



GROWING AREA EN

**Cape Split, South Addison to Henry Point, Jonesport
Including Beals, Great Wass and Head Harbor Islands**

Annual Report for 2010

Final Report Date: 1-30-2012

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APPROVAL

Division Director:

A handwritten signature in blue ink, appearing to read "Kohl Kanwit", written over a light blue rectangular background.

Kohl Kanwit

1/30/2012

Print name

signature

Date:



TABLE OF CONTENTS

Executive Summary9
Growing Area Description9
Current Classifications 10
Activity during Review Period 10
Conditionally Managed Area 10
Water Quality Review and Discussion 11
Upward Classification Changes 16
Shoreline Survey Activity 17
Aquaculture/Wet Storage Activity 17
Recommendation for Future Work 18
References..... 18
Appendix A. Annual Review of Conditional Area Management Plan Area No. 54-B 19
Appendix B. Key to Water Quality Table Headers 23

LIST OF TABLES

Table 1. Geomean and P90 Scores, Growing Area EN..... 11
Table 2. West-Indian Rivers Conditional Area, Open Status 12
Table 3. Area EN Samples Collected in 2010..... 13
Table 4. EN Wet Storage Sites 17

LIST OF FIGURES

Figure 1. Growing Area EN 3
Figure 2. Growing Area EN, Section A, with Active Water Stations..... 4
Figure 3. Growing Area EN, Section B, with Active Water Stations..... 5
Figure 4. Growing Area EN, Section C, with Active Water Stations..... 6
Figure 5. Growing Area EN, Section D, with Active Water Stations..... 7
Figure 6. Growing Area EN, Section E, with Active Water Stations..... 8
Figure 7. Area EN P90 Trends for Approved Stations (expressed as the percent of the approved standard), 2008-2010..... 15
Figure 8. Area EN P90 Trends for Approved Stations (expressed as the percent of the approved standard), 2008-2010..... 15
Figure 9. Area EN P90 Trends for Conditionally Approved Stations (expressed as the percent of the approved standard), Open Status Data, 2008-2010 16
Figure 10. Area EN P90 Trends for Prohibited Stations (expressed as the percent of the approved standard, logarithmic scale), 2008-2010..... 16



