

Doyle Conservation Center 464 Abbott Avenue Leominster, MA 01453

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www.thetrustees.org

May 22, 2012

Ellen O'Brien Cushman, Chair Land Management Committee for Lone Tree Hill 455 Concord Avenue Belmont, MA

Dear Ellen,

I am writing to follow up on our monitoring visit of the conservation restriction (CR) on Town of Belmont conservation land, the Town cemetery, and McLean Hospital on May 17, 2012. I have enclosed copies of the monitoring reports, route map and photos from this visit with this letter.

Overall, the property under CR is being extremely well managed by the Town of Belmont and McLean Hospital, with the oversight of the Land Management Committee. I commend all of your hard work to protect the resources and provide for access, use and enjoyment by the general public, McLean visitors and residents of the homes at McLean.

We did, however, observe several issues that we would like to bring to your attention. The issues on the Lone Tree Hill CR include: continued encroachment of backyard play set and recent cutting of two mature trees near the barn; erosion from drainage pipes possibly leading from the pool at the Day School; a wooden xylophone constructed by students / staff at Belmont Day School and appears to extend onto CR land (see http://belmontday.org/index.php?id=282 for a story on the structure from the school website); a structure /shelter and fire pit; numerous abutters dumping yard waste.

On the McLean property, we observed the construction underway near Trapelo Road (see Waypoint 12) and noted the drainage pipes extending from and below the large retaining wall that is being built. I have not seen the construction drawing or permits for this development, but I want to raise the concern that storm water discharge from this development could possibly cause erosion leading to and extending onto the conservation restriction land.

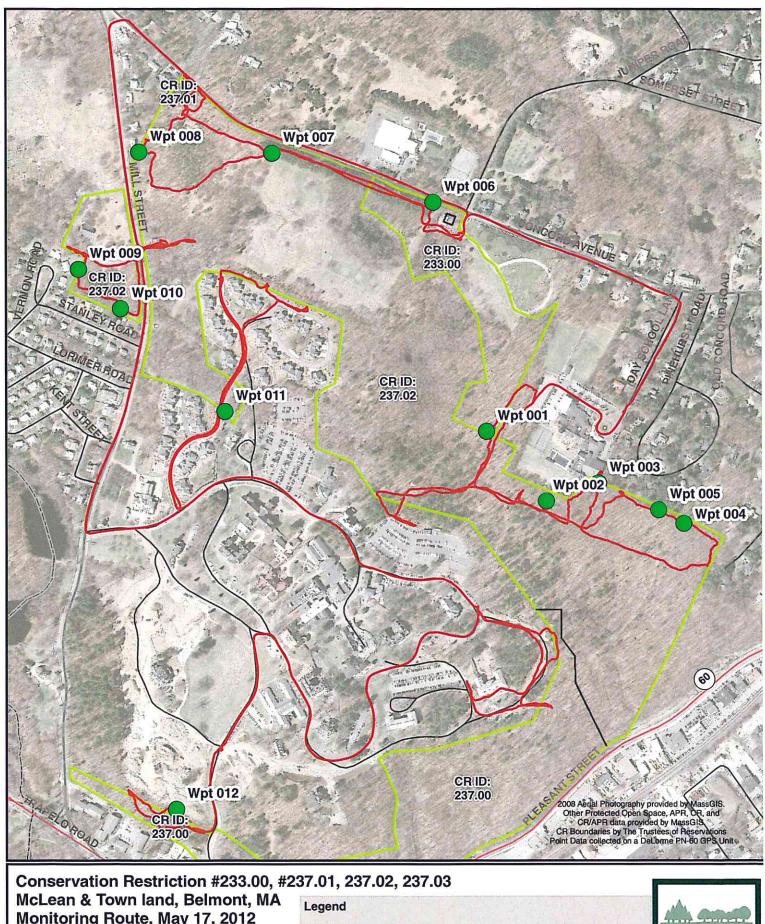
Finally, I recommend signing the CR boundaries in areas with continued encroachment, and contacting abutters about ceasing their activities. Also, we encourage you to follow up on issues related to the Belmont Day School.

