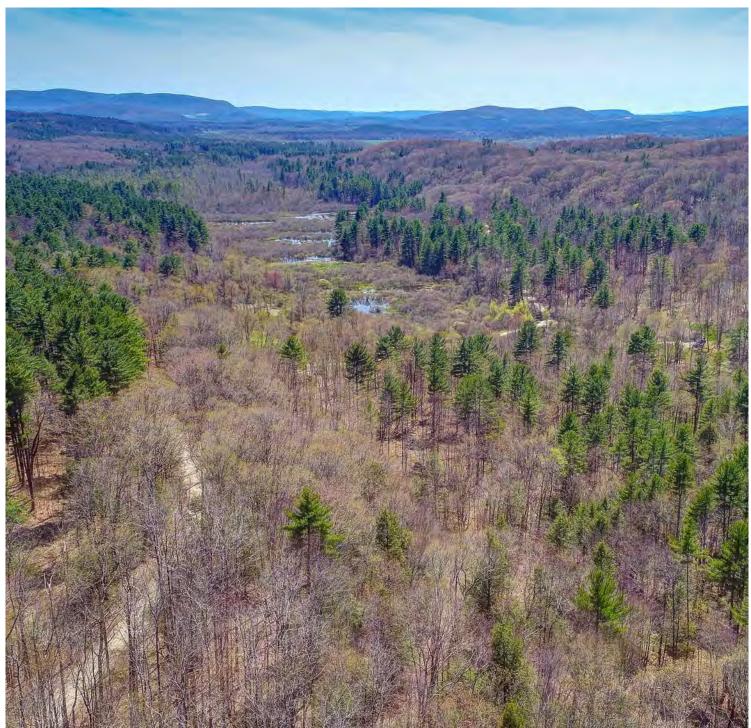
Water Farm Road Land

Sheffield, Massachusetts | 370± Acres with Improvements



For more information, please contact:

KEITH ROSS 978-544-5767 | kross@landvest.com CINDY WELCH 413-418-3233 | cwelch@landvest.com



HQ: Ten Post Office Square, Boston, MA 02109 | 617-723-1800 www.landvest.com

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A. STATEMENT OF LIMITATIONS

This Property Profile is a compilation of public record information and additional information from the Seller regarding approximately 370 +/-acres of land and improvements. The property is located along Water Farm Road Sheffield, Massachusetts and is currently offered for sale by LandVest, Inc. (hereinafter, the Offered Property).

Neither the Seller nor Seller's representatives make any express or implied representation or warranty as to the accuracy or completeness of any information in this information package or any of the exhibits attached hereto, and none of such persons shall have any liability relating to or arising from use of any information or any errors there in or omissions there from. Prospective buyers are not entitled to rely on the accuracy or completeness of this information and shall be entitled to rely solely on such representations and warranties as may be in a Purchase and Sale Agreement relating to the proposed acquisition, subject to the terms and conditions of such agreement.

Any alternative use of the Offered Property implied in this information package **does not** constitute a warranty or guarantee of approval. It is the sole responsibility of the Buyer to determine the viability of any contemplated use of the Offered Property under pertinent federal, state, and local regulations. The Seller makes no representation as to the likelihood of approval of any proposed use.

Neither Seller nor any of its representatives are under any legal obligation and shall have no liability of any nature whatsoever with respect to the proposed acquisition by virtue of this information package or otherwise.

No legal liability is created by this information package, and this document is to be used in whole and not in part. Any sketches produced by LandVest in this information package show approximate dimensions and are included only to assist the reader in visualizing the Offered Property.

The Offered Property is sold in its as is condition and no warranties, guarantees, or representations are given as to the condition of site improvements or their compliance with federal, state, or local building, zoning, and/or other regulations.

The Seller reserves the right to reject all offers, to enter into an agreement with someone other than the highest offeror, and to negotiate further with one or more offerors. If an offer sets forth a price and conditions that are acceptable to the Seller, the Seller will prepare a proposed Purchase and Sale Agreement which will require a deposit of a portion of the purchase price, to be forfeited upon nonperformance. No party, Seller or Buyer, will be bound until a Purchase and Sale Agreement is signed by both parties and the deposit paid.

Access to the Offered Property is not allowed unless accompanied by an authorized employee of LandVest, Inc. LandVest, Inc. by reason of this property profile, may not be required to give testimony in court with reference to the Offered Property described herein.



B. SUMMARY OF IMPORTANT FACTS

Offered Property:	370 acres of forest and wetlands with 8,828 feet of road frontage on Water Farm Road and 606' of road frontage on Soda Spring Creek Road. The property has been the source of public drinking water for the town of Sheffield since 1895. The off site drilled deep wells and infrastructure were sold several years ago and the land that remains with two springs generating 9 to 17 mil gals /year is now available. There are extensive wetlands on the property with significant uplands associated.
Property Location:	Water Farm and Soda Spring Creek Roads Sheffield, MA
Assessor Map & Lots:	Map 34 Lot 14.1 and 15, Map 22 Lot 28
Record Owners:	Water Farm Group
Recorded Deeds:	Book 319 Page 179 property deed descriptions assembled in Mortgage document. (Perimeter survey currently underway.)
Zoning:	The majority of the property is located in the Rural District, with small portions located in the Water Supply Overlay District
Wetlands:	See attached maps
Flood Zones:	See attached maps
Utilities:	Electric on the road and water and sewer are private

Assessments

Owner	Address	Map/ Lot	Frontage	Deed	Date	Assessed Acres	Land Chapter 61 Assessment	Market Land Assessment	Buildings	Assessment
Water Farm Group, PO Box 295, Sheffield, MA 01257	282 Water Farm Road, Sheffield, MA	22-3-28	6,760	319- 179	4/14/1958	293.00	\$ 151,200	\$ 574,500	\$ 95,700	\$ 246,900
Water Farm Group, PO Box 295, Sheffield, MA 01257	Water Farm Road, Sheffield, MA	34-1- 14- 1	1,631	319- 179	4/14/1958	27.00	\$ 2,000	\$ 96,500	\$ -	\$ 2,000
Water Farm Group, PO Box 295, Sheffield, MA 01257	Water Farm Road, Sheffield, MA	34-1-16	2,674	319- 179	4/14/1958	50.00	\$ 8,500	\$ 129,800	\$ 1,100	\$ 9,600
Total:	Total:		11,065			370.00	\$ 161,700	\$ 800,800	\$ 96,800	\$ 258,500



C. PROPERTY IDENTIFICATION

370 +/- acres of forest and wetlands with 8,828 feet of road frontage on Water Farm Road and 606' of road frontage on Soda Spring Creek Road. The property has been the source of public drinking water for the town of Sheffield for more than 100 years. The two off site drilled deep wells and infrastructure were sold several years ago and the land with two springs. Historic records show production between 9 and 17 mil gals of water per year. There are extensive wetlands on the property with significant uplands associated that could support 6 to 8 large house lots. The two springs infrastructure include two 30,000 gal covered concrete storage tanks and the associated infrastructure for managing spring flows. The Soda Spring Creek flows into the Ironworks brook just south of the property boundary which then joins the Housatonic River. The property has been professionally managed by licensed foresters for more than 15 years.