Figure 1. Growing Area EN

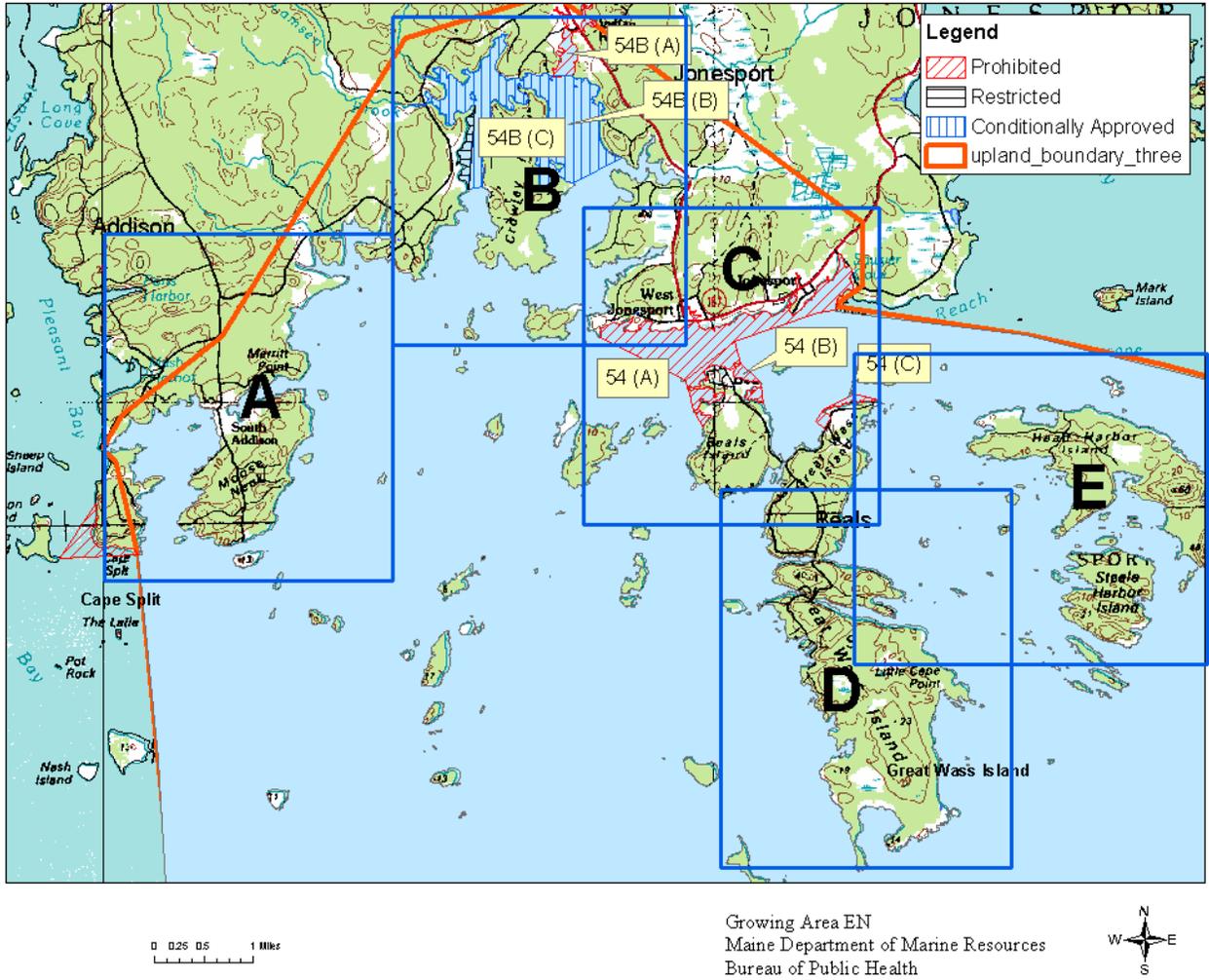




Figure 2. Growing Area EN, Section A, with Active Water Stations

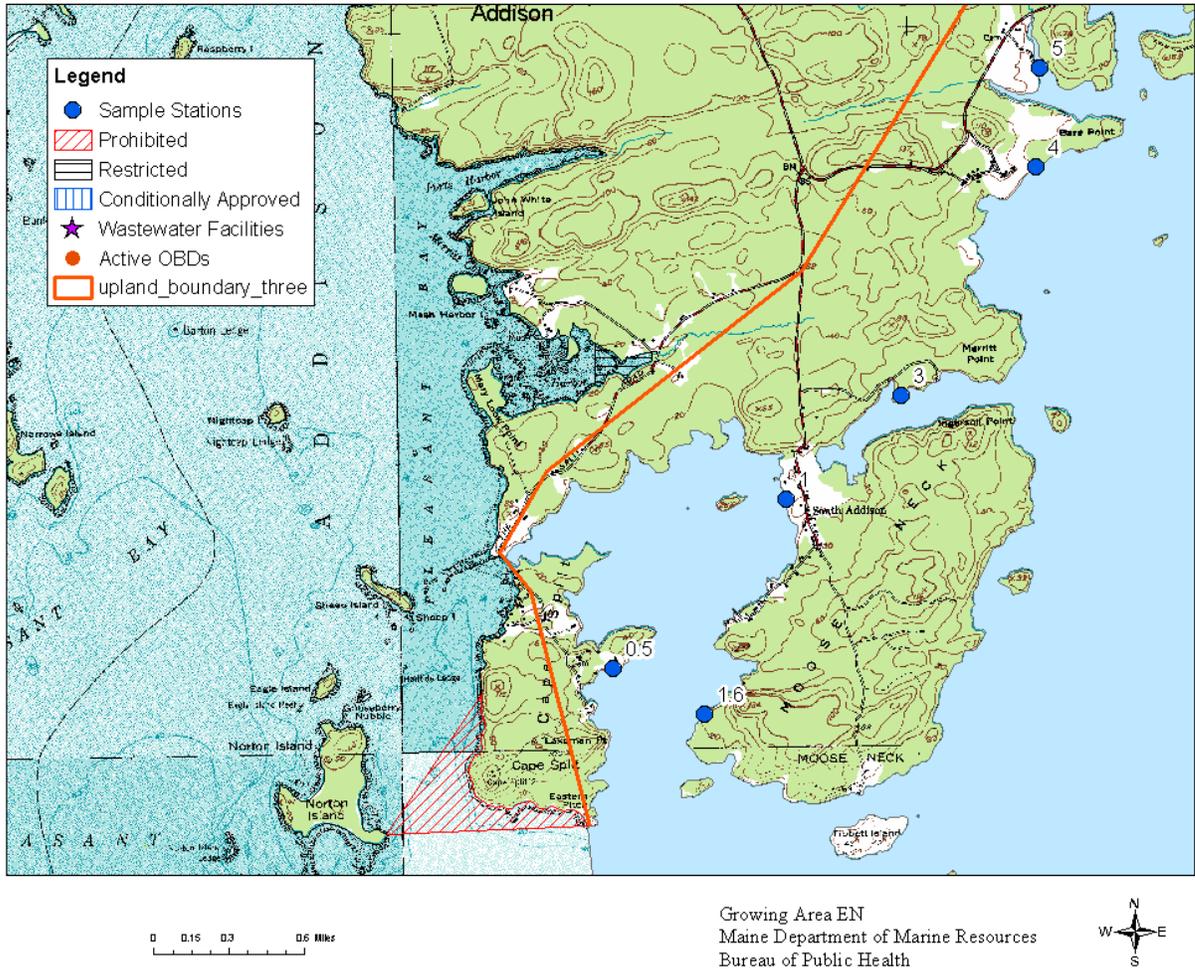




Figure 3. Growing Area EN, Section B, with Active Water Stations

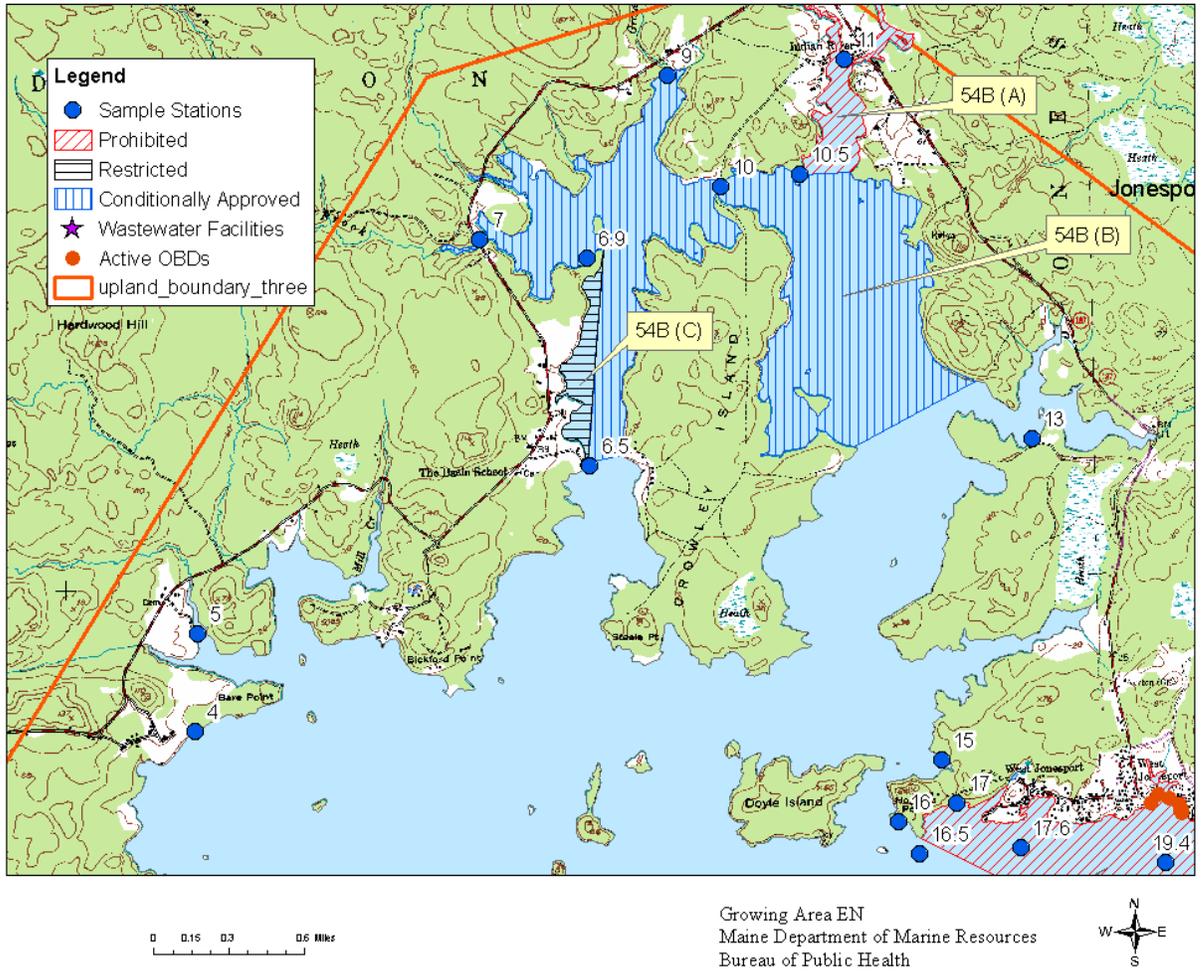




Figure 4. Growing Area EN, Section C, with Active Water Stations

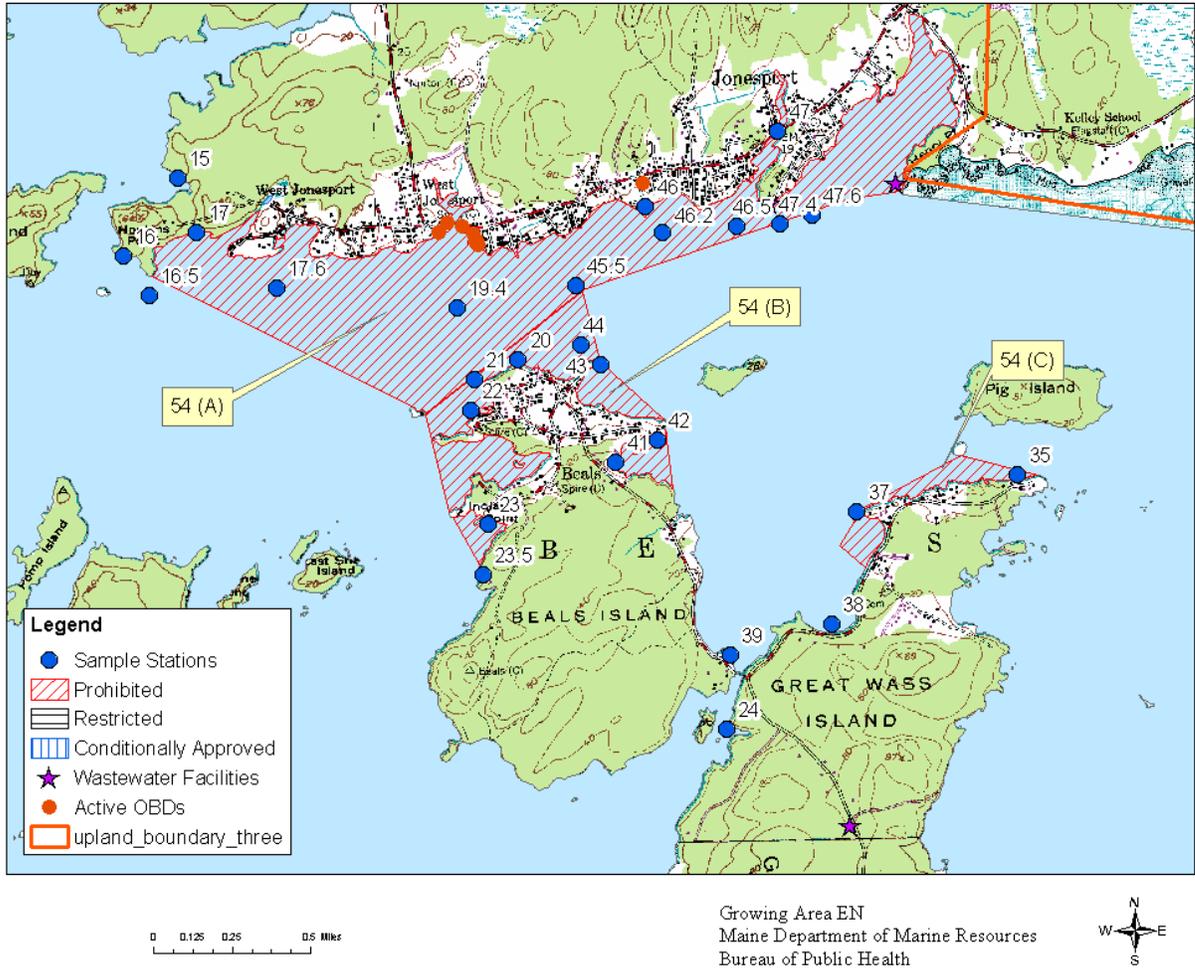




