Minutes of Joint Meeting

Route 20 Sewer - Citizen's Advisory and Steering Committees

Wednesday February 13, 2013

CAC Attendees: Craig Blake (Chairman), John Baranowsky (Clerk), Peter Abair, Kirsten Roopenian, Jon Danielson, Daniel Kenn, Jonathan Lapat, Peter Cramer, Steve Eppich, Andrew Sullivan and Ellen Joachim

Steering Committee Attendees: Bob Haarde (Co-Chairman), Eric Poch (Co-Chairman), Joan Carlton, Mike Coutu, Stephan Grande, Jody Kablack, Brian McNamara and Rich Robison

Chairman Craig Blake having determined quorums present called the meeting to ORDER at 7:37 PM.

Old Business

Approval of Minutes – November 14, 2012

A version incorporating edits received was discussed. A MOTION for ACCEPTENCE was made, SECONDED and VOTED unanimously IN FAVOR.

Approval of Minutes – December 12, 2012

Draft Minutes were discussed and some edits suggested. A MOTION for ACCEPTENCE was made, SECONDED and VOTED unanimously IN FAVOR.

New Business

Update of Evaluation of Sewer Alternatives (MWRA/Framingham & Marlboro) – Andrew Sullivan

<u>Framingham</u> - Andrew Sullivan has not received a response from Framingham for or against proceeding with this alternative. He does not now believe this to be a viable initiative. He reiterated how the MWRA was receptive, but cautioned that there are many hurdles and the full cost cannot yet be determined.

Kirsten Roopenian listed political and financial issues and a lack of a point of contact as obstacles.

Peter Abair mentioned that the Director of Public Works has been in this position a short time. Furthermore the lack of a centrally governed structure as a Town works against the ability of Framingham to get things done.

<u>Marlborough</u> – Andrew Sullivan updated the joint-session on the "East Marlborough" alternative indicating that he was finally able to make contact with the City DPW Director Ron LaFreniere, P.E. to setup a meeting on February 27, 2013.

Marlborough is willing to discuss a Sudbury connection and the East Marlborough wastewater treatment plant has excess capacity with no other development competing with Sudbury for this flow allocation.

Under this option, the Sudbury Water District would remain as is as the retail water supply source throughout all of those areas it now provides service too.

Therefore, for the reasons stated this alternative is far more promising to us than the Framingham alternative.

Bob Haarde added that insofar as the Wayside Inn is concerned, they have plans for upgrading their wastewater disposal system whether or not the Route 20 Sewer project passes by the property (i. e. the Marlborough alternative).

Report on Meeting with School Committee – Craig Blake/Jody Kablack

An effort is underway to get a definitive position on the project as constituted from Sudbury Public Schools. Toward this end, Jody Kablack and Craig Blake met with SPS on January 26, 2013 to inform the SPS about the proposed sewer project and address concerns about using Curtis field for treated wastewater disposal. The SPS stated that the safety of the children both during and after construction is the main concern.

SPS asked whether there were any other instances where such a facility has been used on school property for this purpose.

Details of the proposal were questioned. Would field restoration methods use sod or loam and seed and in how would this choice affect the timeline for getting the playing field back in order (i.e., a couple of months or up to one year)? Who would take the lead in seeing through on the restoration, SPS or the Department of Park and Recreation. While Park and Recreation are normally responsible for fields, the SPS has care and control responsibility of the Curtis fields. Michael Coutu mentioned that these fields are now in poor shape. The Curtis field is irrigated and a buried foundation from the old school exists under the field.

Rich Robison advised that the SPS is not ready to take a formal vote on the matter indicating the need for further public relation efforts as a precursor.

Review/Approve Annual Committee Report

A Draft of the "Route 20 Sewer Steering Committee and Citizens Advisory Committee Annual Report" for inclusion in the Annual Town report had been circulated by the Clerk. This was accepted with edits.

Review of Project Issues

The Route 20 Sewer Steering Committee (SSC) met on December 19, 2012 to discuss forward looking project guidance as goals, challenges, ideas and next steps (see Attachment I, Agenda and Meeting Minutes). These were marked up on the white-board and tabulated in the minutes. Contents of the white-board have been reproduced for clarity (Attachment II).

Guidance gleaned from the SSC December meeting was used to facilitate a "Review of Project Issues" which included the following:

- o Project Schedule
- Community Outreach
- o Impact on 40B Development
- o Project Connection with Rt. 20 Utility Burial
- Zoning Changes
- o Resolution of Technical Questions
- Others

Mr. Blake worked through the list updating the whiteboard while facilitating the conversation (see Attachment III for the final whiteboard image).

Scheduling was formulated by working back from the May 2014 milestone event "Present Article at Annual Town Meeting". A precursor would be "Bring Article to Board of Selectmen", due January 1, 2014. As today is February 13, 2013, this defines the duration to complete all dependency tasks as eleven months. However, Mr. Poch offered the view that all tasks should be complete by December 1, 2013 allowing for some slack.

The discussion turned to task enumeration and task resource assignments.

John Baranowsky suggested that the best way to get outreach on project issues is through the Environmental Notification Form (ENF) process as this is used on all similar projects throughout the Commonwealth citing specific examples (Attachment IV is the blank form). He was unable to win the argument for this approach, but settled on having the form circulated for reference and informational purposes. Craig Blake, also familiar with the process, described the major steps and benefits to this approach.

Steve Grande asked about how as a group we could effectively reach out to the public.

Kirsten Roopenian then proceeded to read into the record all of the original subcommittee tasks and resource assignments including "outreach".

Jody Kablack described in more detail the previous outreach efforts recalling that the ballot is the more challenging hurdle, not Town Meeting acceptance.

As there are new members and considerable time elapsed from when these tasks were first conceived, it was decided that Kirsten Roopenian would update and distribute via email all current tasks and resource assignments to the membership.

Mr. Blake continued to mark up the major tasks and dependencies on the whiteboard (Attachment III).