TOWN OF SHEFFIELD DESCRIPTION

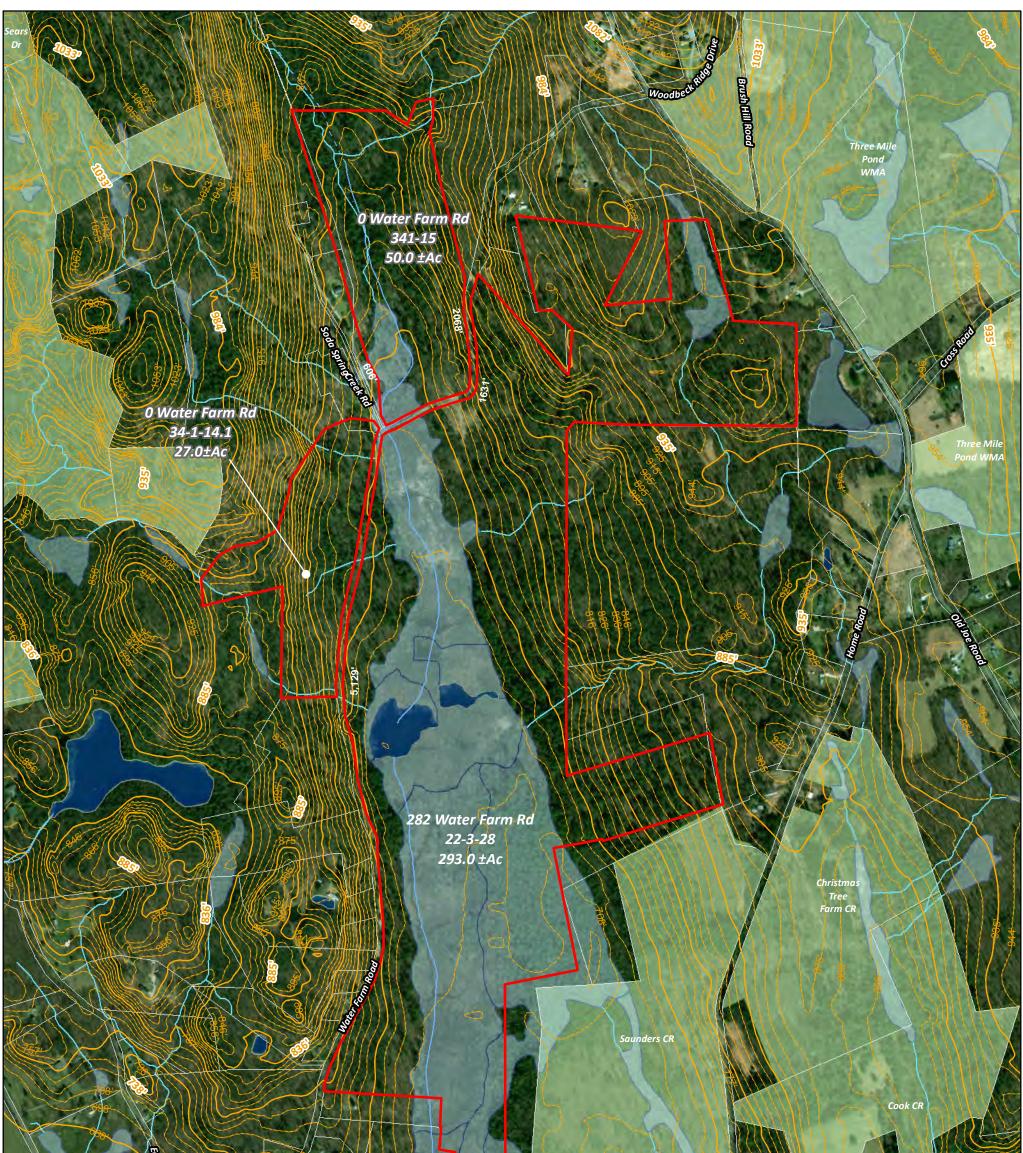
Sheffield is a town in Berkshire County, Massachusetts, United States. It is part of the Pittsfield, Massachusetts Metropolitan Statistical Area. The population was 3,257 at the 2010 census.^[1] Sheffield is home to Berkshire School, a private preparatory school. The former resort town includes the village of **Ashley Falls**, and is bordered by various other towns and villages, such as Egremont and Great Barrington. (Adapted from Wikipedia)

TOWN OF SHEFFIELD HISTORY

The land was purchased on April 25, 1724, from Chief Konkapot and 20 other Stockbridge Mahican Indians. Its price was 460 pounds, 3 barrels of cider and 30 quarts of rum. The lower township of Housatonic (as Outhotonnook would be corrupted) was first settled by Matthew Noble of Westfield, who arrived in 1725.

But New York claimed west of the Housatonic River under the Westenhook Patent, dated July 11, 1705, and insisted that Massachusetts cease encroachment. Indeed, one early settler was arrested and incarcerated at Albany as a trespasser on Westenhook land. Nevertheless, Sheffield, Massachusetts, was officially incorporated on June 22, 1733, the first town incorporated in what is now Berkshire County. Its north parish was set off and incorporated as Great Barrington in 1761. Located on the fertile floodplain of the Housatonic River valley, the principal industry was agriculture.

The Sheffield Resolves, or Sheffield Declaration, was an early Colonial American petition against British rule and manifesto for individual rights, drawn up as a series of resolves approved by the Town of Sheffield on January 12, 1773, and printed in *The Massachusetts Spy, Or, Thomas's Boston Journal* on February 18, 1773. Sheffield was also the site of the bloodiest (and last) battle on February 27, 1787, during Shays' Rebellion. (Adapted from Wikipedia)





