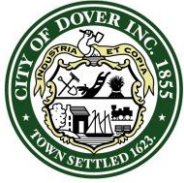


CITY OF DOVER

DOVER CONSERVATION COMMISSION – AGENDA

Meeting Type: Regular Meeting
Meeting Location: City Council Conference Room - 288 Central Avenue Dover NH
Meeting Date: Monday, November 13th, 2023
Meeting Time: 5:30 pm

1. CALL TO ORDER AND ROLL CALL
2. CITIZEN’S FORUM
3. APPROVAL OF THE PRIOR MEETING MINUTES – October 10th, 2023
4. OLD BUSINESS
 - A. Recognizing Traditional Foraging Rights on City of Dover Public Conservation Lands
5. NEW BUSINESS
 - A. City of Dover Conditional Use Permit for Portsmouth Christian Academy, (Agent: Oak Point Associates), Assessor’s Map J, Lot 1-C, zoned R-40, located at 20 Seaborne Drive. Proposal is to expand the existing playground area creating 607 square feet of temporary impact and 3,852 square feet of permanent impact to the wetland buffer.
 - B. Natural Resources Inventory Kickoff
6. REPORT FROM THE CHAIR
 - A. Review of Correspondence received from NH Department of Environmental Services
7. OTHER BUSINESS
 - A. Update from Forest Management Subcommittee
8. ADJOURNMENT



CITY OF DOVER

DOVER CONSERVATION COMMISSION – MINUTES

Meeting Type: Regular Meeting
Meeting Location: City Council Conference Room - 288 Central Avenue, Dover, NH
Meeting Date: Tuesday, October 10, 2023
Meeting Time: 5:30 pm

MEMBERS PRESENT: Bill Hunt (Chair), Steve Fellows (Vice Chair), Robert Atwood (Secretary), Jake Geddes (Alternate), Bruce Batchelder (Alternate), Abigail Lyon

Absent (Excused): Jay Aube, Amy Kramer-Perry, Kristen Murphy

STAFF PRESENT: Jackson Kaspari – Resilience Manager

OTHERS PRESENT: Councilor Williams, Steve Riker, Kathleen Blake, Bradley Amari

1. CALL TO ORDER AND ROLL CALL

The meeting was convened at 5:30 PM.

2. CITIZENS' FORUM

Kathleen Blake, Racial Equity and Inclusion Committee member spoke in favor of the Traditional Foraging Rights item on the agenda.

3. APPROVAL OF THE PRIOR MEETING MINUTES – September 11, 2023

A. Lyon moved to approve the minutes of September 11th as submitted. S. Fellows seconded.
Vote: 4 yes with R. Atwood and J. Geddes abstaining.

4. OLD BUSINESS:

None

5. NEW BUSINESS:

A. NHDES Standard Dredge and Fill Wetlands Permit Application for Robert A. Pruyn Revocable Trust, (Agent: Ambit Engineering, Inc.), Assessor's Map N Lot 22-C-8, zoned R-40, located at 10 Gerry's Lane. Proposal is to construct a tidal dock adjacent to the Cocheco River. The proposed docking structure consists of a 4' x 5' accessway, a 4' x 30' fixed wood pier, a 3' x 42' gangway and a 10' x 20' float totaling 20 square feet of permanent impact to the previously developed Tidal Buffer Zone and 446 square feet of permanent impact to tidal wetlands.

Steve Riker, project manager for Ambit Engineering presented the item and described the action taken so far including surveying the property and designing the dock. He described details of the property, the proposed dock, and the river/ wetlands area. They are coordinating with NHDES, Army Corp of Engineers and Natural Heritage Bureau to follow requirements.

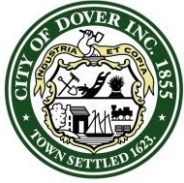
S. Fellows moved to endorse the proposal as presented. B. Batchelder seconded. Vote: 6 yes

B. Recognizing Traditional Foraging Rights on City of Dover Public Conservation Lands

The Commission received a resolution describing what the City is proposing.

J. Kaspari noted there has been discussion about this topic at previous meetings. The proposal intends to satisfy concerns from the City legal office and Planning Director. City Council has the authority to approve the resolution. The first steps are for the Commission to review and adopt the policy language provided and adopt it as the Conservation Commission's policy towards Traditional Foraging Rights on City of Dover Public Conservation Lands.

2023.10.10_ConservationCommission.Minutes



CITY OF DOVER

DOVER CONSERVATION COMMISSION – MINUTES

Meeting Type: Regular Meeting
Meeting Location: City Council Conference Room - 288 Central Avenue, Dover, NH
Meeting Date: Tuesday, October 10, 2023
Meeting Time: 5:30 pm

J. Kaspari clarified the process for communication and notification of the foraging and where in the document that is noted. Also, the Open Lands Committee has not seen these documents, though they are aware of the conversations.

Commission members preferred to seek additional feedback from other committees such as Open Lands and Racial Equity to confirm the language meets their standards. Official votes of approval are not being sought, but to have the documents sent out to them and receive feedback before the next Commission meeting.

S. Fellows moved to table the item to the November meeting in order to receive feedback from Open Lands Commission and Committee for Racial Equity and Inclusion. A. Lyon seconded. Vote: 6 yes

C. Update on Active Land Conservation Projects

J. Kaspari presented this update to the Commission using photos and maps to highlight the status of multiple projects including:

- Arch Street Property, Map 11 Lot 14
- Ekola Property, Map B Lot 8A
- Stockbower Property, Map J Lot 3A
- Lombard Property, Map A Lot 23-1

He answered a few follow up questions from Commission members.

