MEMO

| From: | Bud Brown, President, ECO-ANALYSTS, INC. |
|-------|--|
| То: | Peter Tischbein, Project Manager, USACOE |
| cc: | Edwin "Bill" Morong, Yachting Solutions Bill Morong, Yachting Solutions Matt Ripley, Harbormaster City of Rockland Kirby Marshall, Applied Technology & Management Justin Davis, Applied Technology & Management Mike Sabatini, Landmark Corporation Surveyors & Engineers Gary Neville, Prock Marine Company Tim Forrester, Atlantic Environmental, LLC. |
| Date: | February 9, 2018 |
| RE: | Request for a Sample Analysis Plan for Yachting Solutions and the City of |

Rockland in Rockland Harbor in Rockland, Maine.

Good Afternoon Pete,

On behalf of my Client Yachting Solutions in the City of Rockland, Maine, I am submitting this request for a Sample Analysis Plan (SAP) for their proposed expansion in Rockland Harbor. The request also includes portions of the harbor where the City of Rockland is proposing to redevelop and reconfigure their waterfront. The total area is $\pm 599,195$ sq. ft. (± 13.76 acres).

The proposed dredging will be to three depths to provide various types of access and dockage. The following listing defines and describes each depth. In all cases there will be a one foot overdig.

- 1. -15 Feet. This depth corresponds to that of the Federal Channel. Dreding to this depth will allow large yachts to tie up at all tides on portions of both the Yachting Solutions Marina and the proposed reconfigured City of Rockland Piers and Floats. It will also enhance navigation for the smaller Cruise Ship which utilizes the existing City facility. Finally there will be a working area adjacent to the existing Yachting Solutions Pier where masts and other materials can be offloaded from deep draft vessels at all tides.
- 2. -10 Feet. These areas will provide dockage for larger watercraft, both full season and transient, at both the Yachting Solutions and the City of Rockland facilities.



3. -5 Feet. These areas will provide dockage for Dinghies as well as smaller transient watercraft.

The proposed dredging, with a 25% Bulking Factor, that will result in approximately $\pm 162,655$ cubic yards of material. We are looking to Offshore Disposal at the Rockland Disposal Site (RDS). The attached SAP Documents, some of which are updates from the Rockland Fish Pier SAP request, include the following:

- 1. Location Map
- 2. Full Size Plan View
- 3. Typical Cross Section
- 4. Dredge Area Calculations
- 5. -5 Foot Dredge Volume Calculations
- 6. -10 Foot Dredge Volume Calculations
- 7. -15 Foot Dredge Volume Calculations
- 8. Dredging Summary Table
- 9. Location Map of Potential Discharge Sites
- 10. Photographs of Additional Sites
- 11. Original DEP Spill Reports
- 12. Updated Spill Reports.
- 13. Roy Krout email

You will see in Exhibit 12. that there are no entries for 2017. I contacted Roy Krout at the Division of Responses at the Maine DEP and he reported to me that those data have not been incorporated into their database. His contact info is within the email. Mr. Krout and I discussed the *Draft* 2017 Spill Reports and only two small sheens were reported in the Harbor with none in adjacent upland areas. We did not believe they were significant.

Thanks in advance for your help. Please let me know if you need further information.



Location Map for Yachting Solutions and Rockland Harbor in Rockland, Maine.



Directions: From Route 1, travel east to the intersection of Route 1 and Route 73. Turn right and continue for 700 feet. Turn left onto Water Street. At the end of Water Street, turn left onto Ocean Street. Subject area will be on your left.