Jono Lapat asked how we can get the businesses on board. Jody Kablack replied that the big players are in a "sit and wait" mode while they look to see what happens with the sewer project and related zoning initiatives. A Planning Board developed questionnaire is going out tomorrow to 250 businesses. Jody hopes to get a 10 percent response to this survey.

The utility burial issue was mentioned with a one-million dollar per mile cost given as a budgetary planning estimate.

Prior to commencement of subcommittee work, the process for meeting, posting agenda, quorums and compliance with Open Meeting Law must be established. Kirsten Roopenian will talk to the Town Clerk and pass her findings along to Chairman Blake who will send the information out.

Joint Meetings will remain on the now established monthly schedule.

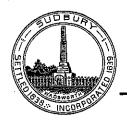
The various subcommittees should set the end of June 2013 as their task completion dates.

The outreach committee has taken on the duty of task scheduling and resourcing to meet this milestone.

Assuming the aforementioned approval at Town Meeting 2014 and the ballot, a two-year design and permitting duration followed by a two-year construction duration is expected.

Next Meeting – March 13, 2013

At 9:10 P.M. A MOTION to ADJOURN was made, SECONDED and VOTED unanimously in FAVOR of.



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Minutes for 12/19/2012

Approved prior minutes

Discussed potential end goals with respect to cost to the business community

- Where we are and what do we need to do to get this to TM successfully i.e. allow the residents to make an informed decision.
- School Committee a meeting including the new members should be held, with at least Craig and Jody attending to reset understanding and discuss safety concerns and see what questions bubble up.

For the last hour we discussed the project in a broader sense; What do we now know that will or should be the key discussion points culminating in educational presentations and in preparation for the next Town Meeting, focused largely on Goals/Benefits, Challenges and other Ideas. It was quickly suggested in summary that the Rte. 20 Wastewater Treatment project could almost be viewed as a necessary precursor to a Business District Beautification or Revitalization program.

The discussion identified the following target areas to be further explored, either by the Steering Committee, the CAC, both or other Town Committees, Boards or officials:

• Benefits –

- o protect and increase the commercial tax base
- o beautify Rte. 20
- o protect water (Hop Brook watershed and wellheads)
- o support businesses as inclusive members of community
- o create bike & pedestrian friendly economic center
- o bury utility lines for aesthetic, safety and risk avoidance (weather)
- o improve the shopping experience to grow businesses



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ROUTE 20 SEWER STEERING COMMITTEE

Date:

Wednesday December 19, 2012

Time:

7:30 PM

Location:

DPW 275 Old Lancaster Road DPW Conference Room

Agenda:

- Approve past minutes
- Update on project status to date
- Discussion on Steering Guidance for Sewer Project
 - o Goals
 - o Challenges
 - o Ideas
- Next Steps
- Adjourn



http://sudbury.ma.us/committees

- o footprint freedom/expansion potential (Lotus)
- o protect soils (reduce nitrate infiltration/saturation risk)
- o take advantage of current low interest offerings

• Challenges

- o zoning
- o marketing the project to the public
 - votes how to get them at TM
- o incentives for businesses "If we build it will they come?"
- o funding
 - prioritization versus other capital projects
 - repair and maintenance costs
- o design what will it look like?
- o state permitting
- o 40Bs how to ensure sewer district is not attractive option
- o utilities' cooperation
 - utility Burial Cost
- o private systems- how to make whole owners of new systems?
- o mitigating increased traffic
- o inconsistency of frontages

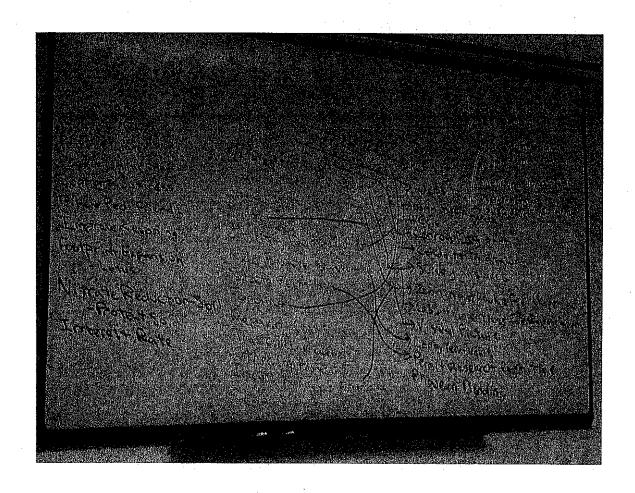
Other Ideas

- o [funding] 100% taxes vs. 75% taxes
 - Phase-in bonding
- o [40B] 10% housing production plan
- o [marketing] communication avenues
 - project website to communicate ideas
 - committee agendas
 - Town Crier and Patch
- o [utilities] conduits could be put in with WWT lines already
 - meetings
 - Rep. Conroy
 - Other legislators and elected state officials



http://sudbury.ma.us/committees

- o [incentives] survey answers
 - Government incentives for redevelopment
- o [design] zoning (PB) look & feel (Kappy's)
 - visual picture peel back, transparency slide to visualize the project overview
 - Overlay district to encourage development
 - Enforce unified building parameters for street-side look and feel
- o [private systems] emphasize long-term value
- o [state permits] permit research committee
 - codify permitting
- o capture the notion of a Rte. 20 Beautification project with a sewer thrown in.