6. REPORT FROM THE CHAIR

A. Review of Correspondence Received from NH Department of Environmental Services

J. Kaspari noted the receipt of complaints at 120 Dover Point Rd. Correspondence was received from NHDES upholding what the City found which is no wetlands violations.

B. Amari commented that his property at 51 Tuttle Lane has 20 springs on it. He warned that not all information available is complete.

7. OTHER BUSINESS

A. Update from Forest Management Subcommittee

S. Fellows reported Anna Boudreau is stepping down from the commission and there is another person interested in participating on the subcommittee. He is a licensed forester in Dover and has participated in the meetings previously.

S. Fellows moved to endorse Russ Warnock to join the Forest Management Subcommittee. A. Lyon seconded. Vote: 6 yes

Member Comment: Conservation Commission and Strafford Regional Planning Commission applied for a grant to develop a natural resource inventory. The project is set to begin soon.

8. ADJOURNMENT

S. Fellows motioned to adjourn. A. Lyon seconded. Vote: 6 yes.

The meeting was adjourned at 6:30 PM.

2023.10.10_ConservationCommission.Minutes



PERMIT SNAPSHOT REPORT COND-2023-0058 FOR CITY OF DOVER, N.H.

Permit Type: Conditional Use
Work Class: Environmental
Status: Submitted - Online
Valuation: \$0.00
Project:
District: None
Square Feet: 0.00
Assigned To: Glidden, Jean
App Date: 11/02/2023
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:
Description: Expansion of kindergarten through grade 5 playground.

Parcel: J0001-C00000	Main	Address: 20 Seaborne Dr Dover, NH	Main	Zone:
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Plan Preparer Wade Lippert Oak Point Associates 231 Main St 231 Main St Biddeford, ME 04005 Business: (207) 283-0193	Applicant Wade Lippert Oak Point Associates 231 Main St 231 Main St Biddeford, ME 04005 Business: (207) 283-0193	Owner Portsmouth Christian Academy
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Permit Custom Fields

Select Permit Type	Conservation District	General Purpose	Alteration / Addition	Project Zone	Residential
What is the parcel zoned?	R-40	New Change in Impervious/Paved Area (sq ft)	0	Work	Expansion of kindergarten through grade 5 playground. Proposed work will result in impacts within the 50-foot wetland buffer. Impacts are within previously developed playground and lawn areas. Temporary impacts are 607 square feet and permanent impacts are 3,852 square feet.

permitstateded NHDES Shoreland Permit.
Application not yet submitted to NHDES.

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Wade_Lippert_11/2/2023.jpg	11/02/2023 10:55	Lippert, Wade		Uploaded via CSS

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00005697	Planning General Application Fee	\$200.00	\$0.00
Total for Invoice INV-00005697		\$200.00	\$0.00
Grand Total for Permit		\$200.00	\$0.00

Workflow Step / Action Name	Action Type	Start Date	End Date
Review v.1			
Confirm application complete v.1	Generic Action		
Conditional Use Review v.1	Receive Submittal		
Planning Board v.1			
Planning Board Agenda v.1	Task		
Invoice for Notices v.1	Task		
Send Notices v.1	Task		
Planner Creates Staff Recommendations v.1	Permit Activity		
Distribute Planning Board Materials v.1	Task		
Planning Board Hearing v.1	Hold Hearing		
Planning Board Decision v.1	Permit Activity		

PERMIT SNAPSHOT REPORT (COND-2023-0058)

NOD Sent to Applicant v.1	Create Report
Issue Permit v.1	
Verify Fees Prior to Permit v.1	Generic Action
Issue and Review Permit v.1	Generic Action
Print and Email Permit v.1	Generic Action
Plans uploaded to Treeno v.1	Generic Action
Property Info Group v.1	Generic Action
Recording v.1	Task



CITY OF DOVER, NEW HAMPSHIRE

PLANNING APPLICATION OWNER AUTHORIZATION

OWNER AUTHORIZATION

I/We hereby submit this application to the City of Dover / City of Dover Planning Board and attest that to the best of my knowledge all of the information on this application form and in the accompanying application materials and documentation is true and accurate. As applicant or as agent, I attest that I am duly authorized to act in this capacity.

Property Owner Name:

Portsmouth Christian Academy

Signature(s) of Property Owner(s):

Mike Runey

Digitally signed by Mike Runey
Date: 2023.11.01 17:44:32 -04'00'

Date: **2023-11-01**

Signature of Applicant:

Wade Lippert

Digitally signed by Wade Lippert
Date: 2023.10.31 14:58:07 -04'00'

Date: **2023-10-31**

if different from owner

AUTHORIZATION TO ENTER SUBJECT PROPERTY

I/We hereby submit this application to the City of Dover Planning Board and attest that to the best of my knowledge all of the information on this application form and in the accompanying application materials and documentation is true and accurate. As applicant or as agent, I attest that I am duly authorized to act in this capacity..

Property Owner Name:

Portsmouth Christian Academy

Signature(s) of Property Owner(s):

Mike Runey

Digitally signed by Mike Runey
Date: 2023.11.01 17:44:45 -04'00'

Date: **2023-11-01**

Signature of Applicant:

Wade Lippert

Digitally signed by Wade Lippert
Date: 2023.10.31 14:59:40 -04'00'

Date: **2023-10-31**

if different from owner

IF SIGN PERMIT, SIGN PERMIT APPLICATION INFORMATION

If the sign permit applicant is not the property owner, this form must be completed and included as part of application submission.

