Cape Cod 208 Area Water Quality Planning
Three Bays and Centerville River Working Group

Meeting One
Thursday, September 26, 2013
COMM Fire Station, Centerville, MA

DRAFT SUMMARY NOTES

**ACTION ITEMS**

*Cape Cod Commission*

- Include on or with chronologies:
  - Town votes on wastewater-related issues that failed.
  - Shellfish bed closings and openings due to water quality.
  - Legend for acronyms.
  - Land use management decisions related to water quality.
  - Start of Coastal Mitigation Program in the 1980s.
  - Clean Lakes program
  - What has been done on golf courses on the Cape, follow up with Ed Nash about this
  - Pond water quality studies, follow up with Lindsey Counsell about this.
  - Have people include their names on their sticky note suggestions in the future to make it easier to follow up and get information.

- Think about how to incorporate indicators discussed by participants into planning and monitoring.

- Land use change data:
  - The 1951 data was based on a different scale than more recent data—is this an issue?
  - There is land use change data from 2005, although it is finer grained. Look into this and see if it should be included.
  - Get land use data from Woods Hole (Tom Stone?)

- Buildout data:
  - Getting a finer grained buildout for non-residential. The Growth Management Department can help for Barnstable.

- Demographic data:
  - Update demographic numbers for Rushy Marsh: there are 200 homes in Rushy Marsh and a farm going in, according to participants.
  - Clarify whether the family property tax bill refers to the taxes for an “average home” or whether this is the average across all tax bills.
  - Add Cotuit to annual water bill slide. It was suggested that Chris Wiseman could help with this information.
  - Concerns about seasonality—how do you plan for seasonality, since you don’t know how property will be used in the future?

- Nitrogen and environmental health data:
Participants noted that the area on the east side of Centerville River appears “healthy” on the GIS layer but that shellfish beds are closed there. Also, information on the buildout map for this area doesn’t correlate with the GIS layer data. Look into this and address.

Participants commented that some of the reports used for the nitrogen and environmental health data are outdated (over a decade old). They indicated that the Commission needs data that are more current. Address or at least acknowledge this.

Clarify TMDLs and related target reductions for the Working Group and the public.

**Phosphorus data:**
- Participants raised questions about the trophic map’s accuracy. Get more information from towns and pond groups about this.
- Perhaps add a phosphorus source pie chart like the nitrogen source pie chart.

**Woods Hole has information on PRBs that might be useful to Commission.**

**Participants suggested that the Commission add “economic development” as criteria for the screening process, perhaps under project goals or target areas.**

**A participant suggested adding buildout load to the “Establish targets and articulate goals” section of the screening process.**

**Get proposed attenuation sites from towns.**

**Public education:**
- Educate about why protect ponds, how this issue affects ponds, beaches, swimming water, etc.
- Explain Title 5 for public and stakeholders.
- Consider including some “story telling” about impacts on shellfish, crabs, etc as part of chronology or plan to get people to care.

**For Working Group Members**
- Share information about existing infrastructure with the Commission.
- Share information about planned and projected infrastructure with the Commission.
- Further review and check the baseline conditions data and let the Commission know about any important changes or concerns.
WELCOME AND INTRODUCTIONS
The Cape Cod Commission (the Commission) opened the meeting with a welcome. The facilitator, Ms. Carri Hulet from the Consensus Building Institute, introduced herself. All of the representatives around the table and the public attendees introduced themselves and explained their interest in the issue (see Attendee List in Appendix A).

REVIEW OF GOALS AND PROCESS
The stated goal of the meeting was: “To review and develop shared understanding of the characteristics of these watersheds, the work done to date, existing data and information available, and how to apply all of this to planning for water quality improvements for these watersheds moving forward.” Ms. Hulet explained that by the end of the meeting, she and the Commission hoped that all participants had contributed any additional questions or concerns they had.