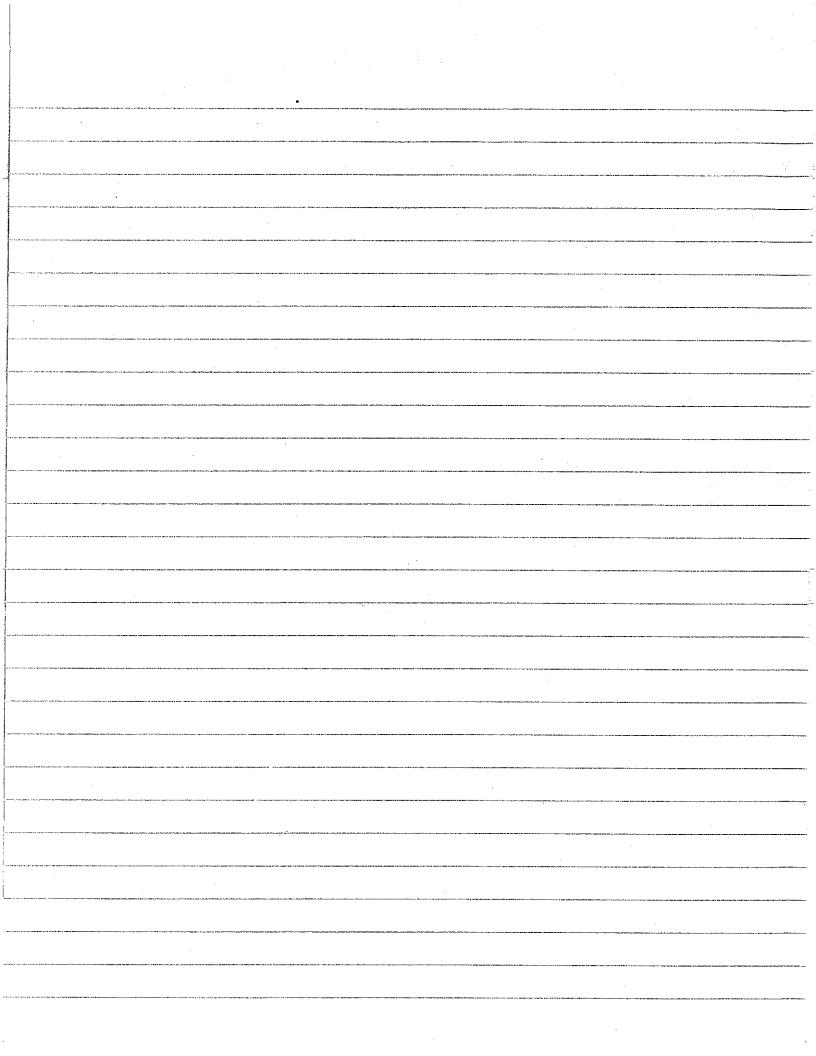


Coals, Challenges and Ideas

Route 20 Sewer Steering Committee - December 19,2012

100 Pes \$125 annual

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Geals/Benefits	Challenges	Ideas .	15 Res 101
taxbise	408	77 100% laxes	
beautisy Rt.20	Marketing }	75% taxes	/ Dus \$270 annuel.
Protect wher	votes)	10%	nookup 110,000 NBC
Project Utility lines	Utilities —	> Websile	Betternent \$ 550 Paus \$ 25% \$ 550
Support business	If yes will they	Committee Agenclus	annul
Bike and pedestrian friendly	will look like	Crier	
Improve Shopping	Zoning	Conray Mtg. + Lang	
1 1. 0	Utility Burial Cost	Conduits in any i	
Footbrint expansion -Lotus	New Privale Sycloms -	Survey answers	•
Nitrate Reduction-Soil	Stale Permils -	Zunnag > Look+ S	\
- Protect Soil	Funding -	Govt incentives	
Interest Rate	Repaying Cost	Visual Picture	•
	Trassiz Increase	Long Term Va	lue
	other Cap. Projects	Rermit research	h committee
Mark Mark Mark Andrews and Mark Mark Mark Mark Mark Mark Mark Mark	Incon brontage	Phase in bonding	-
	V	T	



AGENDA

APPROVE MINUTES

UPDATE ON MARIBORO/ MWRA ALT.

REPORT ON SCHOOL COM. MTG. ANNUAL COMMITTEE REPORT

REVIEW PROJECT ISSUES SCHEDULE OUTREACH 40B UTILITY BURIAL ZONING TECH. GUESTIANS

MACOU PARLIC 9/13

TM 1/2414

OPS + MANAGEMENT

CURTIS MORLBORO OWNERSHIP OF SYSTEM FINANCING

BONING CHOKES

ZONING

> COST AUDITON INGREDED GM. REVENUE COMMEN EARNSION

PRETECT COMM. REVENUE

ATTRACTIVE FIN. GOVT. INCENTIVES PEDESTRUM WOLK

40B TRAFFIC

COM. OUTREACH

UTILITIES MILLTY BURIEL

BENEFIE

ENVIROR BENEFITS

BUSIKSSES ON BOOKED

QUESTIONIARE REACH OUT TO POVOCETES

Commonwealth of Massachusetts

Executive Office of Energy and Environmental Affairs Massachusetts Environmental Policy Act (MEPA) Office

Environmental Notification Form

For Office Use Only				
EEA#:				
MEPA Analyst:				
The information requested on this form must be of electronically for review under the Massachusetts	•			
Project Name:				
Street Address:				
Municipality:	Watershed:			
Universal Transverse Mercator Coordinates:	Latitude: Longitude:			
Estimated commencement date:	Estimated comple			
Project Type:	Status of project d	lesign: %complete		
Proponent:				
Street Address:				
Municipality:	State:	Zip Code:		
Name of Contact Person:				
Firm/Agency:	Street Address:	T		
Municipality:	State:	Zip Code:		
Phone: Fax:		E-mail:		
Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)? Yes No If this is an Expanded Environmental Notification Form (ENF) (see 301 CMR 11.05(7)) or a Notice of Project Change (NPC), are you requesting: a Single EIR? (see 301 CMR 11.06(8)) a Special Review Procedure? (see 301 CMR 11.09) a Waiver of mandatory EIR? (see 301 CMR 11.11) Yes No a Phase I Waiver? (see 301 CMR 11.11) Yes No (Note: Greenhouse Gas Emissions analysis must be included in the Expanded ENF.)				
Which MEPA review threshold(s) does the project meet or exceed (see 301 CMR 11.03)?				
Which State Agency Permits will the project require?				
Identify any financial assistance or land transfer from an Agency of the Commonwealth, including the Agency name and the amount of funding or land area in acres:				

