## Massachusetts Department of Conservation and Recreation Division of Water Supply Protection, Office of Watershed Management Forest Management Project Summary

## **Project Title:**

DWSP Harvest Permit Number: S7NQ
DCR Forest Cutting Plan File Number: 204-9487-19 and 204-9690-19

## **Site Information**

Watershed: Quabbin	Town(s): New Salem
<b>Acres:</b> 173	Nearest Road: Cooleyville, Gate 17
Natural Heritage Atlas overlap?: Yes	Public Drinking Water Supply Watershed?: Yes
Forest Types: Red Oak	ACEC?: No
Soils: Gneiss derived rock sandy loam	
Wetland Resources: Yes	
Vernal Pools present or within 200 feet of harvest?: No	

## **Harvest Information**

Harvest Start Date: Sept., 11, 2018	Harvest End Date: Dec. 4, 2020
Number of Wetland Crossings: 1	Number of Stream Crossings: 10

**Best Management Practices Applied** 

Stream Crossings	Temporary bridging and corduroyed approaches
Filter Strips	No more than 50% of basal area removed; to maintain shaded condition
Wetland Crossings	Crossed at highest location. Corduroy/Matting if needed
Harvesting in Wetlands	None

DWSP Forester supervising this harvest				
Name: Derek Beard				
Forester License # 14				
<b>Phone #:</b> 617-780-0631				
Email: derek.beard@state.ma.us				

ACEC: Area of Critical Environmental Concern

## **NARRATIVE**

## **General Description/Forest Composition/History:**

This watershed forest management project is approximately 6 miles south/southwest from gate 17 (Cooleyville Rd). The landing is situated on Clifford Rd, which is accessed via Egypt Brook Rd. Specifically, the area sits north of Clifford Rd. on the east lower and middle slopes of an unnamed hill. It is bounded to the south by an intermittent brook, east by the reservoir, north by an intermittent brook and steep slope and west by steep/rocky slope.

The project is home to dense high canopy sawtimber red oak. The main associates are black birch, white ash, hickory and sugar maple. Due to the heavily shaded condition young forest is sparse. The most common are black birch, ash and sugar maple. Hay scented fern dominates the ground layer.

The project area was dedicated to small scale farming, mainly livestock grazing (rocky soils), prior to state ownership.

## **Site Selection:**

The primary goal of the watershed forest management program is to create and maintain a forest that provides high quality drinking water to current users and future generations. In order to achieve this, DWSP has determined that the forest should contain a diversity of species in various stages of development (seedlings through large legacy trees). In addition, the forest should be vigorous; actively growing and regenerating. Forest in this condition is ideally suited to be resilient to and quickly recover from small and large scale disturbances such as disease, insect infestation, ice storms and hurricanes. Sufficient advanced regeneration coupled with an underrepresented young for layer merits some regeneration harvesting.

## Silvicultural Objectives:

The main goal of the project is to salvage oak that has died from three consecutive years of intense gypsy moth caterpillar defoliation. Mainly due to its distance from an existing road, there has been no forest management since state ownership. Specifically the project follows the pattern of oak mortality; such that there will be uncut pockets where forest composition changes to more black birch/northern hardwoods. Furthermore, in areas of heavy mortality, trees were retained because they did not succumb to defoliation and/or they had high wildlife value. In salvaging this valued resource the stage will be set for a new forest to develop; with the hope it will be diverse/resilient enough to ward off the myriad issues affecting our forests today and into the future.

## **Cultural Resources:**

Stone walls are the most prominent cultural resource in the project area.

## Wildlife/Rare or Endangered Species:

Maintaining and/or enhancing habitat is a high priority when planning and executing watershed forest management projects. As such, retaining live and dead snags, trees that show sign of use by wildlife for nesting/denning and foraging is a priority. Falling in a natural heritage bubble, the project area was reviewed by MA Natural Heritage and Endanger Species program and deemed to have no impact on the specie(s) within the bubble.

