CDR 5/31/16

Wetlands Bureau Decision Report

Decisions Taken
05/23/2016 to 05/29/2016

DISCLAIMER:

This document is published for information purposes only and does not constitute an authorization to conduct work. Work in jurisdiction may not commence until the applicant has received a posting permit.

Decisions are subject to appeal, and are reviewed by the federal agencies for compliance with Section 404 of the Federal Clean Water Act.

APPEAL:

Any party aggrieved by a decision may file an appeal within 30 days of the date of this decision as specified in RSA 482-A:10, RSA 21-O:14, and the rules adopted by the Wetlands Council, Env-WtC 100-200.

The appeal must be filed directly with the Council, c/o the Council Appeals Clerk, who may be contacted at (603) 271-6072 or at appeals@des.nh.gov . The notice of appeal must set forth fully every ground upon which it is claimed that the decision complained of is unlawful or unreasonable. Only those grounds set forth in the notice of appeal can be considered by the council.

MAJOR IMPACT PROJECT

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2016-00495 NH DEPT OF TRANSPORTATION
CONCORD Merrimack River

Requested Action:
Slipline a 36 in. culvert, replace a 54 in. and a 48 in. culvert with textured interior culverts westerly of the existing culverts, construct rock lined inlet and outlets to eliminate perched inverts and construct temporary access roads impacting 19,600 sq. ft. (15,665 sq. ft. temporary) of riverine and palustrine wetlands. NHDOT project #16287

Compensatory mitigation includes a one-time payment of $40,800.00 to the Aquatic Resource Mitigation Fund.
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Conservation Commission/Staff Comments:
Cons. Comm. - no comments
River Advisory Comm. questions on hydraulic analysis, preventing perched inverts and settling ponds / water diversions responded to by the NHDOT

Inspection Date: 11/19/2015 by Gino E Infascelli

APPROVE PERMIT:
ARM Fund payment letter sent 5/27/2016.Slipline a 36 in. culvert, replace a 54 in. and a 48 in. culvert with textured interior culverts westerly of the existing culverts, construct rock lined inlet and outlets to eliminate perched inverts and construct temporary access roads impacting 19,600 sq. ft. (15,665 sq. ft. temporary) of riverine and palustrine wetlands. NHDOT project #16287

Compensatory mitigation includes a one-time payment of $40,800.00 to the Aquatic Resource Mitigation Fund.

With Conditions:
1. All work shall be in accordance with plans by NHDOT Bureau of Highway Design dated 10/2015 as received by the Department on Feb. 29, 2016.
2. Dredged material shall be placed out of the DES Wetlands Bureau jurisdiction unless specifically allowed.
3. Appropriate siltation/erosion/turbidity controls shall be in place prior to construction, shall be maintained during construction, and shall remain until the area is stabilized.
4. Construction equipment shall not be located within surface waters.
5. Discharge from dewatering of work areas shall be to sediment basins that are: a) located in uplands; b) lined with hay bales or other acceptable sediment trapping liners; and c) set back as far as possible from wetlands and surface waters, in all cases with a minimum of 20 feet of undisturbed vegetated buffer.
6. Within three days of the last activity in an area, all exposed soil areas, where construction activities are complete, shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tack on slopes steeper than 3:1 or netting /matting and pinning on slopes steeper than 2:1.
7. Where construction activities have been temporarily suspended within the growing season, all exposed soil areas shall be stabilized within 14 days by seeding and mulching or if temporarily suspended outside the growing season, all exposed areas shall be stabilized within 14 days by mulching, mulching with tack on slopes steeper than 3:1 and stabilized by matting and pinning on slopes steeper than 2:1.
8. The contractor responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
9. Extreme precautions to be taken within riparian areas to limit unnecessary removal of vegetation during road construction and areas cleared of vegetation to be revegetated as quickly as possible.
10. There shall be no further alteration to wetlands or surface waters without amendment of this permit.
11. Proper headwalls shall be constructed within seven days of culvert installation.
12. Work shall be done during low flow.

13. The transition between culvert inlets and outlets to natural stream profiles are to be constructed and graded in a manner that does not impact passage of aquatic life and ensures continued watercourse connectivity.
14. This approval is not valid until DES receives a one-time payment of $40,800.00 to the DES Aquatic Resource Mitigation (ARM) Fund.
The applicant shall remit payment to DES. If DES does not receive payment within 120 days of the date of this approval letter, DES will deny the application.

With Findings:
1. This is a major impact project per Administrative Rule Env-Wt 303.02(p), replacement of a stream crossing within a Designated River corridor and is a tier 3 stream per Rule Env-Wt 904.04.
2. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01.
3. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Env-Wt 302.03.
4. The applicant has demonstrated by plan and example that each factor listed in Env-Wt 302.04(a) Requirements for Application Evaluation, has been considered in the design of the project.
5. The project was discussed and coordinated through discussions on Aug. 15, 2012 and Sept. 16, 2015 at the monthly Natural Resource Agency Meeting held at the NH Dept. of Transportation.
6. Although there were some Natural Heritage Bureau records it was determined that one is immediately adjacent to the limits of the work area but should not be impacted by the project and the other record is unlikely to be present.
7. The proposed textured culverts addressed the concerns expressed by the NH Fish and Game Dept.
8. On March 24, 2016 the Local River Advisory Committee (LAC) submitted a letter commenting they did not find a hydraulic analysis and questioned if the inverts will accommodate aquatic organisms and if the designs incorporate water diversions and treatment.
9. On April 25, 2016 the applicant responded to the LAC.
10. The DES has included conditions on the approval to assure the LAC comments received are incorporated during construction.

Mitigation Findings:

11. The applicant has reviewed on-site options for mitigation and the department has determined that this project is acceptable for payment to the Aquatic Resource Mitigation (ARM) Fund.
12. The payment calculated for the proposed wetland loss equals $40,800.00.
13. The Department decision is issued in letter form and upon receipt of the ARM fund payment, the Department shall issue a posting permit in accordance with Env-Wt 803.08(f).

2016-00721 ACWORTH, TOWN OF
ACWORTH Great Brook

Requested Action:
Replace a 9 ft. x 14 ft. x 31 ft. long culvert with a 30.3 ft. span bridge and construct a fish weir at the outlet scour hole impacting 1,000 sq. ft. (270 lin. ft.) within the bed and banks of Great Brook.
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APPROVE PERMIT:
Dredge and fill 1,000 sq. ft. (impacting 270 lin. ft.) within the bed and banks of Great Brook (Tier 3 stream crossing) to remove the existing 9' x 14' x 31' long Corrugated Metal Pipe and construct a new 30.3 lin. ft. clear span bridge.

With Conditions:
1. All work shall be in accordance with revised plans and narratives for the Town of Acworth by Eckman Engineering, LLC, plans dated May 2016, as received by the NH Department of Environmental Services (DES) on May 16, 2016.
2. If any work associated with the project authorized by this permit will encroach on an abutter's property or occur within 20 feet of the property line, then prior to starting work the permitee shall (1) obtain temporary construction easements or other written

agreements from the owner of the abutting property, and (2) submit a copy of each agreement to the DES Wetlands Program.
3. This permit is contingent on review and approval, by the DES Wetlands bureau, of a final erosion control plan prepared by a New Hampshire Licensed Professional Engineer ("PE"). Those plans shall depict all temporary impacts and show temporary siltation/erosion/turbidity control measures implemented.
4. A qualified professional shall monitor the project during construction to assure it is constructed in accordance with the approved plans and narratives and to assure no water quality violations occur. A monitoring report shall be submitted to DES within 30 days of completion of the crossing.
5. Extreme precautions shall be taken within riparian areas to limit unnecessary removal of vegetation during construction and areas cleared of vegetation to be revegetated with native like species within three days of the completion of this project.
6. All in-stream work, inclusive of work associated with installation of a cofferdam, shall be conducted during low flow conditions and in a manner that will not cause or contribute to any violations of surface water quality standards in RSA 485-A or NH Code Admin. Rules Env-Wq 1700.
7. Appropriate siltation and erosion controls shall be in place prior to construction, shall be maintained during construction, and remain until the area is stabilized. Silt fence(s) must be removed once the area is stabilized.
8. Appropriate turbidity controls shall be installed prior to construction, shall be maintained during construction such that no turbidity escapes the immediate work area, and shall remain until suspended particles have settled and the water at the work site has returned to normal clarity.
9. The Contractor responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
10. Prior to commencing work on a substructure located within surface waters, a cofferdam shall be constructed to isolate the substructure work area from the waters.
11. No work within the confined area shall proceed until the cofferdam is fully effective, and water flow is controlled.
12. Discharge from dewatering of work areas shall be to sediment basins that are: a) located in uplands; b) lined with hay bales or other acceptable sediment trapping liners; c) set back as far as possible from wetlands and surface waters, in all cases with a minimum of 20 feet of undisturbed vegetated buffer.
13. Dredged material shall be placed outside of the jurisdiction of the DES Wetlands Bureau.
14. Temporary cofferdams shall be entirely removed immediately following construction.
15. Construction equipment shall be inspected daily for leaking fuel, oil and hydraulic fluid.
16. Faulty equipment shall be repaired prior to construction.
17. The contractor shall have appropriate oil spill kits on site and readily accessible at all times during construction and each operator shall be trained in its use.
18. All refueling of equipment shall occur outside of surface waters or wetlands during construction.
19. Materials used to emulate a natural channel bottom must be consistent with the streambed materials identified in the reference reach. The final surface of the stream channel bed shall be restored at natural grade using natural round stone or existing streambed materials and shall not include angular riprap or gravel unless specifically identified on the approved plans.
20. Within three days of final grading or temporary suspension of work in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tackifiers. Stabilization shall include mulching with tackifiers on slopes less than 3:1 or netting and pinning on slopes steeper than 3:1.
21. Within three days of final grading in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season , or if not within the growing season, by mulching with tack or netting and pinning on slopes steeper than 3:1.
22. Where construction activities have been temporarily suspended within the growing season, all exposed areas shall be stabilized within 14 days by mulching and seeding.
23. Where construction activities have been suspended outside the growing season, all exposed areas shall be stabilized within 14 days by mulching and tack. Slopes steeper than 3:1 shall be stabilized by matting and pinning.
24. Any future work on this property that is within the jurisdiction of the DES Wetlands Bureau as specified in RSA 482-A will require a new application and approval by the Bureau.