Summary of Project Size	Existing	Change	Total	
& Environmental Impacts				
LAND				
Total site acreage				
New acres of land altered				
Acres of impervious area				
Square feet of new bordering vegetated wetlands alteration				
Square feet of new other wetland alteration				
Acres of new non-water dependent use of tidelands or waterways				
STRUCTURES				
Gross square footage				
Number of housing units				
Maximum height (feet)				
TRANSPORTATION				
Vehicle trips per day				
Parking spaces				
WASTEWATER				
Water Use (Gallons per day)				
Water withdrawal (GPD)				
Wastewater generation/treatment (GPD)				
Length of water mains (miles)				
Length of sewer mains (miles)				
Has this project been filed with MEPA before? ☐ Yes (EEA #) ☐No				
Has any project on this site been filed with MEPA before? ☐ Yes (EEA #) ☐No				

GENERAL PROJECT INFORMATION – all proponents must fill out this section

PROJECT DESCRIPTION:

Describe the existing conditions and land uses on the project site:
Describe the proposed project and its programmatic and physical elements:
NOTE: The project description should summarize both the project's direct and indirect impacts (including construction period impacts) in terms of their magnitude, geographic extent, duration and frequency, and reversibility, as applicable. It should also discuss the infrastructure requirements of the project and the capacity of the municipal and/or regional infrastructure to sustain these requirements into the future.
Describe the on-site project alternatives (and alternative off-site locations, if applicable), considered by the proponent, including at least one feasible alternative that is allowed under current zoning, and the reasons(s) that they were not selected as the preferred alternative:
NOTE : The purpose of the alternatives analysis is to consider what effect changing the parameters and/or siting of a project, or components thereof, will have on the environment, keeping in mind that the objective of the MEPA review process is to avoid or minimize damage to the environment to the greatest extent feasible. Examples of alternative projects include alternative site locations, alternative site uses, and alternative site configurations.
Summarize the mitigation measures proposed to offset the impacts of the preferred alternative:
If the project is proposed to be constructed in phases, please describe each phase:
AREAS OF CRITICAL ENVIRONMENTAL CONCERN: Is the project within or adjacent to an Area of Critical Environmental Concern?
RARE SPECIES: Does the project site include Estimated and/or Priority Habitat of State-Listed Rare Species? (see http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/priority_habitat/priority_habitat_home.htm)
Does the project site include any structure, site or district listed in the State Register of Historic Place or the inventory of Historic and Archaeological Assets of the Commonwealth?
If yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources? Yes (Specify) No

WATER RESOURCES: Is there an Outstanding Resource Water (ORW) on or within a half-mile radius of the project site?YesNo;
if yes, identify the ORW and its location
Are there any impaired water bodies on or within a half-mile radius of the project site?YesNo; if yes, identify the water body and pollutant(s) causing the impairment:
Is the project within a medium or high stress basin, as established by the Massachusetts Water Resources Commission?YesNo
STORMWATER MANAGEMENT:
Generally describe the project's stormwater impacts and measures that the project will take to comply with the standards found in MassDEP's Stormwater Management Regulations:
MASSACHUSETTS CONTINGENCY PLAN: Has the project site been, or is it currently being, regulated under M.G.L.c.21E or the Massachusetts Contingency Plan? site (including Release Tracking Number (RTN), cleanup phase, and Response Action Outcome classification):
Is there an Activity and Use Limitation (AUL) on any portion of the project site? Yes No; if yes, describe which portion of the site and how the project will be consistent with the AUL:
Are you aware of any Reportable Conditions at the property that have not yet been assigned an RTN? Yes No; if yes, please describe:
SOLID AND HAZARDOUS WASTE:
If the project will generate solid waste during demolition or construction, describe alternatives considered for re-use, recycling, and disposal of, e.g., asphalt, brick, concrete, gypsum, metal, wood:
(NOTE: Asphalt pavement, brick, concrete and metal are banned from disposal at Massachusetts landfills and waste combustion facilities and wood is banned from disposal at Massachusetts landfills. See 310 CMR 19.017 for the complete list of banned materials.)
Will your project disturb asbestos containing materials? Yes No; if yes, please consult state asbestos requirements at http://mass.gov/MassDEP/air/asbhom01.htm
Describe anti-idling and other measures to limit emissions from construction equipment:
DESIGNATED WILD AND SCENIC RIVER:
Is this project site located wholly or partially within a defined river corridor of a federally designated Wild and Scenic River or a state designated Scenic River? Yes No; if yes, specify name of river and designation:
If yes, does the project have the potential to impact any of the "outstandingly remarkable" resources of a federally Wild and Scenic River or the stated purpose of a state designated Scenic River? Yes No; if yes, specify name of river and designation:; if yes, will the project will result in any impacts to any of the designated "outstandingly remarkable" resources of the Wild and Scenic River or the stated purposes of a Scenic River. Yes No; if yes, describe the potential impacts to one or more of the "outstandingly remarkable" resources or

stated purposes and mitigation measures proposed.

ATTACHMENTS:

- 1. List of all attachments to this document.
- 2. U.S.G.S. map (good quality color copy, 8-½ x 11 inches or larger, at a scale of 1:24,000) indicating the project location and boundaries.
- 3.. Plan, at an appropriate scale, of existing conditions on the project site and its immediate environs, showing all known structures, roadways and parking lots, railroad rights-of-way, wetlands and water bodies, wooded areas, farmland, steep slopes, public open spaces, and major utilities.
- Plan, at an appropriate scale, depicting environmental constraints on or adjacent to the project site such as Priority and/or Estimated Habitat of state-listed rare species, Areas of Critical Environmental Concern, Chapter 91 jurisdictional areas, Article 97 lands, wetland resource area delineations, water supply protection areas, and historic resources and/or districts.
- 5. Plan, at an appropriate scale, of proposed conditions upon completion of project (if construction of the project is proposed to be phased, there should be a site plan showing conditions upon the completion of each phase).
- 6. List of all agencies and persons to whom the proponent circulated the ENF, in accordance with 301 CMR 11.16(2).
- 7. List of municipal and federal permits and reviews required by the project, as applicable.

