

| Recommendation | 2016 | 2017 | 2018 | 2019 | None | 2021 | 2022 | Owner | Work Done to Date | Year | Responsible Party |
|--|------|------|------|------|------|------|------|-------|--|--------------|-------------------------|
| 2016 Select Board Parsons Creek Committee | | | | | | | | | | | |
| Develop an ordinance to require that properties in the PC watershed that transfer ownership document that the septic systems are function property and, if not, repair replace them as necessary | x | | | | | | | | In 2016 it was told by Legal Counsel that until the legislation in NH adopts this it cannot happen. Then in 2023 it was take up again Through the CWSRF Ph I project, a health regulation similar to MA Title V has been drafted that would require systems to be inspected when ownership is transferred. This regulation needs to be finalized with the help of legal counsel, and then can be voted on for adoption | 2022-2023 | FBE, Town of Rye |
| Consult with Town Counsel to see if the town can require commercial institutions, within the watershed to demonstrate that they are operating within the permitted flow limitations | x | | | | | | | | Not sure where this came from - TBA? | | |
| Develop an inspection criteria for a certified septic system evaluators that meets the needs of the watershed. For example, nitrogen loading is not considered an issue in this watershed | x | | | | | | | | Inspection criteria is laid out in the health regulation drafted in CWSRF Ph I project | 2022-2023 | FBE, Town of Rye |
| Consider whether advanced treatment, other than septic tanks should be required by local ordnance in close proximity to tidal areas | x | | | | | | | | See HydroAnalysis: Final report on Recommendations for Individual Sewage Disposal Systems that Minimize the Release of Pathogenic Organisms to the Parsons Creek watershed | 2017 | |
| Consider whether the ordinance should address permitting and enforcement of holding tanks | x | | | | | | | | Not sure where this came from - TBA? | | |
| Suggest that a new separate committee be formed to guide the ordinance through the drafting and acceptance process | x | | | | | | | | Not sure where this came from - TBA? | | |
| Quantify impact on town staff to implement the requirements of the current ordinance for septic pump outs including updating the data base and potential future staff impacts should the suggested real estate transfer ordinance be adopted and approved. Determine if additional staff are merited | x | | | | | | | | Septic system pump out implementation and enforcement has been streamlined through the years; a task in the CWSRF Ph I project assisted the Rye Building Department with streamlining the database, though more work can be done in this area | 2022-2023 | FBE, Town of Rye |
| Apply for State 319 Grant money to continue monitoring of the watershed for 2017. Consider adding a sampling location at the outlet of Awcomin Marsh at Rye Harbor and Eel Pond for comparison purposes | x | | | | | | | | Monitoring continued and expanded under the CWSRF Ph I project | 2022-2023 | FBE, Town of Rye |
| Review the current dog waste ordinance and town signage to increase visibility, awareness of fines and impacts to the watershed associated with the illegal disposal of dog waste to the do walking public | x | | | | | | | | Dog waste public outreach resources have been updated as part of the CWSRF Ph I project | 2022-2023 | FBE, Town of Rye |
| The Town should investigate buried piles at Wallis Beach seep locations | x | | | | | | | | Was investigated by Dennis McCarthy found to be dead end pipe | | |
| Work with DOT to evaluate and remediate channel constrictions under the route 1B bridge over Parsons Creek resulting from embankment movement next to the bridge abutments | x | | | | | | | | Not sure where this came from - TBA? | | |
| Recommend that all new test results in the Parsons Creek Watershed area be explained by narrative on the Rye website and or Rye Newsletter | | | | | | | | | The town website has been updated to show all reports in a user-friendly format and includes up-to-date info relevant to Parsons Creek | 2022-2023 | FBE, Town of Rye |
| FBE: Address Groundwater sources of fecal | | | | | | | | | | | |
| Update the septic system database on a regular basis | | x | x | x | | x | x | | The database is frequently updated by the the building department as part of the pump-out ordinance enforcement | 2016-present | Town of Rye |
| Continue to enforce the septic system health regulation that requires pump-outs every 3 years | | x | x | x | | x | x | | Currently being enforced by the building department | 2016-present | Town Of Rye |