With Findings:
1. This is a Major Project per Administrative Rule Env-Wt 303.02(p), Any project that includes a new or replacement stream crossing which meets the criteria for a Tier 3 stream crossing as specified in Env-Wt 904.04(a).
2. A request for Expedited Review per the DES Standard Operating Procedure (SOP) #113-1 was approved by the DES

Commissioner's office.
3. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01. The existing bridge was ordered closed to traffic by NHDOT in December 2015 as it has become structurally deficient. The crossing is necessary for emergency and commercial access.
4. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Env-Wt 302.03.
5. The applicant has addressed the General Design Considerations identified under Env-Wt 904.01.
6. The applicant has demonstrated by plan and example that each factor listed in Env-Wt 302.04(a) Requirements for Application Evaluation, has been considered in the design of the project.
7. The average bankfull width at the centerline of the proposed crossing was determined by the applicant to be approximately 23' and averages 27' along the length of the design reach.
8. The stream was classified by the agent as a Rosgen A3 channel.
9. The existing structure is a 9' x 14' CMP culvert approximately 31' in length.
10. A Hydrologic and Hydraulic analysis, dated February 19, 2016 was prepared by Eckman Engineering, LLC. The proposed crossing utilizes a 30.3' span and would provide 223.5 sq. ft. of hydraulic opening, with a headwater depth of 4.45 feet for the 100-year design storm. Additionally the design maintains approximately 3.0' of freeboard from the lower chord of the bridge.
11. The replacement structure was designed in accordance with Administrative Rule Env-Wt 904.05 to the maximum extent practicable.
12. The applicant has addressed the General Administrative Design Consideration for stream crossing in accordance with Administrative Rule Env-Wt 904.01.
13. The project engineer has indicated the proposed structure will not affect the flood stages on any abutting properties.
14. The project plans are stamped by a New Hampshire Licensed Professional Engineer ("PE") and a Certified Wetland Scientist ("CWS").
15. A proposed fieldstone fish weir has been removed from the plan (revised plan dated May 2016) following coordination with NH Fish & Game, Fish Habitat Biologist, John MaGee.
16. The Town of Acworth Conservation Commission has signed the permit application dated March 19, 2016.
17. The proposed project was determined to be self-mitigating and compensatory mitigation was not required for the impacts. The permanent impacts for the project are less than 10,000 sq. ft.
18. DES has not received any abutter or public comments in objection to the proposed project.
19. In accordance with RSA 428-A:8, DES finds that the requirements for a public hearing do not apply as the permitted project is not of substantial public interest, and will not have a significant impact on or adversely affect the values of the riverine resource, as identified under RSA 482-A:1.

2016-00791 HOOKSETT, TOWN OF
HOOKSETT Merrimack River

Requested Action:
Dredge and fill 4,570 square feet within the bed and banks of the Merrimack River (impacting 117 linear feet), and temporarily impact an additional 14,700 square feet to replace an existing deteriorated 488 foot long bridge and associated sewer line with a new 488 foot long pedestrian bridge and sewer line, which includes repairing the existing concrete piers and abutments and installing riprap around their base.
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APPROVE PERMIT:
Dredge and fill 4,570 square feet within the bed and banks of the Merrimack River (impacting 117 linear feet), and temporarily impact an additional 14,700 square feet to replace an existing deteriorated 488 foot long bridge and associated sewer line with a new 488 foot long pedestrian bridge and sewer line, which includes repairing the existing concrete piers and abutments and installing riprap around their base.

With Conditions:
1. All work shall be in accordance with plans and narratives by Dubois & King, Inc. for Lilac Pedestrian Bridge, Town of Hooksett

dated April 2016, as received by the NH Department of Environmental Services (DES) on May 23, 2016.
2. Plans dated April 2016 indicate 'Not For Construction Preliminary Plans'. This permit is contingent on review and approval, by the DES Wetlands bureau, of a final plan prepared by a New Hampshire Licensed Professional Engineer ("PE"). Those plans shall depict all permanent and temporary impacts and show temporary siltation/erosion/turbidity control measures implemented.

3. This permit is not valid until the applicant/owner obtains construction easements on abutting parcels or written permission from abutting property owners if work is beyond the ROW. The permittee shall submit a copy of each recorded easement to the DES Wetlands Program prior to construction.

4. All construction activities shall be performed in accordance with the signed Memorandum of Agreement (MOA) between the Town of Hooksett, New England District, U.S. Army Corps of Engineers (USACE), NH Dept. of Transportation (NHDOT), and the NH State Historic Preservation Office (NHSHPO) per letter dated June 11, 2015.

5. This permit is contingent on review and approval by the DES Wastewater Engineering Bureau.
6. All activities shall be in accordance with the Shoreland Water Quality Protection Act, RSA 483-B. The owner is responsible for obtaining any Shoreland Permit that may be required per RSA 483-B, for construction, excavation or fill that will occur within the Protected Shoreland.
7. No person undertaking any activity shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards in RSA 485-A and Env-Wq 1700.
8. A certified wetlands scientist or qualified professional, as applicable, shall monitor the project during construction to verify that all work is done in accordance with the approved plans and narratives, adequate siltation and erosion controls are properly implemented, and no water quality violations occur. A follow-up report including photographs of all stages of construction shall be submitted to the DES Wetlands Program within 60 days of final site stabilization.
9. Work within the river, inclusive of work associated with installation of a cofferdam and temporary access, shall be limited to periods of low flow. High flows can be caused by seasonal runoff or precipitation; the permittee shall monitor local forecasts to review weather conditions.
10. Appropriate siltation and erosion controls shall be in place prior to construction, shall be maintained during construction, and remain until the area is stabilized. Silt fence(s) must be removed once the area is stabilized.
11. Appropriate turbidity controls shall be installed prior to construction, shall be maintained during construction such that no turbidity escapes the immediate work area, and shall remain until suspended particles have settled and the water at the work site has returned to normal clarity.
12. The Contractor responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
13. Prior to commencing work on a substructure located within surface waters, a cofferdam shall be constructed to isolate the substructure work area from the waters. Cofferdams shall be constructed per NHDOT Section 503.
14. No work within the confined area shall proceed until the cofferdam is fully effective, and water flow is controlled.
15. Temporary cofferdams shall be entirely removed immediately following construction.

16. The temporary wetland impact areas shall be restored to pre-construction condition following completion of substructure construction.
17. Extreme precautions shall be taken within riparian areas to limit unnecessary removal of vegetation during construction and areas cleared of vegetation to be revegetated with native like species within three days of the completion of this project.
18. There shall be no removal of mature white pines for the project.
19. Discharge from dewatering of work areas shall be to sediment basins that are: a) located in uplands; b) lined with hay bales or other acceptable sediment trapping liners; c) set back as far as possible from wetlands and surface waters, in all cases with a minimum of 20 feet of undisturbed vegetated buffer.
20. Dredged material shall be placed outside of the jurisdiction of the DES Wetlands Bureau.
21. Construction equipment shall be inspected daily for leaking fuel, oil and hydraulic fluid.
22. Faulty equipment shall be repaired prior to construction.
23. The contractor shall have appropriate oil spill kits on site and readily accessible at all times during construction and each operator shall be trained in its use.
24. All refueling of equipment shall occur outside of surface waters or wetlands during construction.
25. Within three days of final grading or temporary suspension of work in an area that is in or adjacent to wetlands or surface waters,

all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tack or netting and pinning on slopes steeper than 3:1.
26. Within three days of final grading in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season , or if not within the growing season, by mulching with tack or netting and pinning on slopes steeper than 3:1.
27. Where construction activities have been temporarily suspended within the growing season, all exposed areas shall be stabilized within 14 days by mulching and seeding.
28. Where construction activities have been suspended outside the growing season, all exposed areas shall be stabilized within 14 days by mulching and tack. Slopes steeper than 3:1 shall be stabilized by matting and pinning.
29. Any future work on this property that is within the jurisdiction of the DES Wetlands Bureau as specified in RSA 482-A will require a new application and approval by the Bureau.

With Findings:
1. This is a Major Project per Administrative Rule Env-Wt 303.02(p), as the bridge project includes a new or replacement stream crossing which meets the criteria for a tier 3 stream crossing as specified in Env-Wt 904.04(a).
2. A request for Expedited Review per the DES Standard Operating Procedure (SOP) #113-1 was approved by the DES Commissioner's office.
3. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01. The impact is necessary to address scouring that is occurring at the existing structures. The applicant's engineer indicated the existing bridge is at risk for failure. Failure of the existing bridge would result in impacts to the surface water as a result of raw sewerage being released into the river.
4. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Env-Wt 302.03.
5. The applicant has demonstrated by plan and example that each factor listed in Env-Wt 302.04(a) Requirements for Application Evaluation, has been considered in the design of the project.
6. The applicant has requested approval of the Tier 3 stream crossing as an alternative design per criteria specified in Env-Wt 904.09. The applicant agent indicates the stream crossing is geomorphically compatible with the existing stream and meets the intent of the NH Stream Crossing Guidelines and Env-Wt 904.05 and 904.01, however does not meet the guideline requirement for 1.2xBankful width+2'. The existing piers and abutments are in a condition that allows them to be utilized for the replacement superstructure, with minimal work and significant cost savings to the Town.
7. A Memorandum of Agreement Regarding the Hooksett 29655 project plans to replace the closed Lilac Bridge (083/150) crossing over the Merrimack River was signed by the Town of Hooksett, New England District, U.S. Army Corps of Engineers (USACE), NH Dept. of Transportation (NHDOT), and the NH State Historic Preservation Office (NHSHPO) per letter dated June 11, 2015.
8. The project plans are stamped by a New Hampshire Licensed Professional Engineer ("PE").
9. The New Hampshire Natural Heritage Bureau (NHB) review identified the Brook Floater (Alasmidonta varicose) and Bald Eagle (Haliaeetus leucocephephalus) within the project vicinity per review dated February 10, 2016.
10. NH Fish & Game does not expect impacts to Bald Eagle roost and perch trees as long as no mature pines are removed during the course of the project per email dated February 11, 2016.
11. NH Fish & Game does not expect impacts to the state endangered brook floater mussel based on the Phase 1 mussel survey conducted by Oak Hill Environmental Services on September 20, 2015 for the proposed demolition and replacement of the existing Lilac Bridge over the Merrimack River in Hooksett per email letter dated February 11, 2016.
12. The Town of Hooksett Conservation Commission has signed the permit application on March 28.
13. The United States Department of Interior, Fish and Wildlife Service letter dated April 26, 2016 indicated the Small Whorled pogonia (Isotria medeoloides) and the Northern long-eared Bat (Myotis septentrionalis) within the geographic area. The report indicated there are no critical habitats within the project area.
14. DES has not received any abutter or public comments in objection to the proposed project.
15. In accordance with RSA 428-A:8, DES finds that the requirements for a public hearing do not apply as the permitted project is not of substantial public interest, and will not have a significant impact on or adversely affect the values of the riverine resource, as identified under RSA 482-A:1.
16. The proposed project was determined to be self-mitigating and compensatory mitigation was not required for the impacts. The

temporary impacts will be restored and the permanent impacts for the project are less than 10,000 sq. ft.