and Notice of Intent Chapter 132 – The F Practices Act, 304 CN (Effective Date: 3/15/16)	under orest C 1R 11.0	M.G.L. Cutting	,		For DCR Use Only: File Number 204, 9487 19 Case No. Date Rec'd 9: 7: 8 Nat. Hert.  Barliest Start 9: 21: 18 Pub. Dr. Wat. Nat. Nat. Nat. Nat. Nat. Nat. Nat. N				
Location Ame	when-	++-	L/11/1	8)	Landowner				
		***************************************	<del></del>	9	Marian and a second				
Town New Salem Road Clifford Rd.					Name DCR - DWSP - Quabbln Section  Mailing Address 485 Ware Rd.				
Acres 173	Dua	posed St	ant Doda						
Acres 173  Vol. MBF 707.2 Vol. MBF 7		•	_		Town State Zin Bolehortown MA 01007				
E 101.11.01.2	71. Cus	300	VOI. 101		Town; State, Zip <u>Belchertown, MA 01007</u> Phone 413-323-6921				
Plan Preparer					Ch61 61A 61B Stew *Case #				
Plan Preparer					FSC CR CR Holder				
Name Derek Beard					TBO CICE CICIONO				
Address DCR - DWSP	- Quabb	in Secti	on		Licensed Timber Harvester**				
485 Ware Rd.					Name John H. Conkey & Sons Logging				
Town, State, Zip Belch	nertown,	MA 010	007		Address 621 Daniel Shays Highway				
	80-0631				Town, State, Zip Belchertown, MA 01007				
Type of Preparer <u>LF</u>					Phone (413) 323-7120				
*Mass. Forester License	# 14				Mass, Lic. Harvester # 2019-039				
*Required for land unde	r Ch61, C	Ch61A or	Forest St	tewardsh	ip **This information may be supplied after the plan is approved, but before work begins.				
Stream Crossing	s				Harvesting in Wetlands				
Indicate location on map	SC-1	SC-2	SC-3	SC-4	Indicate location on map HW-1 HW-2 HW-3 HW-4				
Type of Crossing	BR	BR	BR	BR	Forest Type (see pg 2)				
Existing Structure	NO	NO	NO	NO	Acres to be Harvested  Resid. Basai Area				
Type of Bottom  Bank Height (ft)	ST 1-2'	st 2-3'	ST/MU	ST <1'	(>50%7)				
Stabilization	CO	CO	CO.	CO					
Minkley d Courseline		1 00	1 00.	00	J				
Wetland Crossing	js				Service Forester Comments				
Indicate location on map	WC-1	WC-2	WC-3	WC-4	]				
Length of Crossing	50'				thritage NO Take & See Attached AR				
Mitigation	DR				Amendment #17 Add 57-5 with				
Stabilization	со				SC-9 45C-10-11-13-18 AR				
Type of Crossing Existing Structure Type of Bottom Bank Height (ft) Stabilization  Wetland Crossing Indicate location on map Length of Crossing Mitigation Stabilization  Filter Strips			·····						
Indicate location on map	FS-1	FS-2	FS-3	FS-4					
Width (50', 100', or VA)	VA	VA	VA	VA					
			<del></del>						
Type of Preparer LF Mass. Lie For, CU Culve TH Lie. Tim. Har TB Timber Buyer FO Ford LO Landowner PO Polod OT Other  If Other (OT) is uss	t SE MU CO ST HB OT	Corduroy Sione Hay Bale Other	DR DA OT OR	ozen ry Hier	Type of Bultom LE Ledge Applicant must provide DCR with all relevant information ST Stony before plan may be approved and cutting may begin. Some forestry activities, such as prescribed burning and OR Gravel pesticide or fertilizer application may require additional parantis. OT Other Consult MA Forestry BMP Manual for further information.  It be given on an attached univarity page pg 3 of 5				

## Forest Products

## Products to be Harvested\*

Species	MILDOWs		Mb@Cds
Withor Page		Red Maple	3
Rod Pine		Sugar Maple	Į –
Pikh Pin,		Red Oak	298
Hemlock		Black Ook	9
Spouce		White Oak	1
Diligr Silved.		Office Hawd,	12
White Asir	6	Total Mbf	340
Deoch		Cordward (Cds)	442
White Birch		SW Pulp (Tens)	
6 & Y Birch	11	HW Putp (Fons)	
Black Cherry		Chique (Tures)	

\*Note: Volumes indicated in the Plan are as reported by the plan properer and have not been independently verified by the service forester upon approval. Mbf = throward heard feet.

## **Cutting Standards**

Indicate location on map	81.4	80.43	ST-3	5 <b>T</b> -4
Poresi Type	OR	ФH	OR	OR
Aurea	59	-3	В	2
Landowner (Fojective	LT	LT	LT	LT
Designmine of Trees	CT	C1	ÇT	CT
Typa of Cct	SA	SA	SA	SA
Source of Regeneration	SE	SE	SE	SE

## Landowner Signature

The most important information on a cutting plan is the Landowner's objective, as this will determine which trees will be harvested and which will remain; this decision will also determine the future condition of the forest for decades to come. After having read the Massachuseta Forest Carting Plan Information Sheet or, page one, indicate your objective by theteking the appropriate box below.