Legend

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Adjacent Pr	operties
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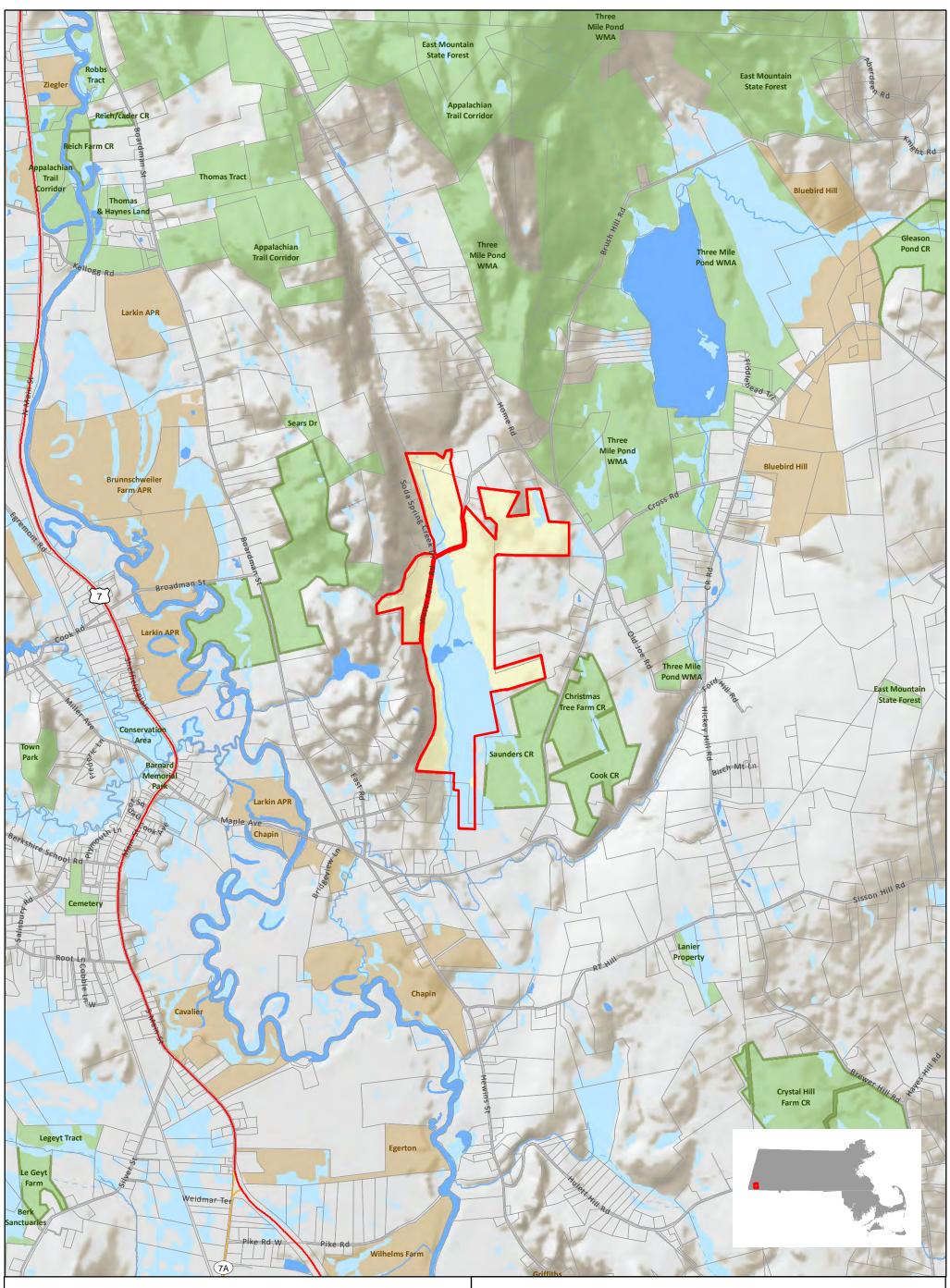
Intermittent Streams

map service.

- Protected Land
- Contours (ft)
- 💋 Open Water
- S Wetlands

Base Plan Orthophotograph





Legend

Subject Property - 370.0 ±Ac

Adjacent Properties

Protected Land

Conservation Restrictions (CRs)

Agricutural Preservation Restrictions (APRs)

- 🗩 Open Water
- Wetlands

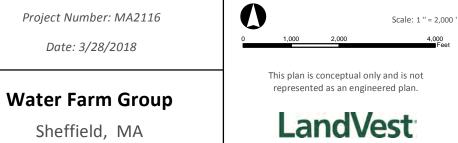
Perennial Streams

- 1 Intermittent Streams
- \sim Contours (ft)

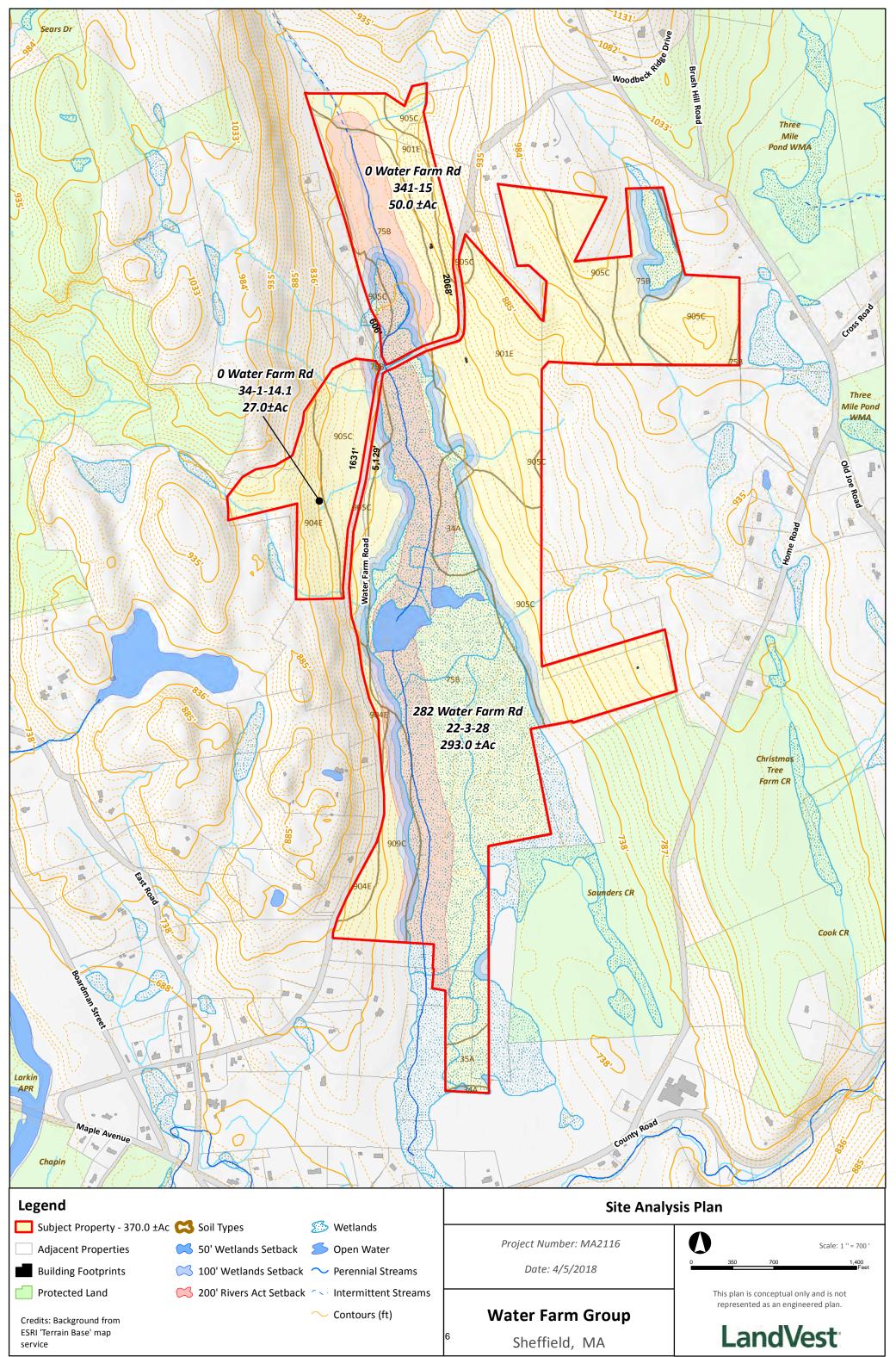
Credits: Background from ESRI 'Terrain Base' map service

5

Conservation Context



4,000 Feet



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D. REGULATORY FACTORS

The following section of this Property Profile discusses some of the regulatory factors that have an impact on proposed uses of the Offered Property.