MINOR IMPACT PROJECT

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2012-02623 JAG REALTY LLC
ALTON

Requested Action:
Amend permit to increase culvert size from 18" to 24", add 30' of stone apron to culvert outfall, and remove 63' of riprap from stream that was inadvertently installed. In addition, a name change is requested from Richard Lundy to JAG Realty LLC
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APPROVE AMENDMENT:
Amend permit to read: Retain and modify 4,920 sq. ft. of existing forested wetland impacts and restore 649 sq. ft. of forested wetlands for access, drainage and site development for a proposed expansion of an existing commercial facility. Work in wetlands consists of replacement of a 12 in x 70 ft. culvert with a 24 in. x 40 ft. culvert with associated grading, filling, outlet protection and culvert headwalls; replacement of a 12 in. x 60 ft. culvert with a 24 in. x 50 ft. culvert with associated grading, filling, inlet protection, culvert headwalls, and slope grading and associated wetland restoration. The project also includes a stormwater treatment and drainage system, 1,722 sq. ft. of wetland buffer plantings, and removal of 63 linear feet of riprap that was incorrectly installed in a stream.

With Conditions:
1. All work shall be in accordance with revised plans by Varney Engineering, LLC dated July 15, 2015, as received by the NH Department of Environmental Services (DES)on April 29, 2016, and in accordance with narratives and "Proposed Wetland Restoration Sequence" submitted by Stoney Ridge Environmental, LLC, as received by DES on February 21, 2013
2. A qualified professional shall monitor the project during construction to assure it is constructed in accordance with the approved plans and narratives and to assure no water quality violations occur. A follow-up report shall be submitted to the Wetlands Bureau within 60 days of the completion of construction and after one full growing season.
3. Wetland restoration, stabilization and buffer plantings areas shall have at least 75% successful establishment after one growing seasons, or it shall be replanted and re-established in a manner satisfactory to the DES Wetlands Bureau.
4. Appropriate siltation/erosion/turbidity controls shall be in place prior to construction, shall be maintained during construction, and remain in place until the area is stabilized. Silt fence(s) must be removed once the area is stabilized.
5. Work shall be done during low flow or non-flow.
6. Discharge from dewatering of work areas shall be to sediment basins that are: a) located in uplands; b) lined with hay bales or other acceptable sediment trapping liners; c) set back as far as possible from wetlands and surface waters, in all cases with a minimum of 20 feet of undisturbed vegetated buffer.
7. Dredged material shall be placed outside of the jurisdiction of the DES Wetlands Bureau.
8. Within three days of final grading, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tack or netting and pinning on slopes steeper than 3:1.
9. Where construction activities have been temporarily suspended within the growing season, all exposed soil areas shall be stabilized within 14 days by seeding and mulching.
10. Where construction activities have been temporarily suspended outside the growing season, all exposed areas shall be stabilized within 14 days by mulching and tack. Slopes steeper than 3:1 shall be stabilized by matting and pinning.
11. The contractor responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
12. Construction equipment shall be inspected daily for leaking fuel, oil and hydraulic fluid prior to entering surface waters or wetlands. Faulty equipment shall be repaired immediately.

13. The contractor shall have appropriate oil spill kits on site and readily accessible at all times during construction and each operator shall be trained in its use.
14. All refueling of equipment shall occur outside of surface waters or wetlands during construction.
15. Any future work on this property that is within the jurisdiction of the DES Wetlands Bureau as specified in RSA 482-A will require a new application and approval by the Bureau.

With Findings:
1. This is a Minor Project per Administrative Rule Env-Wt 303.03(h) Projects involving less than 20,000 square feet of alteration in the aggregate in nontidal wetlands, nontidal surface waters, or banks adjacent to nontidal surface waters which exceed the criteria of Env-Wt 303.04(f).
2. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01.
3. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Env-Wt 302.03.
4. The applicant has demonstrated by plan and example that each factor listed in Env-Wt 302.04(a) Requirements for Application Evaluation, has been considered in the design of the project.
5. The proposed project impacts were reduced due to an additional onsite wetland delineation that found portions of the site previously identified as filled wetlands were actually filled uplands.
6. The Conservation Commission had made comments on the original application but after the proposal was modified they submitted a letter of no objection.
7. The Town provided an authorization letter for the impacts on Town property.
8. In addition to the retained wetland impacts the project includes a new a stormwater treatment/drainage system designed by a licensed engineer, wetlands restoration and stabilization and wetland buffer plantings.
9. DES has not received any comments in objection to the proposed project.
10. An plan amendment and name change request was received by DES on April 29, 2016 to increase culvert size from 18" to 24", add 30' of stone apron to culvert outfall, and remove 63' of riprap from stream that was inadvertently installed. The name change request is from Richard Lundy to JAG Realty LLC.

2016-00616 MUSIAL, STEVEN
MANCHESTER Merrimack River

Requested Action:
Dredge and fill 428 sq. ft. (104 lin. ft.) of the bed and bank of the Merrimack River to construct a stormwater outfall for a proposed 31 lot residential subdivision Edgewater Estates).
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Conservation Commission/Staff Comments:
04/25/2016 A copy of correspondence from Eversource to the agent from TES Environmental Consultants, LLC.

APPROVE PERMIT:
Dredge and fill 428 sq. ft. (104 lin. ft.) of the bed and bank of the Merrimack River to construct a stormwater outfall for a proposed 31 lot residential subdivision Edgewater Estates).

With Conditions:
1. All work shall be in accordance with plans by Northpoint Engineering, LLC prepared for Edgewater Estates, Manchester, NH entitled Wetland Impact Exhibit dated February 24, 2016, Cross Section Exhibit dated January 13, 2016, and Plan set dated December 29, 2014 with revisions as received by the NH Department of Environmental Services (DES) on March 10, 2016.
2. This permit is not valid unless an Alteration of Terrain permit or other method of compliance with RSA 485-A:17 and Env-Wq 1500 is achieved.
3. This permit is contingent on approval by the DES Subsurface Systems Bureau.
4. All activities shall be in accordance with the Shoreland Water Quality Protection Act, RSA 483-B. The owner is responsible for obtaining any Shoreland Permit that may be required per RSA 483-B, for construction, excavation or fill that will occur within the

Protected Shoreland.
5. This permit shall not be effective until it has been recorded with the Registry of Deeds Office by the Permittee. A copy of the registered permit shall be submitted to the DES Wetlands Bureau.
6. No person undertaking any activity shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards in RSA 485-A and Env-Wq 1700.
7. If any work associated with the project authorized by this permit will encroach on an abutter's property or occur within 20 feet of the property line, then prior to starting work the permitee shall (1) obtain temporary construction easements or other written agreements from the owner of the abutting property, and (2) submit a copy of each agreement to the DES Wetlands Program.
8. Work shall be done during low flow.
9. Work shall be conducted in a manner so as to minimize turbidity and sedimentation to surface waters and wetlands.
10. Appropriate siltation/erosion controls shall be in place prior to construction, shall be maintained during construction, and remain until the area is stabilized. Silt fence(s) must be removed once the area is stabilized.
11. Appropriate turbidity controls shall be installed prior to construction, shall be maintained during construction such that no turbidity escapes the immediate work area, and shall remain until suspended particles have settled and the water at the work site has returned to normal clarity.
12. The contractor responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
13. Extreme precautions shall be taken within riparian areas to limit unnecessary removal of vegetation during construction.
14. All trees located along the western side (river side) of the railroad tracks shall be preserved.
15. A temporary turbidity curtain shall be placed at the limit of the permitted temporary impact area prior to placement of rip rap along the bank of the Merrimack River.
16. Dredged material shall be placed outside of the jurisdiction of the DES Wetlands Bureau.
17. Proper headwalls shall be constructed within seven days of culvert installation. Per Env-Wt 304.07, Embankments adjacent to culverts and other stream crossings shall have appropriate slope protection, such as vegetated stabilization, rip-rap, or concrete or stone headwalls, where flowing water conditions exist.
18. Excavated soil materials containing Invasive Plant Species shall be managed according to the NHDOT Best Management Practices for Invasive Plant Species.
19. Within three days of final grading or temporary suspension of work in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tack or netting and pinning on slopes steeper than 3:1.
20. There shall be no further alteration of wetlands for lot development, driveways, culverts, or for septic setback.
21. The deed which accompanies the sales transaction for each of the lots in this subdivision shall contain condition #19 of this approval.

With Findings:
1. This is a Minor impact project per Administrative Rule Env-Wt 303.03 (l) as the project would alter the course of or disturb less than 200 linear feet of an intermittent or perennial nontidal stream or river channel or its banks and do not meet the criteria for minimum impact under Env-Wt 303.04(n). For intermittent streams, this distance shall be measured along the thread of the channel. For perennial streams or rivers, the total disturbance shall be calculated by summing the lengths of disturbances to the channel and the banks.
2. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01. The wetland impact is necessary to develop an outfall for a proposed subdivision. The applicant indicated the impacts are not avoidable for the site development since there is no alternative location given the nature of the landform and the proximity of the river.
3. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Env-Wt 302.03. The applicant stated the proposed stormwater outfall is situated at an existing eroding portion of the banks of the Merrimack River and therefore will result in stabilizing the bank at that location and placing the riprap outlet apron mostly within the former footprint of the eroded bank.
4. The applicant has demonstrated by plan and example that each factor listed in Env-Wt 302.04(a) Requirements for Application Evaluation, has been considered in the design of the project.
5. Public Service of New Hampshire d/b/a Eversource regulates certain aspects of shoreline development along its Federal Energy Regulatory Commission (FERC) Merrimack River hydroelectric project. Eversource has reviewed the proposed project and determined the stormwater outfall is an allowable use within an area classified as Resource Management for aquatic beds and known

perching and foraging habitat for Bald Eagles per the PSNH Shoreline Management Plan.
6. The New Hampshire Natural Heritage Bureau NHB datacheck results letter dated February 26, 2016 identified the Brook Floater (Alasmidonta varicosa) and the Bald Eagle (Haliaeetus leucoephalus) within the proposed project area.
7. The NH Fish & Game (NHFG) Nongame and Endangered Species Program has reviewed the proposed subdivision project. The location of the proposed basin has been configured on the eastern side of the railroad tracks, all trees located along the western side (river side) of the railroad tracks shall be preserved, and erosion and turbidity shall be completely contained within the permitted impact areas in accordance with NHFG recommendations.
8. The EPA has reviewed the proposed project (31 lot subdivision with 428' sq. ft. of wetland impact) and determined the project is eligible as proposed for the NH PGP per letter dated April 20, 2016.
9. The U.S. Fish and Wildlife Service IPaC Trust Resource Report identified there are no critical habitats and no wildlife refuges at the project location.
10. A phase IA Archaeological Sensitivity Assessment and Phase IB Intensive Archaeological Survey was completed for the proposed Edgewater Estates development by Monadnock Archaeological Consulting, LLC. No archaeological sites or areas of archaeological sensitivity were identified and no further study is recommended.