Ms. Erin Perry, Special Projects Coordinator for the Cape Cod Commission, presented an overview of the Clean Water Act Section 208 and described the process and goals of the proposed update to the 1978 Section 208 Area-Wide Water Quality Management Plan. In January 2013, the Massachusetts Department of Environmental Protection (MassDEP) directed the Commission to update the 1978 Section 208 Area-Wide Water Quality Management Plan (208 Plan Update). The goal of the three-year 208 Plan Update process is to help communities collaborate and coordinate their water quality management activities to achieve compliance with Section 208 water quality standards. The 208 Plan Update will focus on reducing nitrogen in saline waters, phosphorus concentrations in fresh waters, and address challenges posed by future growth and Title 5 limitations. The Commonwealth has provided $3 million to fund this process, which will involve a 3-year planning effort. The intent is to produce a plan in the first year in order to help secure federal and state funds to support the effort going forward.

Ms. Perry noted that there are 105 watersheds on Cape Cod and 57 embayments. She said that the Massachusetts Estuaries Project (MEP) has found that almost all of the embayments that it has studies on the Cape require nitrogen removal. She explained that, in light of the fact that these watersheds and embayments cross town lines, this is a regional issue. The Commission, she said, is really looking to assist in the coordination and build this effort around watersheds rather than municipal boundaries.

Ms. Perry explained that the goal of the 208 Update Process is to generate a series of approaches in each watershed that will meet water quality standards. The process is watershed-based, includes a focus on both stakeholder engagement and technical work, seeks to maximize the benefits of local planning, and favors allowing local stakeholders to decide which of a range of options to pursue instead of mandating a single “optimal” solution. Ms. Perry noted that the 208 Update Planning Process is occurring simultaneously in 11 subgroups across the Cape, with the Three Bays and Centerville River Working Group being one of these 11.

Ms. Perry noted that the Commission is willing to attend group and organization meetings to present on this process. She said one key goal was to spread the word as widely as possible.
Ms. Perry then reviewed the timeline of the 208 Plan Update process. Public meetings were held in July and August, and the Watershed Working Groups will meet three times: once in September (the current meeting), once in October, and once in early December. The September (current) meetings are focused on discussing baseline conditions; the October meetings will focus on technology options; and the December meetings will focus on reviewing different scenarios for the local watersheds covered by each Working Group. The efforts of each Working Group will be supported by:

- An Advisory Board of six people who provide ongoing feedback to the CCC;
- A Regulatory, Legal and Institutional Work Group, which provides legal and regulatory input;
- A Technical Advisory Committee of the Cape Cod Water Protection Collaborative, which will provide input on the potential technologies;
- Technology Panel of experts throughout the country who will be giving high-level review of possible technologies.

Ms. Perry explained the difference between the Technology Panel and the Technical Advisory Committee, saying the goal of the Technology Panel is to evaluate possible technological approaches for wastewater issues from more of an academic perspective; the Technical Advisory Committee, in contrast, is looking at this from more of a municipal perspective. Information about the advisory boards and panels supporting the 208 planning process is available online.

LOCAL PROGRESS TO DATE

Mr. Scott Horsley, the Area Director for the Commission, provided an overview of efforts made across the Cape and in the municipalities of Barnstable, Falmouth, Mashpee, and Sandwich to address water pollutants.

The study group members and observers were then encouraged to review printed chronologies of what the towns of Barnstable, Falmouth, Mashpee, and Sandwich have done to protect the watersheds in the area over the last couple decades. These chronologies, Mr. Horsley explained, have already gone through preliminary review by the involved municipalities. Commission staff asked all attendees to make additions or corrections to the chronologies through use of sticky notes; they asked participants to think about what has been done, what plans have been made, what facilities have been built, and things that were voted on but didn’t move forward, among other related activities. Participants were given approximately 15 minutes to make their suggestions on the chronologies.

Ms. Hulet then went around to each of the printed chronologies for each town and asked people to explain the information on the sticky notes they had posted.