ZONING

The Offered Property is located in the Town of Sheffield's Rural District and a small portion under the Water Supply Protection District. Single-family dwellings and their accessory buildings, uses, and structures are the predominant permitted uses by right. Additional uses as permitted by special permits are described in the town bylaws available on line at: https://www.sheffieldma.gov/sites/sheffieldma/files/uploads/zoningbylawmay_2016final.pdf

Rural District Zoning

Minimum Lot Size:	1 acre
Maximum Building Coverage	25%
Minimum Frontage:	100 ft.
Front Yard Setback:	40 ft.
Side Yard Setback:	25 ft.
Rear Yard Setback:	25 ft.
Maximum Building Height:	35 ft.

WETLANDS

see orthographic map in Appendix B.

FLOOD ZONES

see orthographic map in Appendix B.

RARE SPECIES: PRIORITY & ESTIMATED HABITAT

A review of the MassGIS Natural Heritage data layer indicates that there are no rare and endangered species present on the Offered Property. **However, this information is updated periodically and the buyer is encouraged to seek the latest information from The Massachusetts Natural Heritage and Endangered Species Program (NHESP).**

The NHESP is responsible for the regulatory protection of rare species and their habitats as codified under the Massachusetts Endangered Species Act (M.G.L. c.131A), it's implementing regulations (321 CMR 10.00), and Wetlands Protection Act (M.G.L. c.131s.40) and its implementing regulations (310 CMR 10.00). If a project site is within Priority Habitat or Estimated Habitat of Rare Species and the proposed activity is not exempt then the project proponent must file with the NHESP.



If Estimated and Priority Habitat is identified on the Offered Property, coordination with Natural Heritage will be necessary. This process typically involves 1) submitting an information request to determine what species may be in the vicinity of the project; 2) if NHESP determines that a rare species may be present on the property, it is necessary to hire a qualified professional to perform a comprehensive wildlife habitat survey; 3) submit a site plan to NHESP for review. NHESP will determine if there is a "taking" of a rare species. If NHESP determines there is a taking, the applicant must apply for a Conservation and Management Permit.

ENVIRONMENTAL CONDITIONS

There are no known adverse environmental conditions on the site based on information provided by the client and a review of local records.

CONSERVATION OPPORTUNITIES

The property is located in a unique portion of the Berkshires with several conserved properties nearby. The extensive frontage along the Soda River the combinations of wetlands and forests are attractive area that are targeted by local and regional conservation organizations. There are several state and federal programs that provide funds for conservation projects that meet their particular conservation objectives. The local Sheffield Land Trust, the regional Berkshire Natural Resources Council (www.bnrc.net) and the Nature Conservancy (www.nature.org) have been very active conserving properties with significant natural resources in this area. Initial discussions with these groups have indicated their interest in developing a conservation project for portions of this property in partnership with several abutters and other nearby landowners including the state of Mass Division of Fisheries and Wildlife.

Water Farm Road

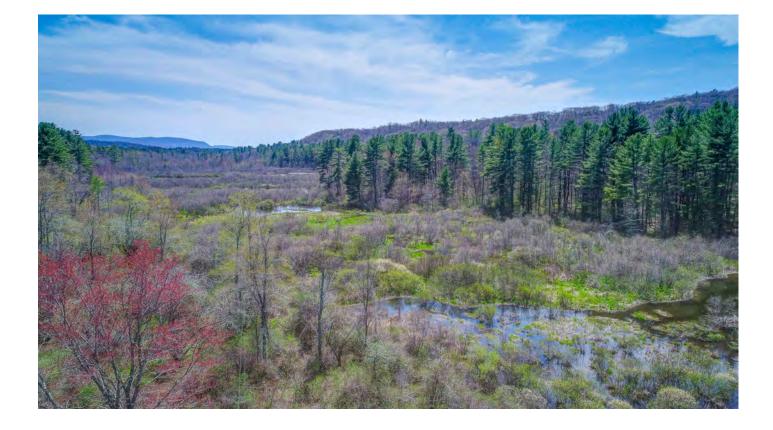




LandVest Keith Ross • 978-544-5767 • kross@landvest.com • www.landvest.com Cindy Welch • 413-329-3999 • cwelch@landvest.com • www.landvest.com



Water Farm Road





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APPENDIX

- Property Record Cards
 Forest management plan

Property Record Card

	Parcel ID:	267/022.0-0003-0028.0	MAP:	022.0 B	LOCK: 0	003	LOT:	0028.0	Parcel Add	ress: 282 \	VATER FAR	MRD	FY:	2017		
ARCEL INFORMATIO	ON	Use-Code:	016	Sale F	rice:	30,00	0	Book:	31	9	Road Typ	e:	т	Inspect Date:		18/2012
Owner:		Tax Class:	т	Sale D	ate:	04/14	/1958	Page:	179		Rd Condition:		P Meas D		07/	18/2012
SHEFFIELD WATER CO	OMPANY	Tot Fin Area:	0	Sale T	ype:	L		Cert/Doc:			Traffic:		М	Entrance:	х	
Address:		Tot Land Area:	293.000	Sale V	alid:	Y					Water:		NO	Collect Id:		
P O BOX 295		Sewer:		Granto	or:						Sewer:		NO	Inspect Reas	s: P	
SHEFFIELD MA 01257		Exempt-B/L%	0/0	Resid-	B/L%	0/87		Comm-B/L	% 10	0/13	Indust-B/L	.%	0/0	Open Sp-B/L	_% 0/0	
											LAND I	NFORMAT	ΓΙΟΝ			
							NBHD	CODE:	2	NBHD C	LASS:		ZONE:	R1		
							Seg	Туре	Code	Method	Sq-Ft	Acres	Influ-Y/N	Value	Class	
							1	Р	130	A		1.000	Ν	55,000		
							2	S	130	A	1742400	40.000	N	110,000		
							3	R	130	A	1306800	252.000	N	409,500		
							4	P	130	A	43560	1.000	N		M	
							5	S	130	A	261360	6.000	N N		M	
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							Curren	t Total:	246,900	Bldg:	95,700	Land:	151,200	MktLnd:	574,500	
							Prior T	otal:	290,900	Bldg:	97,400	Land:	193,500	MktLnd:	767,000	
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Property Record Card

	Parcel ID:	267/034.0-0001-0014.1	MAP:	034.0	BLOCK:	0001	LOT:	0014.1	Parcel Add	ress: 0 WA	ATER FARM I	RD	FY:	2017		
PARCEL INFORMATION		Use-Code:	601	Sa	ale Price:	0		Book:	31	9	Road Typ	e:	т	Inspect Da	ite:	
Owner:	r: Tax Class:		т	Sa	ale Date:	04/1	5/1958	Page:	17	9	Rd Condit	ion:	Р	Meas Date	:	
SHEFFIELD WATER COMP	SHEFFIELD WATER COMPANY Tot Fin Area:			Sa	ale Type:	L		Cert/Doc:			Traffic:		М	Entrance:	С	
Address:	s: Tot Land Area:			Sa	ale Valid:	Y					Water:		NO	Collect Id:		
P O BOX 295	X 295 Sewer:			G	rantor:						Sewer:		NO	Inspect Re	as:	
SHEFFIELD MA 01257		Exempt-B/L%	0/0	R	esid-B/L%	0/0		Comm-B/L	% 0/*	100	Indust-B/L	.%	0/0	Open Sp-E	3/L% 0/0)
										LAND I	NFORMA	TION				
							NBHE	O CODE:	2	NBHD C	LASS:		ZONE:	R1		
							Seg	Туре	Code	Method	Sq-Ft	Acres	Influ-Y/N	Value	Class	
							1	Р	392	А		1.000	N	55,000		
							2	S	392	А		6.000	N	16,500		
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Property Record Card