MINIMUM IMPACT PROJECT

****

2016-00628 BELMONT, TOWN OF
BELMONT Pump Station Branch

Requested Action:
Dredge and fill 177 sq. ft., and temporarily impact 203 sq. ft., of perennial stream and banks to install temporary flow diversion structures and complete embankment stabilization improvements at the crossing of Pumping Station Branch Brook at Wareing Road.
****

Conservation Commission/Staff Comments:
4/08/16 - No historic properties affected per DHR.

APPROVE PERMIT:
Dredge and fill 177 sq. ft., and temporarily impact 203 sq. ft., of perennial stream and banks to install temporary flow diversion structures and complete embankment stabilization improvements at the crossing of Pumping Station Branch Brook at Wareing Road.

With Conditions:
1. All work shall be in accordance with revised plans by Underwood Engineers titled Wareing Road Roadway Improvements dated March 2016 as received by the Department on May 27, 2016.
2. This permit is not valid until the applicant/owner obtains construction easements on abutting parcels or written permission from abutting property owners if work is beyond the ROW.
3. This permit is contingent on review and approval, by the DES Wetlands bureau, of a final stream diversion/dewatering plan prepared by a New Hampshire Licensed Professional Engineer ("PE"). Those plans shall depict all temporary impacts and show temporary siltation/erosion/turbidity control measures implemented.
4. There shall be no excavation or operation of construction equipment in flowing water.
5. Work shall be conducted in a manner so as to minimize turbidity and sedimentation to wetlands and surface waters.
6. Appropriate siltation/erosion controls shall be in place prior to construction, shall be maintained during construction, and remain until the area is stabilized. Silt fence(s) must be removed once the area is stabilized.
7. Appropriate turbidity controls shall be installed prior to construction, shall be maintained during construction such that no turbidity escapes the immediate work area, and shall remain until suspended particles have settled and the water at the work site has returned to normal clarity.
8. The contractor responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater

Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
9. Temporary erosion controls shall be installed and maintained within drainage swales until the swales are vegetated and fully established.
10. No work within the stream channel shall proceed until the cofferdam is fully effective, and water flow is controlled.
11. Work within the stream, inclusive of work associated with installation of a cofferdam and temporary access, shall be limited to periods of low flow. High flows can be caused by seasonal runoff or precipitation; the permittee shall monitor local forecasts to review weather conditions.
12. Discharge from dewatering of work areas shall be to sediment basins that are: a) located in uplands; b) lined with hay bales or other acceptable sediment trapping liners; c) set back as far as possible from wetlands and surface waters, in all cases with a minimum of 20 ft. of undisturbed vegetated buffer.
13. All dredged and excavated material and construction-related debris shall be placed outside of the areas subject to RSA 482-A .
14. Area of temporary impact shall be regraded to original contours following completion of work.
15. The final surface of the stream channel bed shall be restored at natural grade using natural round stone or existing streambed materials and shall not include angular rip-rap.
16. Construction equipment shall be inspected daily for leaking fuel, oil and hydraulic fluid. Faulty equipment shall be repaired prior to construction.
17. Faulty equipment shall be repaired prior to entering jurisdictional areas.
18. The contractor shall have appropriate oil spill kits on site and readily accessible at all times during construction and each operator shall be trained in its use.
19. All refueling of equipment shall occur outside of surface waters or wetlands during construction.
20. Discharge from dewatering of work areas shall be to sediment basins that are: a) located in uplands; b) lined with hay bales or other acceptable sediment trapping liners; c) set back as far as possible from wetlands and surface waters, in all cases with a minimum of 20 ft. of undisturbed vegetated buffer.
21. Within three days of final grading or temporary suspension of work in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tack or netting and pinning on slopes steeper than 3:1.

With Findings:
1. This is a Minimum impact project per Administrative Rule Env-Wt 303.04(f), Projects involving alteration of less than 3,000 square feet in swamps or wet meadows that are not in prime wetlands or do not meet the requirements of Env-303.02(k), provided that no previous department permit has placed restrictions on the property of the applicant.
2. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Env-Wt 302.03. the applicant evaluated options including no action, riprap slope stabilization, and reconstruction of crossing using Tier 3 design criteria.
3. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01. The intent of the project is to complete roadway and ditching improvements, mitigating current ditch erosion and sedimentation issues.
4. The applicant has demonstrated by plan and example that each factor listed in Env-Wt 302.04(b) Requirements for Application Evaluation, has been considered in the design of the project.
5. The embankment stabilization is proposed adjacent to existing culverts along Pumping Station Branch Brook (Tier 3).
6. The crossing consists of 1-48" culvert and 3-36" concrete culverts. All existing culverts are to remain and will not be disturbed. No changes to the channel alignments or invert elevations are proposed. The applicant's engineer indicated the existing hydraulics will remain unchanged.
7. The Town of Belmont Conservation Commission signed the wetland permit application on March 10, 2016.No comments of concerns were submitted from the Conservation Commission.
8. The New Hampshire Natural Heritage Bureau database has been checked for records of rare species and exemplary natural communities. The records indicate no occurrences for sensitive species near this project per letter dated November 11, 2015.
9. The New Hampshire Division of Historical Resources has reviewed the proposed project and determined there are no historic properties affected per letter dated March 24, 2016.
10. The Department of Environmental Services Alteration of Terrain Bureau has granted a waiver request of Env-Wq 1503.03 and determined the request will not result in an adverse impact on the environment, public health, public safety, or abutting properties that is more significant than that which would result from complying with the rule per letter dated February 17, 2016.

2016-00661 AKWA VISTA LLC
LACONIA Unnamed Wetland And Intermittent Stream

Requested Action:
Dredge and fill 104 square feet of palustrine scrub-shrub wetland and temporarily impact 108 square feet of scrub-shrub wetland and 28 square feet within an intermittent stream (impacting 14 linear feet) to construct a walking trail.
****

Conservation Commission/Staff Comments:
03/11/2016 Con. Com. has requested a presentation of the applicant's plan at their 03/16/16 meeting and to be prepared to discuss alternative crossings and to verify the addition of a culvert.

APPROVE PERMIT:
Dredge and fill 104 square feet of palustrine scrub-shrub wetland and temporarily impact 108 square feet of scrub-shrub wetland and 28 square feet within an intermittent stream (impacting 14 linear feet) to construct a walking trail.

With Conditions:
1. All work shall be in accordance with plans by SGC Engineering LLC last revised on September 19, 2015, as received by the NH Department of Environmental Services (DES) on March 16, 2016.
2. Any further alteration of areas on this property that are subject to RSA 482-A jurisdiction will require a new application and further permitting.
3. No person undertaking any activity shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards in RSA 485-A and Env-Wq 1700.
4. Appropriate siltation and erosion controls shall be in place prior to construction, shall be maintained during construction, and shall remain until the area is stabilized. Temporary controls shall be removed once the area has been stabilized.
5. Erosion control products shall be installed per manufacturers recommended specifications.
6. The contractor responsible for completion of the work shall use techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
7. All trail work shall be done in accordance with the "Best Management Practices for Erosion Control during Trail Maintenance and Construction", by NH Dept. of Resources and Economic Development.
8. Extreme precautions shall be taken within riparian areas to prevent unnecessary removal of vegetation during construction. Areas cleared of vegetation must be revegetated with like native species within three days of the completion of the disturbance.
9. Stream work shall be done during low flow or dry conditions.
10. Proper headwalls shall be constructed within seven days of culvert installation.
11. Within three days of final grading or temporary suspension of work in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tackifiers on slopes less than 3:1 or netting and pinning on slopes steeper than 3:1.

With Findings:
1. The project is classified as a Minimum Impact Project per NH Administrative Rule Env-Wt 303.04(y), for trail construction projects.
2. The need for the proposed impacts has been demonstrated by the applicant per Rule Env-Wt 302.01.
3. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Rule Env-Wt 302.03.
4. The applicant has demonstrated by plan and example that each factor listed in Rule Env-Wt 302.04(b) Requirements for Application Evaluation, has been considered in the design of the project.
5. The Laconia Conservation Commission submitted a report to DES on March 10, 2016, that requested the applicant make a presentation at an upcoming meeting to discuss alterative wetland crossings.

FORESTRY NOTIFICATION

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2016-01404 MCINERNEY, BRIAN/CHRISTINE
LEBANON Unnamed Stream

COMPLETE NOTIFICATION:
Lebanon, Tax Map #138, Lot #11

2016-01451 HOLMES, JILL
DEERFIELD Unnamed Stream

COMPLETE NOTIFICATION:
Deerfield, Tax Map #420, Lot #14

2016-01453 EASTER, LINDA
CANDIA Unnamed Stream

2016-01454 PRESCOTT, WILLIAM & PATRICIA
NORTHFIELD Unnamed Stream

COMPLETE NOTIFICATION:
Northfield, Tax Map #R-6, Lot #19

2016-01469 DANBURY, TOWN OF
DANBURY Unnamed Stream

COMPLETE NOTIFICATION:
Danbury, Tax Map #408, Lot #60

2016-01473 EVELYN, SCOTT
NORTH SUTTON Unnamed Stream

Requested Action:
Bradford, Tax Map #6, Lot # 750-420
****

2016-01475 MYHRE, GRANT
FARMINGTON Unnamed Stream

Requested Action:
Farmington, Tax Map R64, Lot 009

****

2016-01476 VOYDATCH, MAHALA/STEVEN
FARMINGTON Unnamed Stream

Requested Action:
Farmington, Tax Map R64, Lot # 10&12
****

2016-01479 CITY OF CONCORD
CONCORD Unnamed Stream

Requested Action:
Concord, Tax Map #98, Lot #9, Block #1
****

2016-01490 MARTIN ALLEN TRUST
GOFFSTOWN Unnamed Stream

Requested Action:
Goffstown, Tax Map #1, Lot #61
****

2016-01494 WHITTEMORE, BERT
PEMBROKE Unnamed Stream

COMPLETE NOTIFICATION:
Pembroke, Tax Map #561, Lot #98

2016-01495 HAYNES, STEVE/CYNTHIA
CHARLESTOWN Unnamed Stream

COMPLETE NOTIFICATION:
Charlestown, Tax Map #204, Lot #14

2016-01503 FAIELLA, MARY/MICHAEL
FARMINGTON Unnamed Stream

Requested Action:
Farmington, Tax Map #R-55, Lot #1
****

EXPEDITED MINIMUM

****

2011-01095 SCIOLA, ANTHONY
ALTON Lake Winnipesaukee

Requested Action:
Request permit time extension.
****

Conservation Commission/Staff Comments:
Con Com signed Exp Applicaiton

APPROVE TIME EXTENSION:
Replace a previously damaged docking system and boathouse consisting of a 10 ft 6 in x 36 ft dock connected to a 15 ft 36 ft dock by a 16 ft x 9 ft 6 in walkway in a "U" shaped configuration, with a 19 ft x 32 ft boat house over the center slip, the structure supported by a full "U" shaped crib with dimensions of 8 ft 1 in x 36 ft crib connected to a 14 ft 2 in x 36 ft crib by a 13 ft x 10 ft crib, on and average of 60 ft of frontage, Lake Winnipesaukee, Alton.