| Continue evaluation of individual properties for septic system functioning near hotspots | | x | x | x | | x | x | | Used dogs to identify potentially failing septic systems in 2014. Current annual monitoing and PhyloChip monitoring was aimed at identifying hotspots | 2014-present | FBE, Town of Rye |
| Evaluate the proper functioning of the septic system at 290 Brackett Rd | | | x | | | | | | FB does not target specif properties | | |
| Consider incorporating stricter guidelines for septic system replacement or installation to town ordinances | | x | x | x | | x | x | | Not part of FB's scope until legislation changes cannot impose | | |
| Consider groundwater study of homes near beach seeps at the outlet and along the marsh edges to determine proper septic system functioning | | x | | | | | | | Proposal for CWSRF Ph II project will specifically model groundwater flows from neighborhoods to determine bacteria sources in the watershed | 2024-future | FBE, Dr. Jayne Knott |
| Consider a town sewer system to connect homes in low-lying areas along the marsh and beach | | | x | x | | x | x | | Discussion puposes only | | |
| FBE: Address surface runoff sources of fecal contamination | | | | | | | | | | | |
| Continue to locate candidate sites for BMP implementation to address stormwater runoff | | x | x | x | | x | x | | As part of the 2011 Parsons Creek WMP, BMP sites were identified. An update to these sites and the WMP is recommended in the near future | 2011 | Town of Rye |
| Continue to secure funding that implements these candidate BMP sites | | x | x | x | | x | x | | BMPs have been implemented using 319 funding in the past; after adequate updates to watershed planning are performed, the town should consider applying for more 319 funding | Ongoing | Town of Rye |
| Continue to track and monitor existing BMP conditions and fix or improve sites as necessary | | x | x | x | | x | x | | BMP sites are maintained by private landowners and Rye DPW in some cases | Ongoing | Town of Rye; landowners |
| Maintain installed pet waste signs | | x | x | x | | x | x | | Pet waste signs maintained by Rye DPW | Ongoing | Town of Rye |

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| FBE: Enhance Public Outreach program | | | | | | | | | | | |
| Post and maintain a wet-weather advisory at the beach | | x | x | x | | x | x | | Signs have been posted historically; new sign recommending not to swim after rainfall has been made as part of the outreach in the CWSRF Ph I project; the outlet site is also posted with signs when bacterial levels are high | Ongoing | Town of Rye, FBE |
| Continue to distribute educational materials and reports to the public via the Town's website | | x | x | x | | x | x | | Town websites has been updated through the CWSRF Ph I project | 2022-2023 | FBE, Town of Rye |
| Continue to educate homeowners on proper disposal of pet water and maintenance of septic systems | | x | x | x | | x | x | | Outreach materials for septic systems and pet waste have been made through the CWSRF Ph I project | 2022-2023 | FBE, Town of Rye |
| Continue (Reinstitute) regular meetings with the Parsons Creek Water Quality Committee | | x | x | x | | x | x | | this was made by a resident not FB | | |
| FBE: Continue Monitoring program | | | | | | | | | | | |
| Continue water quality sampling through the Parsons Creek watershed under varying weather conditions to track changes in FIB over time, especially as failing septic systems are replaced | | x | x | x | | x | x | | Annual monitoring program performed by FBE is ongoing | 2008-present | FBE |
| Continue to measure co-indicators along with FIB to better pinpoint human sources of fecal contamination. Co-indicators include optical brighteners and inorganic nutrients present in human wastewater (added microbial DNA source tracking methods like PhyloChip in 2021) | | x | x | x | | | | | Various co-indicators have been added into the monitoring program through the years with mixed success (nutrients, optical brighteners, PhyloChip, canine scent detection) | 2008-present | FBE |
| Complete a groundwater testing study of the marsh area draining BCH11 | | | x | x | | x | x | | Recommended to be completed in the future | | |
| Retest the area around the large marsh pool to determine whether the elevated fecal indicators are from wildlife or possibly remnant from a failing septic system that was recently replaced on a property draining to a large marsh pool | | | x | x | | x | x | | Up to the town to pay for additional testing | | |
| Consider updating the 2011 Parsons Creek Watershed Management Plan | | x | x | x | | x | x | | Recommended to be completed in the future | | |