Figure 5. Growing Area EN, Section D, with Active Water Stations

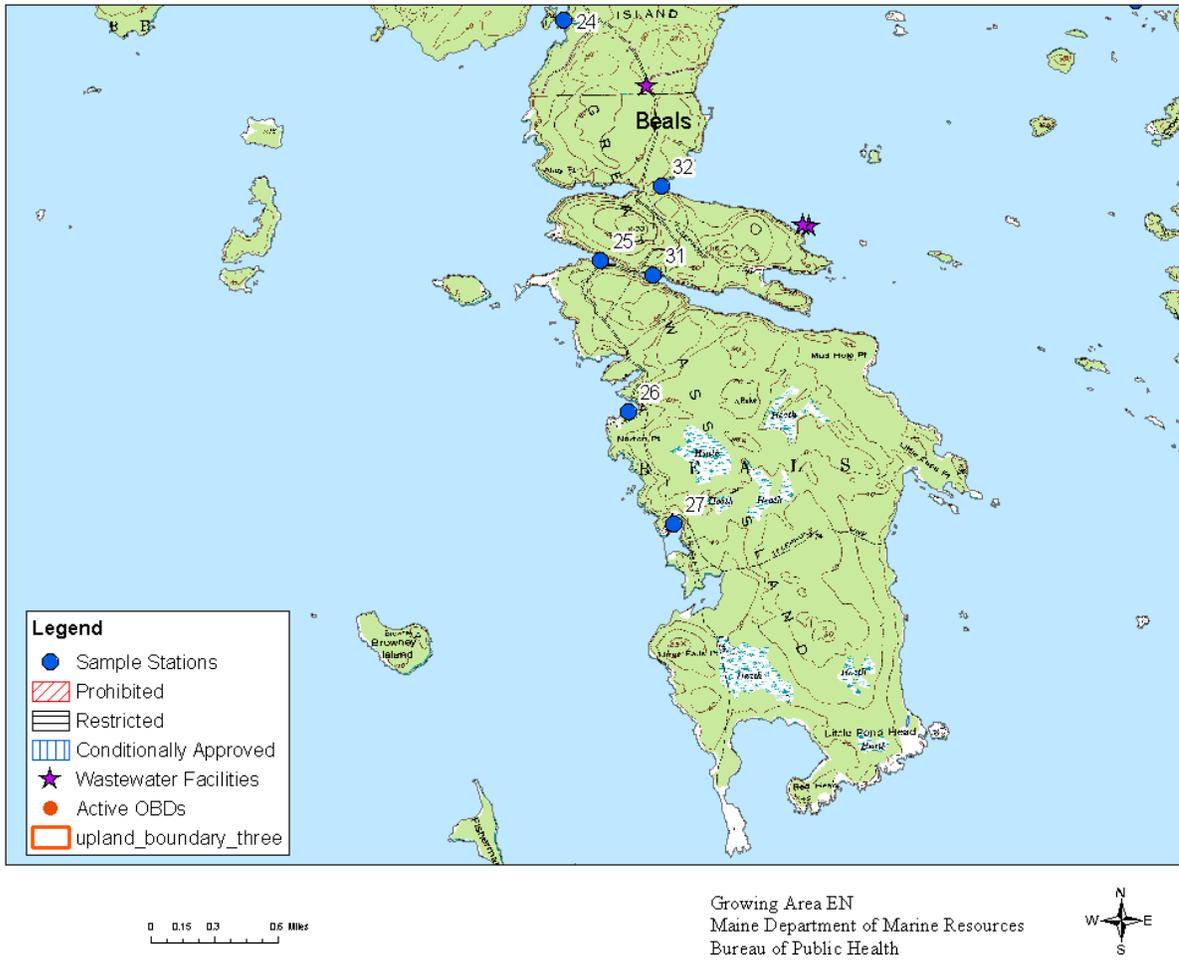




Figure 6. Growing Area EN, Section E, with Active Water Stations





Executive Summary

This is an annual report for growing area EN written in compliance with the requirements of the 2009 Model Ordinance and the National Shellfish Sanitation Program.