Please let me know if you have any questions or concerns about our report.

Sincerely yours,

Conservation Restriction Program Director

Cc: Andy Healy, McLean Hospital



Monitoring Route, May 17, 2012 -237.00.2012-5-17.Monitoring-track-1 CR boundary line 237.00.2012-5-17.Monitoring-waypoint -- Building Envelope the trustees of reservations -Internal Lot Line 1,000 Feet 0 125 250 500 750 - Use Area Boundary



Photo I, Waypoint I. Circular rock maze.



Photo 2, Waypoint 1. Tipi built from sticks.



Photo 3. Waypoint 2. Wooden Xylophone (drop ball down it to make sounds).



Photo 4, Waypoint 3. Drainage pipes, two small and one large.

Photographer: Chris Rodstrom

Signature:



Photo 5, Waypoint 3. Erosion path from drainage pipes.



Photo (extra), Waypoint 3. Larger look at erosion path with view of drainage pipe.



Photo 6, Waypoint 3. Tree fallen in erosion path, possibly due to erosion leading from drainage pipes.



Photo 7, Waypoint 4. Pile of yard waste dumped just over stone wall onto CR.

Photographer: Chris Rodstrom

Signature:

CR Name: Mclean CR (Town Open Space, Cemetery, Mclean Hospital)



Photo 8, Waypoint 5. Large pile of leaves just over stone wall, estimated 10 by 20 ft. Request signs.



Photo (extra), Waypoint N/A. Found Lady Slippers Photo extra, not mapped.



Photo 9, Waypoint 6. New stone wall.

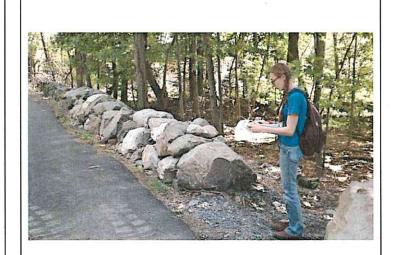


Photo 10, Waypoint 6. New stone wall from the other side.

Photographer: Chris Rodstrom

Signature:



Photo 12, Waypoint 7. Fire pit next to dwelling made from sticks.



Photo II, Waypoint 7. Small dwelling made from sticks and twigs, positioned next to tree.



Photo 13, Waypoint 8. Constructed gate to get in and out of property.



Photo 14, Waypoint 8. Waste dumped from backyard through removable gate entrance.

Photographer: Chris Rodstrom-

Signature:



Photo 15, Waypoint 9. Dirt rubble and grass clippings from abutter.



Photo 16, Waypoint 9. Grass clippings from the other side.



Photo 17, Waypoint 10. Stump of tree cut down by abutter.



Photo 18, Waypoint 10. More stumps of trees cut down by abutter.