■ LT - Long-term Forest Management

Planned management of the forest to achieve one or more of the following objectives: produce immediate and maximize long-terms income, colunce wildlife habitat, improve recreational opportunities, protect soil and water quality, or produce forest specialty products.

ST - Short-torm Harvest

Horvest of trees with the main intention of producing shart-term meante with adulated consideration given to improving the future forest condition, which after results in a forest dominated by poor quality and low value species.

9-6-18

I (we) have read the Massnehuseus Curting Plan Information Sheet, and am uware of my (our) management options I (we) hereby certify that I (we) have the legal authority to carry out the operation described above.

I (we) certify that I (we) have notified the Conservation Commission in the town in which the operation is to take place and the abutters of record within two hundred feet of the area to be learvested.

I (we) understand that the volumes in this plan have not been independently verified by the service librexter input approval and will report final volues and volumes to the Director or higher agent If the final figures differ from those reported.

	Signature of landowner(s)	Date	_
	Determination and Status	Final Report and Comments	
e Forester	10 14	and fill relevant statutes have been substituted your pliced on	alli. 1-25-19 Date
Service	Extension I 2 2 Expires  Appl I Jis 1 App 2 Jis 2  Amendment I 3	Ser. For. Ints.	
Codes	Finest Types  WP White Yore  WN WPHen.  HII Band Inha  BL Bick Chery  WN WPHEN  WO WPUNDS  BL Bick Chery  BF Bessch  WO WPUNDS  WO W		ı .

I.F. Long-term Mg. ST. Short-serm Him. "If Other (OT) or a non-stundard system is used an explanation must be given on attacked nurrative page

pg 4 of 3

## Products to be Harvested\* Species Mbf/Cds Mbf/Cds White Pine Red Maple 9.7 Red Pine Sugar Maple Pitch Pine Red Oak 603.8 Hemiock Black Oak 27,2 Spruce White Oak 16.3 Other Sitwd, Other Hdwd. 12 White Ash Total Mbf 707.2 8 Beech 965 Cordwood (Cds) White Birch SW Pulp (Tons) B & Y Birch HW Pulp (Tons) Black Cherry Chips (Tons)

WP White Pine
WK WP/Hen
WH WP/Hdwd
WO WP/Oak
RP Red Pine
SR Red Spruce

\*Note: Volumes indicated in the Plan are as reported by the plan preparer and have not been independently verified by the service forester upon approval. Mbf = thousand board feet.

## **Cutting Standards**

Indicate location on map	ST-1	ST-2	ST-3	ST-4	ST-5
Forest Type	OR	ОН	OR	OR	OR
Acres	59	13	8	3	90
Landowner Objective	LT	LT	LT	LT	LT
Designation of Trees	CT	CT	CT	CT	CT
Type of Cut	SA	SA	SA	SA	SA
Source of Regeneration	SE	SE	SE	SE	SE

Landowi	ner Signature	
which will re	emain; this decision will also determine the future co	's objective, as this will determine which trees will be harvested and nelfflon of the forest for decades to come. After having read the indicate your objective by checking the appropriate box below.
Planned m following of income, en	LT — Long-term Forest Management anagement of the forest to achieve one or more of the objectives: produce immediate and maximize long-term shance wildlife habitat, improve recreational opportunit I and water quality, or produce forest specially products	ties, improving the future forest condition, which often results
I (we) have re I (we) hereby I (we) certify abutters of re I (we) unders	cord within two hundred feet of the area to be harveste stand that the volumes in this plan have not been indepe	the operation described above.  n in the town in which the operation is to take place and the d. endently verified by the service forester
upon approva	al and will report final values and volumes to the Direct	tor or his/her agent if the final figures differ from those reported.
	15	11-5-18
upon approva	15	
Signature of I	15	11-5-18
Signature of I	landowner(s)	//- 5 - 78 Date
Signature of I	landowner(s) nation and Status Approved Disapproved Expires	Date Final Report and Comments  I hereby certify that the after described Forest Cutting Plan
Signature of I	landowner(s) nation and Status Approved Disapproved Expires	Date  Final Report and Comments  I hereby certify that the after described Forest Cutting Plan and all relevant statutes have been substantially complied with.