PARCEL INFORMATION Owner: SHEFFIELD WATER COMPAN Address: P O BOX 295	IY	Use-Code: Tax Class: Tot Fin Area:	016 T 0	Sal	e Price: e Date:	0 04/15	1958	Book: Page:		319 179	Road Type Rd Condit		T P	Inspect Date Meas Date:		1/03/2010 1/03/2010
SHEFFIELD WATER COMPAN Address: P O BOX 295	IY	Tot Fin Area:					1958	Page:		179	Rd Condit	ion:	D	Maga Data:	1	1/03/2010
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P O BOX 295					е Туре:	L		Cert/Doc:			Traffic:		М	Entrance:	х	
		Tot Land Area:	50.000	Sal	e Valid:	Y					Water:		NO	Collect Id:	т	В
		Sewer:		Gra	intor:						Sewer:		NO	Inspect Reas	as: M	
SHEFFIELD MA 01257		Exempt-B/L%	0/0	Res	sid-B/L%	0/59		Comm-B/L%	%	100/41	Indust-B/L	.%	0/0	Open Sp-B/L	_% 0/	/0
											LAND II	NFORMA	TION			
							NBHD	CODE:	2	NBHD C	LASS:		ZONE:	R1		
							Seg	Туре	Code	Method	Sq-Ft	Acres	Influ-Y/N	Value	Class	
							1	Р	130	А		1.000	Ν	55,000		
							2	S	130	A		9.000	Ν	24,750		
							3	R	130	А	1742400	40.000	Ν	50,000		
							4	R	130	A	174240	4.000	Ν		Μ	
							5	Р	601	А	2003760	46.000	Ν		F	
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							Prior T	otal:	9,600	Bldg:	1,200	Land:	8,400	MktLnd:	185,900	
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FOREST MANAGEMENT PLAN

Submitted to: Massachusetts Department of Conservation and Recreation For enrollment in CH61/61A/61B and/or Forest Stewardship Program



		CHI	ECK-OF	FS			_		Adminis	trative	Box	
CH61	CH61A		CH61B		STWSHP	C-S		Case No.		Ori	g. Case No.	
cert.	cert.		cert.		new [EEA		Owner ID		Ado	d. Case No.	
recert.	recert.		recert.		renew [] Other		Date Rec'	d	Ecc	region	
amend	amend		amend		Green Cer	,		Plan Peric	od	— Тор	oo Name	Ashley Falls & Great Bar
					Conservati	on Rest.		Rare Spp.	Hab.	Riv	er Basin	Housatonic
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								Acres	Acres	Acr	es	
22	28		2427		330	285.58		30.5	255.08			
34	15		2427		330	50		4.0	46.00			
34	14.1		2427		330	27		0.0	27.00			
				Т	OTALS _	362.58		34.5	328.08			
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from previ	ious plan as the	e south	ern portion	n of the	e alder swan	p has bee	n inclu	ded in CH6	veiw. Excluded 1 acreage as acc that includes the	cessory la	and.	×.

<u>Amendment 0/10/2017</u>: Sale of 7.42 acres in the southwestern portion of the property that includes the water tank. There total acres, excluded area acres and CH61 acres have all been reduced to reflect this land sale. <u>Amendment 9/6/2017</u>: Name Change.

STAND DESCRIPTIONS OBJ STD NO TYPE AC MSD OR SIZE-CLASS BA/AC VOL/AC SITE INDEX CH61 1 WH 72 13.2" 108 9.8 MBF 64 WP 6.2 CORDS

WH is an eastern white pine/hardwoods forest type. This stand is dominated by eastern white pine with associated species being red maple, black birch and northern red oak. Scattered species include white oak, hickory, white ash, white birch, aspen, black oak, black cherry and yellow birch. The overall stand quality and condition is good. Species to manage for here are white pine, red oak, red maple, white oak, black cherry, yellow birch, hickory and black birch. This stand was harvested roughly 8 years ago with witch hazel, spicebush, hay-scented fern, rubus and scattered invasive species and black birch saplings regenerating in the openings. The following species quality is from a timber perspective. White pine and red oak quality is good to very good. Black birch, red maple and yellow birch quality is fair to good. White birch quality is fair and the quality of the rest of the species present is good. Invasive species were observed in this stand and consist of scattered bittersweet, barberry and multiflora rose. Regeneration in the seedling sized class is very scattered white pine. Sapling sized regeneration is scattered white pine, black birch and American beech. Ground cover is leaf/needle litter, Canada mayflower, maple-leaf-viburnum, hay-scented fern and scattered wood fern, grasses and blueberry. Shrub layer is spicebush, witch hazel and scattered beaked hazelnut. Scattered grape and poison ivy were observed in the vine layer. Ledge is present scattered in the northern section. Slope is 2%-25% with a southwest to westerly aspect. Harvest chance is fair to good and management chance is good. Access is good and drainage is good. The average total tree height is 80' with 65% crown closure. This stand has a management priority of medium. The soil types here are BmE, Berkshire-Marlow association and PmC, Peru-Marlow association. The desired future condition of this stand is a high quality, uneven-aged white pine/hardwoods forest type. Species to encourage are white pine, red oak, red maple, white oak, black cherry, yellow birch, hickory and black birch. The mature and poor quality stocking should be reduced and the invasive species present should be eradicated.

CH61	2	AL	65	NA	NA	NA	40 RM
------	---	----	----	----	----	----	-------

AL is an alder swamp. Overall stand quality and condition is poor. This stand is not a management priority and should be maintained as is for the benefits of water quality protection, open space and wildlife habitat. This stand should be classified under CH61 as accessory lands. Tree species present are very scattered red maple and eastern white pine. Some of the wetland vegetation present is red-osier dogwood, speckled alder, willow, skunk cabbage, sedge and cattails. Invasive species were present and consist of phragmites, multiflora rose and honeysuckle. Slope is 2%-5% in a westerly to southwesterly aspect. A series of beaver ponds are located in the center of this type. Drainage is very poor. Soil type here is PoB, Pillsbury loam. The desired future condition is to maintain it as a wetland.

