
							+					+
									1	+		

TOWN OF CUMBERLAND		7-01-2011 to 6-30-2012									
STORMWATER LOG FOR ALL PROJECTS SITE PL	AN / SU	IBDIVISION									
LOCATION	MAP	LOT	OWNER	DATE OF APPROVAL MAINE GENERAL #	INSPECTION	INSPECTION	INSPECTION	INSPECTION	INSPECTION	INSPECTION	INSPECTION
37 Greely Road - Raven Farm Substation	R-02	34B,34C,34D,34E,&portion of 38E and 38F	Central Maine Power	1/26/2011	see third party	Town Engineer					
12 SkyView Drive- CGM Ventures DBA Exactitude	R-01	1101	CGM Ventures Inc	6/27/2011							
371 Tuttle Road	U-11	4	371 Tuttle Road Associates	8/17/2011							
Drowne Road - Phase one	U-10	7B	Bateman Associates	9/21/2011	see third party	Town Engineer					
Drowne Road - School Apartments Phase three	R-03	51B P/O	Bateman Associates	10/13/2011							
CMP Line Segment # 19	R-02	34B,34C,34D,34E,&portion of 38E and 38F	Central Maine Power	9/21/2011	see third party	Town Engineer					
216 Greely Road	R-04	34	Cumberland Animal Clinic	10/13/2011							
319 Main Street	U-13	110	Jim Guidi 319 Main St	3/20/2012							
Route One / Tuttle Road	R-02	10A	Maine Standards	5/16/2012							
		1	1		1	l			1	1	1

APPENDIX J

Sample Tracking Spreadsheet for Notice of Violations (NOV's)

Town of Cumberland Stormwater Program Management Plan Permit Year 4 Annual Report July 1, 2011 to June 30, 2012

> Ransom Consulting, Inc. Project 083025

APPENDIX K

William Longley Training Certificates

Town of Cumberland Stormwater Program Management Plan Permit Year 4 Annual Report July 1, 2011 to June 30, 2012

> Ransom Consulting, Inc. Project 083025

State of Maine

Executive Branch – Maine State Planning Office

Municipal Code Enforcement Certification

Certifies

William Longley, Jr.

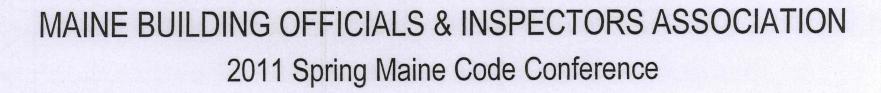
To perform duties as code enforcement officer in the areas of

Shoreland Zoning ~ Land Use ~ Residential Building Code ~ Commercial Building Code ~ Residential Energy Code ~ Indoor Residential Ventilation Code ~ Indoor Commercial Ventilation Code

(Den

Certification no.: 138 Certification expiration date: 1/31/2013

Tim Glidden, Acting Director





This is to certify that William C. Lonbley JR has successfully participated in the following course:

2009 IBC Plan Review – Part II

May 2, 2011 - P.M. Session

President:

Mike Nugent

Date:

Location:

Ramada Conference Center

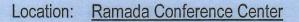
MAINE BUILDING OFFICIALS & INSPECTORS ASSOCIATION 2011 Spring Maine Code Conference



William C. LONG/EY TR.

has successfully participated in the following course:

2009 IRC Plan Review



Date:

May 3, 2011 - A.M. Session

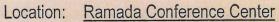
President: Mike Nugent

MAINE BUILDING OFFICIALS & INSPECTORS ASSOCIATION 2011 Spring Maine Code Conference



This is to certify that William Longley has successfully participated in the following course:

IEBC International Building Codes 2009



Date:

May 3, 2011 - P.M. Session

President: Mike Nugent

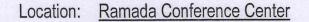
MAINE BUILDING OFFICIALS & INSPECTORS ASSOCIATION 2011 Spring Maine Code Conference

<u>∧,,∧,,∧,,∧,∧,∧,∧,∧,∧,∧,∧,∧,∧,</u>∧



This is to certify that William C. LONGIEY JR. has successfully participated in the following course:

2009 IBC Plan Review - Part I



Date:

May 2, 2011 - A.M. Session

President: Mike Nugent This is to certify that

William Longley

.

attended the MBOIA March Membership Meeting/Training

Naine Building Officials and Inspectors Association

Held in: Gray



Instructor: President: Date: Peter Cutrer Mike Nugent March 17, 2011

Naine Building Officials and Inspectors Association

This is to certify that

William Longley

attended the MBOIA December Meeting and earned 2 Building Standards Credits

Held in: Brunswick, Maine



Instructor: President: Date: Tim Gates Michael J. Nugent, C.B.O. December 16, 2010

APPENDIX L

Ocean Outfall Monitoring Data

Town of Cumberland Stormwater Program Management Plan Permit Year 4 Annual Report July 1, 2011 to June 30, 2012

> Ransom Consulting, Inc. Project 083025

The Town of Cumberland has a variety of marine resources, including approximately four miles of coastline on the mainland and two small islands. Key resources along the coastline include shellfish and worm harvesting areas, dense eel Grass beds, tidal waterfowl and wading bird habitats, and seabird nesting area's. The town's shoreline is also home to a large number of horseshoe crabs.

The town has typically issued 11 (10 resident and 1 non-resident commercial shellfish harvesting permits and 280 recreational licenses, 50 of which were reserved for after June 1st.

In July 2007 The Town of Cumberland and Chebeague Island split, Chebeague Island becoming their own town. This change significantly altered our marine resources of the town. Virtually all commercial fishing and lobstering in Cumberland, and most marine related business, has been based on Chebeague. Mainland Cumberland has no publicly owned areas for a pier and no deep water access for a harbor. Cumberland also has no direct access to a public beach. Their are many boats registered in the town that have to be moored elsewhere.

The Cumberland Police Department along with The Department of Marine resources has been involved in the testing of our shoreline waters for many years. Beginning in the fall of 2008 we were informed that our water quality for the continuing of harvesting of shellfish was beginning to show an increase of bacteria. The testing that was being done by DMR indicated an increase of fecal coliform. Fecal coliform can come from a variety of sources, including but not limited to animal waste. We were also told that water drainage systems including catch basins could be washing pollutants into our areas.