Designation of Trees
CT Cut free
LT Leave Tree
SB Stand Boundary
OT Other
Landowner Objective
LT Long-term Mgt.
ST Short-term Har. Type of Cut

SH Shelterwood Intermediate Harvests:
Seed Tree CT Commercial Thin
SE Selection Non-Standard Systems:
SA Salvage HG Highgrade\*
SN Saultation DL Dianneter Limit\*
OT Other\* \*If Other (OT) or a non-standard system is used an explanation must be given on attached narrative page

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pg4of5

Source of Regeneration
AD Advanced
SB Natural Seed
PL Plant
CO Coppice
DS Direct Seed
OT Other

## Stream Crossings

indicate location on map	SC-5	SC-6	SC-7	SC-8	SC-9	SC-10
Type of Crossing	BR	BR	BR	BR	RR	138
Existing Structure	N	N	N	Y	1 2	101
Type of Bottom	ST	ST/MU	MU/ST	ST	ST	STIMU
Bank Height (ft)	1-2'	<1'	<1'	<1'	11.57	31/110
Stabilization	CO	CO	CO	co	100	(0

## **Wetland Crossings**

Indicate location on map	WC-5	WC-6	WC-7	WC-8	WC-9	WC-10
Length						
Mitigation						
Stabilization						

## Filter Strips

Indicate location on map	FS-5	FS-6	FS-7	FS-8	FS-9	FS-10
Width (50',100' or VA)	VA	VA	V.Á	VΑ		

## Harvesting in Wetlands

Indicate location on map	HW-5	HW-6	HW-7	HW-8	HW-9	HW-10
Forest Type (see pg 2)				-	· · ·	
Acres to be Harvested						<del></del>
Resid. Basal Area (>50%)						-

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Tuni	of Crassing	Challing at a			
3.700		Stabilization	Mitigation	Type of Bottom	Note:
CJ	Culvert	SE Seed	FR Frozen	LE Ledge	Applicant must provide DCR with all relevant information
BR	Bridge	MU Mulch	DR Dry	ST Stony	before plan may be approved and cutting may begin.
FO	Ford	CO Corduray	OT Other	MU Mud	Some forestry activities, such as prescribed burning and
C:4	Poled	ST Stone		GR Gravel	pesticide or fertilizer application may require additional permits.
or	Other	HB Hay Bales		OT Other	Consult MA Forestry BMP Manual for further information,
		OT Other			

If Other (OT) is used in any category an explanation must be given on narrative page

## **Forest Cutting Plan**

Narrative Page (Effective Date: 3/15/16) Use this page to provide further explanation or if Other (OT) was used in any category on pages 3 or 4. Landowner DCR DWSP

Town

New Salem

File Number

204.9487.19

Use this Section to provide-further explanation or if Other (OT) was used in any category in the Best Management Practices Section on Page 3.

The project objective is to salvage oak that has approximately 50% or more crown mortality from a third consecutive year infestation by the defoliating gypsy moth caterpillar. All timber to be cut is marked in blue paint. All skid roads are marked in orange paint. Three slashes of paint indicates harvest boundary. Some retention trees, mainly sugar maple, are flagged pink for hopeful avoidance during harvest. Pink flag also indicates the edges of small seeps that are to be avoided.

Timber has been unmarked (black paint) in stands 3 and 4. These stands represent a 300 ft. buffer from the reservoir shoreline where, although dead, more trees have been retained providing an early stage shelterwood condition from

Use this Section to describe the types of trees to be harvested and/or retained if Other (OT) was used for "Designation of Trees" in the Stand Treatment Section on page 4. Additional narrative description may be added on a separate page.

	Describe Trees to be Cut			Describe Trees to be Left			% BA	% BA/AC	
Stand No.	Species	Size	Quality	Species	Size	Quality	Cut	Left	
	-							•	

Use this Section to describe how Chapter 132 requirements will be met if a non standard system (HG, DL, or OT) was used for the "Type of Cut" in the Cutting Standards Section on page 4.

Stand No.

Source of Regeneration (ex. AD, SE)