LAND SECTION – all proponents must fill out this section

	esholds / Permits	
	Does the project meet or exceed any review thresho	olds related to land (see 301 CMR 11.03(1)
/	Yes No; if yes, specify each threshold:	
	acts and Permits	
A. D	Describe, in acres, the current and proposed charac	
	Existin	<u>ng Change Total</u>
	Footprint of buildings	
	Internal roadways	
	Parking and other paved areas	
	Other altered areas	
	Undeveloped areas	
	Total: Project Site Acreage	<u> </u>
R F	Has any part of the project site been in active agricu	ultural use in the last five years?
D. 1	Yes No; if yes, how many acres of land	
	locally important agricultural soils) will be conve	
	locally important agricultural solis) will be conve	erted to honagheditaral use:
C. Is	Is any part of the project site currently or proposed	to be in active forestry use?
	Yes No; if yes, please describe curren	
	indicate whether any part of the site is the subje	
	the Department of Conservation and Recreation	
	, , , , , , , , , , , , , , , , , , ,	
D. D	Does any part of the project involve conversion of la	and held for natural resources purposes in
	accordance with Article 97 of the Amendments	
	any purpose not in accordance with Article 97?	Yes No; if yes, describe:
		•
E. Is	Is any part of the project site currently subject to a co	
	restriction, agricultural preservation restriction of	
	Yes No; if yes, does the project involve the	release or modification of such restriction?
	Yes No; if yes, describe:	
F. De	Does the project require approval of a new urban rec	
	in an existing urban redevelopment project und	er M.G.L.c.121A? Yes No; if yes,
	describe:	
G D	Does the project require approval of a new urban re	anowal plan or a major modification of an
G. D	existing urban renewal plan under M.G.L.c.121	
	existing diban renewal plan under w.G.E.C. 1211	D: Tes NO, II yes, describe.
II. Consis	sistency	
	Identify the current municipal comprehensive land	d use plan
	Title: Date	
B.	. Describe the project's consistency with that plan	with regard to:
	economic development	
	adequacy of infrastructure	
	open space impacts	
	 compatibility with adjacent land uses 	
C.	. Identify the current Regional Policy Plan of the ap	oplicable Regional Planning Agency (RPA)

	Title:	Date
D.	Describe the project's consistency with 1) economic development 2) adequacy of infrastructure 3) open space impacts	that plan with regard to:
	-,	

RARE SPECIES SECTION

I.		esholds / Permits Will the project meet or exceed any review thresholds related to rare species or habitat (see 301 CMR 11.03(2))? Yes No; if yes, specify, in quantitative terms:			
		E: If you are uncertain, it is recommended that you consult with the Natural Her ngered Species Program (NHESP) prior to submitting the ENF.)	tage and		
	B. Doe	es the project require any state permits related to rare species or habitat?	_ Yes	_ No	
	C. Doe	es the project site fall within mapped rare species habitat (Priority or Estimated current Massachusetts Natural Heritage Atlas (attach relevant page)? Ye		n the	
	D. If yo	rou answered "No" to <u>all</u> questions A, B and C, proceed to the Wetlands, Water Tidelands Section . If you answered "Yes" to <u>either</u> question A or question B remainder of the Rare Species section below.			
II.		cts and Permits Describes the project site fall within Priority or Estimated Habitat in the current Massach Heritage Atlas (attach relevant page)? Yes No. If yes, 1. Have you consulted with the Division of Fisheries and Wildlife Natural Heritage Endangered Species Program (NHESP)? Yes No; if yes, have you redetermination as to whether the project will result in the "take" of a rare system No; if yes, attach the letter of determination to this submission. 2. Will the project "take" an endangered, threatened, and/or species of species accordance with M.G.L. c.131A (see also 321 CMR 10.04)? Yes No a summary of proposed measures to minimize and mitigate rare species impacts. 3. Which rare species are known to occur within the Priority or Estimated Hall. 4. Has the site been surveyed for rare species in accordance with the Massa Endangered Species Act? Yes No	tage and ceived a pecies?	— in	
		4. If your project is within Estimated Habitat, have you filed a Notice of Intent Order of Conditions for this project? Yes No; if yes, did you send a converse of Intent to the Natural Heritage and Endangered Species Program, in with the Wetlands Protection Act regulations? Yes No	opy of the		
	B. Will	Il the project "take" an endangered, threatened, and/or species of special conce accordance with M.G.L. c.131A (see also 321 CMR 10.04)? Yes Note provide a summary of proposed measures to minimize and mitigate impacts to habitat:	; if yes,	nt	

WETLANDS, WATERWAYS, AND TIDELANDS SECTION

I.	 Thresholds / Permits A. Will the project meet or exceed any review thresholds related to wetlands, waterways, and tidelands (see 301 CMR 11.03(3))? Yes No; if yes, specify, in quantitative terms: 						
	B. Does the project require any state permits (or a local Order of Conditions) related to wetlands , waterways , or tidelands ? Yes No; if yes, specify which permit:						
	C. If you answered "No" to <u>both</u> questions A and B, proceed to the Water Supply Section . If you answered "Yes" to <u>either</u> question A or question B, fill out the remainder of the Wetlands, Waterways, and Tidelands Section below.						
II.	Wetlands Impacts and Permits A. Does the project require a new or ar Act (M.G.L. c.131A)? Yes No; if yes, list the date and MassDE been issued? Yes No; Was the project require a Variance from the project require and project require a variance from the project require a variance from the project require and project require a variance from the project require and project require and project require a variance from the project require and project require a variance from the project require and project require a variance from the project require and project require a variance from the project require and project require a variance from the project require and pro	No; if yes, has a Notice P file number:; s the Order of Condition	of Intent been filed? Yes if yes, has a local Order of Conditions s appealed? Yes No. Will				
	B. Describe any proposed permanent o the project site:	r temporary impacts to	wetland resource areas located on				
	C. Estimate the extent and type of impaindicate whether the impacts are tempor		nave on wetland resources, and				
	<u>Coastal Wetlands</u>	Area (square feet) or Length (linear feet)	Temporary or Permanent Impact?				
	Land Under the Ocean Designated Port Areas Coastal Beaches Coastal Dunes Barrier Beaches Coastal Banks Rocky Intertidal Shores Salt Marshes Land Under Salt Ponds Land Containing Shellfish Fish Runs Land Subject to Coastal Storm Flowage Inland Wetlands Bank (If) Bordering Vegetated Wetlands Isolated Vegetated Wetlands Land under Water Isolated Land Subject to Flooding Borderi ng Land Subject to Flooding Riverfront Area						
	 the construction or alteration fill or structure in a velocity a 	of a dam? Yes zone or regulatory floo					