At the end of the 2010 review year, water quality in the growing area supported current classifications under the NSSP criteria with the exception of station EN 27. A regulation change after this annual review period included the reclassification of Station Harbor, Great Wass Island, Beals, from approved to restricted due to declining water quality. No pollution sources have been identified impacting the Station Harbor area. A second potential pollution source on the Basin Road, Addison, was reported to the local codes enforcement officer and is presently being investigated. The area is classified restricted. No pollution sources or area streams were sampled during this review period. The West-Indian Rivers conditionally approved area meets its classification standard and was sampled the required number of times during the open status period of 2010. All approved stations were sampled six times. There were no new stations created; no stations were deactivated; and one station was reclassified from approved to restricted due to water quality not meeting approved standards. There are no sample stations in danger of downward classification at this time. Overall, 2010 water quality has remained constant. There are no upward classification changes recommended.

The next triennial report is due in 2012; the next sanitary survey report is due in 2018.

Growing Area Description

Growing area EN is bounded on the west by Cape Split (Addison) and Henry Point (Jonesport) on the east and includes Beals, Great Wass and Head Harbor Islands. The growing area encompasses 77 square miles. The area is bounded upland by the towns of Addison and Jonesport and includes the island community of Beals. Closures are presently based on a process water discharge and a cluster of residential licensed overboard discharges in Jonesport. Indian River is classified as conditionally approved based on season, due to poor water quality during the summer months. Jonesport village shores continue to exhibit poor water quality due to the presence of older, in-ground septic systems and licensed overboard discharge systems.

There are no wastewater treatment facilities within the boundary of the growing area. The town of Jonesport has been working with the Maine DEP to build a non-discharging wastewater treatment plant to replace private systems in the village area of town. No actual plant design has been approved. There are no marine pump-out stations in the growing area. Shellfish wet storage rafts are located in Eastern Harbor, Addison and Moosabec Reach, Beals. A mussel aquaculture site is located at the eastern end of Moosabec Reach. There are finfish aquaculture sites on the eastern side of Beals and Great Wass Islands. These wet storage and aquaculture sites are all located in waters classified as approved. Workboat moorings are located in South Addison and along the length of Moosabec Reach, Jonesport. There is a nature conservation area on the southern tip of Great Wass Island. The area has hiking trails, but does not have camping or bathroom facilities. Jonesport Campground is a small commercial campground



located in Sawyers Cove, Jonesport, which caters to a limited number of recreational vehicles. Port-a-potties serve as the only septic facilities.

Current Classifications

At the end of the 2010 review year, shellfish growing area EN had areas classified as:

Approved: (28 stations) EN 0.5, 1.0, 3.0, 4.0, 5.0, 6.5, 13, 15, 16, 16.5, 17.6, 24, 25, 26, 31, 32, 38, 39, 43, 44, 45.5, 46.2, 46.5, 47.4, 47.6, 52, 53 and 54.

Conditionally Approved: Area 54B, (Part B), Indian and West Rivers (Addison-Jonesport); seasonal water quality does not meet approved standard year round, (5 stations) EN 6.9, 7.0, 9.0, 10 and 10.5; open status October 1 to April 30.

Restricted: Area 54B, (Part C), Indian and West Rivers (Addison-Jonesport); water quality does not meet approved standard due to the threat from intermittent non-point pollution from a suspect upland source reaching the estuary, (no stations)
Area 54, (Part D), Station Harbor, Great Wass Island (Beals), water quality does not meet approved standard, (1 stations) EN 27

Prohibited: Area 54, (Part A), Moosabec Reach (Jonesport), Licensed overboard discharges and water quality does not meet approved standard, (3 stations) EN 17, 46, 47
Area 54, (Part B), North End of Beals Island (Beals), water quality does not meet approved standard, (4 stations) EN 21, 23, 41, 42
Area 54, (Part C), Alley Bay-Pig Island Gut (Beals); water quality does not meet approved standard, (1 station) EN 35
Area 54B, (Part A), Indian and West Rivers (Addison-Jonesport); water quality does not meet approved standard, (1 station) EN 11

There are five newer stations in growing area EN (EN 1.6, 20, 22, 23.5, 37). These stations have less than 30 data points and were not evaluated against a classification standard.

Please visit the DMR website to view legal notices:

http://www.maine.gov/dmr/rm/public_health/closures/closedarea.htm#

Activity during Review Period

There were no classification changes in growing area EN in 2010.

Conditionally Managed Area

Conditionally Approved Area- 54 (Part B), Indian and West Rivers is based on seasonal water quality. The area is a seasonal conditionally approved area requiring six (6) samples during the open status. Compliance is based on water quality meeting Approved criteria during the open



status at stations EN 6.9, 7, 9, 10, and 10.5 from October 1 thru April 30. Monitoring stations met conditionally approved criteria during the 2010 open status period. A more detailed report is in Appendix A. The current management plan was last updated in 2009. A management plan for this conditional area can be found in DMR's central files.

Water Quality Review and Discussion

Table 1 lists all active approved restricted and prohibited stations in Growing Area EN, with their respective Geomean and P90 calculations for 2010. Please refer to Appendix B for a key to interpreting the headers on the columns of Table 1. The approved and restricted standards for each station are also displayed in Table 1. These standards will fluctuate yearly as a result of the DMR transition from a most probable number (MPN) fecal coliform test method to a membrane filtration (MF) method and are dependent on the number of sample analyzed by MPN versus MF. The total number of data points used in the calculations is displayed in the Count column and includes both MPN and MF values. The number of data points analyzed by MF is displayed in the MFCNT column. This fluctuating standard will cease when all 30 data points have been analyzed by the MF method. A more detailed explanation of this transition can be found in DMR central files.

With the exception of station EN 27, all approved and restricted stations met their respective NSSP classification during the 2010 review year. Station EN27 no longer met its approved classification at the end of 2010. Review of the water testing data showed elevated fecal coliform scores in July and October. A downward reclassification from approved to restricted was promulgated on January 6, 2011.

Table 1. Geomean and P90 Scores, Growing Area EN

Station	Class	Count	MFCCount	GM	SDV	MAX	P90	Appd_Std	Restr_Std
EN000.50	A	30	26	3.1	0.5	620	14.1	32	176
EN001.00	A	30	26	2.5	0.21	12	4.9	32	176
EN001.60	New	12	12	1.9	0	2	1.9	31	163
EN003.00	A	30	26	2.5	0.27	42	5.6	32	176
EN004.00	A	30	26	3	0.37	64	9.2	32	176
EN005.00	A	30	26	3.2	0.47	320	13	32	176
EN006.50	A	30	30	3.3	0.54	520	16.4	31	163
EN011.00	P	30	27	20.8	0.68	1100	158.3	32	173
EN013.00	A	30	30	2.6	0.29	22	6.2	31	163
EN015.00	A	30	26	3.3	0.59	360	19.2	32	176
EN016.00	A	30	26	2.9	0.4	108	9.4	32	176
EN016.50	A	30	27	2	0.07	4	2.5	32	173
EN017.00	P	30	26	3.2	0.54	1100	16.2	32	176
EN017.60	A	30	26	2.1	0.12	6	3.1	32	176
EN019.40	P	30	26	2.1	0.19	20	3.8	32	176
EN020.00	New	27	27	2.2	0.24	32.7	4.6	31	163
EN021.00	P	30	26	2.2	0.17	8	3.8	32	176