During the winter of 2008/2009 members of our department along with our IT director Mike Crosby attended classes to certify us thru DMR to become volunteer water samplers. These classes consisted of classroom time as well as site survey and the actual taking of samples for the direct purpose of fecal coliform testing. During the winter we contacted Friends of Casco Bay, Maine's Healthy Beach program, The University of Southern Maine and also Southern Maine Community College in hopes that one of these three groups could assist us in attempting to locate the source of the increased pollution. Members attended training at Southern Maine Community College where they learned how to perform shoreline surveys. Shoreline surveys are used to determine where and how pollutants may be entering our bay area thru either public means, culverts, catch basins etc. or private entities, overboard discharge units, residential sump pumps or grey water type devices. During this training we were put in touch with Portland Water District, in an effort to utilize their testing serevices and expertise on the fecal coliform issue. When contacted we met on several occasions and showed them our results to date as supplied by DMR. During our discussions we mapped out a sampling strategy based on what we felt were problem areas along our shoreline. Our goal was to mirror the testing that DMR performs but also we wanted to get more sampling done on our own to attempt to isolate those areas where we showed increase in fecal coliform.

During the spring of 2009 along with Portland Water District did two sets of water quality testing. samples were taken at approximately 8 pre determined sites and turned over to PWD for their lab to analyze. During our survey work we discovered several areas of concern. Their were locations where unknown pipes were coming out of the ground and actual flow of water was running onto either rocky ledges or directly onto the sand. We determined by attempting to

follow these pipes that these were private homes and not public use pipes. We even found a plastic trash can with lid, when we opened the trash can inside were wet plastic bags of what appeared to be dog waste. Our shoreline walk also noted a alarming amount of deer feces in the area, this could also add to our water quality problem. Our most alarming find was the amount of ducks, and geese located in the waters known as Broad Cove, this area lies on the border of Yarmouth and has historically been a problem site with DMR water quality testing and the presence of fecal coliform. In looking at the area and the lack of tidal movement this appears to be a problem that we can't even begin to fathom. The area is prime feeding ground for waterfowl and is privately owned. Their is a stream that runs from a farm area and the entire area is surrounded by tall eel grass and woods.

During the summer of 2009 we have continued to monitor the water quality with sampling done by us and turned over to DMR for their lab. These sampling results have shown an increase in fecal coliform to the point where our shellfish flats will be closed for the remainder of 2009 and quite possibly into 2010. Cumberland has a 2 sampling points recognized by DMR. Our long term goal is to get DMR to add two more sampling points to our area. Our hope is by adding more points we could put the Broad Cove area and its continued bad water quality out of the equation and have the rest of Cumberland open to shellfish harvesting. I am in the process of researching grant monies to assist is in either additional water quality, mitigation strategies or even educational materials to better educate the general public on our water quality. The Town of Cumberland also purchased a incubation unit for our use. We have performed our own testing looking for e-coli bacteria and other coliforms. Testing was done at Cumberland Town landing, Long Meadow, Seacove, Payson Point and at the head of Broad Cove adjacent to the Yarmouth pump station.

PHOTO KEY FOR WATER QUALITY SAMPLING

- 1. Runoff of unknown origin Wildwood Beach
- 2. Extended runoff on Wildwood Beach
- 3. Members along with Portland Water District taking water samples
- 4. Plastic garbage can with dog waste inside Wildwood Beach
- 5. Cumberland Town Landing culvert from Route 88
- 6. Runoff from unknown source north of Town Landing Road
- 7. Close-up of unknown runoff north of Town Landing Road
- 8. Mike Crosby taking sample from Fells Brook, North of Town Landing Road
- 9. Sample being taken from unknown pipe located adjacent to old Town landing road
- 10. Close-up of sample location 9
- 11. Culvert of unknown origin leeching out into Broad cove from the Ferne Lane area
- 12. Cobblestone pipe system located off Ferne Lane
- 13. Pipe coming from the banking into Broad Cove from Broad Cove Meadows area

















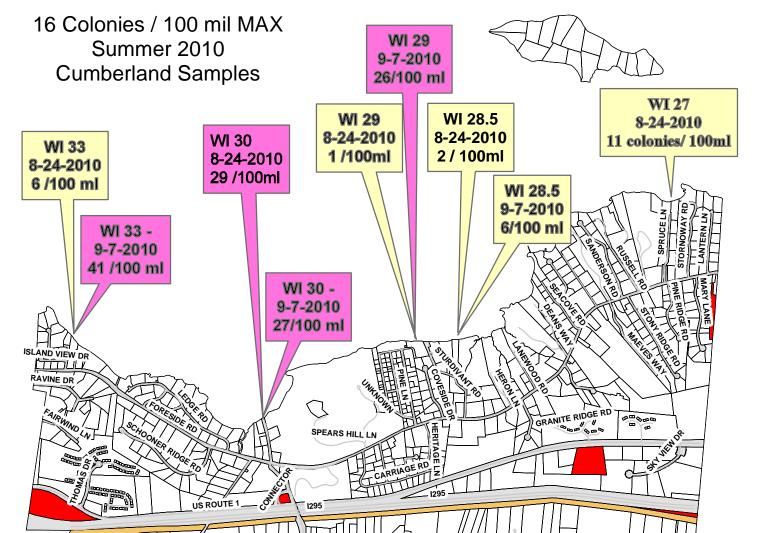












16 Colonies / 100 mil MAX Summer 2010 **Cumberland Samples WI 27** WI 33 WI 29 WI 28.5 11/100ml 8-24 6/100ml 8-24 8-24 1/100ml 2/100ml 10/252/100 ml 8-24 9-7 41/100ml 9-7 26/100ml 9-7 7/100ml 9-21 1/100 ml 9-21 2/100 ml 9-21 14/100 ml 10-25 12/100 ml 10-25 0/100 ml 10-25 4/100 ml 5 SPRUCE STORNOWA ERN WI 30 8-24 29/100ml 9-7 27/100ml 9-21 0/100 ml 10-25 0/100 ml LAMEN000 STURDINENT RD ISLAND VIEW DR I AND POND RD -LIDULI HERON LEDGE RD SONESIDE RAVINE DR UNANON FAIRWINDLA GRANITE RIDGE RD SCHOONER RIDGE RD 0000 TE RIDO FORESIDE RD HERITAGE LN 12 NEW A LE CONTRACTOR ŦġÊ ARRIAGERD 8 CONTRACT 1295 US ROUTE 1 1295 **B**ronne

LABORATORY REPORT LABORATORY I.D. NO. ME00029

PROJECT NAME:	TOWN OF CUMBERLAND		6000	
	7/10/0011		7/10/00/11	
DATE SAMPLED:	7/12/2011	DATE RECEIVED:	7/12/2011	
DATE REPORTED:	7/13/2011			
SAMPLE:	ACCELERATED SAMPLING			
	FECAL	DATE		
SAMPLE	COLIFORM	ANALYZED	METHOD	
WI 27.0	4	7/12/2011	9222D	
WI 28.5	0	7/12/2011	9222D	
WI 29.0	0	7/12/2011	9222D	
WI 30.0	10	7/12/2011	9222D	
WI 33.0	4	7/12/2011	9222D	

RESULTS ARE EXPRESSED AS COLONIES/100 ML.