I have read this application and state that, to the best of my knowledge, the information provided is true and that the proposed sign(s) will comply with all applicable regulations in Section 170-32 of the Zoning Ordinance of the City of Dover and shall conform to the submitted materials and designs. Furthermore, after 90 days, any application still waiting information will be denied.

Address of Sign Location:

Sign Permit Application Type:
(check one)

- ☐ Permanent Sign
- ☐ Temporary Sign
- ☐ Community Sign



Portsmouth Christian Academy
Expansion of Kindergarten Through Grade 5 Playground.
City of Dover Conditional Permit Application

In order to serve the needs of current and future students, Portsmouth Christian Academy requires the expansion of playground facilities for kindergarten through 5th grade students. The expanded playground will improve the quality of education by providing a play environment that fosters social interactions, imaginative play, and physically challenging experiences. The proposed playground improvements within the City of Dover wetland protection buffer were designed to avoid and minimize impacts as follows:

(a) Practicable Alternative:

Alternative locations were evaluated to determine if there are other areas adjacent to the Lower School building which would have less impact on the wetland buffer areas.

Locations to the north of the Lower School building pose safety concerns due to close proximity to parking and roadway areas. Access to potential playground areas would require students to cross active vehicular areas.

Locations to the east and west of the building area are within the Conservation District and would require significant disturbance due to steeper slopes and the configuration of the wetland buffer areas.

A location is available to the southeast of the building outside of the Conservation District, however this location would require clearing of existing mature trees and vegetation within the State of New Hampshire 150-foot natural wooded buffer adjacent to the Belamy River.

There is no practicable alternative that would have a less adverse impact on the area than the proposed location.

(b) Avoidance:

The proposed playground improvements have been configured to avoid impact to wetlands and wetland buffers to the greatest extent feasible. The layout of the playground was oriented to keep the majority of the development within the existing lawn area outside of the wetland buffer areas. The configuration also avoids disturbance to any undeveloped wooded wetland buffers.

(c) Minimization:

Impact on wetland and wetland buffer area will be minimized. The location on the south side of the building was selected to utilize previously developed playground and lawn areas to eliminate the need for the clearing of any other vegetation. The size of the playground was minimized as much as possible while providing the desired playground elements.

The playground was designed to take advantage of the existing topology and match existing grades as much as possible while providing required accessible playground slopes. The layout of the playground was optimized to avoid the construction of impervious surfaces within the buffer area. A

15+ foot buffer will be maintained between the edge of the wetland and the playground. No construction will occur within the wetland.

Erosion and sediment control measures will be implemented to minimize detrimental impacts to the wetlands. Refer to drawings LP002 and L-501 for erosion and sediment controls to be implemented.

(d) Mitigation:

The proposed work does not impact freshwater wetlands, tidal surface waters, tidal wetlands, or tidal buffer zones. No mitigation is required to comply with State of New Hampshire Department of Environmental Services (NHDES) regulations. No mitigation is proposed.

(e) NHDES Wetlands Permitting:

There is no proposed work within wetlands or surface waters. A NHDES dredge and fill application is not required to comply with the State of New Hampshire Fill and Dredge in Wetlands Act (RSA 482-A).

EROSION AND SEDIMENT CONTROL NOTES

A. GENERAL NOTES

- DURING CONSTRUCTION AND THEREAFTER, PROVIDE EROSION CONTROL MEASURES AS INDICATED AND SPECIFIED. EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE "NEW HAMPSHIRE STORM WATER MANUAL".
- TEMPORARY EROSION CONTROL MEASURES INCLUDE THE USE OF EROSION CONTROL DEVICES, TEMPORARY SEEDING AND MULCHING, AND PROVISIONS FOR STABILIZING INACTIVE AREAS. PERMANENT EROSION CONTROL MEASURES INCLUDE PERMANENT SEEDING AND MULCHING.
- PERIMETER EROSION CONTROLS SHALL BE INSTALLED PRIOR TO BEGINNING EARTH MOVING OPERATIONS.
- PROVIDE 6-INCHES PLANTING SOIL, SEED AND MULCH ON DISTURBED AREAS NOT OTHERWISE SPECIFIED. PERMANENT SEEDING SHALL BE COMPLETED BETWEEN THE DATES OF APRIL 1 AND OCTOBER 14. WATER VEGETATED AREAS AS NECESSARY TO ESTABLISH A VIGOROUS TURF.
- PROVIDE EROSION CONTROL MEASURES TO CONTROL EROSION AND SEDIMENTATION FROM THE PROJECT SITE. THE MEASURES INDICATED ON THE DRAWINGS ARE A MINIMUM TO BE PROVIDED. PROVIDE ADDITIONAL MEASURES AS NECESSARY AND APPLICABLE TO CONTROL EROSION AND SEDIMENTATION FROM LEAVING THE SITE.
- LIMIT AREAS OF EXPOSED SOILS TO THOSE AREAS THAT WILL ACTIVELY BE WORKED. TEMPORARILY STABILIZE AREAS OF DISTURBED SOIL THAT REMAIN UNWORKED FOR MORE THAN 14 DAYS USING TEMPORARY MULCHING (IF THE SOIL WILL BE PERMANENTLY STABILIZED WITHIN 30 DAYS) OR TEMPORARY SEEDING AND MULCHING (IF THE SOIL WILL NOT BE PERMANENTLY STABILIZED WITHIN 30 DAYS). PERMANENTLY STABILIZE ANY AREA OF DISTURBED SOIL BROUGHT TO FINAL GRADE WITHIN 7 DAYS.
- AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:
 - A MINIMUM OF 85 PERCENT VEGETATED GROWTH HAS BEEN ESTABLISHED.
 - A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH STONE OR RIPRAP HAS BEEN INSTALLED.
 - EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.