	5. a discharge to an Outstanding Resource Water (ORW) or an Area of Critical
	Environmental Concern (ACEC)? Yes No 6. subject to a wetlands restriction order? Yes No; if yes, identify the area (in sf): 7. located in buffer zones? Yes No; if yes, how much (in sf)
	 E. Will the project: 1. be subject to a local wetlands ordinance or bylaw? Yes No 2. alter any federally-protected wetlands not regulated under state law? Yes No; if yes, what is the area (sf)?
III.	. Waterways and Tidelands Impacts and Permits A. Does the project site contain waterways or tidelands (including filled former tidelands) that are subject to the Waterways Act, M.G.L.c.91? Yes No; if yes, is there a current Chapter 91 License or Permit affecting the project site? Yes No; if yes, list the date and license or permit number and provide a copy of the historic map used to determine extent of filled tidelands:
	B. Does the project require a new or modified license or permit under M.G.L.c.91? Yes No; if yes, how many acres of the project site subject to M.G.L.c.91 will be for non-water-dependent use? Current Change Total If yes, how many square feet of solid fill or pile-supported structures (in sf)?
	C. For non-water-dependent use projects, indicate the following: Area of filled tidelands on the site: Area of filled tidelands covered by buildings: For portions of site on filled tidelands, list ground floor uses and area of each use: Does the project include new non-water-dependent uses located over flowed tidelands? Yes No Height of building on filled tidelands
	Also show the following on a site plan: Mean High Water, Mean Low Water, Water-dependent Use Zone, location of uses within buildings on tidelands, and interior and exterior areas and facilities dedicated for public use, and historic high and historic low water marks.
	D. Is the project located on landlocked tidelands? Yes No; if yes, describe the project's impact on the public's right to access, use and enjoy jurisdictional tidelands and describe measures the project will implement to avoid, minimize or mitigate any adverse impact:
	 E. Is the project located in an area where low groundwater levels have been identified by a municipality or by a state or federal agency as a threat to building foundations?Yes No; if yes, describe the project's impact on groundwater levels and describe measures the project will implement to avoid, minimize or mitigate any adverse impact:
	F. Is the project non-water-dependent and located on landlocked tidelands or waterways or tidelands subject to the Waterways Act and subject to a mandatory EIR? Yes No; (NOTE: If yes, then the project will be subject to Public Benefit Review and Determination.)
	G. Does the project include dredging? Yes No; if yes, answer the following questions: What type of dredging? Improvement Maintenance Both What is the proposed dredge volume, in cubic yards (cys)

What is the proposed dredge footprintlength (ft)width (ft)depth (ft); Will dredging impact the following resource areas?
Intertidal Yes No; if yes, sq ft
Outstanding Resource Waters Yes No; if yes, sq ft
Other resource area (i.e. shellfish beds, eel grass beds) Yes No; if yes
sq ft
If yes to any of the above, have you evaluated appropriate and practicable steps
to: 1) avoidance; 2) if avoidance is not possible, minimization; 3) if either
avoidance or minimize is not possible, mitigation?
If no to any of the above, what information or documentation was used to support this determination?
Provide a comprehensive analysis of practicable alternatives for improvement dredging in
accordance with 314 CMR 9.07(1)(b). Physical and chemical data of the
sediment shall be included in the comprehensive analysis.
Sediment Characterization
Existing gradation analysis results?YesNo: if yes, provide results.
Existing chemical results for parameters listed in 314 CMR 9.07(2)(b)6?Yes
No; if yes, provide results.
Do you have sufficient information to evaluate feasibility of the following management
options for dredged sediment? If yes, check the appropriate option.
Beach Nourishment
Unconfined Ocean Disposal
Confined Disposal:
Confined Aquatic Disposal (CAD)
Confined Disposal Facility (CDF)
Landfill Reuse in accordance with COMM-97-001
Shoreline Placement
Upland Material Reuse
In-State landfill disposal
Out-of-state landfill disposal
(NOTE: This information is required for a 401 Water Quality Certification.)
(·····································
IV. Consistency:
A. Does the project have effects on the coastal resources or uses, and/or is the project located
within the Coastal Zone? Yes No; if yes, describe these effects and the projects consistence
with the policies of the Office of Coastal Zone Management:
B. Is the project located within an area subject to a Municipal Harbor Plan? Yes No; if yes identify the Municipal Harbor Plan and describe the project's consistency with that plan:

WATER SUPPLY SECTION

I.	Thresholds / Permits A. Will the project meet or exceed any review thresholds related to water supply (see 301 CMR 11.03(4))? Yes No; if yes, specify, in quantitative terms:					01 CMR	
	B. Does the project require any state permits a specify which permit:	elated to	water suppl	y ? Yes	s No;	; if yes,	
	C. If you answered "No" to <u>both</u> questions A a answered "Yes" to <u>either</u> question A or question below.						
II.	II. Impacts and Permits A. Describe, in gallons per day (gpd), the volume and source of water use for existing and proposed activities at the project site: Existing Change Total						
	Municipal or regional water supply Withdrawal from groundwater Withdrawal from surface water Interbasin transfer						
	(NOTE: Interbasin Transfer approval will be rewater supply source is located is different from from the source will be discharged.)						
	B. If the source is a municipal or regional supplies adequate capacity in the system to accommo					that there	
	C. If the project involves a new or expanded w source, has a pumping test been conducted? sites and a summary of the alternatives considerable.	Yes _	No; if yes	, attach a n	nap of the		
	D. What is the currently permitted withdrawal a day)?Will the project require an increase much of an increase (gpd)?	e in that v	oosed water s vithdrawal? _	supply sour Yes	ce (in gal _No; if ye	llons per s, then how	
	 E. Does the project site currently contain a water supply well, a drinking water treatment facility, water main, or other water supply facility, or will the project involve construction of a new facility? YesNo. If yes, describe existing and proposed water supply facilities at the project site: 				facility?		
	Capacity of water supply well(s) (gpd) Capacity of water treatment plant (gpd)		Existing Avenue Daily Flow	g <u>Project</u>	<u>: Flow</u>	<u>Total</u>	
	F. If the project involves a new interbasin transdirection of the transfer, and is the interbasin tr				olved, wh	nat is the	
	 G. Does the project involve: 1. new water service by the Massach the Commonwealth to a municipality o 2. a Watershed Protection Act varian alteration? 3. a non-bridged stream crossing 1,00 	r water dis ce? \	strict? Y Yes No;	es No if yes, how	many ac	res of	
	water supply for purpose of forest harv	esting act	ivities?	Yes No)		