METHOD REFERENCE:

STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, 18TH EDITION, 1992.

Godys J. Dewing

GLADYS J. DeWICK LABORATORY MANAGER

LABORATORY REPORT LABORATORY I.D. NO. ME00029

PROJECT NAME:	TOWN OF CUMBERLAND		6000	
	- /00 /00 / /			
DATE SAMPLED:	7/26/2011	DATE RECEIVED:	7/26/2011	
DATE REPORTED:	7/27/2011			
SAMPLE:	ACCELERATED SAMPLING			
	FECAL	DATE		
SAMPLE	COLIFORM	ANALYZED	METHOD	
WI 27.0	104	7/26/2011	9222D	
WI 28.5	7	7/26/2011	9222D	
WI 29.0	4	7/26/2011	9222D	
WI 30.0	5	7/26/2011	9222D	
WI 33.0	100	7/26/2011	9222D	

RESULTS ARE EXPRESSED AS COLONIES/100 ML.

METHOD REFERENCE:

STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, 18TH EDITION, 1992.

Godys J. Dewing

GLADYS J. DeWICK LABORATORY MANAGER

LABORATORY REPORT LABORATORY I.D. NO. ME00029

PROJECT NAME:	TOWN OF CUMBERLAND		6000	
			- /	
DATE SAMPLED:	8/10/2011	DATE RECEIVED:	8/10/2011	
DATE REPORTED:	8/11/2011			
SAMPLE:	SALT WATER SAMPLING			
	FECAL	DATE		
SAMPLE	COLIFORM	ANALYZED	METHOD	
WI 27.0	130	8/10/2011	9222D	
WI 28.5	10	8/10/2011	9222D	
WI 29.0	6	8/10/2011	9222D	
WI 30.0	163	8/10/2011	9222D	
WI 33.0	6	8/10/2011	9222D	

RESULTS ARE EXPRESSED AS COLONIES/100 ML.

METHOD REFERENCE:

STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, 18TH EDITION, 1992.

Godys J. Dewing

GLADYS J. DeWICK LABORATORY MANAGER

LABORATORY REPORT LABORATORY I.D. NO. ME00029

PROJECT NAME:	TOWN OF CUMBERLAND		6000	
DATE SAMPLED:	8/24/2011	DATE RECEIVED:	8/24/2011	
DATE REPORTED:	8/25/2011			
SAMPLE:	DMR ACCEL. 8/24/11			
	FECAL	DATE		
SAMPLE	COLIFORM	ANALYZED	METHOD	
WI 27.00	1	8/24/2011	9222D	
WI 28.50	3	8/24/2011	9222D	
WI 29.00	0	8/24/2011	9222D	
WI 30.00	3	8/24/2011	9222D	
WI 33.00	0	8/24/2011	9222D	

RESULTS ARE EXPRESSED AS COLONIES/100 ML.

METHOD REFERENCE:

STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, 18TH EDITION, 1992.

Glodys J. De Win 2

GLADYS J. DeWICK LABORATORY MANAGER

LABORATORY REPORT LABORATORY I.D. NO. ME00029

PROJECT NAME:	TOWN OF CUMBERLAND		6000	
DATE SAMPLED:	9/27/2011	DATE RECEIVED:	9/27/2011	
DATE REPORTED:	9/28/2011			
SAMPLE:	SALT WATER SAMPLILNG			
	FECAL	DATE		
SAMPLE	COLIFORM	ANALYZED	METHOD	
WI 027	13	9/27/2011	9222D	
WI 28.5	24	9/27/2011	9222D	
WI 29	190	9/27/2011	9222D	
WI 030	12	9/27/2011	9222D	
WI 033	2	9/27/2011	9222D	

RESULTS ARE EXPRESSED AS COLONIES/100 ML.

METHOD REFERENCE:

STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, 18TH EDITION, 1992.

Glodys J. De Win 2

GLADYS J. DeWICK LABORATORY MANAGER

LABORATORY REPORT LABORATORY I.D. NO. ME00029

PROJECT NAME:	TOWN OF CUMBERLAND		6000	
DATE SAMPLED:	10/12/2011	DATE RECEIVED:	10/12/2011	
DATE REPORTED:	10/14/2011			
SAMPLE:	ACC SAMPLILNG			
	FECAL	DATE		
SAMPLE	COLIFORM	ANALYZED	METHOD	
WI 027	7	10/12/2011	9222D	
WI 28.5	0	10/12/2011	9222D	
WI 29	0	10/12/2011	9222D	
WI 030	0	10/12/2011	9222D	
WI 033	0	10/12/2011	9222D	

RESULTS ARE EXPRESSED AS COLONIES/100 ML.

METHOD REFERENCE:

STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, 18TH EDITION, 1992.

Godys J. Dewing

GLADYS J. DeWICK LABORATORY MANAGER

LABORATORY REPORT LABORATORY I.D. NO. ME00029

PROJECT NAME:	TOWN OF CUMBERLAND		6000	
DATE SAMPLED:	11/1/2011	DATE RECEIVED:	11/1/2011	
DATE REPORTED:	11/2/2011	DATE RECEIVED.	11/1/2011	
SAMPLE:	ACC SAMPLILNG			
	FECAL	DATE		
SAMPLE	COLIFORM	ANALYZED	METHOD	
WI 27.0	0	11/1/2011	9222D	
WI 28.5	1	11/1/2011	9222D	
WI 29.0	0	11/1/2011	9222D	
WI 30	2	11/1/2011	9222D	
WI 33	0	11/1/2011	9222D	

RESULTS ARE EXPRESSED AS COLONIES/100 ML.

METHOD REFERENCE:

STANDARD METHODS FOR THE EXAMINATION OF WATER AND WASTEWATER, 18TH EDITION, 1992.

Godys J. Dewing

GLADYS J. DeWICK LABORATORY MANAGER

APPENDIX M

List of Municipal Operations in the Urban Area

Town of Cumberland Stormwater Program Management Plan Permit Year 4 Annual Report July 1, 2011 to June 30, 2012

> Ransom Consulting, Inc. Project 083025

Town of Cumberland Municipal Operations in the Urban Area

<u>Facility</u>	Location	<u>Size</u>	Scope of Work
Public Works Garage	Drowne Road	8000 sq ft	Vehicle Maintenance, Painting, Welding Salt Storage, Vehicle Storage
SAD 51 Bus Maintenance Facility	Drowne Road	3200 sq ft	Bus Maintenance, Vehicle Storage
		0500	
Twin Brook Maintenance Facility	Tuttle Road	2500 sq ft	Lawn Mower and Fertilizer Storage
Valhalla Golf Course Maintenance Facility	Valhalla Road	1500 sq ft	Light Mower maintenance, Fertilizer Storage Pesticide Storage

APPENDIX N

Public Participation Event Agenda

Town of Cumberland Stormwater Program Management Plan Permit Year 4 Annual Report July 1, 2011 to June 30, 2012

> Ransom Consulting, Inc. Project 083025

Cumberland Shellfish Conservation Commission – Outreach Subcommittee Draft Outreach Strategy

I. <u>Goals and Objectives:</u>

Subcommittee Goal (*draft text for discussion***):** To improve water quality in waters off the coast of Cumberland in order to work towards the opening of shellfish flats in the short-term and encouraging the use of best management practices amongst residents, business owners, MSAD 51 administrators, and Town managers over the long-term.