With Conditions:
1. All work shall be in accordance with plans as received by the NH Department of Environmental Services (DES) on may 23, 2011, and crib dimension plans received on June 23, 2011.
2. This permit shall not be effective until it has been recorded with the county Registry of Deeds Office by the Permittee. A copy of the recorded permit shall be submitted to the DES Wetlands Bureau, by certified mail, return receipt requested, prior to construction.
3. The repairs shall maintain the size, location and configuration of the pre-existing structures.
4. This permit to replace or repair existing structures shall not preclude the DES from taking any enforcement action or revocation action if the DES later determines that the structures represented as "existing" were not previously permitted or grandfathered.
5. All construction related debris shall be placed outside of the jurisdiction of the DES Wetlands Bureau.
6. Appropriate siltation, erosion, and turbidity controls shall be in place prior to construction, maintained during construction, and shall remain until the area is stabilized.
7. Work authorized shall be carried out such that discharges in spawning or nursery areas during spawning seasons shall be avoided, and impacts to such areas shall be avoided or minimized to the maximum extent practicable during all times of the year.
8. Work shall be carried out in a time and manner such that disturbance to migratory waterfowl breeding areas and spawning areas shall be avoided.
9. Additional expedited minimum impact applications shall be accepted for the subject property for a period of 12 months only if the applicant demonstrates by plan that the additional project(s) are wholly unrelated or separate from the original application and when considered with the original application are not classified as minor or major.
10. All activities shall be in accordance with the Comprehensive Shoreland Protection Act, RSA 483-B. The owner is responsible for obtaining any Shoreland Permit that may be required per RSA 483-B, for construction, excavation or fill that will occur within the Protected Shoreland.

With Findings:
1.The owner, authorized agent or applicant certifies that this permit qualifies for a permit extension in accordance with RSA 482-A:3, XIV-a, and Env-Wt 502.01.
2.This permit has been extended in accordance with RSA 482-A:3, XIV-a and Env-Wt 502.01.

2014-01023 THE DOMENIC D ROSA 2003 TRUST
HAMPTON Atlantic Ocean

Requested Action:
Applicant requests to amended the existing permit to include stairs over the existing riprap wall and privacy fences.
****

Conservation Commission/Staff Comments:
5/1/14 Per DHR, no historic properties affected.

APPROVE AMENDMENT:
Impact an additional 159 square feet for the installation of stairs over the existing rip rap and privacy fences for a total of 2,842 sq. ft. (2,221 sf permanent & 620 sf temporary construction impacts) in the previously disturbed upland tidal buffer zone to construct a house with an attached deck and steps and a permeable walkway and patio.
164 sq. ft. of American Beach Grass will be relocated & replanted in the northeasterly corner of the property.

With Conditions:
1. All work shall be in accordance with the following plans:
a. Plans by MSC civil Engineers & Land Surveyors, Inc. dated February 28, 2014 (last revised 04/22/2014), as received by the NH Department of Environmental Services (DES) on April 30, 2014; and,
b. Plans received by DES on April 25, 2016.
2. DES Wetlands Bureau Southeast Region staff shall be notified in writing prior to commencement of work and upon its completion.
3. There shall be no further alteration of areas within NH DES Wetlands jurisdiction on this lot for any additional lot development or other construction activities.
4. All activities shall be in accordance with the Shoreland Water Quality Protection Act, RSA 483-B. The owner is responsible for obtaining any Shoreland Permit that may be required per RSA 483-B, for construction, excavation or fill that will occur within the Protected Shoreland.
5. The 164 sq. ft. American Beach Grass replication area shall have at least 90% successful establishment after two (2) growing seasons, or it shall be replanted and re-established until a functional stand of American Beach Grass is replicated in a manner satisfactory to the DES Wetlands Bureau.

With Findings:
1. This is a minimum impact project per Administrative Rule Env-Wt 303.04(b) projects in previously developed upland areas within 100 feet of the highest observable tide line.
2. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01.
3. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Env-Wt 302.03.
4. The applicant has demonstrated by plan and example that each factor listed in Env-Wt 302.04(b) Requirements for Application Evaluation, has been considered in the design of the project.
5. The applicant requested a waiver of Env-Wt 304.04(a) as the applicant was unable to obtain written concurrence from the abutter identified as Hampton Tax Map 304 Lot 14.
6. DES hereby grants the waiver of Env-Wt 304.04(a) in accordance with Env-Wt 204.04(a) as granting the request will not result in an adverse effect to the environment or natural resources of the state, public health, or public safety; or an impact on abutting properties that is more significant than that which would result from complying with the rule. Furthermore, granting the request is consistent with the intent and purpose of the rule being waived. Strict compliance with the rule will provide no benefit to the public.

2016-01047 PORTSMOUTH, CITY OF
PORTSMOUTH Cutts Cove

Requested Action:
Cover approximately 157,586 sq. ft. of estuarine bottom with seasoned oyster shell to increase invertebrate diversity and abundance across mudflat areas.
****

APPROVE PERMIT:
Cover approximately 157,586 sq. ft. of estuarine bottom with seasoned oyster shell to increase invertebrate diversity and abundance across mudflat areas.

With Conditions:
1. All work shall be in accordance with plans by Ray Grizzle of the University of New Hampshire dated February 10, 2016, as received by DES on April 20, 2016.
2. Any further alteration of areas on this property that are within the jurisdiction of the DES Wetlands Bureau will require a new application and further permitting by the Bureau.
3. Work authorized shall be carried out such that discharges shall be avoided in spawning or nursery areas during spawning seasons, and impacts to such areas shall be avoided or minimized to the maximum extent practicable during all times of the year.
4. Work shall be carried out in a time and manner such that disturbance to migratory waterfowl breeding and nesting areas shall be avoided.
5. The permittee shall communicate with DES yearly for the life of the permit as to the status of the project's success.

With Findings:
1. This is a minimum impact project per Administrative Rule Env-Wt 303.04(t), restoration of degraded wetlands, and meets the criteria specified Env-Wt 303.04(t)(1)-(4).
2. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01. This project proposes to provide base material for restoration of a historic oyster reef area, as many historic reef areas have been declining due to disease and sedimentation.
3. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Env-Wt 302.03. The proposal was developed in coordination with the University of New Hampshire and is being funded by the DES Aquatic Resource Mitigation Fund ("ARM Fund").
4. The applicant has demonstrated by plan and example that each factor listed in Env-Wt 302.04(b) Requirements for Application Evaluation, has been considered in the design of the project. 5. The NH Natural Heritage Bureau ("NHB") has no record of any sensitive species present within the vicinity of the project area.
6. The Portsmouth Conservation Commission signed the expedited application.

2016-01306 SIEKMAN, JALEEN/MICHAEL
CAMPTON Unnamed Wetland

Requested Action:
Impact 7,400 sf of scrub shrub, poorly drained wetlands to create a wildlife pond. Work includes planting a mix of trees, shrubs and herbaceous vegetation.
****

Conservation Commission/Staff Comments:
5/13/16 - No historic properties affected per DHR.

APPROVE PERMIT:
Impact 7,400 sf of scrub shrub, poorly drained wetlands to create a wildlife pond. Work includes planting a mix of trees, shrubs and herbaceous vegetation.

With Conditions:
1. All work shall be in accordance with plans by McCourt Engineering Associates, PLLC dated 12/21/15, as received by the NH Department of Environmental Services (DES) on May 10, 2016.
2. Appropriate siltation and erosion controls shall be in place prior to construction, shall be maintained during construction, and shall remain until the area is stabilized. Temporary controls shall be removed once the area has been stabilized.
3. Work shall be conducted in a manner so as to minimize turbidity and sedimentation to surface waters and wetlands.

4. All dredged and excavated material and construction-related debris shall be placed outside of the areas subject to RSA 482-A . Any spoil material deposited within 250 feet of any surface water shall comply with RSA-483-B.
5. The contractor responsible for completion of the work shall use techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
6. Erosion control products shall be installed per manufacturers recommended specifications.
7. Mulch used within the wetland restoration areas shall be natural straw or equivalent non-toxic, non-seed-bearing organic material.
8. The permittee shall control invasive plant species such as Purple loosestrife (Lythrum salicaria) and Common reed (Phragmites) by measures agreed upon by the DES Wetlands Program if any such species is found in the stabilization areas during construction or during the early stages of vegetative establishment.
9. A certified wetlands scientist or qualified professional, as applicable, shall monitor the project during construction to verify that all work is done in accordance with the approved plans and narratives, adequate siltation and erosion controls are properly implemented, and no water quality violations occur.
10. A follow-up report including photographs of all stages of construction shall be submitted to the DES Wetlands Program within 60 days of final site stabilization.
11. The Certified Wetland Scientist or Qualified Professional, shall conduct a follow-up inspection in October or November following the first growing season to review the success of the restoration/enhancement/construction area and schedule remedial actions if necessary.

With Findings:
1. This is a minimum impact project per Administrative Rule Env-Wt 303.04(p), alteration of less than 20,000 sq ft for pond construction.
2. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01.
3. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Env-Wt 302.03.
4. The applicant has demonstrated by plan and example that each factor listed in Env-Wt 302.04(b) Requirements for Application Evaluation, has been considered in the design of the project.

GOLD DREDGE

****

2016-01464 DADARIO, ALEX
(ALL TOWNS) Unnamed Stream

Conservation Commission/Staff Comments:
cc: Bath Con Comm

2016-01470 ROHRER, PATRICK
(ALL TOWNS) Unnamed Stream

Conservation Commission/Staff Comments:
cc: Bath Con. Com.