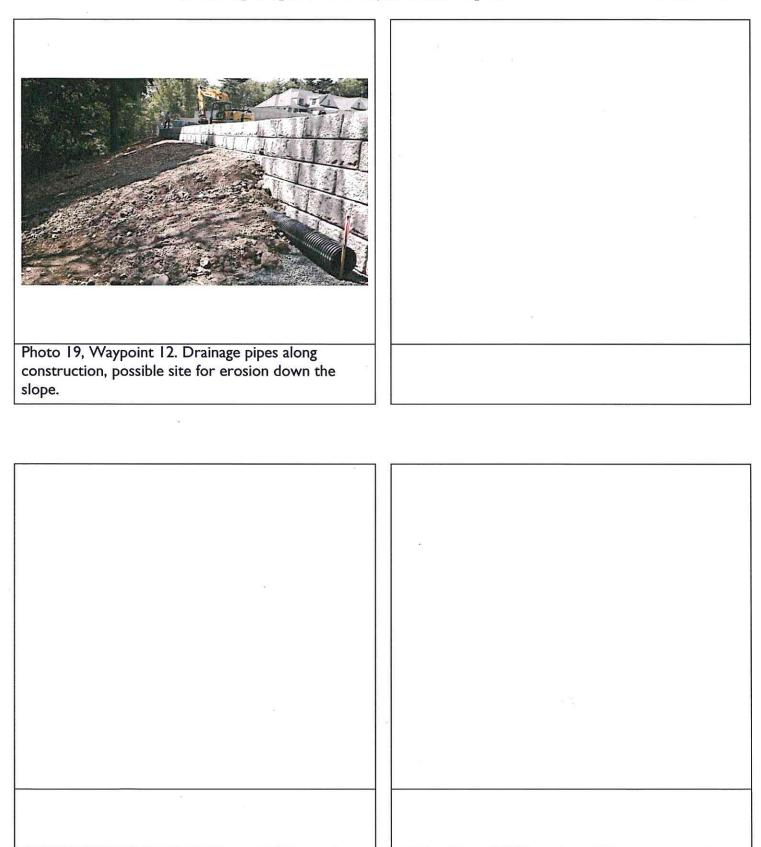
Photographer: Chris Rodstrom

Signature:

GROUND MONITORING PHOTOS

CR #: 233, 237

CR Name: Mclean CR (Town Open Space, Cemetery, Mclean Hospital)



Photographer: Chris/Rodstrom

Signature:



CR Program l	Jse Only
Issue identified:	9
Follow up:	

CR Number: 233 Inspection Date: 5/17/2012 Arrival Time: 11:30	Dep	parture Time:	3:30						
Landowner Name(s): Ellen O'Brien Cushman, Land Mgmt Cmt CR Address: 455 Conce	ord Avenu	ue, Belmont							
Was the landowner/landowner representative contacted prior to visit?		⊙ Yes	○ No*						
Method(s) of contact: ☐ Letter ☐ Email ☐ Phone ☐ Voicemail		In Person	None						
*If you received <u>no response</u> OR <u>no attempt</u> to contact was made, please explain:									
Any changes to landowner's contact info and/or preferred method of contact (e.g. email, cell phone, etc)? OYes* • No									
*Explain:									
Did the CR landowner:	one/emai	l C No Conr	ection						
CR Monitor(s) name(s): Chris Rodstrom (TTOR), Justina Smith (TTOR)									
Others present on CR visit (include affiliation):									
CURRENT LAND USE: (check all that apply)									
Residential Agricultural Forestry Public Recreation Habit	at/Wetlan	d Horse	s/Livestock						
Other Use/Mgmt. Activity:									
INSPECTION ACTIVITIES:									
Method(s) of monitoring: ☐ On Foot ☐ By Car ☐ Other									
Were CR boundaries inspected?	Yes	○No	O N/A						
Are the boundaries of the CR identifiable? *PLEASE identify unclear boundaries on Route Map	CYes	⊙No*	C N/A						
*Explain: We used DeLorme GPS unit and stone walls to locate boundaries									
Did you observe any survey monuments/corners (e.g. SB/CBs, IPs, drill holes) along the CR *PLEASE Annotate approximate location(s) AND corner type(s) on your Route Map	boundari	ies? (Yes*	•						
Were the boundaries of building/use area envelope(s) inspected?	○ Yes	○No	N/A						
Are the boundaries of the building/use area envelope(s) identifiable?									
Is the landowner agreeable to posting of CR boundary signs?	○ Yes	Is the landowner agreeable to posting of CR boundary signs? O Yes O NO N/A							
			⊚ N/A						
*NATURAL CHANGES OBSERVED: (since last year's monitoring visit)		One							
*NATURAL CHANGES OBSERVED: (since last year's monitoring visit) Storm Damage Invasive Exotics Flooding Erosion	ì	Other							