Objectives to meet this goal (*draft text for discussion*):

- To educate diverse audiences¹ in Cumberland about the direct and indirect effects of their practices on water quality and shellfish resources off the coast of Cumberland and neighboring communities.
- 2. To offer information and resources to adapt best management practices, whether for a private resident, commercial operation (e.g., farms, wastewater treatment plants, etc.).
- 3. To communicate our efforts to surroundings towns and local environmental organizations.

II. Primary Focus & Audience:

The primary approach of the Subcommittee would focus on targeted outreach to specific audiences. The five audiences discussed at our meeting are:

- 1. Town properties (e.g., Twin Brook, Val Halla, etc.)
- 2. MSAD 51 (e.g., School administrators school grounds, teachers \rightarrow children, etc.)
- 3. Residential (e.g., home owners and their families, home associations)
- 4. Farms
- 5. Other commercial businesses (e.g., stores, offices, and include related commercial businesses that operate in Cumberland and apply lawn chemicals or develop properties)

The focus of the Subcommittee will be tailored to the particular audience, and may include education and outreach on pollution sources such as septic tanks/wastewater, stormwater, livestock/pet waste, and lawn chemicals. The Subcommittee, along with the Town of Cumberland, will also endeavor to address specific issues identified in DMR Shoreline Surveys.

III. <u>Methods for Outreach & Education</u>:

The method of the outreach will depend on the audience and focus of the effort, including, but not limited to: mailings, meetings/ septic socials, film screenings, presence at local events (e.g. Cumberland Fair, Yarmouth Clam Festival, Farmers Market, etc.), posters around town/Town Hall, messages on CCTV, articles/letters in local newsletters/newspapers (e.g., Forecaster, Town Crier, etc.), local spokespersons, and Town website.

Provided that the Subcommittee does not yet have an operating budget, outreach and education efforts will rely on, to the extent possible, existing resources and materials (*see page

¹ Target audiences are described in Section II.

3 for examples*). The Subcommittee will seek out funding for new outreach materials, printing costs, mailings, and events.

IV. <u>Schedule</u>:

The Subcommittee proposes to prioritize efforts with the Town and MSAD 51, and then evaluate all audiences and needs for the next priority when these efforts are underway. Additionally, the DMR Shoreline Surveys will inform this process. While some resolution of issues identified in the Shoreline Survey are mandated to be addressed by the State and Town, the Subcommittee will coordinate with the State and Town on resolutions where applicable.

V. <u>Budget:</u>

Subcommittee members will seek out both short- and long-term sources of funding. Short-term sources of funding include grants from federal and state agencies, and local organizations, such as DMR, DEP, NRCS/Time and Tide, and environmental organizations. In the long-term, the Subcommittee/Shellfish Conservation Committee would like to propose that the Town Council consider adding a \$5.00 'conservation fee' onto the shellfish license cost that would be appropriated to the Subcommittee for outreach and education expenditures. If available, the Subcommittee may request small amounts of discretionary funding from the Town to fund the costs of mailings, printing articles, and printing outreach materials.

VI. Roles and Responsibilities of Subcommittee Members

Roles and responsibilities of subcommittee members will vary, depending on the particular audience/focus of an event. Currently, Jessica Joyce serves as the Chair of the Subcommittee; Tom Gruber is coordinating the budget/finances of the Subcommittee; Hank Adams is leading our first effort collecting baseline information about use of lawn chemicals by the Town and MSAD 51, and identification of home/neighborhood associations; Michael Brown will be coordinating our efforts with the Town Manager, Shellfish Committee, and Town Council. Dan Holt, George Turner, and Milt Calder expressed interest in the Subcommittee, but were unable to attend the first meeting on July 6. Where applicable, the Subcommittee may recruit Town volunteers to assist with outreach efforts.

Existing Resources

- Conservation and outreach efforts in other Maine towns:
 - o Brunswick, Dan Devereaux, Best Practices
 - Harpswell: Voluntary pledge, education materials on Town website, links to other resources, etc.

http://harpswell.maine.gov/index.asp?Type=B_BASIC&SEC=%7BFA81F206-533D-437E-A7BC-09C82D763D48%7D&DE=%7B561675BB-7E8F-4D84-9C29-463A057C33E3%7D

- Camden, Rockport, and Castine banned synthetic fertilizers and pesticides on Town properties
- Kennebunk, Lawns for Lobsters
- Presumpscot River Watershed Coalition (<u>http://www.presumpscotcoalition.org/</u>) Cumberland [Lands and Conservation Commission] is working PRWC, in coordination with Yarmouth and Falmouth.
- Friends of Casco Bay: Bayscaping, now a statewide program, Yardscaping: <u>http://www.yardscaping.org/</u>
- EPA/State of Maine Think Blue Campaign (<u>www.thinkbluemaine.org</u>)
 - o Focuses on stormwater runoff
 - Outreach Toolbox for municipalities: brochures (<u>http://www.cumberlandswcd.org/yardscape/factsheets.htm</u>), display, stormwater stencil toolkit, door hanger, classes, etc.
- DMR outreach efforts with Kennebec Estuary Land Trust (KELT), currently focused on Phippsburg, Bath, Georgetown, Woolrich, and Wiscasset.
- Maine Clammers Association: 6/29/10 letter:
 - o MCA Goal:

Continue to act as an effective facilitator to move Maine's municipal shellfish programs in more sustainable directions.