TRAILS NOTIFICATION

****

2016-01257 WHITE MOUNTAIN NATIONAL FOREST
JACKSON Meserve Brook & Tributary

COMPLETE NOTIFICATION:
Town of Jackson Tax Maps R11 & R12, Lots 620B, 416 and 620BI

2016-01395 SOCIETY FOR THE PROTECTION OF NH FORESTS
BETHLEHEM Unnamed Wetland

COMPLETE NOTIFICATION:
Bethlehem Tax Map 407, Lot 25

LAKES-SEASONAL DOCK NOTIF

****

2015-02393 GOYETTE, DONALD
GILFORD Lake Winnipesaukee

COMPLETE NOTIFICATION:
Gilford Tax Map 245, Lot 14; Mark Island, Lake Winnipesaukee

2016-01360 WEBSTER, PATRICIA
ANDOVER Highland Lake

COMPLETE NOTIFICATION:
Andover Tax Map 16, Lot 764-221
Highland Lake

2016-01399 CARLS, KEVIN
MOULTONBOROUGH Lake Winnipesaukee

COMPLETE NOTIFICATION:
Moultonborough Tax Map 223, Lot 43; Lake Winnipesaukee

ROADWAY MAINTENANCE NOTIF

****

2016-01443 NH DEPT OF TRANSPORTATION
ROCHESTER Unnamed Stream

COMPLETE NOTIFICATION:

Replace 18" culvert.

2016-01444 NH DEPARTMENT OF TRANSPORTATION DISTRICT 4
MARLBOROUGH Unnamed Wetland

COMPLETE NOTIFICATION:
Replace an 18" pipe. Extend inlet 5' and outlet 5'.

2016-01445 NH DEPT OF TRANSPORTATION
NEWPORT Unnamed Stream

COMPLETE NOTIFICATION:
Replace 40' of 15" with 40' of 18".

2016-01477 NH DEPT OF TRANSPORTATION
PLYMOUTH Unnamed Stream

COMPLETE NOTIFICATION:
Replacing 50' of 18" culvert.

2016-01482 NH DEPARTMENT OF TRANSPORTATION
GILFORD Unnamed Wetland

COMPLETE NOTIFICATION:
Clean 25 ft. of ditch.

PERMIT BY NOTIFICATION

****

2011-01298 LONG BAY BOAT CLUB
LACONIA Lake Winnipesaukee

Requested Action:
Request permit time extension.
Repair of existing docking structures with no change in size, location or configuration.
****

Conservation Commission/Staff Comments:
Con Com did not sign PBN form

APPROVE TIME EXTENSION:
Repair of existing docking structures with no change in size, location or configuration.

With Findings:

1.The owner, authorized agent or applicant certifies that this permit qualifies for a permit extension in accordance with RSA 482-A:3, XIV-a, and Env-Wt 502.01.
2.This permit has been extended in accordance with RSA 482-A:3, XIV-a and Env-Wt 502.01.

2016-01172 ROYCE, KATHERINE
WOLFEBORO Lake Winnipesaukee

Requested Action:
Repair an 8 ft. 9 in, x 33 ft. 5 in. full crib pier accessed by a 3 ft. 3 in. x 22 ft. walkway in kind on 105 ft. of frontage along Lake Winnipesaukee in Wolfeboro.
****

PBN IS COMPLETE:
Repair an 8 ft. 9 in, x 33 ft. 5 in. full crib pier accessed by a 3 ft. 3 in. x 22 ft. walkway in kind on 105 ft. of frontage along Lake Winnipesaukee in Wolfeboro.

2016-01263 AYERS, SUZANNE
WOLFEBORO Lake Winnipesaukee

Requested Action:
Repair existing piling-supported dock, with no change in location, configuration, construction type or dimensions in accordance with plans by G. Walker Magrauth, dated April 6, 2016.
****

PBN IS COMPLETE:
Repair existing piling-supported dock, with no change in location, configuration, construction type or dimensions in accordance with plans by G. Walker Magrauth, dated April 6, 2016.

2016-01284 ROUSSET, ALAIN/NANCY
LACONIA Lake Winnipesaukee

Requested Action:
Maintenance, repair and replacement in-kind of existing docking structures, with no change in location, configuration, construction type or dimensions in accordance with plans by Watermark Marine Construction dated April 25, 2016.
****

PBN IS COMPLETE:
Maintenance, repair and replacement in-kind of existing docking structures, with no change in location, configuration, construction type or dimensions in accordance with plans by Watermark Marine Construction dated April 25, 2016.

2016-01409 SQUAM LAKE CONSERVATION SOCIETY
HOLDERNESS Squam Lake

Requested Action:
Replenishment of sand on Livermore beach, provided no sand shall be placed below the high water line or full pond elevation and no more than 10 cubic yards of sand shall be used.

****

PBN IS COMPLETE:
Replenishment of sand on Livermore beach, provided no sand shall be placed below the high water line or full pond elevation and no more than 10 cubic yards of sand shall be used.

CSPA PERMIT

****

2016-01062 TOCCI, JOSEPH/SUSAN
MOULTONBOROUGH Lake Winnipesaukee

Requested Action:
Impact 1,846 sq. ft. to provide a foundation under the existing cottage with a small addition; modify the existing screen porch and deck; remove portion of gravel driveway and restore vegetation.
****

APPROVE PERMIT:
Impact 1,846 sq. ft. to provide a foundation under the existing cottage with a small addition; modify the existing screen porch and deck; remove portion of gravel driveway and restore vegetation.

With Conditions:
1. All work shall be in accordance with plans by Advantage NH Lakes dated April 4, 2016 and received by the NH Department of Environmental Services (DES) on April 27, 2016.
2. This permit does not authorize the removal of trees or saplings within the waterfront buffer that would result in a tree and sapling point score below the minimum required per RSA 483-B:9, V(a)(2)(D)(iv).
3. No more than 22% of the area of the lot within the protected shoreland shall be covered by impervious surfaces unless additional approval is obtained from DES.
4. Native vegetation within an area of at least 2,258 sq. ft. within the Natural Woodland Buffer located between 50 and 150 ft. landward of the reference line shall be retained in an unaltered state in order to comply with RSA 483-B:9,V(b)(2).
5. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project, and remain in place until all disturbed surfaces are stabilized.
6. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover and proximity to wetlands or surface waters.
7. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Ws 1700 or successor rules in Env-Wq 1700.
8. Any fill used shall be clean sand, gravel, rock or other suitable material.
9. Orange construction fencing shall be placed at the limits of the temporary impact areas as shown on the approved plan in order to prevent accidental encroachment into areas in which impacts have not been approved.
10. The proposed stormwater management plan shall be designed, installed and maintained to effectively absorb and infiltrate stormwater.
11. All pervious technologies used shall be designed, installed and maintained to effectively absorb and infiltrate stormwater.
12. No impacts to natural ground cover or native vegetation shall occur within the waterfront buffer.
13. Within three days of final grading or temporary suspension of work in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tack or netting and pinning on slopes steeper than 3:1.
14. The individual responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
15. This permit shall not be interpreted as acceptance or approval of any impact that will occur within wetlands jurisdiction regulated

under RSA 482-A including all wetlands, surface waters and their banks. The owner is responsible for maintaining compliance with RSA 482-A and Administrative Rules Env-Wt 100 - 900 and obtaining any Wetland Impact Permit that may be required prior to construction, excavation or fill that will occur within Wetlands jurisdiction.
16. This permit shall not preclude DES from taking any enforcement or revocation action if DES later determines that any of the structures depicted as "existing" on the plans submitted by the applicant were not previously permitted or grandfathered.

2016-01074 PORCHES AT EXETER LLC
EXETER Exeter River

Requested Action:
Impact 19,387 sq. ft. of protected shorland in order to raze the building and construct a two story mixed-use building with associated parking and utilities.
****

APPROVE PERMIT:
Impact 19,387 sq. ft. of protected shorland in order to raze the building and construct a two story mixed-use building with associated parking and utilities.

With Conditions:
1. All work shall be in accordance with revised plans by TFM Civil Engineers dated October 20, 2014 and received by the NH Department of Environmental Services (DES) on April 22, 2016.
2. No more than 76.7% of the area of the lot within the protected shoreland shall be covered by impervious surfaces unless additional approval is obtained from DES.
3. All activities conducted in association with the completion of this project shall be conducted in a manner that complies with applicable criteria of Administrative Rules Chapter Env-Wq 1400 and RSA 483-B during and after construction.
4. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project, and remain in place until all disturbed surfaces are stabilized.
5. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.
6. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Ws 1700 or successor rules in Env-Wq 1700.
7. Any fill used shall be clean sand, gravel, rock, or other suitable material.
8. The individual responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
9. This permit shall not preclude DES from taking any enforcement or revocation action if DES later determines that any of the structures depicted as "existing" on the plans submitted by the applicant were not previously permitted or grandfathered.

2016-01089 STEVEN ROBERT PRUDHOMME LIVING TRUST
ALTON Lake Winnipesaukee

Requested Action:
Impact 13,530 sq. ft. of the Protected Shoreland to construct a new 4-bedroom home with attached garage, driveway, stepped access to patio and dock; and install a new well and septic system.
****

Conservation Commission/Staff Comments:
5/2/16 Con. Com. recommends 15 ft. of patio be deleted from the plan as the proposed patio is "inconsistent with the purpose of a shoreland buffer".

APPROVE PERMIT:

Impact 13,530 sq. ft. of the Protected Shoreland to construct a new 4-bedroom home with attached garage, driveway, stepped access to patio and dock; and install a new well and septic system.