B. INSPECTION AND MAINTENANCE

- INSPECT DISTURBED AND IMPERVIOUS AREAS, EROSION CONTROL MEASURES, AREAS USED FOR STORAGE THAT ARE EXPOSED TO PRECIPITATION, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE PROJECT AREA AT LEAST ONCE A WEEK AND BEFORE AND AFTER EACH STORM EVENT, GREATER THAN 0.1", PRIOR TO COMPLETION OF PERMANENT STABILIZATION. A PERSON WITH KNOWLEDGE OF EROSION AND STORMWATER CONTROL MUST CONDUCT THE INSPECTION. IF BEST MANAGEMENT PRACTICES (BMPs) NEED TO BE MODIFIED OR IF ADDITIONAL BMPs ARE NECESSARY, IMPLEMENTATION MUST BE COMPLETED WITHIN 7 CALENDAR DAYS AND PRIOR TO ANY STORM EVENT (RAINFALL). MEASURES MUST BE MAINTAINED IN EFFECTIVE OPERATING CONDITION UNTIL AREAS ARE PERMANENTLY STABILIZED.
- MAINTAIN EROSION CONTROL MEASURES FOR THE LIFE OF THE PROJECT AND UNTIL PERMANENT STABILIZATION OF THE ENTIRE SITE IS ESTABLISHED. PERMANENT STABILIZATION SHALL CONSIST OF AT LEAST 90-PERCENT VEGETATION OR PAVEMENT.
- PROTECT STABILIZED AREAS FROM EROSION AND IMMEDIATELY REPAIR/REVEGETATE ERODED AREAS.
- SEDIMENT ACCUMULATIONS SHALL BE REMOVED FROM EROSION CONTROL WATTLE AND/OR SILT FENCES WHEN THE SEDIMENT DEPTH REACHES 6 INCHES.
- REMOVE TEMPORARY EROSION CONTROL MEASURES WITHIN 30 DAYS AFTER THE TRIBUTARY AREA HAS BEEN PERMANENTLY STABILIZED. REMOVE ANY ACCUMULATED SEDIMENTS AND STABILIZE.

C. SEQUENCE OF CONSTRUCTION

- INITIAL OPERATIONS INCLUDE INSTALLATION OF EROSION CONTROL DEVICES.
- STRIP TOPSOIL AND STOCKPILE. PROVIDE SILT FENCE DOWNGRADIENT OF STOCKPILES AND COVER WITH MULCH.
- COMMENCE EARTH MOVING OPERATIONS.
- CONTINUE WITH OTHER SITE CONSTRUCTION.
- PROVIDE PERMANENT SEEDING, MULCHING, OR OTHER SURFACE TREATMENTS AS INDICATED IMMEDIATELY UPON ESTABLISHMENT OF FINISH GRADES.

D. SOIL STOCKPILE STABILIZATION

- SOIL AND FILL STOCKPILES EXPECTED TO REMAIN IN PLACE FOR LESS THAN 30 DAYS SHALL BE COVERED WITH HAY MULCH (90 LBS HAY/1000 SF) OR COVERED WITH AN ANCHORED TARP WITHIN 7 DAYS OR PRIOR TO ANY RAINFALL.
- SOIL AND FILL STOCKPILES EXPECTED TO REMAIN LONGER THAN 30 DAYS SHALL BE SEEDED WITH A CONSERVATION MIX OF ANNUAL RYE GRASS (0.9 LB/1000 SF) AND HAY MULCHED (90 LBS. HAY/1000 SF) WITHIN 7 DAYS OR PRIOR TO ANY RAINFALL.
- SOIL AND FILL STOCKPILES SHALL HAVE A SEDIMENT BARRIER (e.g. SILT FENCE) INSTALLED AROUND THE DOWNHILL EDGE OF THE STOCKPILE TO TRAP SEDIMENTS.

E. TEMPORARY SEEDING

- BEDDING – REMOVE STONES AND TRASH THAT WILL INTERFERE WITH SEEDING THE AREA. WHERE FEASIBLE, TILL THE SOIL TO A DEPTH OF ABOUT 4" TO PREPARE SEED BED AND MIX THE FERTILIZER INTO THE SOIL.
- FERTILIZER – FERTILIZER SHALL BE UNIFORMLY SPREAD OVER THE AREA PRIOR TO BEING TILLED INTO THE SOIL. A 10-10-10 MIX OF FERTILIZER SHOULD BE APPLIED AT A RATE OF 300 LBS PER ACRE.
- SEED MIXTURE – USE ANY OF THE FOLLOWING IN UPLAND AREAS:

SPECIES	ACRE	SEEDING RATES 1,000 SF	DATES	DEPTH
WINTER RYE	112 LBS	2.5 LBS	8/15 – 9/15	1 INCH
OATS	80 LBS	2.0 LBS	SPRING – 5/15	1 INCH
ANNUAL RYEGRASS	40 LBS	1.0 LBS	4/15 – 9/15 WITH MULCH	0.25 INCH
- MULCHING FOR TEMPORARY SEEDING – WHERE IT IS IMPRACTICAL TO INCORPORATE FERTILIZER AND SEED INTO MOIST SOIL, THE SEEDED AREA SHALL BE MULCHED TO FACILITATE GERMINATION. MULCH IN THE FORM OF HAY OR STRAW SHALL BE APPLIED AT A RATE OF 70 TO 40 90 LBS PER 1,000 SF.
- REMOVE TEMPORARY GROWTH FROM TEMPORARY SEEDING PRIOR TO PERMANENT SEEDING.