Discussion about the Sandwich Chronology

- One participant asked whether votes that didn’t go through should be included on the timeline.
  - Ms. Hulet asked the Working Group what they thought about this
    - People generally responded that they think this is important for a number of reasons, including that it provides evidence that the towns have tried to deal with water quality problems previously.
• One participant said that in the last 2-3 years, Sandwich had reopened previously closed shellfish fisheries and that this should be included on the timeline, since it is a major accomplishment.

**Discussion about the Mashpee Chronology**
• On participant said that around 1980, blue claw crabs had been plentiful; in the 2000s, they are no longer available. He feels that they are an indicator species.
• Another participant said that eelgrass is also disappearing and that this is also an indicator species. Commission staff explained that eelgrass is being considered as part of their study, as would be explained later in the meeting.
• Ms. Hulet and Mr. Horsley explained that these comments are very important, but that the chronologies are not the place to capture these changes.

**Discussion about the Barnstable Chronology**
• One participant suggested that the Commission provide a legend for all acronyms on the chronologies and powerpoints.
• A participant suggested that the Commission include land management decisions, particularly those tied directly to water quality issues, on the chronologies.
• Participants said that in the late 1980s, the Coastal Mitigation program was started, which mean that money was put into addressing outfalls and water quality up the creeks. This should be added.
• In 1985, the Massachusetts Department of Transportation denied Barnstable a permit to repave Route 28 due to runoff concerns. This should be added, one participant said.
• One participant said that an important milestone was the start of Clean Lakes funding from the state in the late 1980s, this funding helped start projects like the Red Lily Pond project.
  o One participant asked whether the Clean Lakes program still has money. Another participant answered no.
• A participant suggested that in 1989, there was a Cape Cod groundwater study conducted, which looked at fertilizer runoff from the four oldest golf courses on Cape Cod. He said this was one of the first studies of this sort done. This should be added, he said.
  o Participants said that it might be worth including information about what has been done on golf courses on the Cape and that Ed Nash would be a good person to follow up with about this.
• One participant said that homes were discharging effluent into Red Lily Pond in the 1980s, so they put in a home cluster system in 1988. He thinks this home cluster system is something that can be scaled and used in other sorts of communities and that it seems to be working well.
  o Ms. Hulet reminded the group that these kinds of technological options will be the focus of next meeting.
• One participant said that the closing of shellfish beds in 1986 triggered a state testing process. The Massachusetts Division of Marine Fisheries began testing more places for coliform bacteria and ended up shutting down approximately 30,000 acres of shellfish beds around the Cape. They now do these “sanitary surveys” on a regular basis. This is an issue that touches all of the towns.
  o Dale Saad knows more about this.
• One participant asked for clarification on what exactly the group is trying to capture on these chronologies.
Ms. Horsley responded that the Commission is trying to capture whatever the Working Group thinks needs to be on the chronologies.

- In response to Mr. Horsley’s response, another participant said that things like the closing of shellfish and the loss of blue claw crabs is what people tend to be most interested in and concerned about. They tend not to think about the policies and plans. He suggested that the Commission might want to include some sort of sidebars to go along with the policy and plan chronologies that draw out these significant changes and impacts.
  - Other participants agreed and said they think there needs to be some sort of an overlay of the environmental indicators and impacts.
  - Mr. Horsley responded that this is challenging to track and that it is hard to tie policies directly to environmental effects due to the lag time between interventions and impacts on the problem.

- One participant noted that there is not very much good data on stormwater or water quality that can be directly tied to policies and plans, and that there is no funding to do this.
  - Mr. Horsley responded that this is one of many reasons that whatever management plans come out of the 208 Plan Update process have to be adaptive and have money build in for monitoring.
  - One participant added to this that if this planning process is going to lead to a political process, one of the best things the Cape can do is document that certain things work or have achieved positive effects. He said that we need indicators of success to help with this.