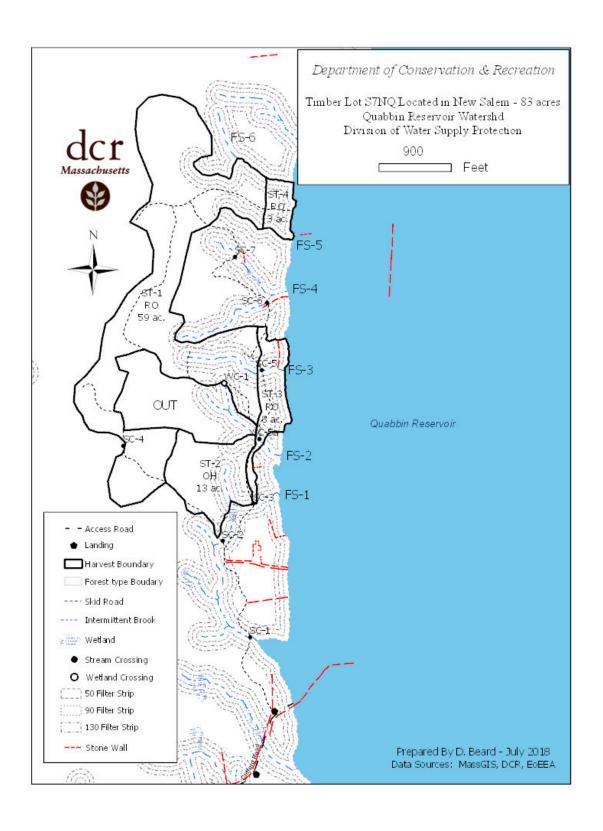
How will Regeneration be obtained/protected?

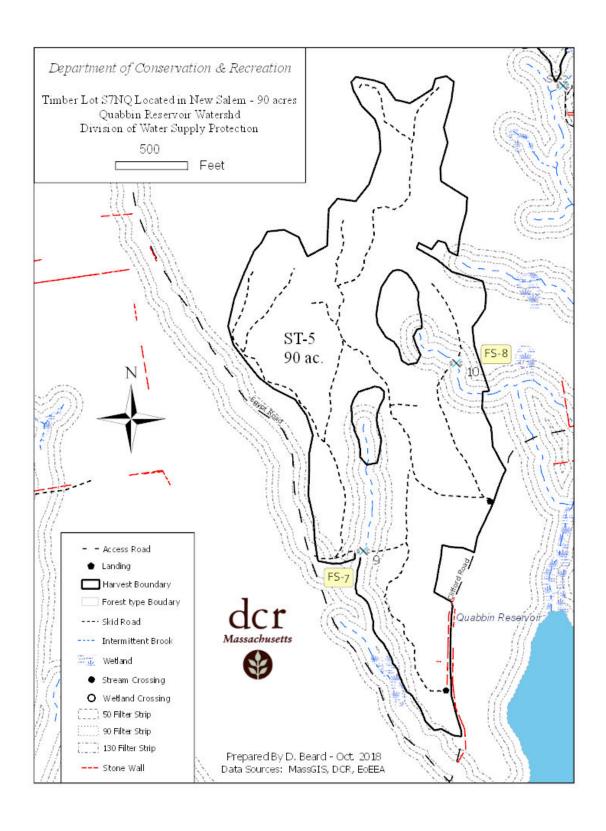
If using AD - Describe the species present and how the regeneration will be protected If using SE - Describe the source of the seed and the number of seed trees/acre

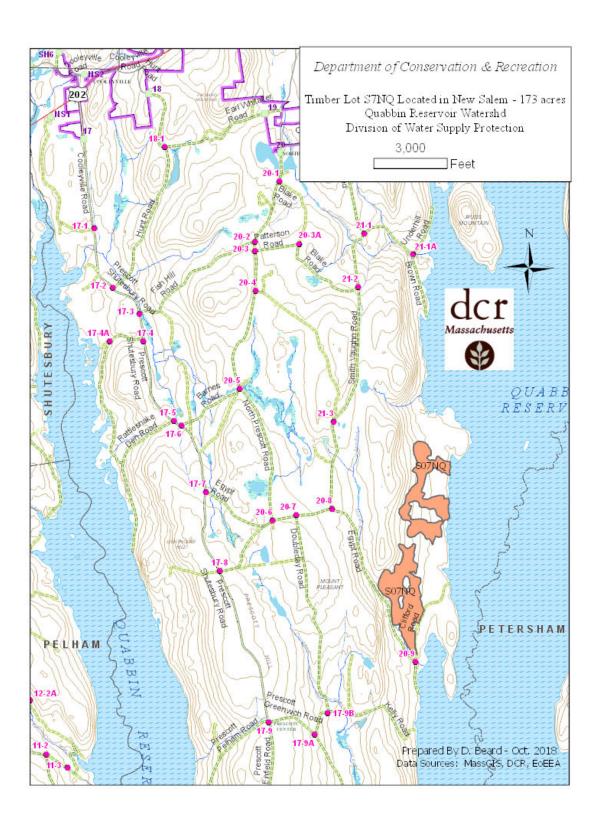
			· · · · · · · · · · · · · · · · · · ·
			`
			,

Stand No.	Describe what th	Desired Future to look like five	Condition years from the harvest, inc	cluding the condition	of the overstory	& understory
			::			
		 			***************************************	

pg 5 of 5







COMMONWEALTH OF MASSACHUSETTS

Department of Conservation and Recreation Division of State Parks and Recreation

FILE #24 - 9487-19



# FOREST CUTTING PLAN CERTIFICATE

Post this in a conspicuous place within the area in which the harvesting operation is to take place.