Station	Class	Count	MFCCount	GM	SDV	MAX	P90	Appd_Std	Restr_Std
EN022.00	New-boundary	29	24	2.6	0.34	68	7.4	33	181
EN023.00	P	30	27	3.9	0.46	93	15.2	32	173
EN023.50	New-boundary	24	24	3	0.33	22	8.3	31	163
EN024.00	A	30	26	3.2	0.43	74	11.8	32	176
EN025.00	A	30	26	3.2	0.39	44	10.5	32	176
EN026.00	A	30	26	2.9	0.42	70	10.2	32	176
EN027.00	A	30	26	5.7	0.76	1100	54.5	32	176
EN031.00	A	30	27	3.5	0.47	118	14	32	173
EN032.00	A	30	26	2	0.09	4	2.7	32	176
EN035.00	P	30	26	4.6	0.66	1200	33.5	32	176
EN037.00	New-boundary	19	19	4.2	0.52	33	20.1	30	163
EN038.00	A-boundary	30	26	3.3	0.57	1700	18	32	176
EN039.00	A	30	27	2.8	0.35	24	7.9	32	173
EN041.00	P	30	27	3.3	0.45	42	12.9	32	173
EN042.00	P	30	26	3.5	0.5	160	15.6	32	176
EN043.00	A	30	26	3.5	0.4	43	11.5	32	176
EN044.00	A	30	26	2	0.06	2.9	2.4	32	176
EN045.50	A	30	26	2	0.06	2.9	2.4	32	176
EN046.00	P	30	29	15.9	0.93	1700	253.1	31	166
EN046.20	A	30	26	2	0.06	2.9	2.4	32	176
EN046.50	A	30	26	2.1	0.1	4	3	32	176
EN047.00	P	30	28	26	0.82	1260	297.2	31	169
EN047.40	A	30	26	2.3	0.16	6	3.8	32	176
EN047.60	A	30	26	2.2	0.16	8	3.6	32	176
EN052.00	A	30	26	2	0.06	2.9	2.4	32	176
EN053.00	A	30	26	2.1	0.16	14	3.5	32	176
EN054.00	A	30	26	2	0.08	4	2.6	32	176

Table 2 lists all conditionally approved stations in the West-Indian Rivers seasonal conditionally approved area with their respective Geomean and P90 calculations for 2010. Data for conditionally approved stations reflects only the open status. All stations met the approved standard during open status.

Table 2. West-Indian Rivers Conditional Area, Open Status

Station	Class	Count	MFCCount	GM	SDV	MAX	P90	Appd_Std	Restr_Std
EN006.90	CA	30	27	4.1	0.58	260	22.6	32	173
EN007.00	CA	30	27	3.5	0.33	20	9.5	32	173
EN009.00	CA	30	26	2.8	0.31	33	7.3	32	176



Station	Class	Count	MFCOUNT	GM	SDV	MAX	P90	Appd_Std	Restr_Std
EN010.00	CA	30	27	3	0.34	38	8.4	32	173
EN010.50	CA	30	24	3	0.36	43	9.1	33	184

All approved, restricted and prohibited stations that were active at the beginning of 2010 were sampled at least 6 times following the systematic random sampling (SRS) schedule (Table 3). At stations EN 1 and EN 6.5, extra samples were collected to more closely monitor two approved areas after rainfall. EN 1.6 was sampled as a reopening boundary station during a flood closure. The West-Indian Rivers conditionally approved stations were sampled monthly, 7 of those times in the open status. Stations EN 6.5 and EN 13 are conditionally approved area 54-B boundary stations and were also sampled monthly.

Table 3. Area EN Samples Collected in 2010

Station	Class	Adverse		Random		Total	Comments
		Closed	Open	Closed	Open		
EN000.50	A				6	6	
EN001.00	A	20	2		6	28	Flood station; Adverse Open samples targeted for rainfall
EN001.60	A	1			6	7	Flood sampled as a reopening boundary station
EN003.00	A				6	6	
EN004.00	A				6	6	
EN005.00	A				6	6	
EN006.50	A	13	2		12	27	Flood station; Adverse Open samples targeted for rainfall
EN006.90	CA			5	7	12	
EN007.00	CA			5	7	12	
EN009.00	CA			5	7	12	
EN010.00	CA	11		5	7	23	Flood station
EN010.50	CA			5	7	12	
EN011.00	P			6		6	
EN013.00	A				12	12	
EN015.00	A				6	6	
EN016.00	A				6	6	
EN016.50	A				6	6	
EN017.00	P			6		6	
EN017.60	A				6	6	
EN019.40	P			6		6	
EN020.00	P			6		6	
EN021.00	P			6		6	
EN022.00	A				6	6	
EN023.00	P			6		6	
EN023.50	A				6	6	
EN024.00	A				6	6	
EN025.00	A				6	6	



Station	Class	Adverse		Random		Total	Comments
		Closed	Open	Closed	Open		
EN026.00	A				6	6	
EN027.00	A				6	6	
EN031.00	A				6	6	
EN032.00	A				6	6	
EN035.00	P			6		6	
EN037.00	A				6	6	
EN038.00	A				6	6	
EN039.00	A				6	6	
EN041.00	P			6		6	
EN042.00	P			6		6	
EN043.00	A				6	6	
EN044.00	A				6	6	
EN045.50	A				6	6	
EN046.00	P			6		6	
EN046.20	A				6	6	
EN046.50	A				6	6	
EN047.00	P			6		6	
EN047.40	A				6	6	
EN047.60	A				6	6	
EN052.00	A				6	6	
EN053.00	A				6	6	
EN054.00	A				6	6	

Figures 7, 8, 9 and 10 show P90 trends of the approved, conditionally approved and prohibited sample stations in the growing area, over the past three review years. Station P90 scores are expressed as percents of the approved standard. Conditionally approved values are during the open status only. Overall, 2010 water quality has improved or remained level compared with 2008-2009 percentages. Exceptions have been increases in percentages, indicating declining water quality over the previous two years, at approved stations EN 0.5, EN 15 and EN 27. Station EN 27 has exceeded the approved standard and was reclassified from approved to restricted January 6, 2011. Elevated scores were limited to July and October and no pollution source has been identified to date. Additional surveying in the area during the July-October period is necessary to identify the pollution source. No cause for the declining water quality at EN 0.5 and EN 15 has been identified. Conditionally approved stations EN 7, 9, 10 and 10.5 have all shown constant percentages of the approved standard indicating unchanged water quality; however EN 6.9 has increased by approximately 20 percentage points from the previous two years with no known pollution source. Stations that are classified as approved or conditionally approved in the open status and show P90 trends over 90%, are at risk of downward classification and require further assessment. No sample stations in the growing area are at risk at this time. Prohibited stations En 17 and 19.4, located in Closure Area 54 (part A) Moosabec Reach (Jonesport), meet the approved standards but must remain classified as prohibited due to the proximity to licensed OBDs.