F. MULCHING

PROVIDE TEMPORARY MULCHING ON SLOPES, OTHER EROSION PRONE AREAS, AND EXPOSED SOILS THAT CANNOT RECEIVE PERMANENT COVER WITHIN 14 DAYS OF DISTURBANCE. ALSO PROVIDE MULCH FOLLOWING TEMPORARY AND PERMANENT SEEDING AS SPECIFIED. MULCH ANCHORS SHALL BE USED ON SLOPES GREATER THAN 5% IN FALL (PAST OCTOBER 1, AND OVER WINTER TO APRIL 1).

MULCH TYPE	RATE PER 1000 SF
HAY OR STRAW	70 TO 40 90 LBS
WOOD CHIPS OR BARK MULCH	480 TO 920 LBS
JUTE AND FIBROUS MATTING	AS PER MANUFACTURERS' SPECIFICATIONS
CRUSHED STONE	SPREAD MORE THAN 1/4" TO 1-1/2" 1/2" THICK

G. TEMPORARY EROSION CONTROL MAT SPECIFICATIONS

- STRAW EROSION CONTROL MAT CONSISTING OF A MACHINE PRODUCED MAT OF 100 PERCENT AGRICULTURAL STRAW FIBER, MINIMUM WEIGHT: 0.5 LBS/SY. NETTINGS SHALL BE LIGHTWEIGHT BIO OR PHOTO DEGRADABLE, TOP SIDE ONLY, MINIMUM WEIGHT: 1.5 LBS/1000 SF. MINIMUM WIDTH: 48", MINIMUM THICKNESS: 0.39 INCH. THE MINIMUM FUNCTIONAL LONGEVITY OF THE EROSION CONTROL MAT SHALL BE 45 DAYS.

H. EXTENDED USE EROSION CONTROL BLANKET SPECIFICATION

- STRAW EROSION CONTROL MAT CONSISTING OF A MACHINE PRODUCED MAT OF 100 PERCENT AGRICULTURAL STRAW FIBER, MINIMUM WEIGHT: 0.5 LBS/SY. NETTINGS SHALL BE 100 PERCENT BIO OR PHOTO DEGRADABLE WOVEN NATURAL ORGANIC FIBER, TOP SIDE ONLY, MINIMUM WEIGHT: 9.3 LB/1000 SF. MINIMUM WIDTH: 6.7 FT, MINIMUM THICKNESS: 0.24 INCH. THE MINIMUM FUNCTIONAL LONGEVITY OF THE EROSION CONTROL MAT SHALL BE 12 MONTHS.

I. WINTER STABILIZATION

THE WINTER CONSTRUCTION PERIOD IS FROM OCTOBER 15 THROUGH MAY 15. IF THE SITE IS NOT STABILIZED WITH PAVEMENT, A ROAD GRAVEL BASE, 85% MATURE VEGETATION COVER OR RIPRAP BY OCTOBER 15 THEN THE SITE SHALL BE PROTECTED WITH OVER-WINTER STABILIZATION.

- PROVIDE STABILIZATION AS FOLLOWS WITHIN A DAY OF ESTABLISHING THE GRADE THAT IS FINAL OR THAT OTHERWISE WILL EXIST FOR MORE THAN 5 DAYS:
 - PROPOSED VEGETATED AREAS HAVING A SLOPE OF LESS THAN 15% WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH SHALL BE SEEDED AND COVERED WITH 3 TO 4 TONS OF HAY OR STRAW MULCH PER ACRE SECURED WITH ANCHORED NETTING, OR 2 INCHES OF EROSION CONTROL MIX.
 - PROPOSED VEGETATED AREAS HAVING A SLOPE OF GREATER THAN 15% WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHOULD BE SEEDED AND COVERED WITH A PROPERLY INSTALLED AND ANCHORED EROSION CONTROL BLANKET OR WITH A MINIMUM OF 4 INCH THICKNESS OF EROSION CONTROL MIX, UNLESS OTHERWISE SPECIFIED BY THE MANUFACTURER. NOTE THAT COMPOST BLANKETS SHOULD NOT EXCEED 2 INCHES IN THICKNESS OR THEY MAY OVERHEAT.
- INSTALLATION OF ANCHORED HAY MULCH OR EROSION CONTROL MIX SHALL NOT OCCUR OVER ACCUMULATED SNOW OR FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS.
- MULCH APPLIED DURING WINTER SHALL BE ANCHORED (e.g. BY NETTING, TRACKING, WOOD CELLULOSE FIBER).
- STOCKPILES OF SOIL MATERIALS SHALL BE MULCHED FOR OVER WINTER PROTECTION WITH HAY OR STRAW AT TWICE THE NORMAL RATE OR WITH A FOUR-INCH LAYER OF EROSION CONTROL MIX. MULCHING SHALL BE DONE WITHIN 24 HOURS OF STOCKING, AND RE-ESTABLISHED PRIOR TO ANY RAINFALL OR SNOWFALL. NO SOIL STOCKPILE SHALL BE PLACED (EVEN COVERED WITH MULCH) WITHIN 100 FEET FROM ANY WETLAND OR OTHER WATER RESOURCE AREA.