III. Consistency

Describe the project's consistency with water conservation plans or other plans to enhance water resources, quality, facilities and services:

WASTEWATER SECTION

I.	Thresholds / Permits A. Will the project meet or exceed any re 11.03(5))? Yes No; if yes, specification in the project meet or exceed any respective project.			astewater (se	e 301 CMR
	B. Does the project require any state per specify which permit:	mits related to	wastewater?	Yes	No; if yes,
	C. If you answered "No" to <u>both</u> question Generation Section . If you answered "Y of the Wastewater Section below.				
II.	Impacts and Permits A. Describe the volume (in gallons per da existing and proposed activities at the prosystems or 314 CMR 7.00 for sewer systems)	ject site (calcu	disposal of was late according	stewater gene to 310 CMR	eration for 15.00 for septic
		Existing	g <u>Chan</u>	ge <u>To</u>	<u>otal</u>
	Discharge of sanitary wastewater Discharge of industrial wastewater TOTAL				
	Discharge to groundwater Discharge to outstanding resource water Discharge to surface water Discharge to municipal or regional wastev facility TOTAL	Existing	<u>Chan</u>	ge <u>To</u>	<u>otal</u>
	B. Is the existing collection system at or rethe measures to be undertaken to accommod				then describe
	C. Is the existing wastewater disposal factives, then describe the measures to be un				
	D. Does the project site currently contain wastewater disposal facility, or will the pro No; if yes, describe as follows:	oject involve co			
	Wastewater treatment plant capacity (in gallons per day)	<u>Permitted</u>	Existing Avg Daily Flow	Project Flo	ow <u>Total</u>

E. If the project requires an interbasin transfer of wastewater, which basins are involved, what is the direction of the transfer, and is the interbasin transfer existing or new?

(NOTE: Interbasin Transfer approval may be needed if the basin and community where wastewater will be discharged is different from the basin and community where the source of water supply is

located.)			
F. Does the project involve new sewer service (MWRA) or other Agency of the Commonwealt			
G. Is there an existing facility, or is a new facili treatment, processing, combustion or disposal wastewater reuse (gray water) or other sewage the capacity (tons per day):	of sewage sludge	e, sludge ash, gr	it, screenings,
Storage Treatment Processing Combustion Disposal	Existing	Change	<u>Total</u>
H. Describe the water conservation measures wastewater mitigation, such as infiltration and it		by the project, a	and other
. Consistency			

is

III.

- A. Describe measures that the proponent will take to comply with applicable state, regional, and local plans and policies related to wastewater management:
- B. If the project requires a sewer extension permit, is that extension included in a comprehensive wastewater management plan? ____ Yes ____ No; if yes, indicate the EEA number for the plan and whether the project site is within a sewer service area recommended or approved in that plan:

TRANSPORTATION SECTION (TRAFFIC GENERATION)

I.	 Thresholds / Permit A. Will the project meet or exceed any review thresholds related to traffic generation (see 301 CMI 11.03(6))? Yes No; if yes, specify, in quantitative terms: 				F		
		Does the project re- if yes, specify which	quire any state permits h permit:	related to state	-controlled road	dways ? Yes	
	Tra	nsportation Facilit	o" to <u>both</u> questions A t ies Section . If you a raffic Generation Secti	nswered "Yes" to	to the Roadway s either question	s and Other A or question B, fill ou	ıt
II.		•	nd proposed vehicular king spaces licle trips per day	Existina		ne project site: Total	
	В.	<u>Roadw</u> 1			crving the site? Change	<u>Total</u> 	
	C.		be proposed mitigation ent will implement:	n measures on st	ate-controlled ro	padways that the	
	D.		t implement and/or pro provide access to an			n and bicycle facilities	>
	C.	management (TDN	rtation Management A //) services in the area ill the project will partio	of the project site	e? Yes	ansportation demand No; if yes, describe)
	D.		e (or occur in the imme s No; if yes, gene		water, rail, or air	transportation	
	E.	Massachusetts Ae of Proposed	enetrate approach airs ronautics Commission Construction or Alter 77.13, forms 7460-1 a	Airspace Review ation with the Fe	v Form (780 CM	R 111.7) and a Notice	!

III. Consistency

Describe measures that the proponent will take to comply with municipal, regional, state, and federal plans and policies related to traffic, transit, pedestrian and bicycle transportation facilities and services:

TRANSPORTATION SECTION (ROADWAYS AND OTHER TRANSPORTATION FACILITIES)

ı.	A. Will the project meet or exceed any review thresholds related to roadways or other transportation facilities (see 301 CMR 11.03(6))? Yes No; if yes, specify, in quantitative terms:
	B. Does the project require any state permits related to roadways or other transportation facilities? Yes No; if yes, specify which permit:
	C. If you answered "No" to <u>both</u> questions A and B, proceed to the Energy Section . If you answered "Yes" to <u>either</u> question A or question B, fill out the remainder of the Roadways Section below.
II.	Transportation Facility Impacts A. Describe existing and proposed transportation facilities in the immediate vicinity of the project site:
	B. Will the project involve any 1. Alteration of bank or terrain (in linear feet)? 2. Cutting of living public shade trees (number)? 3. Elimination of stone wall (in linear feet)?