Figure 7. Area EN P90 Trends for Approved Stations (expressed as the percent of the approved standard), 2008-2010

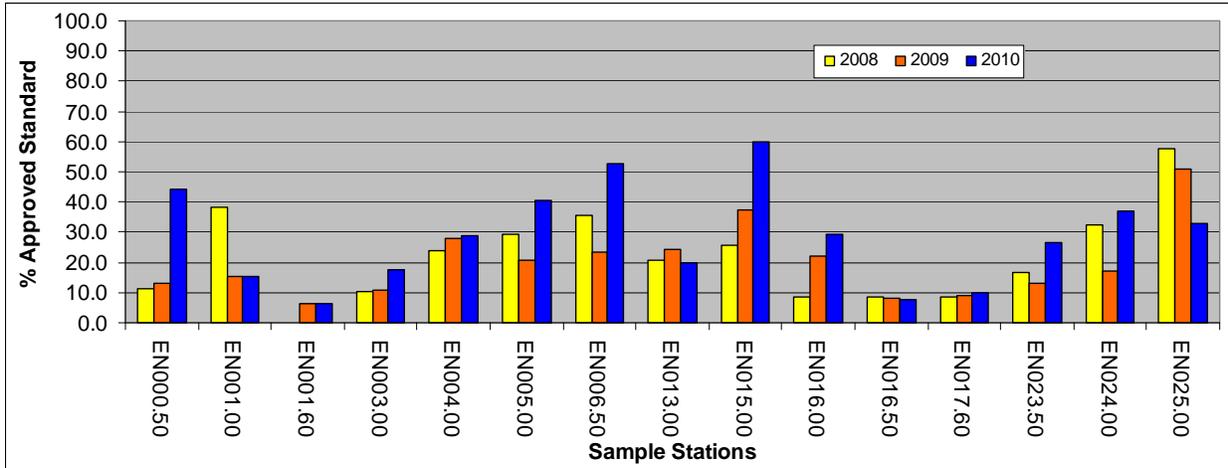


Figure 8. Area EN P90 Trends for Approved Stations (expressed as the percent of the approved standard), 2008-2010

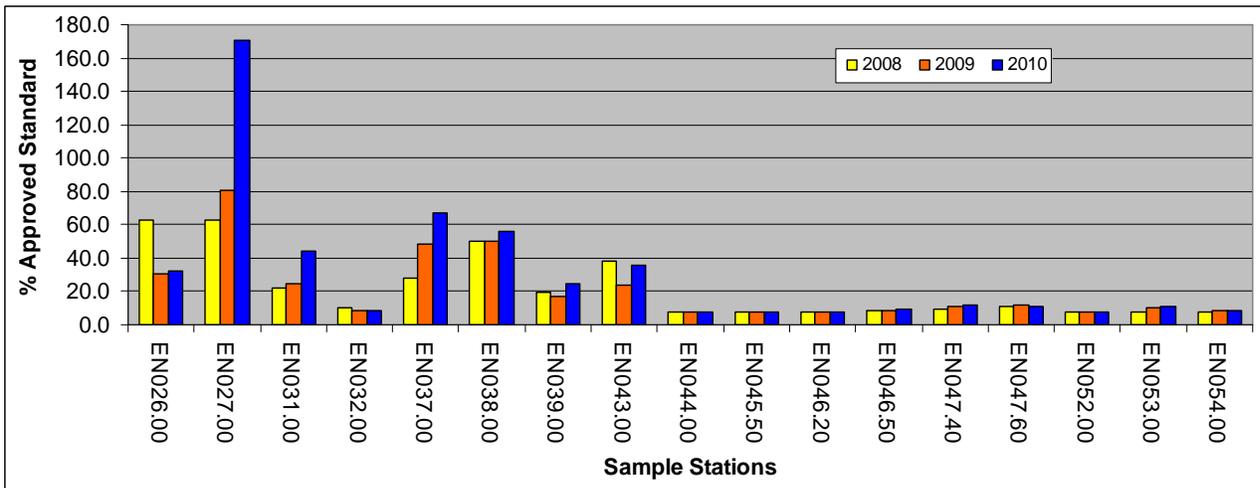




Figure 9. Area EN P90 Trends for Conditionally Approved Stations (expressed as the percent of the approved standard), Open Status Data, 2008-2010

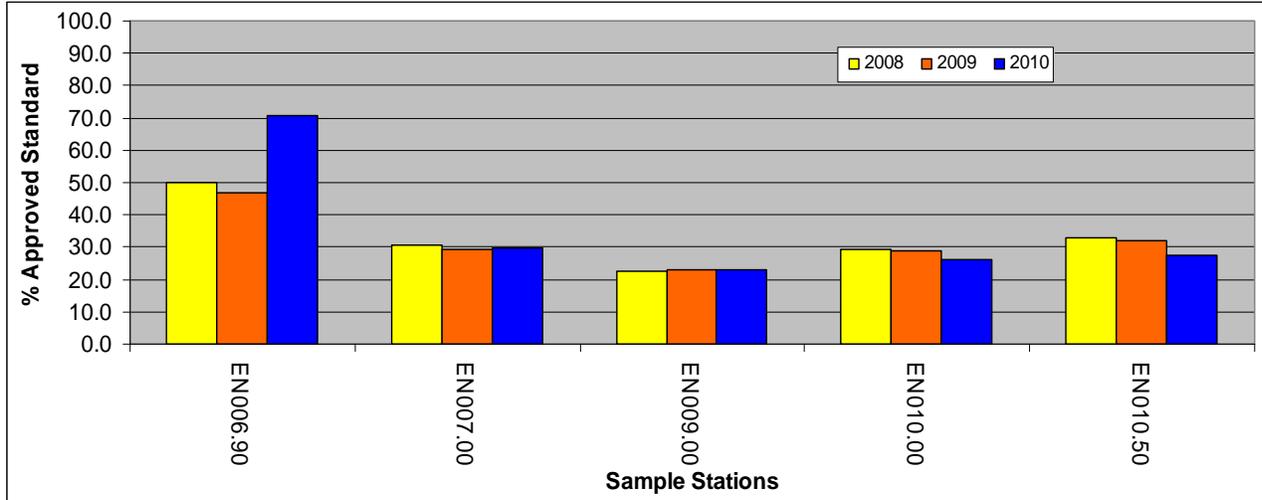
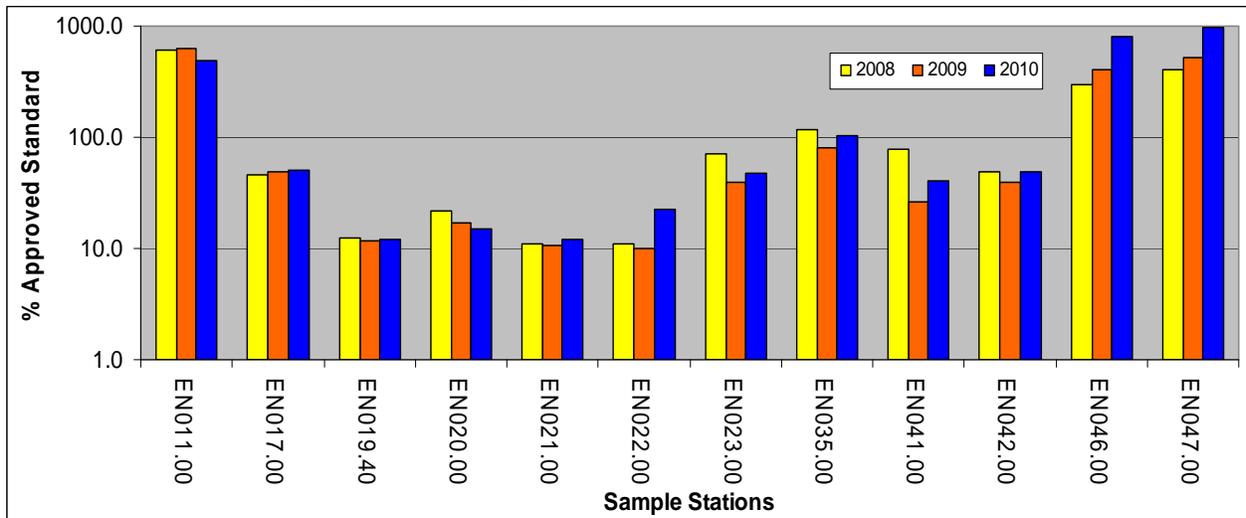