| Depth | | | | |
|------------|-----------------|------------------|------------------|-------------------|
| Contour | Dredge Depth -5 | Dredge Depth -10 | Dredge Depth -15 | Total Area |
| (ft @ MLW) | Area (sq. ft.) | Area (sq. ft.) | Area (sq. ft.) | (sq. ft.) |
| 0 to -1 | 1,488 | 1,106 | 0 | 2,594 |
| -1 to -2 | 14,342 | 6,407 | 181 | 20,930 |
| -2 to -3 | 16,140 | 16,202 | 357 | 32,699 |
| -3 to -4 | 7,719 | 29,651 | 1,212 | 38,582 |
| -4 to -5 | | 38,653 | 2,200 | 40,853 |
| -5 to -6 | | 43,418 | 9,512 | 52,930 |
| -6 to -7 | | 41,566 | 14,648 | 56,214 |
| -7 to -8 | | 20,913 | 50,678 | 71,591 |
| -8 to -9 | | 19,644 | 97,390 | 117,034 |
| -9 to -10 | | 2,197 | 101,440 | 103,637 |
| -10 to -11 | | | 15,579 | 15,579 |
| -11 to -12 | | | 16,888 | 16,888 |
| -12 to -13 | | | 33,470 | 33,470 |
| -13 to -14 | | | 16,888 | 16,888 |
| -14 to -15 | | | 22,853 | 22,853 |
| Subtotal | 39,689 | 219,757 | 383,296 | 642,742 |
| | | | Acres | 14.76 |

 Table X. Area Calculations for the Three Dredge Depths Proposed for Rockland Harbor

 in the Area From the Yachting Solutions Marina Basin to the Lands End Marina.



Cumulative Rockland Harbor Dredge Volume Calculations to -5 feet MLW + 1 Foot Overdig Depth

| Contour | Area | 0 40 1 | 1 40 9 | 2 40 3 | 3 40 | 140 6 | Layer | /olume | Volume | |
|----------|----------|---------|----------|--------|-------|----------|-------------|-----------|-------------|---|
| (nr) | (nr .he) | T- 01 0 | 7- 01 T- | C-017- | OI C- | 0- 01 t- | (-11 - 11-) | (cu. yus. | (.eu, yus.) | |
| 0 to -1 | 1,079 | 540 | | | | | 540 | 20 | 20 | - |
| -1 to -2 | 14,114 | 1,079 | 7,057 | | | | 8,136 | 301 | 321 | |
| -2 to -3 | 16,104 | 1,079 | 14,114 | 8,052 | | | 23,245 | 861 | 1,182 | |
| -3 to -4 | 4,781 | 1,079 | 14,114 | 16,104 | 2,391 | | 33,688 | 1,248 | 2,430 | |
| -4 to -5 | 0 | 1,079 | 14,114 | 16,104 | 4,781 | 0 | | 0 | 2,430 | |
| | | | | | | | | | | |
| overdig | 36,078 | | | | | | 36,078 | 1,336 | 3,766 | |

| Total Area (sq. ft.) | 36,078 |
|------------------------|--------|
| Volume (cu. yd.) | 3,766 |
| 25% Bulking (cu. yd.) | 942 |
| Total Volume (cu. yd.) | 4,708 |

Rockland Harbor Dredge Volume Calculations to -10 feet + 1 foot Overdig

Cumulative Volume (cu. yds.) 16,122 35,627 1,704 3,358 6,285 10,641 22,354 28,950 178 742 20 (cu. yds. Layer Volume ,654 2,927 4,356 6,232 158 5,481 6,596 6,677 564 962 20 117,610 168,265 147,987 -8 to -9 -9 to -10 (cu. ft.) 44,648 79,030 180,284 25,975 178,087 15,222 4,262 553 19,644 9,822 20,913 10,457 20,913 -7 to -8 39,840 39,840 39,840 19,920 -6 to -7 37,320 37,320 18,660 37,320 37,320 -5 to -6 31,445 31,445 31,445 15,723 31,445 31,445 -3 to -4 5,900 5,900 2,950 5,900 5,900 5,900 5.900 -2 to -3 15,607 15,607 5,607 15,607 15,607 15,607 15,607 7,804 -1 to -2 6,312 6,312 6,312 6,312 3,156 6,312 6,312 6,312 6,312 180,284 0 to -1 1,106 1,106 1,106 1,106 1,106 1,106 1,106 1,106 1,106 553 180,284 (sq. ft.) 15,607 31,445 37,320 39,840 20,913 19,644 6,312 Area 1,106 5,900 2,197 -7 to -8 -8 to -9 overdig Contour -1 to -2 -4 to -5 - 6 to -7 -9 to -10 -2 to -3 -3 to -4 -5 to -6 Depth 0 to -1 (H)

Total Area (sq. ft.) 180,284 Volume (cu. yd.) 35,627 25% Bulking (cu. yd.) 8,907 Total Volume (cu. yd.) 44,533 Cumulative