CH61	3	WH	46	14.1"	126	11.9 MBF	64 WP
						4.9 CORDS	

WH is an eastern white pine/hardwoods forest type. This stand is dominated by eastern white pine with associated species being white ash and northern red oak. Scattered species include eastern hemlock, yellow birch, sugar maple, black birch and red maple. The overall stand quality and condition is good. Species to manage for here are white pine, red oak, white ash, sugar maple, yellow birch and scattered hemlock along the streams. This stand was harvested roughly 20-30 years ago with sugar maple, white ash and scattered yellow birch, hemlock and black birch pole sized stocking regenerating in the openings. The following species quality is from a timber perspective. White pine, white ash, red oak and sugar maple quality is good to very good. Hemlock and yellow birch quality is fair to good and the quality of the rest of the species present is good. Invasive species were observed in this stand and consist of barberry. Regeneration in the seedling sized class is scattered striped maple. Sapling sized regeneration is scattered yellow birch, white ash, sugar maple and hemlock. Ground cover is leaf/needle litter, moss, Christmas fern and scattered grasses, trillium, trout lily, partridgeberry, wood fern and skunk cabbage in the seeps and depressions adjacent to the streams. Shrub layer is scattered spicebush, witch hazel and hornbeam. Scattered grape was observed in the vine layer. Slope is 5%-30% with southwest to easterly aspects. Harvest and management chance are both good to very good. Access is good and drainage is good to fair with scattered seeps and depressions adjacent to the streams. The average total tree height is 80' with 90% crown closure. This stand has a management priority of medium-high to high. The soil types here are BmE, Berkshire-Marlow association and PmC, Peru-Marlow association. The desired future condition of this stand is a high quality, uneven-aged white pine/mixed hardwoods forest type. Species to encourage are white pine, red oak, white ash, sugar maple, yellow birch and hemlock. The mature and poor quality stocking should be reduced and the invasive species present should be eradicated.

 OBJECTIVE CODE:
 CH61 = stands classified under CH61/61A/61B
 STEW= stands not classified under CH61/61A/61B

 STD= stand
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STAND DESCRIPTIONS

OBJ	STD NO	TYPE	AC	MSD OR SIZE-CLASS	BA/AC	VOL/AC	SITE INDEX
CH61	4	WH	38.08	14.2"	106	11.0 MBF 3.6 CORDS	66 WP

WH is an eastern white pine/hardwoods forest type. This stand is dominated by eastern white pine with associated species being black birch, northern red oak and white ash. Scattered species are red maple, white oak, eastern hemlock, hickory and black cherry. The overall stand quality and condition ranges from fair to very good. This stand is a very narrow band between Water Farm Road to the west and the large wetland to the east. The southern end consists of better quality stocking while the northern end becomes poor with scattered seeps, fair to poor drainage and an abundance of invasive species. Species to manage for here are quality hardwoods of all species and scattered white pine and hemlock. The following species quality is from a timber perspective. The quality of all the species present ranges from good to very good. Invasive species were observed in this stand and consist of scattered bittersweet, multiflora rose, barberry, honeysuckle and euonymus with dense pockets located in the central to northern section. Regeneration in the seedling sized class is striped maple. Sapling sized regeneration is hemlock. Ground cover is leaf/needle litter, moss, wood fern, Christmas fern and scattered grasses, partridgeberry and skunk cabbage and interrupted fern in the seeps. Shrub layer is witch hazel, striped maple and scattered hornbeam, nannyberry, spicebush and dense pockets of invasive species. Slope is 5%-15% with an easterly aspect. Harvest chance is very good and management chance is fair to good. Access and drainage both range from good to poor. The average total tree height is 85' with 90% crown closure. This stand has a management priority of medium-high to high as a percentage of the stocking is mature to overmature and the invasive species are beginning to form dense pockets, severely inhibiting native tree species from regenerating. The soil type here is PmC, Peru-Marlow association. The desired future condition of this stand is a quality, uneven-aged mixed hardwoods forest type with scattered white pine and hemlock. Species to encourage are all quality hardwoods and scattered white pine and hemlock. The poor quality stocking should be reduced and the invasive species present should be drastically reduced and/or eradicated.

CH61	5	WH	34	14.7"	82	6.2 MBF	60 WP
						4.2 CORDS	

WH is an eastern white pine/hardwoods forest type. This stand is dominated by eastern white pine with associated species being red maple. Scattered species include white ash, black cherry and apple. The overall stand quality and condition is fair. This stand was lightly harvested roughly 8 years ago with spicebush, multiflora rose and scattered white pine seedlings regenerating in the openings. Species to manage for here are red maple, black cherry, white ash and white pine. The following species quality is from a timber perspective. White pine and red maple quality ranges from good to poor and black cherry and white ash quality is fair to good. Invasive species were observed in this stand and consist of dense multiflora rose, bittersweet, barberry, honeysuckle and scattered buckthorn. Regeneration in the seedling sized class is invasive species. Sapling sized regeneration is scattered red maple, hickory and white ash. Ground cover is leaf/needle litter, sedge, moss, Christmas fern and sensitive fern. Shrub layer is dense invasives and spicebush. Grape and scattered poison ivy was observed in the vine layer. Slope is 5%-15% with a southwest to westerly aspect. Harvest chance and management chance are both fair. Access is fair to good and drainage is fair to poor. The average total tree height is 65' with 65% crown closure. This stand has a management priority of medium-high to high as the invasive species have formed a dense understory and are severely inhibiting native tree species from regenerating. The soil types here are BmC, Berkshire-Marlow association, FrA, Fredon fine sandy loam and PmC, Peru-Marlow association. The desired future condition of this stand is a quality, unevenaged mixed hardwoods forest type with scattered white pine. Species to encourage are red maple, black cherry, white ash and white pine. The poor quality stocking should be reduced and the invasive species present should be drastically reduced and/or eradicated.

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STAND DESCRIPTIONS

OBJ	STD NO	TYPE	AC	MSD OR SIZE-CLASS	BA/AC	VOL/AC	SITE INDEX
CH61	6	WH	21	14.6"	74	8.6 MBF 3.8 CORDS	62 WP

WH is an eastern white pine/hardwoods forest type. This stand is dominated by eastern white pine with associated species being black birch. Scattered species include white ash, hickory and eastern hemlock. The overall stand quality and condition is good. This stand was harvested roughly 8 years ago with rubus, black birch, witch hazel, white pine and scattered American beech, striped maple, hay-scented fern and spicebush regenerating in the openings. Species to manage for here are black birch, hickory, white pine and white ash. The following species quality is from a timber perspective. White pine quality ranges from good to poor. Black birch and hickory quality is good and hemlock and white ash quality is fair to good. Invasive species were observed in this stand and consist of bittersweet and very scattered barberry, multiflora rose and Norway maple. Sapling sized regeneration is black birch and scattered beech. Ground cover is leaf/needle litter, moss, grasses, rubus and Christmas fern. Shrub layer is witch hazel, striped maple and scattered spicebush. Grape was observed scattered in the vine layer. Surface stones are scattered throughout. Slope is 5%-25% with a westerly aspect. Harvest chance and management chance are both good. Access is good and drainage is good. The average total tree height is 75' with 65% crown closure. This stand has a management priority of medium. The soil type here is PmC, Peru-Marlow association. The desired future condition of this stand is a quality, uneven-aged white pine/hardwoods forest type. Species to encourage are white pine, hickory, black birch and white ash. The poor quality stocking should be reduced and the invasive species present should be drastically reduced and/or eradicated.