*MAN-M	ADE ACTIV	TIES/CHANGES OBSER	VED: (since last year	r's monitoring visit)			
Dump	oing	☐ Material Storage	☐ Clearing	Abutter En	croachment 🔀	Stone Wall	Alteration
⊠ New S	Structure	☐ New Road/Trail	☐ Dredging/Fill	ing Excavation	☐ ATVs	Other	□ N/A
			130				
*Explain:	New struct	ure (rock maze & tee-pe	e at pt 1); rebuilt sto	ne wall at pt 6			
	L , i						
If you me	t/walked wi	th the landowner, did yo	ou discuss new man-	-made activities/chan	ges? OYes*	C No	● N/A
*Explain:	i i					e	
Did you o	bserve any	changes in adjacent lan	d use that could cau	se possible impacts to	o the CR?	○ Yes*	No
*Explain:	3						
*ANYTH	NG ELSE O	F INTEREST OBSERVED	≟ ⊠ Flora		ural Resources	Other	□ N/A
*Explain:	Lady's Slipp	ers; Baltimore Oriole					
ANY OTH	IER CR REL	ATED QUESTIONS/COM	IMENTS and/or FU	TURE ACTIVITIES DIS	CUSSED:		
Did the C	R landowne	r have any questions RE	: the terms and/or la	inguage of their CR?		○Yes*	No
Restri	icted Activit	ies 🔲 Reserved R	tights 🔲 Build	ling/Use Envelope(s)	☐ Future A	Activities	Other
	1	Postarius annielionius (finite)	to the second se	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u>— ш— такиналичению поч</u>		
*Explain:	3						
	ú.		turing a sign				
Did you o	bserve any	activities/mgmt. practic	es in need of further	discussion by CR Pro	gram w/ landow	ner? () Ye	s* ⊚ No
	j.						
*Explain:	9						
	2						
DATA CO	DLLECTED d	luring monitoring insp	ection: 🔀 Photos	GPS Track	⊠ GPS Wa	ypoint(s)	□ N/A
MISCELL	ANEOUS: A	ny other pertinent info	you'd like to include	in this report and/or	continuation from	n questions	above
		ussed mgmt with Ellen					
		son camping on land at crosswalks; established					
		with help of Chauncy F					
	√. 2:	0					٥
		(11 1) 11	7	000	7) (
Monitor:	Signature:	la lette	Title	. Chlogran	hector	Date 5/17/	2012



	CR Program Use Only	
Issue identified:		
Follow up:		

Pollow up.									
CR Number: 237 Inspection Date: 5/17/2012 Arrival Time: 11:30 Departure Time: 3:30									
Landowner Name(s): Andrew Healy, Director of Facilities CR Address: 115 Mill Street, Belmont									
Was the landowner/landowner representative contacted prior to visit?	0*								
Method(s) of contact: Letter 🔀 Email 🔀 Phone 🔲 Voicemail 🔲 In Person 🔲 No	ne								
*If you received no response OR no attempt to contact was made, please explain:									
Any changes to landowner's contact info and/or preferred method of contact (e.g. email, cell phone, etc)? Yes* No									
*Explain:									
Did the CR landowner: Meet w/monitor Accompany monitor Connect by phone/email No Connection									
CR Monitor(s) name(s): Chris Rodstrom (TTOR), Justina Smith (TTOR)									
Others present on CR visit (include affiliation):									
CURRENT LAND USE: (check all that apply)									
☐ Residential ☐ Agricultural ☐ Forestry ☒ Public Recreation ☒ Habitat/Wetland ☐ Horses/Liveston	ock								
Other Use/Mgmt. Activity:	-Infinite								
INSPECTION ACTIVITIES:									
Method(s) of monitoring: On Foot By Car Other									
Were CR boundaries inspected?	I/A								
Are the boundaries of the CR identifiable? *PLEASE identify unclear boundaries on Route Map Yes No* ON	I/A								
*Explain: We used DeLorme GPS unit and stone walls to locate boundaries									
Did you observe any survey monuments/corners (e.g. SB/CBs, IPs, drill holes) along the CR boundaries? Yes* *PLEASE Annotate approximate location(s) AND corner type(s) on your Route Map	lo								
Were the boundaries of building/use area envelope(s) inspected?	I/A								
Are the boundaries of the building/use area envelope(s) identifiable?	I/A								
Is the landowner agreeable to posting of CR boundary signs?	I/A								
*NATURAL CHANGES OBSERVED: (since last year's monitoring visit)									
⊠ Storm Damage	Α								
*Explain: Some downed trees (presumably from winter storms), invasive species including garlic mustard, and possible erosion near construction site									