Rockland Harbor Dredge Volume Calculations to -15 feet + 1 foot Overdig

(cu. yds.) Volume 16,355 26,922 50,193 38,091 63,220 90,731 1,257 3,235 7,954 76,552 487 165 17 59 0 3 -11 to -12 -12 to -13 -13 to -14 -14 to -15 (cu. ft.) (cu. yds. 10,568 11,169 12,102 382,833 14,179 13,027 13,333 Layer Volume 4,719 1,978 8,401 0/17 106 0 0 13 3 322 226,819 285,329 301,562 326,741 127,404 351,728 20,787 53,410 359,980 1,145 2,851 8,707 361 0 91 16,504 8,252 16,735 33,470 33,470 16,888 16,888 16,888 8,444 15,579 15,579 15,579 15,579 061.1 -1 to -2 -2 to -3 -3 to -4 -5 to -6 -6 to -7 -7 to -8 -8 to -9 -9 to -10 -10 to -11 101,440 101,440 101,440 101,440 101,440 50,720 97,390 97,390 97,390 97,390 97,390 48,695 97,390 50,598 50,598 50,598 50,598 50,598 50,598 25,299 50,598 14,648 14,648 14,648 14,648 14,648 14,648 14,648 14,648 7,324 9,512 9,512 9,512 9,512 9,512 9,512 9,512 9,512 9,512 4,756 2,200 1,100 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 1,212 1,212 1,212 1,212 1,212 1,212 1,212 1,212 1,212 1,212 1,212 606 357 357 357 357 357 357 357 357 357 357 357 179 357 182 182 182 182 182 182 182 182 182 182 182 82 91 0 to -1 0 0 0 C 0 382,833 101,440 (sq. ft.) 14,648 50,598 97,390 15,579 16,888 33,470 16,504 22,853 9,512 2,200 1,212 Area 357 182 -14 to -15 overdig -11 to -12 -12 to -13 -13 to -14 -9 to -10 -10 to -11 - 6 to -7 -8 to -9 -1 to -2 -2 to -3 -3 to -4 -4 to -5 -5 to -6 -7 to -8 0 to -1 Contour Depth (H)

Total Area (sq. ft.) 382,833

 Volume (cu. yd.)
 90,731

 25% Overdig (cu. yd.)
 22,683

 Total Volume (cu. yd.)
 113,414

ł



| | Ar | ea | Volume |
|----------------|-----------|---------|-----------|
| | (sq. ft.) | (acres) | (cu. yd.) |
| - 5 Foot Depth | 36,078 | 0.8 | 4,708 |
| -10 Foot Depth | 180,284 | 4.1 | 44,533 |
| -15 Foot Depth | 382,833 | 8.8 | 113,414 |
| | | | |

599,195

13.76

44

162,655

Totals

Summary of Dredge Area and Volumes in Rockland Harbor



Map of Discharge Sites Showing Sites 01 to 22 Previously Reported in The Rockland Fish Pier Request for a Sample Analysis Plan (SAP) Plus Three Additional Sites Identified in the Vicinity of the Yachting Solutions Marina Basin (YS-01 - YS-03).





Figure XX. Photographs of Additional Discharge Sites in Rockland Harbor in the General Vicinity of the Yachting Solutions Marina Basin.



Photograph YS-01. View of the Parking Lot Storm Drain at Location YS-01 in the General Vicinity of the Yachting Solutions Marina Basin. Photographer Bud Brown, ECO-ANALYSTS, INC. November 2, 2017.





Photograph YS-02. View of the Parking Lot Storm Drain at Location YS-02 in the General Vicinity of the Yachting Solutions Marina Basin. Photographer Bud Brown, ECO-ANALYSTS, INC. November 2, 2017.





Photograph YS-03 View of the Parking Lot Storm Drain at Location YS-03 in the General Vicinity of the Yachting Solutions Marina Basin. Photographer Bud Brown, ECO-ANALYSTS, INC. November 2, 2017.



ECO-ANALYSTS, INC. reviewed all Maine Department of Environmental Protection Spill Reports for the Town of Rockland during the period of May 1, 2005 to May 11, 2015. There are a total of two hundred and eighty-six (286) Reports and they are summarized in Table One. That effort identified 35 potential sources of contamination within the general vicinity of Rockland Harbor. Those spills are summarized in Table Two below.