- Ms. Hulet asked the Working Group what kinds of indicators it thinks would be useful in tracking progress on water quality issues. The group responded with the following suggested indicators:
  - The closing and opening of shellfish beds and beaches
  - Water clarity
  - Invasive plant species
  - Blue Claw Crabs
  - Herring
  - Eel grass
  - Scallops
  - Brook trout
  - Amphibians (for freshwater monitoring)
  - Shoreline flora
  - Mussels

- Responding to earlier points about the need to include information about impacts such as shellfish bed closings on the chronology to make it salient for people, one participant said that they think the plan needs to include some “storytelling.” He thinks it is important to remind people of how things used to be and get them dreaming about what it could get back to.
  - Ms. Hulet said this is an important lesson. People don’t necessarily connect to timelines; they connect to stories. The Commission might want to think about whether and how to build this into the chronologies and the plan.

- One participant suggested that the Commission include the 2006 Cape Cod total maximum daily load (TMDL) regulation on the chronologies.
- Another participant thought it might be helpful to include pond water quality studies on the chronologies.
  - Lindsey Counsell can provide information on exact dates and what studies were done.
• One participant suggested that people should include their names on their suggestions in the future so that the Commission can follow up with them if more information is needed.

Ms. Hulet wrapped up the discussion of the chronologies by telling participants that the Commission will include the points made on the sticky notes and during the discussion into the chronology.

**BASELINE CONDITIONS**

Mr. Horsley and Mr. Shawn Goulet, Cape Cod Commission GIS Analyst, presented GIS data layers, demographic data, and water quality data both Cape-wide and specific to the Three Bays and Centerville River region. To ensure the accuracy of the data that will be analyzed for the 208 Plan Update, working group members were asked to identify anything they believed was missing from the data and to voice any differences of opinion they had with the Commissions’ analysis or approach. The Commission also encouraged Working Group members and members of the public to view the GIS layers on the Cape Cod Commission website.

*Land Features Data:*
The Cape Cod Commission presented the following GIS data layers:

**Natural Features** – The natural features data layer shows the locations of cranberry bogs, wetlands, Natural Heritage and Endangered Species Program (NHESP) Certified Vernal Pools Water Table Contours; Sea, Lake, and Overland Surges from Hurricanes (SLOSH) Update 2013, and preliminary FEMA Flood Insurance Rate Map (FIRM) Zones 2013.

**Managed Surfaces** – The managed surfaces data layer includes managed ground surfaces (impervious and disturbed surfaces), residential managed lawns, and municipal managed natural surfaces. The residential managed lawns layer includes only private land surfaces where fertilizer application might occur. The municipal managed natural surfaces layer includes only public lands likely to receive fertilizer applications.

**Regulatory Layer** – The regulatory layer illustrates Areas of Critical Environmental Concern, MassDEP Approved Wellhead Protection Areas, and Growth Incentive Zones. Open Space data is displayed in three levels of land protection: land protected in perpetuity, limited protection, and no protection. Land Use Vision Map data delineates economic centers; industrial and service trade areas, village boundaries, resource protection areas, other designations, and undesignated lands.

**Land Use Change Layer** – The land use changes layer is based on McConnell land use data from 1951, 1971, and 1999. These layers illustrate the locations of the following land uses: residential; commercial; industrial; wooded, natural and wetlands; water, and; open disturbed or managed. A 1995 data layer is also available, but was not displayed since the collection methodology was different than the 1951, 1971, and 1999 data.

  o One participant pointed out that the 1951 data was based on a different scale than more recent data.

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1 Data used for modeling and analysis is available here: [LINK]
o Another participant asked whether the Commission has more recent data than the 1999 data. She said that there should be data from 2005 and that it is finer grained, but should be comparable. The Commission will get this data and add it.