With Conditions:
1. All work shall be in accordance with plans by Advantage NH Lakes dated March 21, 2016 and received by the NH Department of Environmental Services (DES) on April 22, 2016.
2. This permit is contingent on approval by the DES Subsurface Systems Bureau.
3. This permit does not authorize the removal of trees or saplings within the waterfront buffer that would result in a tree and sapling point score below the minimum required per RSA 483-B:9, V(a)(2)(D)(iv).
4. No impacts to natural ground cover or native vegetation shall occur within the waterfront buffer, accept solely to accommodate construction of the proposed 150 ft. patio no closer than 30 feet from the reference line.
5. Landscaping within the waterfront buffer is limited to the addition of native species only.
6. Lawn may not be planted within the waterfront buffer.
7. No more than 18% of the area of the lot within the protected shoreland shall be covered by impervious surfaces unless additional approval is obtained from DES.
8. Native vegetation within an area of at least 4777 sq. ft. within the Natural Woodland Buffer located between 50 and 150 ft. landward of the reference line shall be retained in an unaltered state in order to comply with RSA 483-B:9, V(b)(2).
9. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project, and remain in place until all disturbed surfaces are stabilized. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.
10. Orange construction fencing shall be placed at the limits of the temporary impact areas as shown on the approved plan in order to prevent accidental encroachment into areas in which impacts have not been approved.
11. Any fill used shall be clean sand, gravel, rock or other suitable material.
12. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Ws 1700 or successor rules in Env-Wq 1700.
13. Within three days of final grading or temporary suspension of work in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tack or netting and pinning on slopes steeper than 3:1.
14. The individual responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
15. This permit shall not be interpreted as acceptance or approval of any impact that will occur within wetlands jurisdiction regulated under RSA 482-A including all wetlands, surface waters and their banks. The owner is responsible for maintaining compliance with RSA 482-A and Administrative Rules Env-Wt 100 - 900 and obtaining any Wetland Impact Permit that may be required prior to construction, excavation or fill that will occur within Wetlands jurisdiction.

2016-01110 CAMP MERRIWOOD LLC
ORFORD Upper Baker Pond

Requested Action:
Impact 2,000 sq. ft. of protected shoreland in order to construct a stormwater infiltration system and granite retaining wall.
****

APPROVE PERMIT:
Impact 2,000 sq. ft. of protected shoreland in order to construct a stormwater infiltration system and granite retaining wall.

With Conditions:
1. All work shall be in accordance with plans by Eckman Engineering, LLC dated April 7, 2016 and received by the NH Department of Environmental Services (DES) on April 25, 2016.
2. This permit does not authorize the removal of trees or saplings within the waterfront buffer that would result in a tree and sapling point score below the minimum required per RSA 483-B:9, V, (a), (2), (D), (iv).

3. No more than 2% of the area of the lot within the protected shoreland shall be covered by impervious surfaces unless additional approval is obtained from DES.
4. All activities conducted in association with the completion of this project shall be conducted in a manner that complies with applicable criteria of Administrative Rules Chapter Env-Wq 1400 and RSA 483-B during and after construction.
5. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project, and remain in place until all disturbed surfaces are stabilized.
6. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.
7. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Ws 1700 or successor rules in Env-Wq 1700.
8. Any fill used shall be clean sand, gravel, rock, or other suitable material.
9. The individual responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
10. This permit shall not preclude DES from taking any enforcement or revocation action if DES later determines that any of the structures depicted as "existing" on the plans submitted by the applicant were not previously permitted or grandfathered.

2016-01116 BLACK, PETER
MEREDITH Lake Winnipesaukee

Requested Action:
Impact 9,079 sq. ft. of protected shoreland in order to replace nonconforming dwelling with a new dwelling further from the reference line, install a new septic system, and modify existing driveway.
****

APPROVE PERMIT:
Impact 9,079 sq. ft. of protected shoreland in order to replace nonconforming dwelling with a new dwelling further from the reference line, install a new septic system, and modify existing driveway.

With Conditions:
1. All work shall be in accordance with plans by Advanced Land Surveying Consultants dated January 2016 and received by the NH Department of Environmental Services (DES) on April 25, 2016.
2. This permit is contingent on approval by the DES Subsurface Systems Bureau.
3. This permit does not authorize the removal of trees or saplings within the waterfront buffer that would result in a tree and sapling point score below the minimum required per RSA 483-B:9, V, (a), (2), (D), (iv).
4. No more than 20% of the area of the lot within the protected shoreland shall be covered by impervious surfaces unless additional approval is obtained from DES.
5. At least 3,720 sq ft of the Natural Woodland Buffer beyond the primary building setback must remain in an unaltered state in order to comply with RSA 483-B:9, V, (b), (2).
6. All activities conducted in association with the completion of this project shall be conducted in a manner that complies with applicable criteria of Administrative Rules Chapter Env-Wq 1400 and RSA 483-B during and after construction.
7. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project, and remain in place until all disturbed surfaces are stabilized.
8. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.
9. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Ws 1700 or successor rules in Env-Wq 1700.
10. Any fill used shall be clean sand, gravel, rock, or other suitable material.
11. This permit shall not be interpreted as acceptance or approval of any impact that will occur within wetlands jurisdiction regulated under RSA 482-A including all wetlands, surface waters and their banks, the tidal-buffer zone, and sand dunes. The owner is responsible for maintaining compliance with RSA 482-A and Administrative Rules Env-Wt 100 - 900 and obtaining any Wetland Impact Permit that may be required prior to construction, excavation or fill that will occur within Wetlands jurisdiction.

12. This permit shall not preclude DES from taking any enforcement or revocation action if DES later determines that any of the structures depicted as "existing" on the plans submitted by the applicant were not previously permitted or grandfathered.

2016-01117 MCGRATH, DAVID
WOLFEBORO Lake Winnipesaukee

Requested Action:
Impact 4,105 sq. ft. of protected shoreland in order to construct a 2 bedroom cottage with deck and install an effluent system.
****

APPROVE PERMIT:
Impact 4,105 sq. ft. of protected shoreland in order to construct a 2 bedroom cottage with deck and install an effluent system.

With Conditions:
1. All work shall be in accordance with plans by Folsom Design Group dated March 25, 2015 and received by the NH Department of Environmental Services (DES) on April 25, 2016.
2. This permit is contingent on approval by the DES Subsurface Systems Bureau.
3. This permit does not authorize the removal of trees or saplings within the waterfront buffer that would result in a tree and sapling point score below the minimum required per RSA 483-B:9, V, (a), (2), (D), (iv).
4. No more than 8.5% of the area of the lot within the protected shoreland shall be covered by impervious surfaces unless additional approval is obtained from DES.
5. At least 1,753 sq ft of the Natural Woodland Buffer beyond the primary building setback must remain in an unaltered state in order to comply with RSA 483-B:9, V, (b), (2).
6. All activities conducted in association with the completion of this project shall be conducted in a manner that complies with applicable criteria of Administrative Rules Chapter Env-Wq 1400 and RSA 483-B during and after construction.
7. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project, and remain in place until all disturbed surfaces are stabilized.
8. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.
9. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Ws 1700 or successor rules in Env-Wq 1700.
10. Any fill used shall be clean sand, gravel, rock, or other suitable material.
11. This permit shall not be interpreted as acceptance or approval of any impact that will occur within wetlands jurisdiction regulated under RSA 482-A including all wetlands, surface waters and their banks, the tidal-buffer zone, and sand dunes. The owner is responsible for maintaining compliance with RSA 482-A and Administrative Rules Env-Wt 100 - 900 and obtaining any Wetland Impact Permit that may be required prior to construction, excavation or fill that will occur within Wetlands jurisdiction.
12. This permit shall not preclude DES from taking any enforcement or revocation action if DES later determines that any of the structures depicted as "existing" on the plans submitted by the applicant were not previously permitted or grandfathered.

2016-01142 LEVIN HOLDERNESS RESIDENCE TRUST, ANNE
HOLDERNESS White Oak Pond

Requested Action:
Widen portions of an existing road that extends through all of the lots, and improve the road surface with new gravel within the footprint of the road prior to beginning construction related to repair of the Lot 25 stream crossing (Wetland Permit Application) and development of Lot 4 with a new residence, bunkhouse, shed parking area, well and septic system.
****

APPROVE PERMIT:
Widen portions of an existing road that extends through all of the lots, and improve the road surface with new gravel within the

footprint of the road prior to beginning construction related to repair of the Lot 25 stream crossing (Wetland Permit Application) and development of Lot 4 with a new residence, bunkhouse, shed parking area, well and septic system.

With Conditions:
1. All work shall be in accordance with plans by Ames Associates dated April 14, 2016 and received by the NH Department of Environmental Services (DES) on April 28, 2016.
2. This permit is contingent on approval by the DES Subsurface Systems Bureau.
3. This permit does not authorize the removal of trees or saplings within the waterfront buffer that would result in a tree and sapling point score below the minimum required per RSA 483-B:9, V, (a), (2), (D), (iv).
4. No more than 7.6% of the area of the lot # 25 within the protected shoreland shall be covered by impervious surfaces unless additional approval is obtained from DES.
5. No more than 3.2% of the area of the lot # 1 within the protected shoreland shall be covered by impervious surfaces unless additional approval is obtained from DES.
6. At least 31,585 sq ft for lot # 25 of the Natural Woodland Buffer beyond the primary building setback must remain in an unaltered state in order to comply with RSA 483-B:9, V, (b), (2).
7. At least 9,155 sq ft for lot # 1 of the Natural Woodland Buffer beyond the primary building setback must remain in an unaltered state in order to comply with RSA 483-B:9, V, (b), (2).
8. All activities conducted in association with the completion of this project shall be conducted in a manner that complies with applicable criteria of Administrative Rules Chapter Env-Wq 1400 and RSA 483-B during and after construction.
9. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project, and remain in place until all disturbed surfaces are stabilized.
10. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.
11. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Ws 1700 or successor rules in Env-Wq 1700.
12. Any fill used shall be clean sand, gravel, rock, or other suitable material.
13. The individual responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
14. This permit shall not be interpreted as acceptance or approval of any impact that will occur within wetlands jurisdiction regulated under RSA 482-A including all wetlands, surface waters and their banks, the tidal-buffer zone, and sand dunes. The owner is responsible for maintaining compliance with RSA 482-A and Administrative Rules Env-Wt 100 - 900 and obtaining any Wetland Impact Permit that may be required prior to construction, excavation or fill that will occur within Wetlands jurisdiction.
15. This permit shall not preclude DES from taking any enforcement or revocation action if DES later determines that any of the structures depicted as "existing" on the plans submitted by the applicant were not previously permitted or grandfathered.

2016-01146 SAFELYSTOR LLC
WEARE Daniels Lake

Requested Action:
Impact 92,299 sq. ft. of protected shoreland in order to construct a self-storage facility on an existing vacant lot previously used as a gravel operation.
****

APPROVE PERMIT:
Impact 92,299 sq. ft. of protected shoreland in order to construct a self-storage facility on an existing vacant lot previously used as a gravel operation.