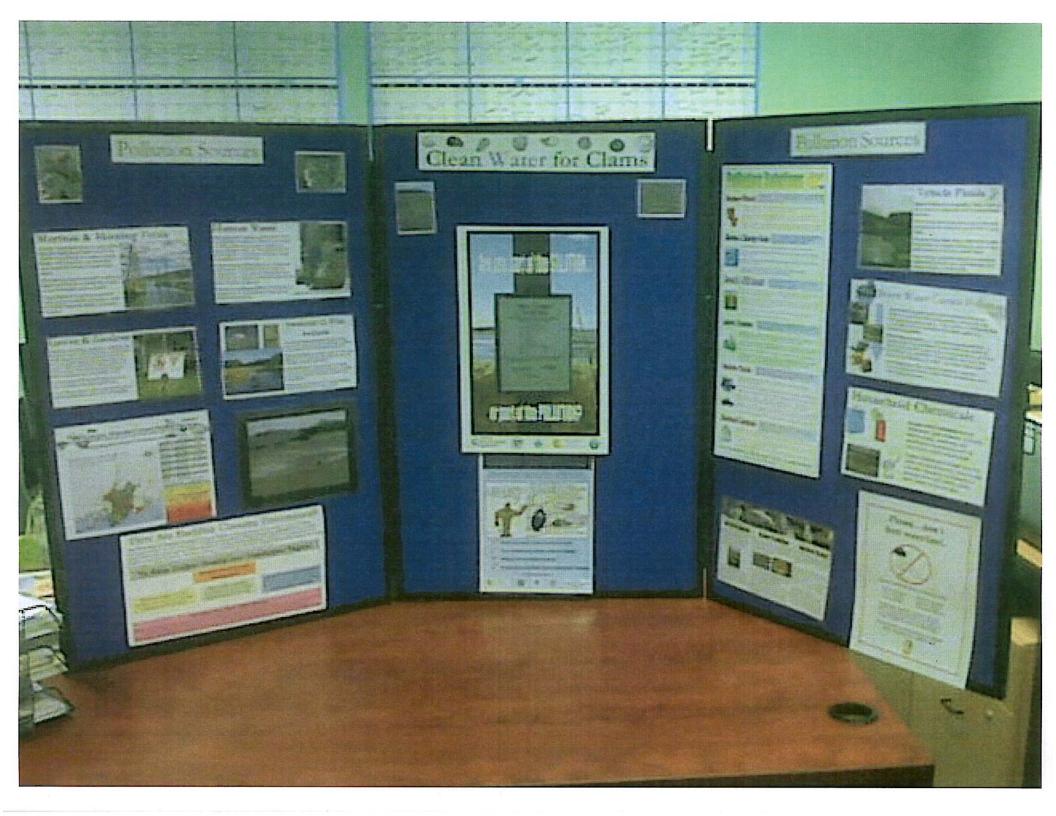
• Recent Actions:

Have begun public education efforts aimed at addressing the growing problem of pet waste.

Focused public attention on pollution from coastal farms.

Facilitated a new level of inter agency collaboration between DMR, Department of Agriculture and Department of Environmental Protection that is now assisting municipal shellfish programs to address pollution affecting shellfish resources.

• If interest in public health aspect, <u>www.safelawns.org</u>, Paul Tukey and 'A Chemical Reaction Film'



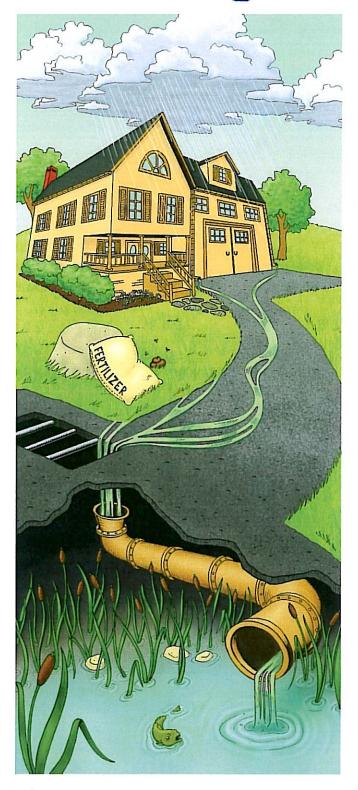
FOLLOW THE FLOW Where does water go?

Not all water that falls on your property soaks into the ground. As water flows off your property, it can wash pollutants such as soil, lawn chemicals and pet waste into where we fish, what we drink and where we swim.

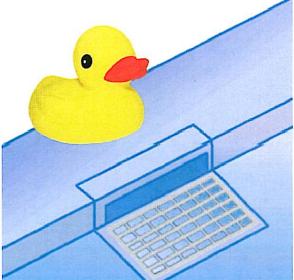
It's up to all of us to protect our local rivers, lakes and bay from polluted runoff.

Learn how at www.ThinkBlueMaine.org









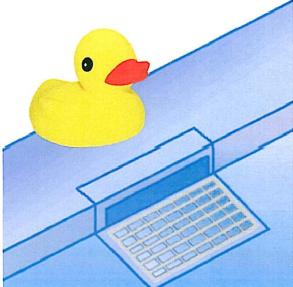
ONLY RAIN GOES DOWN THE STORM DRAIN!

Stop Stormater Pollution



ONLY RAIN GOES DOWN THE STORM DRAIN!





ONLY RAIN GOES DOWN THE STORM DRAIN!

What is the problem?

Rain washes the things we leave behind, like trash, pet waste and oil, down storm drains and into the nearest stream, river or bay. This pollutes the places we like to swim, fish and boat.

What can you do?

Clean up and properly dispose of:

- Yard waste (leaves, brush, etc.), fertilizers & pesticides
- Pet waste
- Cigarette butts & other trash
- Used motor oil, antifreeze & other automotive fluids
- Paint, detergents & other chemicals

Remember:

Never dump anything down a storm drain!

To learn more please visit our website at www.ThinkBlueMaine.org



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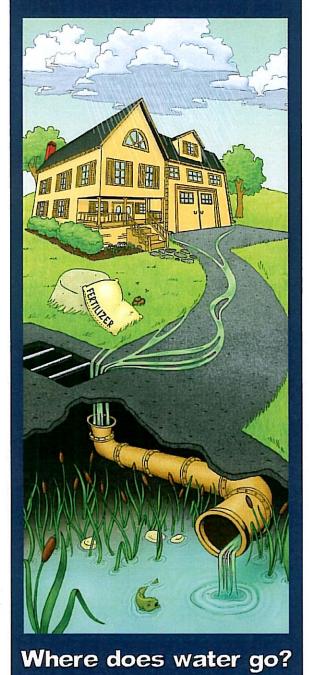
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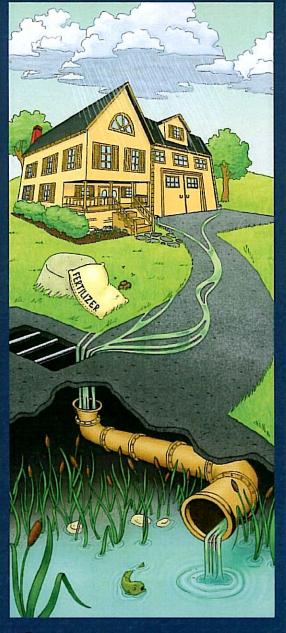
To learn more please visit our website at www.ThinkBlueMaine.org



FOLLOW THE FLOW

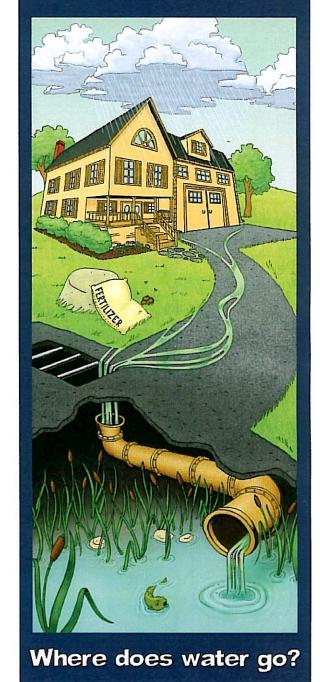


FOLLOW THE FLOW



Where does water go?