Density and Buildout Layers – The density layer shows the current per acre density of existing dwelling units in quarter square mile grids. The regional buildout layer shows the maximum potential buildout over a 20-25 year time horizon using the towns zoning regulations and normalizing that data by applying state designated zoning layers. Mr. Horsley emphasized that buildout scenarios are an art, not a science, and that there are many ways to conduct a buildout analysis. He illustrated this point by showing a slide that depicted differences between the Regional Buildout, the Comprehensive Wastewater Management Plan buildout, and the Local Comprehensive Planning Buildout for communities across the Cape. He explained that the Cape Cod Commission’s approach to the buildout analysis enables comparison of potential buildout across the entire Cape, but eliminates some detail on the local level.

o Mr. Horsley noted that density is a critical component to the 208 Update Plan since the cost of wastewater collection is highly related to density. Greater density tends to be much more affordable to sewer. The Commission’s Cape-wide estimate is that 30% growth will increase capital costs by 40%, assuming traditional sewering.

o One participant said that Barnstable is doing some work that will probably bring down their buildout projections. She said that they would really like more granulated information that provides more data on different types of “non residential uses.” The Commission will look into this and try to help provide this data.

o One participant added that he feels growth management isn’t being given enough attention and that “we need people to really focus on this.”

Demographic Data
The Section 208 Update will also consider demographic changes that could influence the selection of technologies to improve water quality. The Cape Cod Commission presented the demographic data, most of which was derived from the 2010 Census. Approximately 25,658 people, or 11.9% of Cape Cod’s total population, live in the Three Bays and Centerville River watershed. Those living in the Centerville River area are 49 years of age on average and the average median income is a little less than $70,000. Over 90% of Centerville River’s population is white, and about 80% of the area’s residents are year round. Those living in the Three Bays area are an average of 46 years old with an average median income of about $80,000. Over 90% of the population in this area is white and over 80% is year round. The total assessed value for the study area is about $6.5 billion. The average single-family property tax bill (2013) is approximately $4,500 in Barnstable, $4,700 in Sandwich, and $4,100 in Mashpee, all of which are lower than the average in the Commonwealth. The annual water bill ranges from $130 in Sandwich to $360 in Barnstable-Hyannis; average water bills throughout the watershed are less than the Massachusetts average of $500.

o One participant commented that the Commission needs to update its numbers for Rushy Marsh: there are 200 homes in Rushy Marsh and a farm going in

o Another participant commented that the towns have no control over whether a residence is seasonal or not, and that this can change from year to year. This makes it hard to plan for water and wastewater.
The Problem

Mr. Horsley explained that eutrophication from nitrogen loading in coastal estuaries and phosphorus loading in ponds and lakes is the primary problem to solve. He explained that the Massachusetts Estuaries Program (MEP) provides water quality, nutrient loading, and hydrodynamic information. With the MEP reports, he said, the Cape will be better able to tailor its efforts for each watershed.

Nitrogen – Mr. Horsley next reviewed the Cape-wide MEP data for nitrogen loads, which shows that septic systems account for 79% of the controllable nitrogen loads, 9% results from lawn fertilizers, and 8% from impervious surfaces. Four percent of the controllable nitrogen is the result of wastewater treatment facility effluent and natural sources comprise the remaining one percent. He then reviewed the MEP data for Centerville River, Rushy Marsh, and Three Bays. Mr. Goulet explained the GIS layers provided by the Commission on environmental health related to nitrogen. Commission staff explained that eelgrass and organisms are used as a main indicator of environmental health.

Eelgrass Extent – Mr. Horsley reviewed data from the Massachusetts Department of Environmental Protection on eelgrass extent. Mr. Goulet said that the Commission is looking to bolster these layers and this is a place the towns can help. Mr. Horsley explained that science strongly shows that nitrogen loading has a negative effect on eelgrass, so it is an important indicator species.