III. Consistency -- Describe the project's consistency with other federal, state, regional, and local plans and policies related to traffic, transit, pedestrian and bicycle transportation facilities and services, including consistency with the applicable regional transportation plan and the Transportation Improvements Plan (TIP), the State Bicycle Plan, and the State Pedestrian Plan:

ENERGY SECTION

I.	Thresholds / Permits A. Will the project meet or exceed any review thresholds related to energy (see 301 CMR 11.03(7))? Yes No; if yes, specify, in quantitative terms:
	B. Does the project require any state permits related to energy ? Yes No; if yes, specify which permit:
	C. If you answered "No" to <u>both</u> questions A and B, proceed to the Air Quality Section . If you answered "Yes" to <u>either</u> question A or question B, fill out the remainder of the Energy Section below.
II.	A. Describe existing and proposed energy generation and transmission facilities at the project site: Existing Change Total
	Capacity of transmission lines (in kilovolts) B. If the project involves construction or expansion of an electric generating facility, what are: 1. the facility's current and proposed fuel source(s)? 2. the facility's current and proposed cooling source(s)?
	C. If the project involves construction of an electrical transmission line, will it be located on a new, unused, or abandoned right of way?YesNo; if yes, please describe:
	D. Describe the project's other impacts on energy facilities and services:
Ш	I. Consistency Describe the project's consistency with state, municipal, regional, and federal plans and policies for enhancing energy facilities and services:

AIR QUALITY SECTION

I.	A. Will the project meet or exceed any review 11.03(8))? Yes No; if yes, specify, in			(see 301 CMR	
	B. Does the project require any state permits which permit:	related to air qu	ality? Yes _	No; if yes, specify	
	C. If you answered "No" to <u>both</u> questions A a Section . If you answered "Yes" to <u>either</u> question Quality Section below.				
II.	 II. Impacts and Permits A. Does the project involve construction or modification of a major stationary source (see 310 CMR 7.00, Appendix A)? Yes No; if yes, describe existing and proposed emissions (in tons per day) of: 				
		Existing	<u>Change</u>	<u>Total</u>	
	Particulate matter Carbon monoxide Sulfur dioxide Volatile organic compounds Oxides of nitrogen Lead Any hazardous air pollutant Carbon dioxide				
	B. Describe the project's other impacts on air	resources and ai	r quality, includin	ng noise impacts:	

III. Consistency

- A. Describe the project's consistency with the State Implementation Plan:
- B. Describe measures that the proponent will take to comply with other federal, state, regional, and local plans and policies related to air resources and air quality:

SOLID AND HAZARDOUS WASTE SECTION

I.	Thresholds / Permits A. Will the project meet or exce 301 CMR 11.03(9))? Yes _	eed any review t No; if yes, s	hresholds relate pecify, in quantit	ed to solid or hazardous w tative terms:	aste (see
	B. Does the project require any state permits related to solid and hazardous waste ? Yes _ No; if yes, specify which permit:				
	C. If you answered "No" to both Resources Section. If you and remainder of the Solid a	swered "Yes" to	either question	A or question B, fill out the	∍ological
II.	Impacts and Permits A. Is there any current or proposition or disposal of solid of the capacity:				
	Storage Treatment, processing Combustion Disposal	Existing	Change		
	B. Is there any current or propodisposal of hazardous waste? _ of the capacity:	osed facility at th Yes No	ne project site for ; if yes, what is the	r the storage, recycling, treathe volume (in tons or gallor	atment or is per day
	Storage Recycling Treatment Disposal		<u>Change</u> 		
	C. If the project will generate so alternatives considered for re-us			emolition or construction), o	describe
	D. If the project involves demol	ition, do any bu	ildings to be den	nolished contain asbestos?	
	E. Describe the project's other	solid and hazar	dous waste impa	acts (including indirect impa	acts):
Ш	. Consistency Describe measures that the pr	oponent will tak	e to comply with	the State Solid Waste Mas	ster Plan:

HISTORICAL AND ARCHAEOLOGICAL RESOURCES SECTION

I.	Thresholds / Impacts A. Have you consulted with the Massachusetts Historical Commission? Yes No; if yes, attach correspondence. For project sites involving lands under water, have you consulted with the Massachusetts Board of Underwater Archaeological Resources? Yes No; if yes, attach correspondence
	B. Is any part of the project site a historic structure, or a structure within a historic district, in either case listed in the State Register of Historic Places or the Inventory of Historic and Archaeological Assets of the Commonwealth? Yes No; if yes, does the project involve the demolition of all or any exterior part of such historic structure? Yes No; if yes, please describe:
	C. Is any part of the project site an archaeological site listed in the State Register of Historic Places or the Inventory of Historic and Archaeological Assets of the Commonwealth? Yes No; if yes, does the project involve the destruction of all or any part of such archaeological site? Yes No; if yes, please describe:
	D. If you answered "No" to <u>all parts of both</u> questions A, B and C, proceed to the Attachments and Certifications Sections. If you answered "Yes" to <u>any part of either</u> question A or question B, fill out the remainder of the Historical and Archaeological Resources Section below.
II.	Impacts Describe and assess the project's impacts, direct and indirect, on listed or inventoried historical and archaeological resources:
Ш	. Consistency Describe measures that the proponent will take to comply with federal, state, regional, and local

plans and policies related to preserving historical and archaeological resources:

CERTIFICATIONS:

1	The Public Notice of Environmental Review has been/will be published in the follonewspapers in accordance with 301 CMR 11.15(1):			
	(Name)		(Date)	
2	. This form has been circulated to Ager	ncies and Pe	ersons in accordance with 301 CMR 11.16(2).	
Signa	tures:			
Date	Signature of Responsible Officer or Proponent	Date	Signature of person preparing NPC (if different from above)	
Name	e (print or type)	Name (p	orint or type)	
Firm/	Agency	Firm/Ag	ency	
Stree	t	Street		
Munio	cipality/State/Zip	Municipa	ality/State/Zip	
Phon	<u> </u>	Phone		