Figure 10. Area EN P90 Trends for Prohibited Stations (expressed as the percent of the approved standard, logarithmic scale), 2008-2010



Upward Classification Changes

There are no upward reclassification changes recommended at this time.



Shoreline Survey Activity

December 20, 2010; EN 27 no longer met approved standards but does meet restricted classification. A 2006 shoreline survey did not identify any pollution sources and no pollution sources were observed in the area during the routine six random samplings in 2010. Elevated scores occurred between May-October and after 0.02-0.7" rainfall (Reclassified approved to restricted January 6, 2011). The area will be re-surveyed in 2011.

December 29, 2010; West River, Addison- reported septic overflow at Basin Road house. There is a question of an overflow to ditch which might be flowing under the Basin Road to the shore. The problem was reported to the local code officer who has interviewed homeowner and is following up with the Addison town office as to the status of the septic system. Plans are to survey property after snowmelt in the spring 2011. The area is presently classified as restricted.

Drive through surveys in 2010 of area EN included the Indian River conditionally approved area on February 7, April 6, May 4, July 7 and December 7; South Addison on March 24, March 29 and June 23; and Jonesport and Beals Island on March 22.

Aquaculture/Wet Storage Activity

The wet storage sites in this growing area are usually anchored rafts or tanks with circulating water systems used to purge mud from mussels, quahogs or clams. Raft wet storage sites are in Eastern Harbor, South Addison and near French House Island, Beals. They are all in areas that meet approved classification. Two land-based wet storage sites are on the Jonesport waterfront and inland on Great Wass Island, Beals respectively. These sites pump water from areas meeting approved classification directly or truck water from the approved areas to the processing facility. Applications are submitted annually from the site owners and review and approval of the site location is required by the DMR (Table 4).

Table 4. EN Wet Storage Sites

Dealer Name	Certification #	Permit #	Location	Date Expires
Atlantic Shellfish	Me 150 SS	2010-WS02	Float in Moosabec Reach at: 44 31 20 N/67 35 48 W	July 31, 2011
Beals Lobster Co Inc	ME 313 SS	2010-WS17	Floats in Moosabec Reach: 44 31.43N/ 67 36.29W	July 31, 2011
Carver Shellfish	ME 60 SP	2010-WS03	Onshore recirculation system at facility	July 31, 2011
CNW Seafood	ME 286 SS	2010-WS06	Raft in Otter Cove, South Addison at: 44 30 10.4 N/67 43 39.6 W	July 31, 2011
CNW Seafood	ME 286 SS	2010-WS07	Raft in Otter Cove, South Addison at: 44 30 10.6 N/ 67 43 37.6 W	July 31, 2011
Moosabec Mussels Inc	ME 310 SS	2010-WS19	Flow-through system at facility using xatics	July 31, 2011



Aquaculture sites are rafts with mussels or finfish pens and licensed for a specific period of time by the DMR. Wet storage and aquaculture sites with their licensed species, locations, area classification and permit expiration date are listed with more details on the aquaculture sites can be found at: <http://www.maine.gov/dmr/aquaculture/leaseinventory/jonesport.htm>.

Recommendation for Future Work

1. Determine if the reported septic overflow is present on Basin Road.
2. Re-survey Station Harbor, Great Wass for pollution source.

References

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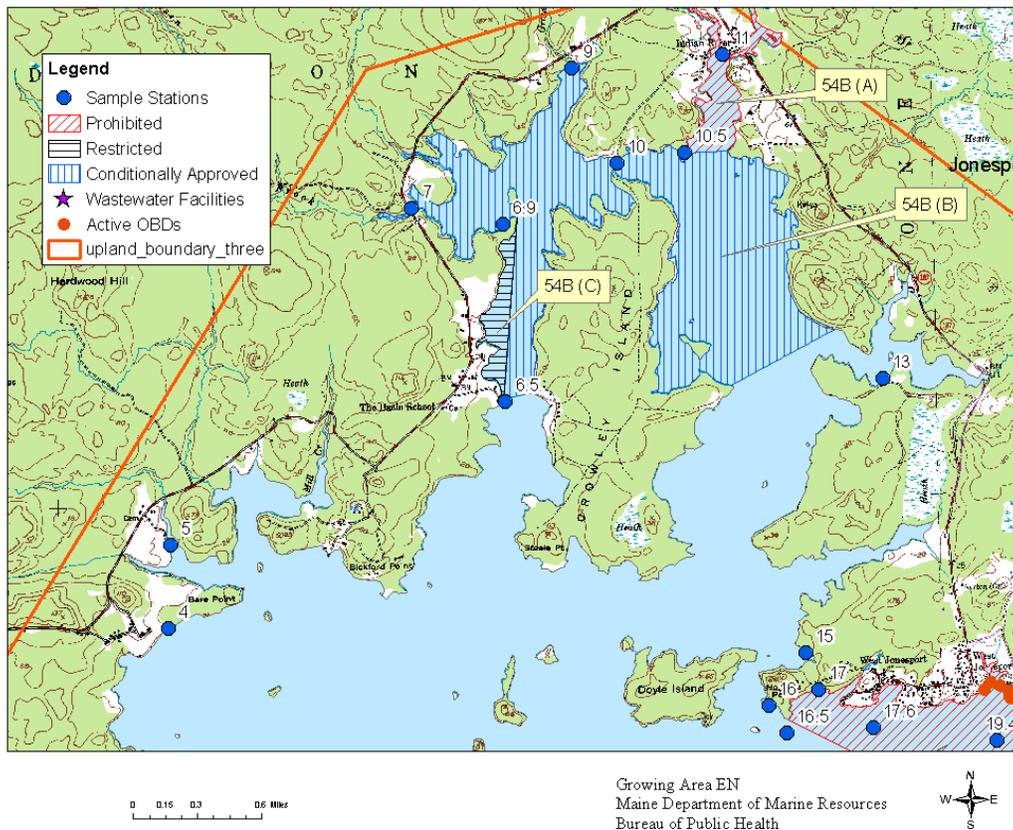


Appendix A. Annual Review of Conditional Area Management Plan Area No. 54-B

Area No. 54-B (Part B)- Indian and West Rivers (Addison-Jonesport)

Scope

Area No. 54-B (part B), Indian and West Rivers, is a seasonal conditionally approved area based on water quality meeting approved standards from October 1 thru April 30. The area requires six (6) samples during the open status. Monitoring sample stations are EN 6.9, 7, 9, 10 and 10.5. Stations EN 6.5 and ET 13 are boundary stations. A more detailed description and map of the area is discussed in the management plan.