This certifies that DCR-DWSP Qualphin 485 Ware Rd, Belcher hwn, WA OKOT in accordance with the (Name of Owner) (Address)

provision of M.G.L. Chapter 132, Section 40-46, filed in Amhust F.O.

with the Dept. of Conservation

and Recreation, Division of State Parks and Recreation, a Notice of Intent to cut forest products upon the

Clifford Rd

Lot, New Salen

Approval Date\_\_\_9/u/18

Director's Agent Andrew RawCliffe

DCR Phone No. 61.548 · 1677

ISSUED BY:

Priscilla E. Geigis, Director Division of State Parks and Recreation

## WEST STOR OF ECTIF BROOK RD.

## **Forest Cutting Plan**

and Notice of Intent under M.G.L. Chapter 132 – The Forest Cutting Practices Act, 304 CMR 11.00 (Effective Date: 3/15/16)

For DCR Use Only:  File Number 207 - 9690 - 19  Date Ree'd 12 - 20 - 18  Earliest Start 1 - 3 - 19  River Basin 1 - 3 - 19  Gat. Ob 2-1	Case No. Not. Hert. Ara. Pub. Dr. Wot. Are ACEC AVO
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Location	Landowner
Town New Salem	NameDCR-DVVSP Quabbin Section
Roud Egypt Brook Rd. (Gate 17)	. Mading Address, 484 Ware Rd
Acros 46 Proposed Start Date	_
Vol. MBF 41,4 Vol. Cds. 94 Vul. Turs	Triwn, State, Zip. Belchertown, MA, 01007
	Phone 617-780-0631
Plan Preparer	Ch61
- I I I I I I I I I I I I I I I I I I I	FSC CR CR CR Unider
Name Derek Beard	
Address DCR - DWSP Quabbin Section	Licensed Timber Harvester**
484 Ware Rd.	Name John H. Conkey & Sona Logging
Town, State, Zip. Belchartown, MA. 01007	Address 621 Daniel Shay Highway
Phane (617) 780-0631	Town, State, Xio Belonertown, MA 01007
Type of Preparez L F	Phane (413) 323-7120
*Mass, Forester License # 14	Mass, Lie, Harvester # 2019-039
*Required for land under Chill, ChilA or Forest Stewards:	nin ***This information may be supplied after the plan is approved, but 'selfo
	work begree
Stream Crossings	Harvesting in Wetlands
Indicate location on map SC-1 SC-2 SC-3 SC-4	Indicate luceton an map   HW-1   HW-2   HW-3   HW-
Type of Creasing	Forest Type (see pg 2)
Existing Structure	Acres to be Hurvested
Type of Bottom	Reald Besal Area
Dank Deight (li)	(>50%?)
Stabilization	7
Wetland Crossings	Service Forester Comments
	-1
Indicate location on map WC-1 WC-2 WC-3 WC-4	<u>-</u>
Type of Crossing Existing Structure Type of Bottom Danis Delight (ii) Stabilization  Wetland Crossings  Indicate location on map WC-4 WC-2 WC-3 WC-4 Langth of Crossing Mitigation Stabilization  Filter Strips	
Mitigation	
Stabilization	
Filter Strips	
Edicate location on map   FS-1   FS-2   FS-3   FS-4   Wildon (SO: 100°, or VA)   VA   VA   VA   VA   VA   VA   VA	
WILDI (50. 180. B) V/I)	
Type of Prename I was of Crossing Stabilization Ministron 1.F. Mass Lie For CO Cultent SE Stad FR Fincen	Type of Bottom Note: LE Tedge Applicant mass previde DCR with all relevant information
itu discrimentar DR Bridge MC Molete DR Dry	5T Story foofne plea may be approved and during duty begin.
TS Timber Buyer PO Ford — CO Conducty OT Cities — [20] Janégonian PO Rital — ST Stone	MC Noted Some forestry Activities, such as pre-grand founding and GR Gravel personde on devolutes application may require additional permits.
Of Othe Of Other IIB Hay Baks	OT Ochu Congoli Mia Fensusy BMP Macrial thr Indher in formation.