* <u>MAN-N</u>	MADE A	CTIVITIE	S/CHANGES OBSE	RVED: (since last y	ear's mo	nitori	na visit)					
Dum Dum	ping		Material Storage		Clearing				croach	maut F	٦		
New	Structu	re [New Road/Trail	_	Dredging/F	illina		butter En					
		1 .			J 5.			Acavation		ATV	s [] (Jther	□ N/A
*Explain	: Conce	rned that	storm water from	pipes in	retaining v	wall (Wa ₎	/point	t 12) will c	ause er	osion ex	tendin	g onto	CR land
If you me	et/walke	d with th	e landowner, did y	ou discu	iss new ma	n-made	activi	ties/chang	ges?	○ Yes	* @	No	O N/A
*Explain:		Ĺ											
Did you o	bserve	any chan	ges in adjacent lan	d use th	at could ca	use poss	sible i	mpacts to	the CR	? .	0	Yes*	⊚ No
*Explain:	(1)												(9)110
*ANYTHI	NG ELS	E OF INT	REST OBSERVED	. [X Flora	☐ Fau	ına	□ Cultur	ral Reso				_
*Explain:	Lady's S	lippers; g	arter snake						iai nesc			ther	□ N/A
ANY OTH	ER CR F	ELATED	QUESTIONS/COM	MENTS	and/or FII	TUDE							
Did the CF	Rlandov	vner have	any questions RE:	the tern	ns and/or la	anguage	ofth	oir CD2	USSED	<u>:</u>			
Restric	ted Act	ivities	Reserved Ri			ding/Use				Future A	⊖ Ye: Activitie		No Other
	2					77 Time			-111 2-2	THE STATE OF THE S			
*Explain:						1146.11							
Did you ob	serve a	nv activiti	es/mamt practice	s in noo	المائية								
Г			es/mgmt. practice	s iii need	of further	discussi	ion by	CR Progra	am w/ l	andown	er? C	Yes*	⊚ No
*Explain:	į								7				
		· ·		8									
DATA COL	LECTED	during i	monitoring inspec	tion:	∠ Photos	×	GPS	Track	XI G	iPS Wayı	point(s)] N/A
MISCELLAI	NEOUS:	Any othe	r pertinent info yo	u'd like t	to include i	in this re	port a	ınd/or con					
	1												
	1	M	A										
lonitor Sigr	nature:	(1)	n Com		Title:	CRP	ner	om D	red	n Da	te 5/17	7/201:	2



C	R Program Use Only	
Issue identified:		
Follow up:		

CR Number: 237.01 Inspection Date: 5/17/2012 Arrival Time: 11:30 Departure Time: 3:30	0							
Landowner Name(s): Mr. Eric and Mrs. Helga Cosman CR Address: 872 Concord Avenue, Belmont								
Was the landowner/landowner representative contacted prior to visit?	0*							
Method(s) of contact: ☐ Letter ☐ Email ☐ Phone ☐ Voicemail ☐ In Person ☐ No	ne							
*If you received <u>no response</u> OR <u>no attempt</u> to contact was made, please explain:								
Any changes to landowner's contact info and/or preferred method of contact (e.g. email, cell phone, etc)? Oyes* • No								
*Explain:								
Did the CR landowner:								
CR Monitor(s) name(s): Chris Rodstrom (TTOR), Justina Smith (TTOR)								
Others present on CR visit (include affiliation):								
CURRENT LAND USE: (check all that apply)								
□ Residential □ Agricultural □ Forestry □ Public Recreation □ Habitat/Wetland □ Horses/Liveston	ock							
Other Use/Mgmt. Activity:								
INSPECTION ACTIVITIES:								
Method(s) of monitoring: ☐ On Foot ☐ By Car ☐ Other								
Were CR boundaries inspected?	I/A							
Are the boundaries of the CR identifiable? *PLEASE identify unclear boundaries on Route Map Yes No* ON	I/A							
*Explain: We used DeLorme GPS unit and stone walls to locate boundaries								
Did you observe any survey monuments/corners (e.g. SB/CBs, IPs, drill holes) along the CR boundaries? *PLEASE Annotate approximate location(s) AND corner type(s) on your Route Map	lo							
Were the boundaries of building/use area envelope(s) inspected?	I/A							
Are the boundaries of the building/use area envelope(s) identifiable?	I/A							
Is the landowner agreeable to posting of CR boundary signs?	I/A							
*NATURAL CHANGES OBSERVED: (since last year's monitoring visit)								
Storm Damage	A							
*Explain: Some downed trees (presumably from winter storms), invasive species including garlic mustard								