With Conditions:
1. All work shall be in accordance with plans by Bedford Design Consultants dated April 6, 2016 and received by the NH Department of Environmental Services (DES) on April 28, 2016.
2. This permit does not authorize the removal of trees or saplings within the waterfront buffer that would result in a tree and sapling

point score below the minimum required per RSA 483-B:9, V, (a), (2), (D), (iv).
3. No more than 55% of the area of the lot within the protected shoreland shall be covered by impervious surfaces unless additional approval is obtained from DES.
4. At least 6,098 sq ft of the Natural Woodland Buffer beyond the primary building setback must remain in an unaltered state in order to comply with RSA 483-B:9, V, (b), (2).
5. All activities conducted in association with the completion of this project shall be conducted in a manner that complies with applicable criteria of Administrative Rules Chapter Env-Wq 1400 and RSA 483-B during and after construction.
6. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project, and remain in place until all disturbed surfaces are stabilized.
7. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.
8. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Ws 1700 or successor rules in Env-Wq 1700.
9. Any fill used shall be clean sand, gravel, rock, or other suitable material.
10. The individual responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
11. This permit shall not be interpreted as acceptance or approval of any impact that will occur within wetlands jurisdiction regulated under RSA 482-A including all wetlands, surface waters and their banks, the tidal-buffer zone, and sand dunes. The owner is responsible for maintaining compliance with RSA 482-A and Administrative Rules Env-Wt 100 - 900 and obtaining any Wetland Impact Permit that may be required prior to construction, excavation or fill that will occur within Wetlands jurisdiction.
12. This permit shall not preclude DES from taking any enforcement or revocation action if DES later determines that any of the structures depicted as "existing" on the plans submitted by the applicant were not previously permitted or grandfathered.

2016-01159 MOSHER, ASA/MARJORIE
SPOFFORD Spofford Lake

Requested Action:
Impact 2,717 sq. ft. of protected shoreland in order to rebuild a house destroyed by fire.
****

APPROVE PERMIT:
Impact 2,717 sq. ft. of protected shoreland in order to rebuild a house destroyed by fire.

With Conditions:
1. All work shall be in accordance with plans by Forest Designa dated April 6, 2016 and received by the NH Department of Environmental Services (DES) on May 2, 2016.
2. This permit does not authorize the removal of trees or saplings within the waterfront buffer that would result in a tree and sapling point score below the minimum required per RSA 483-B:9, V, (a), (2), (D), (iv).
3. No more than 22% of the area of the lot within the protected shoreland shall be covered by impervious surfaces unless additional approval is obtained from DES.
4. At least 1,978 sq ft of the Natural Woodland Buffer beyond the primary building setback must remain in an unaltered state in order to comply with RSA 483-B:9, V, (b), (2).
5. All activities conducted in association with the completion of this project shall be conducted in a manner that complies with applicable criteria of Administrative Rules Chapter Env-Wq 1400 and RSA 483-B during and after construction.
6. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project, and remain in place until all disturbed surfaces are stabilized.
7. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.
10. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Ws 1700 or successor rules in Env-Wq 1700.
11. Any fill used shall be clean sand, gravel, rock, or other suitable material.

12. This permit shall not preclude DES from taking any enforcement or revocation action if DES later determines that any of the structures depicted as "existing" on the plans submitted by the applicant were not previously permitted or grandfathered.

2016-01161 PAUGUS PARK ROAD REALTY TRUST
LACONIA Lake Winnipesaukee

Requested Action:
Impact 176 sq. ft. of the protected shoreland in order to add a second story and a 96 sq. ft. enclosed stairwell onto an existing non-conforming dwelling. The project includes re-vegetating 80 sq. ft. within the waterfront buffer.
****

APPROVE PERMIT:
Impact 176 sq. ft. of the protected shoreland in order to add a second story and a 96 sq. ft. enclosed stairwell onto an existing non-conforming dwelling. The project includes re-vegetating 80 sq. ft. within the waterfront buffer.

With Conditions:
1. All work shall be in accordance with surveyed plans by Harold E. Johnson, Inc. dated December 23, 2015 and received by the NH Department of Environmental Services (DES) on May 2, 2016.
2. No more than 54% of the area of the lot within the protected shoreland shall be covered by impervious surfaces unless additional approval is obtained from DES.
3. All activities conducted in association with the completion of this project shall be conducted in a manner that complies with applicable criteria of Administrative Rules Chapter Env-Wq 1400 and RSA 483-B during and after construction.
4. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project, and remain in place until all disturbed surfaces are stabilized.
5. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.
6. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Ws 1700 or successor rules in Env-Wq 1700.
7. Any fill used shall be clean sand, gravel, rock, or other suitable material.
8. This permit shall not preclude DES from taking any enforcement or revocation action if DES later determines that any of the structures depicted as "existing" on the plans submitted by the applicant were not previously permitted or grandfathered.

2016-01162 EDGEWATER ON DEER PATH LLC
BRIDGEWATER Newfound Lake

Requested Action:
Impact 26,136 sq. ft. of protected shoreland in order to add an addition to the existing dwelling and install a new septic system.
****

APPROVE PERMIT:
Impact 26,136 sq. ft. of protected shoreland in order to add an addition to the existing dwelling and install a new septic system.

With Conditions:
1. All work shall be in accordance with plans by Hinds Septic Design Service dated April 25, 2016 and received by the NH Department of Environmental Services (DES) on May 2, 2016.
2. This permit is contingent on approval by the DES Subsurface Systems Bureau.
3. No more than 15% of the area of the lot within the protected shoreland shall be covered by impervious surfaces unless additional approval is obtained from DES.
4. At least 2,771 sq ft of the Natural Woodland Buffer beyond the primary building setback must remain in an unaltered state in order to comply with RSA 483-B:9, V, (b), (2).

5. All activities conducted in association with the completion of this project shall be conducted in a manner that complies with applicable criteria of Administrative Rules Chapter Env-Wq 1400 and RSA 483-B during and after construction.
6. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project, and remain in place until all disturbed surfaces are stabilized.
7. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.
8. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Ws 1700 or successor rules in Env-Wq 1700.
9. Any fill used shall be clean sand, gravel, rock, or other suitable material.
10. This permit shall not preclude DES from taking any enforcement or revocation action if DES later determines that any of the structures depicted as "existing" on the plans submitted by the applicant were not previously permitted or grandfathered.

2016-01165 GREENWALD, CAROL
JAFFREY Thorndike Pond

Requested Action:
Impact 3,524 sq. ft. within the Protected Shoreland to reconstruct house and driveway.
****

APPROVE PERMIT:
Impact 3,524 sq. ft. within the Protected Shoreland to reconstruct house and driveway.

With Conditions:
1. All work shall be in accordance with plans by Monadnock Septic Design, LLC dated March 8, 2016 and received by the NH Department of Environmental Services (DES) on May 2, 2016.
2. This permit does not authorize the removal of trees or saplings within the waterfront buffer that would result in a tree and sapling point score below the minimum required per RSA 483-B:9, V(a)(2)(D)(iv).
3. No impacts to natural ground cover or native vegetation shall occur within the waterfront buffer.
4. No more than 9% of the area of the lot within the protected shoreland shall be covered by impervious surfaces unless additional approval is obtained from DES.
5. Native vegetation within an area of at least 5,000 sq. ft. within the Natural Woodland Buffer located between 50 and 150 ft. landward of the reference line shall be retained in an unaltered state in order to comply with RSA 483-B:9,V(b)(2).
6. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project, and remain in place until all disturbed surfaces are stabilized.
7. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover and proximity to wetlands or surface waters.
8. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Ws 1700 or successor rules in Env-Wq 1700.
9. Any fill used shall be clean sand, gravel, rock or other suitable material.
10. Orange construction fencing shall be placed at the limits of the temporary impact areas as shown on the approved plan in order to prevent accidental encroachment into areas in which impacts have not been approved.
11. Within three days of final grading or temporary suspension of work in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tack or netting and pinning on slopes steeper than 3:1.
12. The individual responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
13. This permit shall not be interpreted as acceptance or approval of any impact that will occur within wetlands jurisdiction regulated under RSA 482-A including all wetlands, surface waters and their banks. The owner is responsible for maintaining compliance with RSA 482-A and Administrative Rules Env-Wt 100 - 900 and obtaining any Wetland Impact Permit that may be required prior to construction, excavation or fill that will occur within Wetlands jurisdiction.
14. This permit shall not preclude DES from taking any enforcement or revocation action if DES later determines that any of the

structures depicted as "existing" on the plans submitted by the applicant were not previously permitted or grandfathered.

2016-01191 WILLIAMS, ALAN
STRAFFORD Bow Lake

Requested Action:
Impact 5,126 sq. ft. within the Protected Shoreland to reconstruct the existing home completely within the same footprint, with the addition of a second story; raise the grade of the existing driveway and construct a retaining wall; install a new septic system and well.
****

APPROVE PERMIT:
Impact 5,126 sq. ft. within the Protected Shoreland to reconstruct the existing home completely within the same footprint, with the addition of a second story; raise the grade of the existing driveway and construct a retaining wall; install a new septic system and well.

With Conditions:
1. All work shall be in accordance with plans by Geometres Blue Hills, LLC dated April 21, 2016 and received by the NH Department of Environmental Services (DES) on May 3, 2016.
2. This permit is contingent on approval by the DES Subsurface Systems Bureau.
3. This permit does not authorize the removal of trees or saplings within the waterfront buffer that would result in a tree and sapling point score below the minimum required per RSA 483-B:9, V(a)(2)(D)(iv).
4. No impacts to natural ground cover or native vegetation shall occur within the waterfront buffer.
5. Native vegetation within an area of at least 725 sq. ft. within the Natural Woodland Buffer located between 50 and 150 ft. landward of the reference line shall be retained in an unaltered state in order to comply with RSA 483-B:9, V(b)(2).
6. No more than 23% of the area of the lot within the protected shoreland shall be covered by impervious surfaces unless additional approval is obtained from DES.
7. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project, and remain in place until all disturbed surfaces are stabilized; 8. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover and proximity to wetlands or surface waters.
9. Orange construction fencing shall be placed at the limits of the temporary impact areas as shown on the approved plan in order to prevent accidental encroachment into areas in which impacts have not been approved.
10. The individual responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
11. Any fill used shall be clean sand, gravel, rock or other suitable material.
12. Within three days of final grading or temporary suspension of work in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tack or netting and pinning on slopes steeper than 3:1.
13. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Ws 1700 or successor rules in Env-Wq 1700.
14. This permit shall not be interpreted as acceptance or approval of any impact that will occur within wetlands jurisdiction regulated under RSA 482-A including all wetlands, surface waters and their banks. The owner is responsible for maintaining compliance with RSA 482-A and Administrative Rules Env-Wt 100 - 900 and obtaining any Wetland Impact Permit that may be required prior to construction, excavation or fill that will occur within Wetlands jurisdiction.
15. This permit shall not preclude DES from taking any enforcement or revocation action if DES later determines that any of the structures depicted as "existing" on the plans submitted by the applicant were not previously permitted or grandfathered.