## Products to be Harvested\*

Species MhDCda MIM/Cds White Plac Red Maple Red Aine Sugar Mople Pitch Pinc Red Cak 9.7 Hemlock Black Oak 1.9 Sprace Whole Oak 15.3 Other Silved. Other Hdwd. 5.5 White Ash Total Milif 41.4 Cardwood (Cils) Beach 94 White Birch SW Putp (Tous) H & Y Hirch HW Pulp (Tons) Black Cherry Chips (Tons)

\*Note: Volumes indicated in the Plan are as reported by the plan preparer and have not been independently verified by the service forester upon approval. Mbf = thousand board feet.

## **Cutting Standards**

Treatment Stand

Indicate issuling as map	ST-1	57-2	815	ST4
Forest Type	QM			
Arres	48			ļ
Lamilavenes Objective	LT		1	
Designation of Trees	CT			
Type of Cut	SA			
Singress of Regeneration	SE			

Landowner S	ignat	oure
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The most important information on a custing plan is the Landowner's objective, as this will determine which trees will be harvested and which will remain; this decision will also determine the future condition of the forest for decades to come. After having read the Massichusetts Forest Cutting Plan Information Sheet on page one, inclique your objective by checking the appropriate box below-

## LT = Long-term Forest Management

Planned management of the forest to achieve one or more of the intlowing objectives; produce immediate and maximize long-terou income, enhance wildlife liabitat, improve recreational apportunities, protect soil and water quality, or produce forest specialty products.

## ST - Short-term Harvest

Horvest of trees with the mant intention of producing short-term income with minimal consideration given to improving the fature forest condition, which often results in a forest dominated by poor quality and low value species.

I (we) have read the Massochusetts Cutting Plan Information Sheet, and am aware of my (our) management options.

I (we) hereby certify that I (we) have the legal authority to comy out the operation described above.

I (we) certify that I (we) have notified the Conservation Commission in the town in which the operation is to take place and the abunces of recent within two hundred feet of the area to be hervested.

i (we) understand that the volumes in this plan have not been independently verified by the service forester approval and will report final values and volumes to the Director or his/her agent if the final figures differ from those reported.

	12-17-18
ignature of landowner(s)	Date

	Determination and Status 204-9690-19	Final Report and Comments
Forester	Approved Disapproved Repries  Cotting Plan   12/26/20  Aforeved   13-18  Signature of Service Forgett Director's Agent Date	There by pertify that the affers described Princet of and all independ statutes leave been substantially Signators of Service Parestr/Director's Agent
ervice		Sport use of Prescribed For

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Sorendment

## ly certify that the allow described Princit Cutting Plan-

been substantially compiled with.

Sport use of Precision for no value the overchelously for grand cover to sportedte the transfer and diversity wildlife their Al

9.25-19

WE WH WO RP	Funct Tives White Full With I func With I dwd With Uzb Red Aut ked Spriet	1146 1107 1011	Hemiode Hem? Idval Islek (Nemy Deeffsir/Map Oak? Idval Nilbok Oak	RM DU SF SM	Mixed Gal- Bed Maple Specific Syrgin Maple Pach Par	CT IJ SB CT IAN	englion of Theo. Qui Tree Quite Thee Short Benefithey Other downer Objective Long-test, Mg. Short-english	56: 5A	Type of Saction read Seed Tires Clear Cun Selection Salvape Savitzada	Truc CT MV Now HG DL	ameding Parrieus; Commercial Thin Non Con Thin Biandard Systems:* Higherate* Diameter Limit* Others	A1 S4 P0 C0 D3	e of Rest <u>encion</u> 1) Advances  1) Natural Seed  1) Plant  2) Copplies  5) Direct Seed  1) Other
	*1000	her (	OT) on a nu	ni-al é	aldard system	ın İst	used on explanat	iun nui	ist he given or	ullu	ched narrative pa	ge	pg 4 of 3

\*IFOther (OT) or a num-standard system is used an explanation must be given on uttocked narrative page.

## **Forest Cutting Plan**

Narrative Page (Effective Date: 3/15/16)
Use this page to provide further explanation or if
Other (OT) was used in any category on pages 3 or 4.