Compliance with management plan

The area was re-opened allowing conditional harvesting from October 1 thru April 30 on its reopening date. Samples were collected from each of the water quality monitoring stations during the open status on January 5, February 2, March 23, April 6, October 5, November 2 and December 7. Water quality meets the standard for approved classification during the open status.



Adequacy of reporting and cooperation of involved persons

The management plan for this conditional area does not require reporting by non DMR staff, but does require a data analysis prior to the reopening of the seasonal conditional area. Data analysis on September 23, 2010 showed all the conditionally approved sample stations meeting approved criteria (Table 1); therefore supporting the re-opening of the conditional area on October 1.

Table 1. Indian and West Rivers Re-opening Data

Station	Class	Count	MFCCount	GM	SDV	MAX	P90	Appd_Std	Restr_Std
EN006.90	CA	29	24	3.6	0.47	88	14.7	33	181
EN007.00	CA	30	24	3.6	0.35	43	10.3	33	184
EN009.00	CA	30	23	3.1	0.32	33	8	34	187
EN010.00	CA	30	24	3.4	0.37	38	10.5	33	184
EN010.50	CA- boundary	27	21	3	0.37	43	9.3	34	186

Compliance with conditionally approved growing area criteria

The sample stations (EN 6.9, 7, 9, 10, 10.5) met the approved standard when in the open status of the conditionally approved classification. An historical water sampling review supports the present classification. Table 2 lists the latest 30 sample P90 scores of all the samples between the dates of October 1 thru April 30.

Table 2. Indian and West Rivers during the Conditionally Approved OPEN Status

Station	Class	Count	MFCCount	GM	SDV	MAX	P90	Appd_Std	Restr_Std
EN006.90	CA	30	27	4.1	0.58	260	22.6	32	173
EN007.00	CA	30	27	3.5	0.33	20	9.5	32	173
EN009.00	CA	30	26	2.8	0.31	33	7.3	32	176
EN010.00	CA	30	27	3	0.34	38	8.4	32	173
EN010.50	CA	30	24	3	0.36	43	9.1	33	184

Field inspection of critical pollution sources

The potential for pollution in the Indian-West Rivers area comes from poor water quality from May 1 to September 30 due to non-point pollution.

Water sampling compliance history

Due to the conditional management plan being based on the absence of seasonal pollution for certain times of the year, the NSSP does not require monthly water samples when the growing area is in the open status of its conditional classification provided that at least six of the water samples collected to satisfy the bacteriological standard for the open status are collected when the growing area is in the open status. The Indian-West Rivers conditionally approved stations were sampled seven times in the open status and five times in the closed status.



Table 3. Stations EN 6.9, 7, 9, 10 and 10.5 2010 Data

Station	Date	Status	Class	Tide	Temp	Adversity	Salinity	Wind	Col Score
EN006.90	2/2/10	O	CA	H	-1	O	30	NW	<2
EN006.90	3/23/10	O	CA	F	5	P	30	NE	18
EN006.90	4/6/10	O	CA	F	9	O	29	SW	<2
EN006.90	10/5/10	O	CA	H	11	P	30	N	260
EN006.90	11/2/10	O	CA	E	7	P	28	N	<2
EN006.90	12/7/10	O	CA	E	2	T	25	W	<2
EN006.90	1/5/10	O	CA	HE	-1	O	28	N	<2
EN007.00	1/5/10	O	CA	HE	0	O	29	N	7.3
EN007.00	12/7/10	O	CA	E	3	T	15	CL	<2
EN007.00	11/2/10	O	CA	E	8	P	25	N	6
EN007.00	10/5/10	O	CA	H	12	P	5	N	20
EN007.00	4/6/10	O	CA	F	11	O	24	SW	<2
EN007.00	2/2/10	O	CA	H	-1	O	2	NW	<2
EN007.00	3/23/10	O	CA	F	4	P	2	NE	6
EN009.00	10/5/10	O	CA	H	12	P	30	N	<2
EN009.00	1/5/10	O	CA	HE	-1	O	32	N	<2
EN009.00	2/2/10	O	CA	H	-1	O	20	NW	<2
EN009.00	3/23/10	O	CA	F	5	P	30	NE	4
EN009.00	11/2/10	O	CA	E	6	P	31	N	<2
EN009.00	12/7/10	O	CA	E	2	T	24	W	<2
EN009.00	4/6/10	O	CA	F	12	O	25	SW	<2
EN010.00	10/5/10	O	CA	H	11	P	30	N	6
EN010.00	11/2/10	O	CA	E	8	P	30	CL	<2
EN010.00	4/6/10	O	CA	F	12	O	24	SW	<2
EN010.00	3/23/10	O	CA	F	5	P	25	NE	5.5
EN010.00	2/2/10	O	CA	H	0	O	30	NW	<2
EN010.00	1/5/10	O	CA	HE	-1	O	31	N	<2
EN010.00	12/7/10	O	CA	E	3	T	30	W	<2
EN010.50	12/7/10	O	CA	E	2	T	28	CL	<2
EN010.50	2/2/10	O	CA	H	0	O	28	NW	<2
EN010.50	2/17/10	O	CA	HE	3	O	30	N	<2
EN010.50	3/23/10	O	CA	F	4	P	18	NE	2
EN010.50	4/6/10	O	CA	F	10	O	28	SW	<2
EN010.50	10/5/10	O	CA	H	11	P	29	N	8
EN010.50	11/2/10	O	CA	E	6	P	30	CL	<2

Analysis-recommendations

It is DMR policy to review water quality prior to reopening a seasonal area to ensure compliance



with approved standards. The area will continue to be sampled on a monthly basis to increase the number of data points. An historical water sampling review supports the present classification. Water quality meets the standard for approved classification during the open status of October 1 to April 30. No changes are recommended at this time.



Appendix B. Key to Water Quality Table Headers

Station = water quality monitoring station

Class = classification assigned to the station; prohibited (P), restricted (R), conditionally restricted (CR), conditionally approved (CA) and approved (A).

Count = the number of samples evaluated for classification, must be a minimum of 30.

MFCNT = the number of samples evaluated with the MTec method (included in the total Count column)

Geo_Mean = means the antilog (base 10) of the arithmetic mean of the sample result logarithm (base 10).

SDV = standard deviation

Max = maximum score of the 30 data points in the count column

P90 = 90th percentile

APPD_STD = the 90th percentile, at or below which the station would meet approved criteria in the absence of pollution sources or poisonous and deleterious substances.

RESTR_STD = the 90th percentile, at or below which the station would meet restricted criteria.