J. OFF-SITE VEHICLE TRACKING

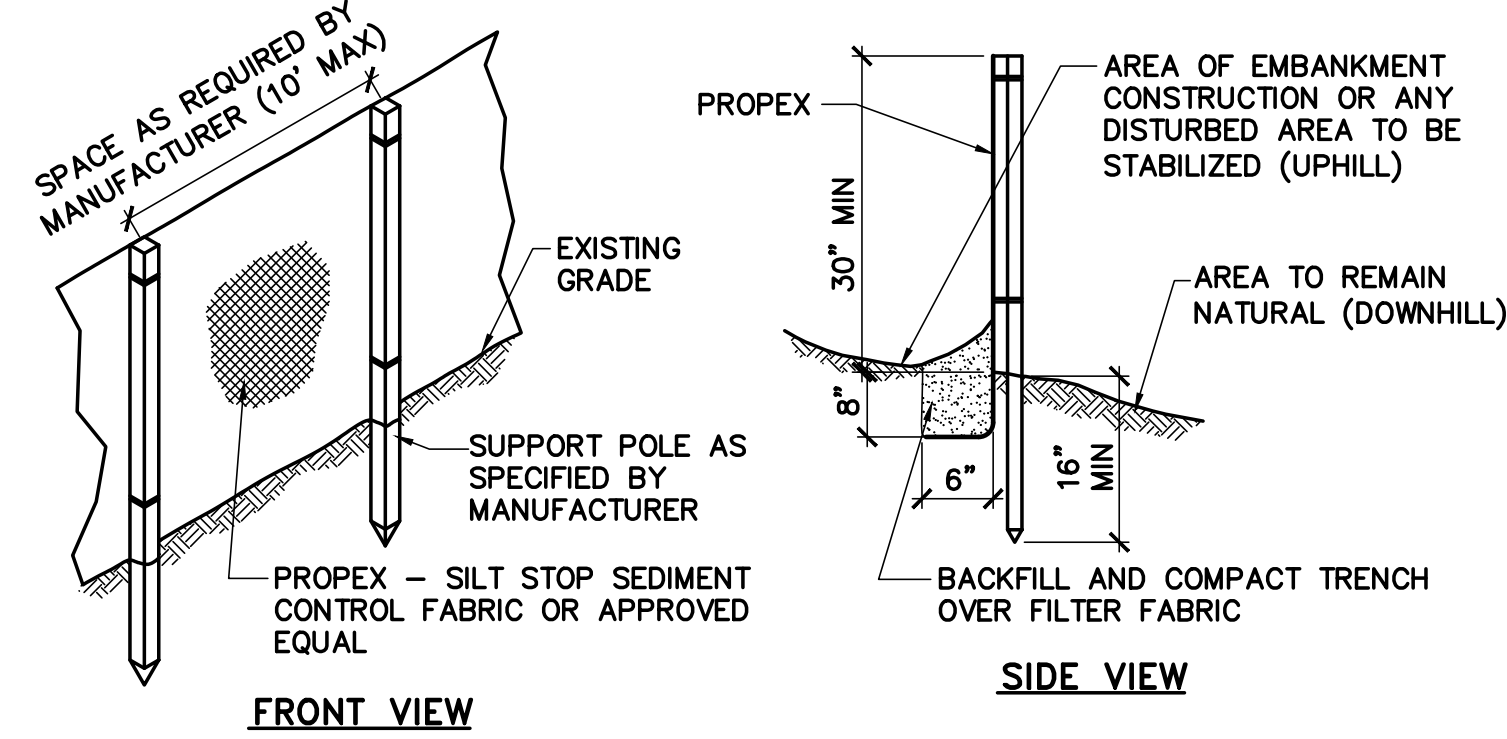
- SWEEP ADJACENT PAVED AREAS AND ROADS AS NECESSARY AND AS DIRECTED BY THE OWNER TO KEEP THEM FREE OF SEDIMENTS RESULTING FROM CONSTRUCTION ACTIVITIES.

K. HOUSEKEEPING

- WASTE MATERIALS SHALL BE COLLECTED AND STORED IN SECURELY LIDDED RECEPTACLES. TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN A DUMPSTER PROVIDED BY THE CONTRACTOR. CONSTRUCTION WASTE MATERIALS SHALL NOT BE BURIED ON SITE.
- HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATIONS OR BY THE MANUFACTURER.
- MATERIALS STORED ON SITE SHALL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR PROPER (ORIGINAL IF POSSIBLE) CONTAINER AND IF POSSIBLE UNDER A ROOF OR OTHER ENCLOSURE. STORE ONLY SUFFICIENT AMOUNTS OF MATERIALS TO COMPLETE THE JOB.
- DISPOSE OF SURPLUS MATERIALS IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS, STATE AND FEDERAL CODES.
- CONSTRUCTION RELATED EQUIPMENT AND VEHICLES SHALL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTATIVE MAINTENANCE TO AVOID LEAKAGE.