FOLLOW THE FLOW



Do you know...

Not all water that falls on your property soaks into the ground. As water flows off your property, it can wash pollutants, such as soil, lawn chemicals and pet waste into storm drains, which flow directly to where we fish, what we drink and where we swim.

It's up to all of us to protect our local rivers, lakes and bays from polluted runoff. Watch the path water takes, and find ways to slow it down, spread it out and soak it in.

Tips for preventing polluted runoff on your property:

- Direct gutter downspouts to a rain barrel or vegetation
- Wash your car on the lawn or at a car wash
- Pick up after your pet and dispose of it in the trash or flush it down the toilet
- Reduce your use of fertilizers and pesticides
- Never dump anything down a storm drain

Learn more by visiting www.ThinkBlueMaine.org



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APPENDIX O

Operation and Maintenance Procedures for Town facilities

Town of Cumberland Stormwater Program Management Plan Permit Year 4 Annual Report July 1, 2011 to June 30, 2012

> Ransom Consulting, Inc. Project 083025



OPERATION AND MAINTENANCE PROCEDURES FOR VALHALLA GOLF COURSE FACILITY

Revision June 29, 2010



Train employees and subcontractors annually on O&M Procedures Train new employees within six months of hire

VEHICLE & EQUIPMENT: FUELING, WASHING & STORAGE (golf carts, tractors, lawn

mowers, trimmers, weed whackers, blowers, etc)

- Always:
 - When fueling must be done in the field, do so over a paved or concrete area well away from any storm drains or ditches. When pouring fuel from a jerry can, use a funnel.
 - Maintain all fueling equipment in good working order. Conduct preventive maintenance.
 - Conduct regular inspections of the fueling area and clean up any spills and absorbent on the ground.
 - Use drip pans under leaking equipment.
 - Completely drain oil filters before disposal by poking a hole in the top and allowing it to drain for 24 hrs.
 - Clean up all spills and leaks immediately with soil, sand, rags or paper towels. Keep others away from the spill and make sure it does not run off into other areas. Scoop all into a leak-proof container and properly dispose of it.
 - Keep "clean-up supplies" such as a containment drum, kitty litter, sand, sawdust, a shovel, a broom and dustpan in your storage facility and ready to use.

• Place stockpiled materials away from ledge or rock outcrops, storm drains, ditches and surface waters.

When Possible:

- Perform all fueling activities for lawn care equipment in an enclosed building with closed drainage.
- Keep stockpiles under cover or use erosion control mulch to contain.
- Reduce the amount of liquid cleaning agents used or use low phosphate or phosphate free products.
- Conduct maintenance within a building or covered area.
- Park vehicles/equipment indoors or under a roof.
- Wash equipment/vehicles in a designated area that is permeable or drains to a buffer and does not directly drain to a ditch or water body.
- Discharge all wash water containing degreasers, acids, bases, and or metal brighteners to an on site treatment facility, the sanitary sewer in accordance with the treatment plant standards, or an approved holding tank.
- Drain fluid from stored/salvaged vehicles/equipment.

Never:

- Never allow "topping off" of fuel tanks.
- Never allow drivers or operators to leave their vehicles or equipment unattended while fueling.
- Never dump gas, wastes or contaminated water down storm drains.
- Never refuel or change the mower oil near storm drains.
- Never hose down the work area unless the runoff will either be directed to an oil/ water separator and discharged into the city's sanitary sewer system or contained and disposed of as a hazardous waste.

FERTILIZERS:

Always:

- Keep records/documentation of all materials applied and when.
- Check the weather forecast and apply according to product instructions as to whether to apply dry or lightly watered in.
- Store in closed containers labeled with contents and purchase date.
- Keep containers in a secure building enclosure and clean as needed.
- Always routinely inspect storage area for leaks, spills, residue, and trash.
- If fertilizer accidentally ends up on pavement, always sweep it up as and put it back in the bag.

Whenever possible:

• Consider a low or no fertilizer approach to maintain turf.

FERTILIZERS, Continued:

- Perform a soil test to determine actual fertilization needs and application rate.
- Calibrate fertilizer spreaders to avoid excessive application.
- When fertilizer is needed, use slow or timed release nitrogen sources.

Never:

• Never apply fertilizers within five feet of pavement, 25 feet of a storm drain inlet, or 50 feet of a stream or water body.

PESTICIDES

Always:

• Use a licensed commercial pesticide company or licensed personnel for pesticide application, storage and disposal.

LANDSCAPING PRACTICES (mowing, irrigation, etc)

Always:

- Mow only as low as needed for the area's intended use. If areas are not being used, allow to return to meadow or field and mow once or twice per year rather than every week.
- Keep mower blades sharpened to avoid damaging grass leaf tissue.
- Remove any grass clippings off of paved surfaces and return to the grassed area.
- Water at appropriate times (when no rain is forecasted and in the morning).

When Possible:

- Use mulching type mowers if available.
- Re-seed and mulch area where soils are exposed.
- Mow when the grass is dry to prevent spread of turf diseases.

Never:

- Never use leaf blowers to blow waste into storm drains or ditches. Only blow into streets when it will be picked up within <u>24-48</u> hours or prior to a rain or heavy wind event.
- Never irrigate based on timers or schedules instead of monitoring for rainfall.

<u>SPILL CLEAN UP:</u> (crude oil, gasoline, heating oil, various fuel oils, lubricating oil, hydraulic oil, asphaltic residuals)

Always:

- Stop the source of the spill and contain any liquids, if possible to safely do so.
- Contact the MDEP to report any size spill.
 - MDEP Petroleum Products Spill Response: 1-800-482-0777
 - MDEP Hazardous Material (non-oil spill): 1-800-452-4664
- Report any discharge of hazardous waste immediately, (within one hour) to local emergency officials [fire department], then contact **MDEP Hazardous Material Department** (as described above).
 - Hazardous materials spills involve non-oil spills that pose a threat to human health or the environment, such as chemical releases.
- Cover the spill with absorbent material such as kitty litter, sawdust, or oil absorbent pads. Do not use straw or water.
- Notify Cumberland's Director of Operations as soon as possible for documentation of spill and spill response.