Table One. Spill Reports in the Town of Rockland as Reported for the Period From May 1, 2005 to May 11, 2015 on the Maine Department of Environmental Protections Website: <u>http://www.maine.gov/dep/rwm/hoss/search.php?DL=GO</u>

| Spill Type | Total |
|---------------------------|-------|
| Above Ground Tanks | 108 |
| Underground Storage Tanks | 34 |
| Unknown/Unspecified | 0 |
| None | 144 |
| | |
| Total | 286 |

Table Two. Spill Report from Within the Rockland Harbor Watershed During the Period From May 1, 2005 to May 11, 2015 on the Maine Department of Environmental Protection Website <u>http://www.maine.gov/dep/rwm/hoss/search.php?DL=GO</u> Which Were Evaluated as Potential Sources of Contamination to the Harbor.

| No. | Report No. | Date | Location | Туре | Notes |
|-----|------------|---------------|----------------------|--------------|----------------------|
| 1 | A-178-2006 | March 31, | Rockland Fish | Diesel Spill | Unknown amount of |
| | | 2006 | Pier | in River | Diesel spill from |
| | | | | | unknown source |
| 2 | A-327-2006 | June 16, 2006 | Journey's End | Overfill of | Spill contained and |
| | | | Marina | Vessel | collected |
| 3 | A-442-2006 | August 2, | Journey's End | Overfill of | Spill contained and |
| | | 2006 | Marina | Vessel | collected |
| 4 | A-473-2006 | August 15, | Journey's End | Bilge | No recovery was |
| | | 2006 | Marina | Discharge | possible |
| 5 | A-572-2006 | October 6, | Rockland | Sheen in | No definite source |
| | | 2006 | Harbor | Harbor | found |
| 6 | A-637-2006 | November 8, | Rock Coast | AST | Unknown amount |
| | | 2006 | Sports | Overfill | reached the harbor |
| 7 | A-315-2007 | May 29, 2007 | Rockland | Sheen in | No definite source |
| | | | Harbor | Harbor | found |
| 8 | A-301-2007 | May 30, 2007 | USCG Abbie | Oil Spill in | No recovery was |
| | | | Burgess | River | possible |
| 9 | A-385-2007 | July 7, 2007 | Rockland | Outboard | Sheen visible but no |
| | | | Harbor | Motor spill | gas was recovered |
| | | | | | |
| | | | | | |



| 10 | A-481-2007 | August 16, | Charles | Oil Spill | Sorbent boom was |
|----|------------|---------------|---------------|--------------|----------------------|
| | | 2007 | Laring Vessel | from sunken | placed around vessel |
| | | | | boat | |
| 11 | A-494-2007 | August 25, | Rockland | Sheen in | No definite source |
| | | 2007 | Harbor | Harbor | |
| 12 | A-531-2007 | September 6, | Journeys End | Oil Spill | Sorbents were used |
| | | 2007 | Marina | from | to clean up spilled |
| | | | | refueling | fuel |
| 13 | A-754-2007 | December 17, | Rockland | Oil Spill | Sheen but no action |
| | | 2007 | Harbor | from sunken | required |
| | | | | boat | |
| 14 | A-361-2008 | May 31, 2008 | Rockland | Sheen in | No recovery |
| | | | Harbor | Harbor | possible |
| 15 | A-535-2008 | August 22, | Rockland | Sheen in | No definite source |
| | | 2008 | Harbor | Harbor | found |
| 16 | A-582-2008 | September | Rockland | Sheen in | No definite source |
| | | 13, 2008 | Harbor | Harbor | found |
| 17 | A-610-2008 | September | Rockland | Sheen in | No definite source |
| | | 30, 2008 | Harbor | Harbor | found |
| 18 | A-621-2008 | October 6, | Southside | Sheen in | No action required |
| | | 2008 | Boat Ramp | Harbor | |
| 19 | A-653-2008 | October 23, | US Coast | Oil Spill in | Sorbent pads were |
| | | 2008 | Guard Vessel | Harbor | used to clean up |
| | | | | | spill |
| 20 | A-337-2009 | June 13, 2009 | Rockland | Boat sinking | Small sheen but no |
| | | | Harbor | | response actions |
| | | | | | needed |
| 21 | A-510-2009 | August 17, | Rockland | Sheen in | No definite source |
| | | 2009 | Harbor | Harbor | found |
| 22 | A-342-2010 | June 20, 2010 | Rockland | Oil Spill in | Spill immediately |
| | | | Harbor | Penobscot | contained with |
| | | | | Bay | boom |
| 23 | A-674-2010 | November | Rockland | Sheen in | No definite source |
| | | 16, 2010 | Harbor | Harbor | found |
| 24 | A-634-2011 | September | FMC | Oil Incident | Sheen but no action |
| | | 21, 2011 | Corporation | | required |
| 25 | A-41-2011 | November 5, | Rockland | Boat sinking | Fuel recovered and |
| | | 2011 | Harbor | | no further action |
| | | | | | required |
| 26 | A-289-2012 | May 25, 2012 | Rockland | Sheen in | No definite source |
| | | | Harbor | Harbor | found |
| 27 | A-462-2012 | September 4, | Rockland | Sheen in | No definite source |
| | | 2012 | Harbor | Harbor | found |
| 28 | A-489-2012 | September | Rockland | Oil Spill in | Diesel spill from |
| | | 18, 2012 | Marine | Harbor | USS Jefferson |
| | | | | | |