*MAN-MADE ACTIVITIES/CHANGES OBSERVED: (since last year's monitoring visit)								
☐ Dumping	☐ Material Storage	☐ Clearing	☐ Abutter Encroac	hment 🔲	Stone Wall	Alteration		
New Structure	☐ New Road/Trail	☐ Dredging/Filling	Excavation	☐ ATVs	☐ Other	☐ N/A		
*Explain:								
If you met/walked with	n the landowner, did you	ı discuss new man-mad	de activities/changes?	• Yes*	○ No	O N/A		
*Explain: Talked abou	t possible planting of ev	ergreen shrubs and als	o buillding a fence ato	p the stone	wall.			
Did you observe any c	hanges in adjacent land	use that could cause p	ossible impacts to the	CR?	○ Yes*	⊚ No		
*Explain:								
*ANYTHING ELSE OF	INTEREST OBSERVED:	Flora	Fauna 🔲 Cultural R	esources	Other	⊠ N/A		
*Explain:					To a Million and Market			
ANY OTHER CR RELA	TED QUESTIONS/COMM	MENTS and/or FUTUR	E ACTIVITIES DISCUSS	SED:				
Did the CR landowner	have any questions RE: t	he terms and/or langu	age of their CR?		Yes*	○No		
Restricted Activitie	es Reserved Rig	ghts 🔲 Building,	'Use Envelope(s)	✓ Future A	ctivities	Other		
	an asked if they would b property from the road	e able to build a fence	on top of their stone w	all and plan	t evergreer	ns to		
Did you observe any a	ctivities/mgmt. practices	s in need of further disc	cussion by CR Program	w/ landowi	ner? O Ye	s* No		
*Explain:					- Harris de La Constitución de l			
DATA COLLECTED du	ring monitoring inspe	ction: Photos	⊠ GPS Track	⊠ GPS Way	ypoint(s)	□ N/A		
MISCELLANEOUS: An	y other pertinent info yo	ou'd like to include in t	nis report and/or contii	nuation fron	n questions	above		
Send response to Hel	lga on final decision rega	arding the fence and sh	ırubbery					
9								
Monitor Signature:	I Voll	Title:	A Bog new Din	echor	Date 5/17/2	2012		



(R Program Use Only	
Issue identified:	THE WHITE	
Follow up:		