Phosphorus Problem – Mr. Horsley reviewed the data on phosphorus, explaining that phosphorus impacts freshwater systems. Mr. Scott Michaud, a hydrologist from the Cape Cod Commission, explained that most of the information that is available for phosphorus loads in freshwater systems on the Cape comes from communities that are interested in the issue and have been collecting data.
Participants raised questions about the trophic map accuracy. The Commission is going to look at this.
  o One participant said that Mystic Lake was treated with alum in 2010 and that it is better than it was but maybe not much better.
  o Mr. Horsley said that the Working Group probably needs to think about lake and pond protection as part of the Plan Update.
    ▪ In response to this, a participant commented that people need to better understand the connection between pollutants and their drinking and swimming water
  o One participant noted that there are different travel times between nitrogen and phosphorus. Phosphorus moves more quickly than nitrogen, he said.
  o Another participant asked how the pie chart of sources for phosphorus differs from the pie chart of sources for nitrogen. This might be something the Commission wants to add.

Potential Title 5 Compliance Issues – Mr. Horsley reviewed GIS layers showing various types of Title 5 compliance issues, including groundwater discharge points, locations of loans issued by the County for Title 5 repairs, and areas with potential Title 5 compliance issues. The Potential Title 5 Compliance Issues layer attempts to identify geographic areas more likely to exhibit compliance issues due to the small size of the land parcels, shallow depth to groundwater at the parcel locations, soils, the quantity of water used on the parcel, and presence of loan applications. This layer is based on the assumption that all parcels are on Title 5 systems.
  • One participant commented that the Commission needs to clarify Title 5 for all stakeholders and the public to make sure people understand what this is.
  • Another participant also mentioned that they need to consider sea level rise and how this might affect things.

Existing and Proposed Solutions
Mr. Horsely and Mr. Goulet presented data layers on existing and proposed infrastructure. The existing infrastructure layer includes attribute data for existing conditions, enhanced attenuation sites, and public supply wells. The proposed infrastructure layer will illustrate the locations of natural attenuation sites and CWMP sewershed phasing, if applicable
  • Mr. Goulet explained that the Commission would like to enhance the existing infrastructure data and is hoping to get more information from the towns about this.
  • A participant commented that there are a lot more projects planned than are currently included on the proposed infrastructure maps. The towns can provide this information.

Mr. Horsley closed the Baseline Conditions review by saying the Working Group will have some homework in between meetings. One thing the Commission would like Working Group members to do is to further review and check this data, which will be available online2. He said the goal isn’t to be perfect but to make sure that they don’t miss something really important.

NEXT STEPS
Mr. Horsley presented the technologies matrix and described the upcoming meetings. The technologies matrix organizes a mixture of remediation, reduction and prevention techniques that

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can be deployed at the site level, neighborhood level, watershed level, or Cape wide. In the coming weeks, the Cape Cod Commission will distribute 1-2 page fact sheets about each technology. During the October meeting, group members will be expected to be prepared to discuss the merits of the technologies and begin to assess which technologies would be most appropriate to address the issues in their watershed.

- One participant said that Woods Hold did some work on permeable reactive barriers (PRBs) and that the Commission may want to get this information.
- Mr. Horsley said that one of the kinds of options people may want to think about is building PRBs, monitoring the benefit of these, and building sewers if and when necessary. PRBs will have a close to immediate effect, whereas sewering won’t have an effect on water quality for some time due to the travel time of nitrogen.

Mr. Horsley then reiterated that the goal of the group is to develop at least two plans with different sets of remedial options that would achieve water quality targets. He then described the alternatives screening process the group will apply over the next two meetings to achieve the aforementioned goal. The process is as follows:

1) Establish targets and articulate project goals.
2) Identify priority geographic areas
3) Determine which management activities should definitely be implemented. These might be the easiest and least costly management activities that should be undertaken regardless of other management actions.
4) Assess alternative options to implement at the watershed or embayment scale
5) Assess options to implement at the site-level
6) Examine priority collection/high density areas
7) Consider traditional sewering or other grey infrastructure management options

- One participant commented that there are other reasons that towns may want to consider wastewater management in addition to Title 5 and environmental issues: he thinks it might be important for their economic development.
  - Mr. Horsley replied that this brings up the role that private development may play in the wastewater management puzzle.
  - Participants suggested that the Commission add “economic development” to the screening process, perhaps under project goals or target areas.
- Another participant said that when the group gets to alternative on-site options, it would be wise to look at public spaces where it is relatively easy to implement these processes and have a larger effect, for example in schools.
- One participant reiterated that the group needs to be mindful of managing growth throughout this process
- A participant suggested adding buildout load to the “Establish targets and articulate goals” section of the screening process.