CH61	7	WH	20	8.2"	45	0.0 MBF	40 WP
						6.2 CORDS	

WH is an eastern white pine/hardwoods forest type. The WH designation will be used here although this is more of a wooded wetland. This stand is dominated by eastern white pine, eastern hemlock and red maple. The overall stand quality and condition poor. This stand is not a management priority. The following species quality is from a timber perspective. The quality of all the species present is poor. Ground cover is skunk cabbage, moss, sphagnum moss, marsh marigold, sedge and other wetland plant species. Shrub layer is scattered blueberry and spicebush. Slope is 0%-1% with a westerly aspect. Harvest and management chance are very poor. Access is poor and drainage is poor. The average total tree height is 45' with 30% crown closure. The soil type here is PoB, Pillsbury loam. Again this stand is not a management priority and should be maintained as is for water quality protection, flood mitigation and wildlife habitat.

CH61	8	OH	15	13.7"	120	12.1 MBF	65 RO
						2.4 CORDS	

OH is a northern red oak/hardwoods forest type. This stand is dominated by northern red oak with associated species being aspen. Scattered species include eastern hemlock, white oak, chestnut oak, red maple and white ash. The overall stand quality and condition is good to very good. Species to manage for here are red oak and scattered white oak, red maple, hemlock and white ash. The following species quality is from a timber perspective. Red oak quality is good to very good and the quality of the rest of the species present is good. Regeneration in the seedling sized class is beech and scattered striped maple. Sapling sized regeneration is beech. Ground cover is leaf litter, moss, maple-leaf-viburnum and scattered grasses, lycopodium and Christmas fern. Shrub layer is scattered mountain laurel, striped maple and witch hazel. Ledge and boulders are present. Slope is 15%-30% with an easterly aspect. Harvest and management chance are both good to very good. Access is fair to good and drainage is good to very good. The average total tree height is 75' with 95% crown closure. This stand has a management priority of medium-high to high as a good portion of the red oak stocking is mature. The soil type here is LtE, Lyman-Tunbridge association. The desired future condition of this stand is a high quality, even-aged oak/hardwoods forest type. Species to encourage are red oak and scattered red maple, white oak, white ash and hemlock. The mature and poor quality stocking should be reduced.

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STAND DESCRIPTIONS

OBJ	STD NO	TYPE	AC	MSD OR SIZE-CLASS	BA/AC	VOL/AC	SITE INDEX
CH61	9	WH	6	14.2"	100	11.7 MBF 3.5 CORDS	62 WP

WH is an eastern white pine/hardwoods forest type. This stand is dominated by eastern white pine with associated species being white ash. Scattered species include sugar maple and black birch. The overall stand quality and condition is fair to good. Species to manage for here are white ash, sugar maple, black birch and scattered white pine. The following species quality is from a timber perspective. White pine and white ash quality is fair to good and black birch and sugar maple quality is good. Invasive species were observed in this stand and consist of barberry and scattered multiflora rose and euonymus. Sapling sized regeneration is scattered hickory, yellow birch and sugar maple. Ground cover is leaf/needle litter, gooseberry, trout lily, Christmas fern and scattered skunk cabbage adjacent to the road. Shrub layer is scattered spicebush, striped maple and hornbeam. A large pocket of grape was observed adjacent to the road. Slope is 5%-15% with an easterly aspect. Harvest chance and management chance are both fair to good. Access is good and drainage ranges from good to poor adjacent to the road. The average total tree height is 70' with 90% crown closure. This stand has a management priority of medium-high. The soil type here is PmC, Peru-Marlow association. The desired future condition of this stand is a quality, uneven-aged mixed hardwoods forest type with scattered white pine. Species to encourage are white ash, sugar maple, black birch and scattered white pine. The poor quality stocking should be reduced and the invasive species present should be drastically reduced and/or eradicated.

CH61	10	HH	6	12.3"	133	9.3 MBF	60 HK
						7.6 CORDS	

HH is an eastern hemlock/hardwoods forest type. This stand is dominated by eastern hemlock with associated species being black birch, northern red oak and white ash. Scattered species include red maple and hickory. The overall stand quality and condition is fair to good. Species to manage for here are red oak, hickory, black birch and red maple. The following species quality is from a timber perspective. Hemlock quality ranges from good to poor. Red oak quality is good to very good and the red maple, white ash and hickory quality is good. Invasive species were observed in this stand and consist of scattered barberry. Sapling sized regeneration is hemlock. Ground cover is leaf/needle litter, moss, Christmas fern and scattered wood fern and skunk cabbage adjacent to the road. Shrub layer is scattered hornbeam. Scattered pockets of grape were observed in the vine layer. Slope is 5%-15% with an easterly aspect. Harvest chance and management chance are both fair to good. Access is good and drainage ranges from good to poor adjacent to the road. The average total tree height is 70' with 95% crown closure. This stand has a management priority of medium to medium-high. The soil type here is PmC, Peru-Marlow association. The desired future condition of this stand is a quality, uneven-aged mixed hardwoods forest type with scattered hemlock. Species to encourage are red oak, hickory, black birch and red maple. The poor quality stocking should be reduced and the invasive species present should be eradicated.

CH61	11	RM	5	8.8"	40	0.4 MBF	45 RM
						4.3 CORDS	

RM is a red maple forest type. This stand is dominated by red maple with scattered species being eastern white pine. This stand is a red maple swamp. The overall stand quality and condition is poor. The following species quality is from a timber perspective. Red maple and white pine quality is poor. Invasive species were observed here and consist of barberry. Sapling sized regeneration is scattered white pine. Ground cover is skunk cabbage, sedge, false hellebore, interrupted fern and sensitive fern. Shrub layer is spicebush, speckled alder and scattered blueberry, red-osier dogwood and nannyberry. Slope is 0%-2% with a southerly aspect. Harvest and management chance are both poor. Access is poor and drainage is poor. The average total tree height is 45' with 50% crown closure. The soil type here is PoB, Pillsbury loam. This stand is not a management priority and should be maintained as is to protect water quality, ensure flood mitigation and to provide wildlife habitat.

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MANAGEMENT PRACTICES to be done within next 10 years