| 20 | A 701 2012 | December 20 | Dealtland | | Overfill of boot |
|----|------------|---------------|-----------|------------|-----------------------|
| 29 | A-791-2015 | December 20, | Rockland | On Spin in | Overini of boat |
| | | 2013 | Marine | Harbor | |
| 30 | A-69-2014 | February 2, | Rockland | Sheen in | Sheen around US |
| | | 2014 | Harbor | Harbor | Coast Guard docks |
| 31 | A-481-2014 | July 25, 2014 | Rockland | Sheen in | No definite source |
| | | | Harbor | Harbor | |
| 32 | A-505-2014 | August 5, | Rockland | Oil Spill | Diesel spill of a tug |
| | | 2014 | Harbor | _ | boat |
| 33 | A-565-2014 | August 28, | Rockland | Boat | Vessel removed |
| | | 2014 | Harbor | Sinking | from water |
| 34 | A-715-2014 | November 4, | Dragon | Oil Spill | PCB containing oil |
| | | 2014 | Products | _ | spill, some in harbor |
| 35 | A-806-2014 | December 16, | Rockland | Oil Spill | Sorbent boom |
| | | 2014 | Harbor | from | deployed to water |
| | | | | Fishing | |
| | | | | Vessel | |



ECO-ANALYSTS, INC. reviewed Maine Department of Environmental Protection Spill Reports for the Town of Rockland during the period May 12, 2015 to January 3, 2018 to supplement previous data for the Rockland Fish Pier which included the dates May 1, 2005 to May 11, 2015. No additional Tank spills were found in the vicinity of Rockland Harbor. There are a total of two hundred and eighty-six (286) Reports and they are summarized in Table One.

The original effort identified 35 potential sources of contamination within the general vicinity of Rockland Harbor. Fourteen (14) additional spills were identified. Those spills are summarized in Table Two below.

Table One. Spill Reports in the Town of Rockland as Reported for the Period From May 1, 2015 to January 3, 2018 on the Maine Department of Environmental Protections Website: http://www.maine.gov/dep/rwm/hoss/search.php?DL=GO

| Spill Type | Total |
|---------------------------|-------|
| Above Ground Tanks | 108 |
| Underground Storage Tanks | 34 |
| Unknown/Unspecified | 0 |
| None | 144 |
| | |
| Total | 286 |

Table Two. Spill Report from Within the Rockland Harbor Watershed During the Period From May 1, 2015 to January 3, 2018 on the Maine Department of Environmental Protection Website http://www.maine.gov/dep/rwm/hoss/search.php?DL=GO Which Were Evaluated as Potential Sources of Contamination to the Harbor.