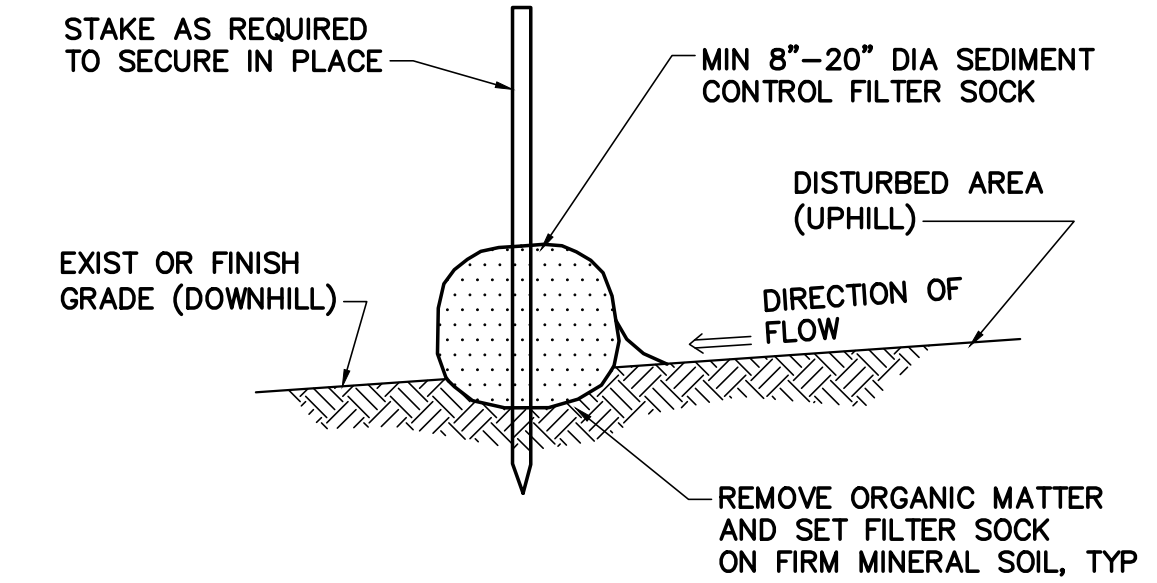
L. DUST CONTROL

- CONTROL DUST WITH PERIODIC WATERING OF THE EXPOSED SOIL SURFACES WITH ADEQUATE WATER TO CONTROL DUST FROM BECOMING AIRBORNE. REPETITIVE TREATMENTS SHALL BE APPLIED AS NEEDED TO CONTROL DUST THROUGHOUT CONSTRUCTION UNTIL AREAS HAVE BEEN STABILIZED.



- NOTES:
- WHEN JOINTS ARE NECESSARY, FILTER FABRIC SHALL BE SPLICED TOGETHER ONLY AT SUPPORT POST, WITH A MINIMUM 6" OVERLAP, AND SECURELY SEALED.
 - SILT FENCES SHALL BE INSPECTED AFTER EACH RAINFALL AND REPAIRS/REPLACEMENT SHALL BE MADE IMMEDIATELY.
 - SILT FENCES SHALL BE REMOVED AFTER SATISFACTORY VEGETATIVE COVER IS ESTABLISHED OR DISTURBED AREAS ARE OTHERWISE STABILIZED. PROVIDE PLANTING SOIL, FINISH GRADE, SEED AND MULCH DISTURBED AREAS.
 - EROSION CONTROL WATTLES BE USED IN LIEU OF SILT FENCE WHERE APPROVED BY THE OWNER OR TO SUPPLEMENT EROSION CONTROL MEASURES.

1 SILT FENCE
LP002 LP501 NOT TO SCALE



SECTION

2 SEDIMENT CONTROL WATTLE DETAIL
LP501 LP501 NOT TO SCALE

SEDIMENT CONTROL FILTER SOCK NOTES:

- SEDIMENT CONTROL FILTER SOCKS MUST CONSIST OF STRAW, SHREDDED BARK, STUMP GRINDINGS, OR OTHER ORGANIC MATERIALS WRAPPED IN BIODEGRADABLE TUBULAR NETTED OR SIMILAR ENCASING MATERIAL AND MUST BE MANUFACTURED FOR THE PURPOSE OF TEMPORARY SEDIMENT CONTROL. INSTALL FILTER SOCKS ACCORDING TO MANUFACTURER RECOMMENDATIONS.
- INSTALL FILTER SOCKS ALONG THE CONTOUR AND WITH ENDS TURNED UPSLOPE TO CREATE PONDED AREAS FOR SOIL SETTLEMENT.
- INSTALL FILTER SOCKS FIRMLY ON MINERAL SOIL AND ABUT ENDS TIGHTLY. DO NOT OVERLAP ENDS. SECURELY STAKE FILTER SOCKS IN PLACE TO PREVENT MOVEMENT AND UNDERMINING.
- REMOVE SEDIMENT ACCUMULATIONS WHEN EXCEEDING ONE HALF THE EXPOSED HEIGHT OF THE FILTER SOCK.
- SEDIMENT CONTROL FILTER SOCKS MUST REMAIN IN PLACE UNTIL ALL DISTURBED AREAS ARE STABILIZED.

NO.	DATE	DESCRIPTION	BY
REVISIONS			

Dover Natural Resources Inventory (NRI) 2023-2024



The Natural Resources
Inventory project is funded by
a grant from the Piscataqua
Region Estuaries Partnership.



Project Team



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Goals



- Develop a comprehensive NRI
- Use NRI to evaluate implementation of the four PREPA Action Items (shown on next slide)
- Create a tool for assisting the Open Lands Committee, Conservation Commission and municipal staff with land protection efforts that prioritize the protection of valuable water resources
- Provide municipal staff with enhanced context when assisting members of the public with land use inquiries
- Educate & improve the relationship between residents & their local environment

Other goals?

Dover

Recommended Actions

The actions below are not meant to be exhaustive but reflect a menu of prioritized recommendations for communities. Actions are directly related to the questions found on the PREPA assessment forms and reflects both regulatory and non-regulatory actions. PREP is committed to assisting communities and is requesting proposals for the [2021 PREPA Grant Program](#) from municipalities and partnering organizations for projects resulting in achievement or significant progress toward achievement of one or more of the following recommended actions.