CR Number: 237.02 Inspection Date: 5/17/2012 Arrival Time: 11:30	Departure Time: 3	3:30					
Landowner Name(s): Ellen O'Brien Cushman, Land Mgmt Cmt CR Address: 455 Conco	rd Avenue, Belmont						
Was the landowner/landowner representative contacted prior to visit?	Yes	○No*					
Method(s) of contact: ☐ Letter ☑ Email ☑ Phone ☐ Voicemail	☐ In Person	☐ None					
*If you received <u>no response</u> OR <u>no attempt</u> to contact was made, please explain:							
Any changes to landowner's contact info and/or preferred method of contact (e.g. email, co	ell phone, etc)? CYes*	€ No					
*Explain:							
Did the CR landowner:	one/email C No Conn	ection					
CR Monitor(s) name(s): Chris Rodstrom (TTOR), Justina Smith (TTOR)	ACCUSATE AND ACCUSATE ACCUSATE						
Others present on CR visit (include affiliation):							
CURRENT LAND USE: (check all that apply)							
☐ Residential ☐ Agricultural ☐ Forestry ☒ Public Recreation ☒ Habita	t/Wetland 🔲 Horse	s/Livestock					
Other Use/Mgmt. Activity:							
INSPECTION ACTIVITIES:							
Method(s) of monitoring: ☐ On Foot ☐ By Car ☐ Other							
Were CR boundaries inspected?		O N/A					
Are the boundaries of the CR identifiable? *PLEASE identify unclear boundaries on Route Map	○Yes	O N/A					
*Explain: We used DeLorme GPS unit and stone walls to locate boundaries							
Did you observe any survey monuments/corners (e.g. SB/CBs, IPs, drill holes) along the CR *PLEASE Annotate approximate location(s) AND corner type(s) on your Route Map	boundaries? CYes*	€ No					
Were the boundaries of building/use area envelope(s) inspected?	CYes CNo						
Are the boundaries of the building/use area envelope(s) identifiable?	OYes ONo						
Is the landowner agreeable to posting of CR boundary signs?	C Yes CNo	N/A					
*NATURAL CHANGES OBSERVED: (since last year's monitoring visit)							
⊠ Storm Damage	Other	□ N/A					
*Explain: Some downed trees (presumably from winter storms), invasive species including	garlic mustard, and erc	sion near					

"MAN-MADE ACTIVI	I IES/CHANGES OBSERV	ED: (Since last year since	mitoring visit)			
□ Dumping	☐ Material Storage	☐ Clearing	Abutter Encroace	nment 🔀	Stone Wall	Alteration
New Structure	□ New Road/Trail	☐ Dredging/Filling	☐ Excavation	☐ ATVs	Other	□ N/A
*Explain: 2 behind Da	cases of abutters dumpir y School, rock maze & te hool onto CR (presumab	e-pee at pt 1, stick hous	e and fire pit at pt 7); e	rosion fron		
If you met/walked wit	h the landowner, did you	u discuss new man-mad	e activities/changes?	⊙ Yes*	○ No	O N/A
*Explain: Ellen Cushm	nan informed us of rebuil	It stone wall and stick ho	ouse/fire pit prior to vi	sit		
Did you observe any c	hanges in adjacent land	use that could cause po	ssible impacts to the (CR?	• Yes*	ONo.
*Explain: Constructio	n of house and landscap	ing by pt 9; contractor s	aid they intended to r	e-establish	trail onto to	wn land
*ANYTHING ELSE OF	INTEREST OBSERVED:	▼ Flora F	auna 🔲 Cultural R	esources	Other	□ N/A
*Explain: Lady's Slippe	ers; garder snake					
ANY OTHER CR RELA	TED QUESTIONS/COMM	MENTS and/or FUTURE	ACTIVITIES DISCUSS	ED:		
Did the CR landowner	have any questions RE: t	the terms and/or langua	ge of their CR?		○ Yes*	No
Restricted Activitie	es Reserved Rig	ghts 🔲 Building/l	Jse Envelope(s)	Future A	ctivities	Other
*Explain:				ī		
Did you observe any a	octivities/mgmt. practices	s in need of further discu	ussion by CR Program	w/ landowr	ner?	s* (No
*Explain: suggest sign	Ellen Cushman and land ning CR boundaries at po structure and stopping p	oints where dumping pe	rsists; ask land manag	gement con		trongly
DATA COLLECTED du	uring monitoring inspe	ction: X Photos	☑ GPS Track	GPS Way	/point(s)	□ N/A
MISCELLANEOUS: Ar	ny other pertinent info yo	ou'd like to include in th	s report and/or contir	uation fron	n questions	above
¥	e	8	4,	9	willian Shoulless and	
about homeless pers Ave and pedestrian o	ussed mgmt with Ellen Cu con camping on land at d crosswalks; established tr with help of Chauncy Ha	lifferent locations; significations to new	icant amount of work parking lot with help o	to rebuild v of NEMBA; t	vall along C	oncord
Monitor Signature:	The York	Title:	Resorrant	reder	Date 5/17/	2012