| No. | Report No. | Date | Location | Туре | Notes |
|-----|------------|------------------|-----------------------|-----------------|----------------------|
| 1 | A-178-2006 | March 31, 2006 | Rockland Fish Pier | Diesel Spill in | Unknown amount of |
| | | | | River | Diesel spill from |
| | | | | | unknown source |
| 2 | A-327-2006 | June 16, 2006 | Journey's End Marina | Overfill of | Spill contained and |
| | | | | Vessel | collected |
| 3 | A-442-2006 | August 2, 2006 | Journey's End Marina | Overfill of | Spill contained and |
| | | | | Vessel | collected |
| 4 | A-473-2006 | August 15, 2006 | Journey's End Marina | Bilge | No recovery was |
| | | | | Discharge | possible |
| 5 | A-572-2006 | October 6, 2006 | Rockland Harbor | Sheen in | No definite source |
| | | | | Harbor | found |
| 6 | A-637-2006 | November 8, 2006 | Rock Coast Sports | AST Overfill | Unknown amount |
| | | | | | reached the harbor |
| 7 | A-315-2007 | May 29, 2007 | Rockland Harbor | Sheen in | No definite source |
| | | | | Harbor | found |
| 8 | A-301-2007 | May 30, 2007 | USCG Abbie Burgess | Oil Spill in | No recovery was |
| | | | | River | possible |
| 9 | A-385-2007 | July 7, 2007 | Rockland Harbor | Outboard | Sheen visible but no |
| | | | | Motor spill | gas was recovered |
| | | | | | |
| 10 | A-481-2007 | August 16, 2007 | Charles Laring Vessel | Oil Spill from | Sorbent boom was |
| | | | | sunken boat | placed around vessel |



| 11 | A-494-2007 | August 25, 2007 | Rockland Harbor | Sheen in Harbor | No definite source |
|----|------------|--------------------|-----------------------|----------------------------------|--|
| 12 | A-531-2007 | September 6, 2007 | Journeys End Marina | Oil Spill from refueling | Sorbents were used to clean up spilled fuel |
| 13 | A-754-2007 | December 17, 2007 | Rockland Harbor | Oil Spill from sunken boat | Sheen but no action required |
| 14 | A-361-2008 | May 31, 2008 | Rockland Harbor | Sheen in Harbor | No recovery possible |
| 15 | A-535-2008 | August 22, 2008 | Rockland Harbor | Sheen in Harbor | No definite source found |
| 16 | A-582-2008 | September 13, 2008 | Rockland Harbor | Sheen in Harbor | No definite source found |
| 17 | A-610-2008 | September 30, 2008 | Rockland Harbor | Sheen in Harbor | No definite source found |
| 18 | A-621-2008 | October 6, 2008 | Southside Boat Ramp | Sheen in Harbor | No action required |
| 19 | A-653-2008 | October 23, 2008 | US Coast Guard Vessel | Oil Spill in Harbor | Sorbent pads were used to clean up spill |
| 20 | A-337-2009 | June 13, 2009 | Rockland Harbor | Boat sinking | Small sheen but no response actions needed |
| 21 | A-510-2009 | August 17, 2009 | Rockland Harbor | Sheen in Harbor | No definite source found |
| 22 | A-342-2010 | June 20, 2010 | Rockland Harbor | Oil Spill in Penobscot Bay | Spill immediately contained with boom |
| 23 | A-674-2010 | November 16, 2010 | Rockland Harbor | Sheen in Harbor | No definite source found |
| 24 | A-634-2011 | September 21, 2011 | FMC Corporation | Oil Incident | Sheen but no action required |
| 25 | A-41-2011 | November 5, 2011 | Rockland Harbor | Boat sinking | Fuel recovered and no further action required |
| 26 | A-289-2012 | May 25, 2012 | Rockland Harbor | Sheen in Harbor | No definite source found |
| 27 | A-462-2012 | September 4, 2012 | Rockland Harbor | Sheen in Harbor | No definite source found |
| 28 | A-489-2012 | September 18, 2012 | Rockland Marine | Oil Spill in Harbor | Diesel spill from USS Jefferson |
| 29 | A-791-2013 | December 20, 2013 | Rockland Marine | Oil Spill in Harbor | Overfill of boat |
| 30 | A-69-2014 | February 2, 2014 | Rockland Harbor | Sheen in Harbor | Sheen around US Coast Guard docks |
| 31 | A-481-2014 | July 25, 2014 | Rockland Harbor | Sheen in Harbor | No definite source |
| 32 | A-505-2014 | August 5, 2014 | Rockland Harbor | Oil Spill | Diesel spill of a tug boat |
| 33 | A-565-2014 | August 28, 2014 | Rockland Harbor | Boat Sinking | Vessel removed from water |
| 34 | A-715-2014 | November 4, 2014 | Dragon Products | Oil Spill | PCB containing oil spill, some in harbor |
| 35 | A-806-2014 | December 16, 2014 | Rockland Harbor | Oil Spill from Fishing Vessel | Sorbent boom deployed to water |
| 36 | A-272-2015 | May 15, 2015 | Rockland Harbor | Waste Oil from USCG Vessel | 1-2 quarts spilled caused sheen, sorbent material deployed |
| L | | 1 | 1 | | |