**OPERATING PROTOCOLS**
Ms. Hulet briefly reviewed the draft protocols and requested the group members suggest changes to the groundrules. She reiterated the primary role of the group members is to provide guidance on the
development of solutions to address the water quality issues specific to their watershed. Ms. Hulet explained expectations for Working Group members, including: stakeholder representatives will act as contacts for interested members of the public; and they will come prepared, do reading in advance, and participate fully in meetings. The Commission, she explained, committed to providing meeting summaries and making presentations and other information available online.

Ms. Hulet then reviewed the action items that came out of the discussion and closed the meeting by reminding everyone that the next Working Group meeting is on October 29 from 8:30-12:30pm at the same location. She then opened the floor for comments and questions.

* One participant said that there is a recent move to more farming on Cape Cod, that this could be a nitrogen problem, and that the Working Group should think about this as it plans and tries to educate others.
## Appendix A
### Attendance

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<tr>
<td><strong>Representatives</strong></td>
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<tr>
<td>Rob Steen</td>
<td>Barnstable Public Works</td>
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<td>JoAnne Miller Buntich</td>
<td>Barnstable Growth Management</td>
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<td>Ed Nash</td>
<td>Golf Course Manager</td>
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<td>Mark Robinson</td>
<td>Director of Compact of Cape Cod Conservation Trusts</td>
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<td>Beth Ferranti</td>
<td>Citizen</td>
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<td>Darren Meyer</td>
<td>Sandwich Health Department</td>
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<td>Jaci Barton</td>
<td>Barnstable Land Trust</td>
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<td>Lindsey Counsell</td>
<td>Three Bays Conservation Group</td>
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<td>Fred Chirigotis</td>
<td>Barnstable Town Councilor</td>
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<td>Mary Barry</td>
<td>Resident of Barnstable</td>
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<td>Tom Klein</td>
<td>Citizen</td>
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<td>Steve Brown</td>
<td>Representing Red Lily Pond Project, Inc.</td>
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<td>Holly Hobart</td>
<td>Indian Ponds Association</td>
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<td><strong>Public Attendees</strong></td>
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<tr>
<td>Monica Mejia</td>
<td>Tufts University</td>
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<td>Thomas Colombo</td>
<td>Hyannis Sport</td>
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<td>Dale Saad</td>
<td>Barnstable Department of Public Works</td>
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<td>Kevin Young</td>
<td>GCSACC (Golf Course Superintendents Association of Cape Cod)</td>
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<td>Mike Pajolik</td>
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<td><strong>Staff</strong></td>
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<tr>
<td>Scott Horsley</td>
<td>Area Manager, Cape Cod Commission</td>
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<td>Erin Perry</td>
<td>Special Projects Coordinator, Cape Cod Commission</td>
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<td>Shawn Goulet</td>
<td>GIS Analyst, Cape Cod Commission</td>
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<td>Scott Michaud</td>
<td>Hydrologist, Cape Cod Commission</td>
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<td>Anne McGuire</td>
<td>Community Relations Specialist, Cape Cod Commission</td>
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<td>Carri Hulet</td>
<td>Consensus Building Institute</td>
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<td>Danya Rumore</td>
<td>Consensus Building Institute</td>
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<td>Thomas Parece</td>
<td>AECOM, Engineering firm working on plan</td>
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<td>Mark Owen</td>
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