Landowner

DCR\_DWSP

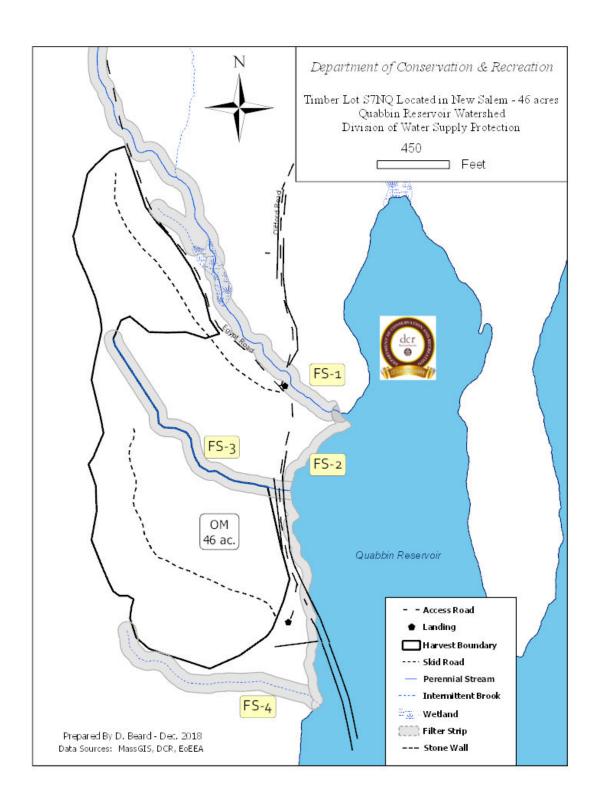
Town

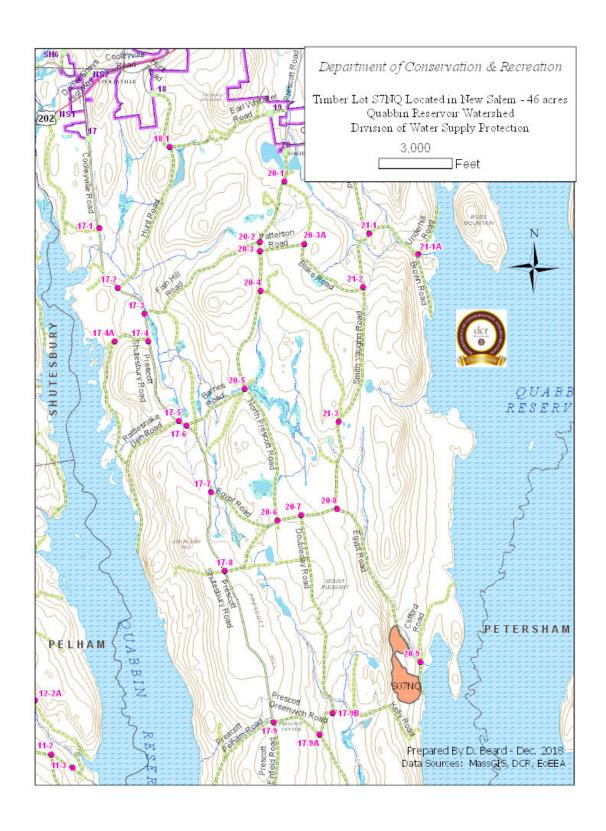
New Salem

File Number

204.9690-19

H-ST-PT-	e project	objective s to a	an vaga ca.c.		timbar to be cut i		to a second bill out	d coodo aro	mande
with	h orange	paint	ā ākbak uron	т свенрава. Ан	INTEGER TO DE CULT	a marked in o	nuc parti. 7ui sk	u toaos are	THAIRS
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	Use				sted annivor recained i				
1		in the Stand T	realment Section	in on page 4. Add:	320b oviter uza llanoiri	ciption diay be e	dded on s separate p	nge.	
1	· ·	Describe Tree	es to be Cut		Describe Tr	ees to be Let	α	% BA	/AC
St	tano No.	Spooles	Size	Quality	Species	Size	Quality	Спг	Lat.
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COMMONWEALTH OF MASSACHUSETTS

Department of Conservation and Recreation Division of State Parks and Recreation

FILE # 204. 9690-19



# FOREST CUTTING PLAN CERTIFICATE

Post this in a conspicuous place within the area in which the harvesting operation is to take place.

This certifies that DCR-DwSP (Nuabbyn 484 Mare & Belcherfman, Main accordance with the (Name of Owner) with the Dept. of Conservation

and Recreation, Division of State Parks and Recreation, a Notice of Intent to cut forest products upon the provision of M.C.L. Chapter 132, Section 40-46, filed in AnnoberSt F.O.

Egypt Brook Rd 104, New Salery (Godt 17), 1/3/19

Director's Agent And New Kawlchffe

DCR Phone No. (017-549-1677

ISSUED BY:

Division of State Parks and Recreation Priscilla E. Geigîs, Director