1

Increase buffers of 1st-3rd order streams to 100'

2

Increase septic system and primary structure setbacks to 100' for all waterbodies

3

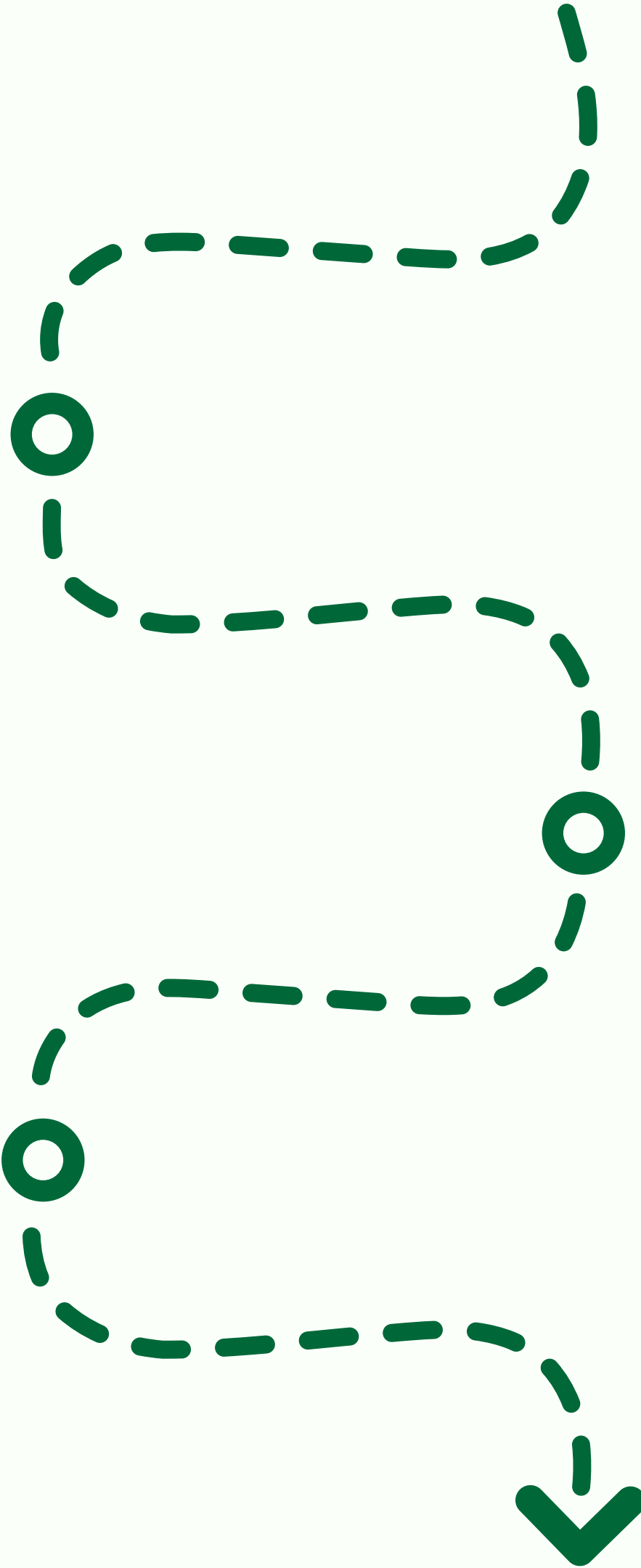
Use the NH Coastal Flood Risk Summary Part 2: Guidance for Using Scientific Projections to require project siting and design based on future climate projections (sea-level rise, storm surge, groundwater rise, and precipitation)

4

Increase setback for building from wetlands to 100'

Project Deliverable(s):

- An NRI report that includes the following overall sections:
 - Water Resources
 - Wildlife and Habitats
 - Farmlands
 - Forest Resources
 - Unique Geological Resources
 - Cultural Resources
 - Conservation Lands and Land Use.
- Presentation to the Dover Conversation Commission on the NRI report findings
- Outreach Summary & Evaluation Report



Planning	2023			2024					
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
Task 1 – Research & Planning									
Task 1.1: Initial Project Team Meeting	★								
Task 1.2 Initial Map Inventory									
Task 1.3 Kickoff World Café		★							
Task 1.4 Draft Survey Development and NRI Outline									
Task 1.5 Environmental Scientist Consultant Selection									
Task 2 – Mapping & Data Validation									
Task 2.1 Inventory Natural Resources									
Task 2.2 Fieldwork									
Task 2.3 Develop Co-occurrence Maps									
Task 2.4 Community Values and Priorities									
Task 3 – Generating the NRI Report									
Task 3.1 Descriptive Summaries and Data Documentation									
Task 3.2 Translating Research into Action									
Task 3.3 Visioning, Recommendations, and Actions									
Task 3.4 Final Map Set and NRI Report									
Task 3.5 Public Presentation									
Task 3.6 Evaluation:									

- Internal Project Team Meeting
- Advisory Group Meeting (Conscom/Land Use)
- Public Workshop/Presentation

Task Outline:

Task 1: Research and Planning

- ✓ Task 1.1: Initial Project Team Meeting
- ✓ Task 1.2 Initial Map Inventory
- Task 1.3 Kickoff World Café
- Task 1.4 Draft Survey Development and NRI Outline
- Task 1.5 Environmental Scientist Consultant Selection

Task 2: Mapping and Data Validation

- Task 2.1: Inventory Natural Resources
- Task 2.2 Fieldwork
- Task 2.3 Develop Co-occurrence Maps
- Task 2.4 Community Values and Priorities

Task 3: Prepare the NRI Report

- Task 3.1 Descriptive Summaries and Data Documentation
- Task 3.2 Translating Research into Action
- Task 3.3 Visioning, Recommendations, and Actions
- Task 3.4 Final Map Set and NRI Report
- Task 3.5 Public Presentation
- Task 3.6 Evaluation

✓ **Done**

Tasks beginning today

HOMework FOR NEXT MTG:

- Review & comment on map set
- Brainstorm questions you have for your community members, related to how they use natural resources in Dover
- Review materials packet for next meeting (SRPC to send 1 week in advance)