OPERATION AND MAINTENANCE PROCEDURES FOR TWIN BROOKS RECREATION FACILITY

Revision June 29, 2010



Train employees and subcontractors annually on O&M Procedures Train new employees within six months of hire

VEHICLE & EQUIPMENT: FUELING, WASHING & STORAGE (tractors, lawn mowers, golf

carts, trimmers, weed whackers, blowers, etc)

- Always:
 - When fueling must be done in the field, do so over a paved or concrete area well away from any storm drains or ditches. When pouring fuel from a jerry can, use a funnel.
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 - Conduct regular inspections of the fueling area and clean up any spills and absorbent on the ground.
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 - Completely drain oil filters before disposal by poking a hole in the top and allowing it to drain for 24 hrs.
 - Clean up all spills and leaks immediately with soil, sand, rags or paper towels. Keep others away from the spill and make sure it does not run off into other areas. Scoop all into a leak-proof container and properly dispose of it.
 - Keep "clean-up supplies" such as a containment drum, kitty litter, sand, sawdust, a shovel, a broom and dustpan in your storage facility and ready to use.

• Place stockpiled materials away from ledge or rock outcrops, storm drains, ditches and surface waters.

When Possible:

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- Park vehicles/equipment indoors or under a roof.
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FERTILIZERS:

Always:

- Keep records/documentation of all materials applied and when.
- Check the weather forecast and apply according to product instructions as to whether to apply dry or lightly watered in.
- Store in closed containers labeled with contents and purchase date.
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- Consider a low or no fertilizer approach to maintain turf.
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 - Hazardous materials spills involve non-oil spills that pose a threat to human health or the environment, such as chemical releases.
- Cover the spill with absorbent material such as kitty litter, sawdust, or oil absorbent pads. Do not use straw or water.
- Notify Cumberland's Director of Operations as soon as possible for documentation of spill and spill response.

WILDLIFE: (DUCKS, GEESE, GULLS, ETC)

Facts:

- Wildlife always have plenty of natural food sources
- They do not need Wonder Bread, French fries or pretzels (these foods provide no nutritional value to wildlife)
- Wildlife's' most common instinct is "fear of humans"
 - If this instinct is lost-wildlife could be hurt or killed and humans put themselves at risk too
- Birds and other animals that have a steady diet of human food are overweight and undernourished.

More than meets the eye:

- The animals you feed aren't the only animals you may impact;
 - Bald Eagles eat ducks, which impacts the food chain (unhealthy ducks result in unhealthy eagles).
 - Sometimes a French fry, pretzel, etc., can get caught in their windpipes and actually split the esophagus causing the animal to die.

Never:

• Never feed wild animals and birds.

TRAIL MAINTENANCE:

Always keep water off trails by:

- Installing rock or wood water bars to divert runoff into vegetated areas
- Installing water bars at a 45 degree angle
- Using drainage dips, swales or cross ditches to divert water from trails

Maintain Best Management Practices by:

- Cleaning and clearing out sediment and debris.
- Clearing blow downs
- Keeping trails free of brush

EROSION AND SEDIMENT CONTROL:

Always:

- Use erosion control techniques or devices to stabilize disturbed areas.
- Use effective site planning to avoid sensitive areas.
- Keep land disturbance to a minimum.
- Install, inspect and maintain erosion control devices properly.
- Minimize slope lengths.
- Prevent erosion by covering bare soil with mulch or other cover.

Whenever Possible:

- Protect natural vegetation, especially near water bodies, wetlands, and steep slopes.
- Establish vegetative cover with good root systems prior to freeze/thaw cycles.

Never:

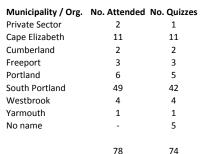
• Never divert runoff into a sensitive area.

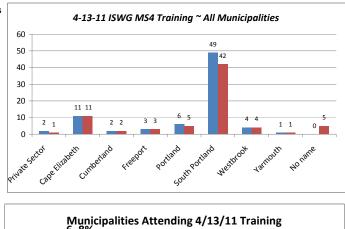
APPENDIX P

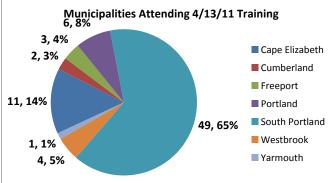
Municipal Employee Training

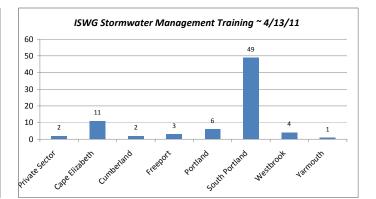
Town of Cumberland Stormwater Program Management Plan Permit Year 4 Annual Report July 1, 2011 to June 30, 2012

> Ransom Consulting, Inc. Project 083025









Staff IDDE Field Training: Public Services RECORD OF ATTENDANCE						
	То	wn of Cumberland	l, Maine			
		July 13, 2009)			
Name	Organization	Phone	FAX	Cell Phone	E-Mail Address	
Steve Johnson	Oak Engineers	772-2004			steven.johnson@oakengineers.com	
Danny Burr	Town of Cumberland					
Steve Googins	Town of Cumberland					
Chris Bolduc	Town of Cumberland					
Bill Landis	Town of Cumberland					
Chris Logan	Town of Cumberland					