OBJ	STD NO	TVDE			TO BE R	EMOVED	
OP1	NO	ТҮРЕ	SILVICULTURAL PRESCRIPTION	AC	BA/AC	TOT VOL	TIMING
CH61			BOUNDARY MAINTENANCE				2013
Curren southy	ntly a ma western p	jority of the ortion, east o	boundary lines contain old blazes and faded of Water Farm Road are unidentifiable in the	orange pair field and sl	it. These lines should be locate	should be repai d blazed and p	nted. The ainted.
CH61	1	WH PE	EST MANAGEMENT/INVASIVES CONTI	ROL 72	NA	NA	2013
scatter combi	red through nation th	ghout the sta ereof. Fundi	It should be eradicated. They consist of bitter nd. This may be accomplished through eithe ng for these practices may be available throu ered under the WHIP/EQUIP program.	r chemical a	and/or physical	treatments or	some
manag to beco sawlog be dras thereos and sh	gement of ome estal gs should stically re f. Fundin ould be c	nt practice p ojectives are blished. The be removed educed and/c g for this inv covered unde	INDIVIDUAL/GROUP SELECTION ST MANAGEMENT/INVASIVES CONTR lanned for this stand is a combination of an it to provide for crop tree release as well as pr mature and poorly formed white pine, white and the poor quality stocking reduced. The or eradicated. This may be possible through of vasive species control may be possible through or the WHIP/EQUIP program. It is highly red potential for the invasives to spread rapidly	ndividual tr ovide a favo ash and sca invasive spe chemical an- gh the Natur commended	brable environr attered red oak, ecies present, c d/or physical n ral Resources (that this practi	nent for quality black birch an onsisting of ba neans or some of Conservation S	v regeneration d hemlock rberry should combination ervice (NRCS)
manag to becco and hid narrow wildliff presen eradica invasiv under t	ement of ome estal ckory sav v strip loc e habitat t, consist ated. This ve species the WHII	nt practice p ojectives are olished. The vlogs should cated in-betw and an appro- ing of scatter s may be pos s control may P/EQUIP pro-	INDIVIDUAL/GROUP SELECTION EST MANAGEMENT/INVASIVES CONTI- lanned for this stand is a combination of an it to provide for crop tree release as well as pri- mature and poorly formed white pine and so be removed and the poor quality stocking re- veen Water Farm Road and the large wetland opriate filter strip should be maintained to en- red barberry, multiflora rose, honeysuckle an sible through chemical and/or physical mean y be possible through the Natural Resources ogram. It is highly recommended that this pri- tes to spread rapidly throughout the stand.	ndividual tr ovide a favo attered red : educed. This . Large lega isure water ad bitterswe as or some of Conservatio	brable environmentable, red oak maple, red oak s harvest should acy white pine quality protect et should be dr combination the on Service (NR	nent for quality , black birch, b d be light as th trees should be ion. The invasi astically reduc ereof. Funding (CS) and should	regeneration lack cherry is stand is a left for ve species ed and/or for this d be covered
CH61	5	WP PE	ST MANAGEMENT/INVASIVES CONTR	OL 25	NA	NA	2013
a favor barberi This m	able env ry, multif ay be po	ironment for lora rose, bi ssible throug	lanned for this stand is pest management/inv quality regeneration to become established. ttersweet and scattered honeysuckle and buc the chemical and/or physical means or some of whethe Natural Resources Concernation Se	The invasive kthorn shout combination	ve species pres Id be drasticall thereof. Fund	ent, consisting by reduced and ing for this invi	of dense or eradicated.

 OBJECTIVE CODE: CH61 = Forest Products (for Ch. 61/61A/61B)
 STEW= Stewardship Program practices

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 Sheffield

control may be possible through the Natural Resources Conservation Service (NRCS) and should be covered under the

WHIP/EQUIP program.

MANAGEMENT PRACTICES to be done within next 10 years

OBJ	STD NO	ТҮРЕ	SILVICULTURAL PRESCRIPTION	10	TO BE R	EMOVED	
	110		SILVICULIUKAL PRESCRIPTION	AC	BA/AC	TOT VOL	TIMING
CH61	6	WH I	PEST MANAGEMENT/INVASIVES CONTR	OL 21	NA	NA	2013

The management practice planned for this stand is pest management/invasives control. The invasive species present, consisting of bittersweet and scattered barberry and multiflora rose should be drastically reduced and/or eradicated. This may be possible through chemical and/or physical means or some combination thereof. Funding for this invasive species control may be possible through the Natural Resources Conservation Service (NRCS) and should be covered under the WHIP/EQUIP program. The grape vines present should also be severed as they are currently outcompeting quality pole stocking.

CH61	8	OH	COMMERCIAL THINNIING	15	30	30 MBF	2014
						25 CORDS	

The management practice planned for this stand is a commercial thinning. The management objective is to provide for crop tree release. The mature and poorly formed red oak and scattered chestnut oak, aspen and red maple sawlogs should be removed and the poor quality stocking reduced. Openings should be scarified to encourage red oak to regenerate.

CH61	9	WH	INDIVIDUAL/GROUP SELECTION	6	25	15 MBF	2014
		F	PEST MANAGEMENT/INVASIVES CONTROL	,		15 CORDS	2013

The management practice planned for this stand is a combination of an individual tree and group selection treatment. The management objectives are to provide for crop tree release as well as provide a favorable environment for quality regeneration to become established. The mature and poorly formed white pine and scattered white ash sawlogs should be removed and the poor quality stocking reduced. The grape vines should also be cut in the process as they are currently overtopping quality pole stocking. The invasive species present, consisting of barberry, euonymus and scattered multiflora rose should be drastically reduced and/or eradicated. This may be possible through chemical and/or physical means or some combination thereof. Funding for this invasive species control may be possible through the Natural Resources Conservation Service (NRCS) and should be covered under the WHIP/EQUIP program. It is highly recommended that this practice be implemented prior to the harvest to minimize the potential for the invasives to spread rapidly throughout the stand.

CH61	10	HH	INDIVIDUAL/GROUP SELECTION	6	30	10 MBF	2014
			PEST MANAGEMENT/INVASIVES CONTROL			10 CORDS	2013

The management practice planned for this stand is a combination of an individual tree and group selection treatment. The management objectives are to provide for crop tree release as well as provide a favorable environment for quality regeneration to become established. The mature and poorly formed scattered hemlock, red oak, white ash, black birch and red maple sawlogs should be removed and the poor quality stocking reduced. The grape vines should also be cut in the process as they are currently overtopping quality pole stocking. The invasive species present, consisting of scattered barberry should be drastically reduced and/or eradicated. This may be possible through chemical and/or physical means or some combination thereof. Funding for this invasive species control may be possible through the Natural Resources Conservation Service (NRCS) and should be covered under the WHIP/EQUIP program. It is highly recommended that this practice be implemented prior to the harvest to minimize the potential for the invasives to spread rapidly throughout the stand.

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 Town(s)
 Sheffield

Signature Page Please check each box that applies.

CH. 61/61A Management Plan I attest that I am familiar with and will be bound by all applicable Federal, State, and Local environmental laws and /or rules and regulations of the Department of Conservation and Recreation. I further understand that in the event that I convey all or any portion of this land during the period of classification, I am under obligation to notify the grantee(s) of all obligations of this plan which become his/hers to perform and will notify the Department of Conservation and Recreation of said change of ownership.

Forest Stewardship Plan. When undertaking management activities, I pledge to abide by the management provisions of this Stewardship Management Plan during the ten year period following approval. I understand that in the event that I convey all or a portion of the land described in this plan during the period of the plan, I will notify the Department of Conservation and Recreation of this change in ownership.

Green Certification. I pledge to abide by the FSC Northeast Regional Standards and MA private lands group certification for a period of five years. To be eligible for Green Certification you must also check the box below.

Tax considerations. I attest that I am the registered owner of this property and have paid any and all applicable taxes, including outstanding balances, on this property.

Signed under the pains of perjury:

Owner(s)	Date
Owner(s)	Data

I attest that I have prepared this plan in good faith to reflect the landowner's interest.

Plan Preparer Date 9/6/2017

I attest that the plan satisfactorily meets the requirements of CH61/61A and/or the Forest Stewardship Program.

Approved, Service Forester_____Date_____

Approved, Regional Supervisor_____Date_____

In the event of a change of ownership of all or part of the property, the new owner must file an amended Ch. 61/61A plan <u>within 90 days</u> from the transfer of title to insure continuation of Ch. 61/61A classification.

Owner(s) <u>Water Farm Group, Inc.</u> Town(s) <u>Sheffield</u>

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