| 37 | A-319-2015 | June 3, 2015 | Knight Marine | Truck rolled into Harbor | Less than 1 gallon of fuel caused sheen. Sorbent material deployed |
|----|------------|--------------------|----------------------|---|---|
| 38 | A-377-2015 | June 26, 2016 | Journeys End Marina | Diesel pumped from private boat to storm drain | Approximately 10 gallons was largely collected by sorbent material |
| 39 | A-538-2015 | August 27, 2015 | Journeys End Marina | Diesel pumped into harbor | Estimated 1 gallon from broken fuel line c o l l e c t e d b y Harbormaster |
| 40 | A-640-2015 | October 11, 2015 | Rockland Harbor | Sheen in Harbor | Source not identified but disappeared after a few hours |
| 41 | A-643-2015 | October 13, 2015 | Rockland Marine | Lower Unit oil spilled in parking lot. | Sand was deployed and collected for disposal. No discharge to water. |
| 42 | A-740-2015 | December 2, 2015 | Archers on the Pier | Sheen on water | Bucket with small amount of unknown oil found floating. Nothing recovered |
| 43 | A-80-2016 | April 5, 2016 | FMC Parking Lot | I s o p r o p y l Alcohol | Approximately 2 gallons spilled in parking lot. Collected with spill pads. No discharge to Harbor |
| 44 | A-267-2016 | May 21, 2016 | Maine Ferry Terminal | Hydraulic Oil discharge | Seal in bow thruster leaked a small amount. None recoverable. |
| 45 | A-460-2016 | September 14, 2016 | Rockland Harbor | White Fluid | USCG investigated likely Hydraulic Fluid spill. Nothing recovered |
| 46 | A-521-2016 | September 20, 2016 | Rockland Harbor | Mystery sheen | Nothing collected |
| 47 | A-577-2016 | October 21, 2016 | Rockland Marine | Hydraulic Oil | Spill in parking lot. No discharge to Harbor |
| 48 | A-598-2016 | October 29, 2016 | Rockland Harbor | Possible Diesel | Beached vessel, nothing found. |
| 49 | A-674-2016 | December 7, 2016 | Rockland Harbor | Sheen on water | Small vessel sunk. Minor sheen but nothing collected |



Bud Brown

From: Sent: To: Subject: Krout, Roy T <Roy.T.Krout@maine.gov> Friday, January 5, 2018 3:25 PM Bud Brown RE: Rockland Spills

Hello Bud,

My search shows 20 spill reports in Rockland in 2017. 18 of these 20 reports are currently in draft status.

Is there a specific location of interest in Rockland?

Roy

Roy Krout Division of Response Services Maine Department of Environmental Protection Tel: 207-592-6023 Email: roy.t.krout@maine.gov

From: Bud Brown [mailto:raptor@gwi.net] Sent: Friday, January 05, 2018 2:38 PM To: Krout, Roy T <Roy.T.Krout@maine.gov> Subject: FW: Rockland Spills

Please see below.

Bud Brown, President ECO-ANALYSTS, INC. P.O. Box 224 Bath, ME 04530

207-837-2442 raptor@gwi.net

From: Lisa Vickers [mailto:lisa@atlanticenviromaine.com] Sent: Friday, January 5, 2018 1:32 PM To: Bud Brown <<u>raptor@gwi.net</u>> Cc: Tim Forrester <<u>tim@atlanticenviromaine.com</u>> Subject: Re: Rockland Spills

I know that there is a delay in getting specific information (i.e. location, type of spill, etc.) to the database but it will come up with "pending" and will have an associated spill number so it should be listed in your search. That does seem low - you might want to just double check with Roy Krout (<u>Roy.T.Krout@maine.gov</u>) to verify there was only one.