INTERLOCAL STORMWATER WORKGROUP

								IC TMDL mtg @ PWD				Monitorin comm m	g State of the g Bay
Last Name	First Name	Organization/Municipality	22-Jul	16-Sep	18-Nov	17-Feb	20-Jan	17-Mar	21-Apr	19-May	TOTAL	16-D	ec 21-Oc
Beasley	Eileen	Falmouth Conservation Commission						1	1		2		
Bernier	Sarah	Saco/Scarborough		1	1	1	1	1	1		6		
Blanchette	Angela	Saco	1				1	1	1	1	5		
Bohlen	Curtis	Casco Bay Estuary Partnership					1	1			2		1
Bolduc	Michael	City of Saco									-		
Branscom	John	Maine Turnpike Authority	1				1				2		
Burns	Robert	Gorham		1			1	1			3		
	Greg	MMA									-		
Cross	Emily	City of Saco				1	1	1			3		
Dillon	Fred	South Portland Water Resource Protection	1	1	1	1	1	1	1	1	8		1 1
Dubois	Aimee	Scarborough											
			1		1	1	1						
Dudley	Eric	Vestbrook	1			_	1				4		1
Earle	Jon	Falmouth	1	1	1	1			1	1	6		1
Earley	Kathi	Portland	1	1	1	1			1	1	6		1
Fitch	Jami	CCSWCD	1	1		1	1	1	1	1	7		1
Fortier	Doug	Windham			1	1	1	1	1	1	6		
Gallup	Mark	Southern ME Community College	1				1	1	1		4		
Henderson	Zach	Woodard & Curran							1				
Hinderliter	Jeffrey	OOB								1	1		
Jellis	Dan	Yarmouth	1	1	1	1	1	1		1	7		
Johnson	Steve	Cumberland	1	1	1	1	1		1		6		
Kuchinski	John	AMEC											
Ladd	David	Maine DEP	1	1	1	1	1		1		6		
Lee Pinard	Tamara	CCSWCD	1	1	1	1	1	1	1	1	8		1 1
Malley	Robert	Cape Elizabeth	1	1			1			1	4		
Milligan	Tom	City of Biddeford	1	1	1	1	1	1		1	7		
Morin	Fred	AMEC	1	1	1		1	1	1		6		
Plummer	Sarah	CCSWCD		1							1		1
Presgraves	Albert	Freeport		1	1	1	1		1	1	6		1 1
Rinehart	Christine	Wright-Pierce	1	1	1	1	1	1	1	1	8		
	Bill	Old Orchard Beach				1					1		
	Brad	City of Portland							1		1		
	Doug	Portland	1		1	1	1	1		1	7		1
Roth	Lori	CEMA	1		1	1	-	-		1	,		-
		Maine Turnpike Authority		1		4	1	4	4		6		1
Saunders	Robyn			1		1		1		1			1
Shaw	Michael	Scarborough	1		1		1		1	1	5		
Smith	Nathaniel	City of Portland							1		1		
Stratford		SME		1					1	1	3		
Tansley	Greg	City of Biddeford							1		1		
Thomes	David	South Portland Water Resource Protection		1	1	1			1		4		
Wendel	Jim	Scarborough						1	1	1	3		
Williams	Betty	CCSWCD											
Witherill	Don	Maine DEP	18	19	17	19	23	18	1 26	1 20	2		6 8

Cumberland Stormwater Management Plan Staff Refresher Training Meeting Agenda Public Services April 3, 2012 8:00 AM Cumberland Town Hall

	1.	Introductions SIGN IN BACKERAND
	2.	Program Background ' WELLONE, TREIZIODIC TRAINING
		A. General Permit for Discharge of Stormwater (MS4)
		B. Notice of Intent (NOI) to be covered under the General Permit CO NEIZ
		C. Stormwater Program Management Plan
	3.	Stormwater Management Plan Implementation MCM 3 IDDE Inspections DESCRIPE MCM'S
		A. Goals and Definitions - Chose Colored - Cho
		B. Stormwater Outfall IDDE SOP, CU OVER
	-	C. Roadside Ditch IDDE SOP . Dru Dis MAAGES
	P	D. Inspection Tools/SOP/Maps
Char		E. Inspection Protocol
Bang		F. Record Keeping USE CORRECT FORM
10	,	G. Follow Through - REDUCT JO LANKA - CURES POR FOLLOW UP ACTION IF NEEDED
	· 4.	Stormwater Management Plan Implementation MCM 6 O&M Plans
		A. Twin Brook
		B. Val Halla
		C. SWPPP's and other required BMP's
	5.	Questions and next steps
	6.	Adjourn
		(SIGHAR)

	Staff IDDE Refresher Training: Public Services RECORD OF ATTENDANCE								
	Town of Cumberland, Maine								
		April 3, 2012							
Name	Organization	Phone	FAX	Cell Phone	E-Mail Address				
Steve Johnson	Ransom Consulting Inc.	772-2891	772-3248	754-2395	steven.johnson@ransomenv.com				
Laura Neleski	TOC	429.2220							
Daniel Burr	PWP	829-2223							
Calvin G. Bridges	PWD	829-2223							
Steven Googins	pap	829-2225							
Theo Bosinge	Parks	829-2223							
Frank Smith	PWD/PARKS	829-2223							
Bert Copp	PW.D	8292223							
Mar Bowen	PWD	8298097	•						
Mark Brainerd	P.W.D.	8292223							
			· · · · · · · · · · · · · · · · · · ·						

O:\2008\083025\NPDES Stormwater Compliance\Year 4 2011-2012\Municipal Training 2012\Meeting Attendance 4-3-12

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Stormwater	Employee Quiz
Pollution Prevention	Name Wacle wescont
A Drop in the Bucket	Dept. TOWN OF CUMber Cambate 4-13-11

The following questions all have multiple choice answers. Please circle the best answer for each question.

- 1. If you spill a small amount of dry material such as a powder outdoors, what should you do about it?
 - a. Hose it down into the nearest storm drain or ditch-
 - b. Let the wind blow it away naturally
- Clean it up promptly and thoroughly
- d. Notify the local fire department
- 2. If you must temporarily store materials outdoors that are packaged in paper bags, how should this be done?
 - a. Cover them with a water proof tarp
 - b. Secure the tarp
 - c. Check the tarp regularly for loosening
 - All of the above
- 3. Which of the following are most likely to contaminate stormwater run-off?
 - a. Hand tools
 - (b.)Solvents
 - c. Scrap tires
 - Gravel
- 4. After you have finished pumping a liquid through a hose into a vessel or container, you should...
 - a. Inspect the hose for leaks
 - Drain the hose into the receiving vessel or container and cap it before putting it away
 - c. Place a drop cloth under the receiving vessel or container
 - d. Place a drip bucket under any connections
- 5. Before starting to paint outdoors, you should...
 - a. Set up the work site over the closest storm drain
 - (b) Place a drop cloth under the object to be painted
 - c. Notify your facility's emergency coordinator
 - d. Place a water proof tarp or cover over the object to be painted
- 6. After cutting or grinding work done outdoors, you should...
 - (E) Sweep up the scraps and shavings and dispose of them properly
 - b. Replace the saw blade or grinding wheel
 - c. Sweep the scraps and shavings into the street
 - d. Hose the scraps and shavings away
- 7. If you use portable containers of liquid in any outdoor work, how should they be handled?
 - a. Keep lids and caps securely in place unless actually using the container
 - b. Place inside of secondary containment such as a pan or tray
 - c. Put the containers away indoors when finished
 - All of the above

Stormwater	Employee Quiz
Pollution Prevention A Drop in the Bucket	Name Mark Brainerd Dept. Rublic Scilice Date 4-13-11
	EUMENISM

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 - c. Put the containers away indoors when finished
 - (d) All of the above