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KIM GUADAGNO
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State of New Jersey

Highlands Water Protection and Planning Council 100 North Road (Route 513) Chester, New Jersey 07930-2322 (908) 879-6737 (908) 879-4205 (fax) www.highlands.state.nj.us



JACK SCHRIER
Acting Chairman

EILEEN SWAN

Executive Director

March 9, 2010

Mr. Thomas Micai, Director Division of Land Use Regulation New Jersey Department of Environmental Protection P.O. Box 439 401 E. State Street Trenton, NJ 08625-0439

Re:

Proposed Highlands Redevelopment Area Designation West Milford Municipal Complex and Public Library Block 7903, Lots 13, 14, 15, 16 West Milford, Passaic County

Dear Mr. Micai:

On behalf of the Highlands Water Protection and Planning Council (Highlands Council), in accordance with Section 11 of the Highlands Act, the Highlands Regional Master Plan (RMP) and N.J.A.C. 7:38-6.7, please accept the enclosed Consistency Determination (CD) and Final Recommendation Report on the above-referenced proposed Highlands Redevelopment Area Designation. These documents are based upon our review of the project file as provided to us by the applicant and Highlands Council information relative to the standards and policies set forth in the RMP. The Highlands Council approved a resolution on March 4, 2010 (enclosed) authorizing the Executive Director to provide this CD and Final Recommendation Report to NJDEP on behalf of the Highlands Council.

Please note that no public comments were submitted during the public comment period (which extended from February 11 through February 26, 2010). The Highlands Council approved the West Milford Municipal Complex and Public Library's Highlands Redevelopment Area Designation with conditions as set forth in the Final Recommendation Report.

If you have any questions or comments regarding this matter, please feel free to contact me at (908) 879-6737.

Yours Sincerely,

Eileen Swan Executive Director

Enclosures:

Consistency Determination, Final Recommendation Report Highlands Council Resolution Correspondence to Applicant

c: Mayor Bettina Bieri Mark Denisiuk, Ferriero Engineering Inc. Lou Cattuna, NJDEP Division of Land Use Regulation Faraz Khan, NJDEP Division of Land Use Regulation



State of New Jersey Highlands Water Protection and Planning Council 100 North Road (Route 513) Chester, New Jersey 07930-2322 (908) 879-6737 (908) 879-4205 (fax) www.highlands.state.nj.us



HIGHLANDS RMP CONSISTENCY DETERMINATION REVIEW

	PROJECT IN	FORMATION	
Period Name Wast Milford Manisis			
Project Name: West Milford Municip		bosed Public Library –	
Highlands Redevelopment Area Desig	nation		
Date: March 3, 2010	N C1C 1		
Name of Applicant: Township of W		Water St./	
Areawide WQMP: No – This is an a		WMP: N/A	
proposed Highlands Redevelopment A			
Municipality: Township of West Mi		County:	
Exempt project? No	Project specific an		WMP review? No
NJDEP Activity #: None		HPAA#:	
Lot and Block, if applicable: Block	7903, Lots 13, 14, 15	, 16	
Sewer Service Area/WWTP Facility	: New on-site septic	system	
Proposed Change in Service Area o	r Wastewater Flow?	: Projected wastewater flow	765 gallons per day
NJPDES #: NA		Permit Discharge (MGD): NA
Type of Discharge: GW S	W \square	Total Proposed Service A	Area (acres):
Total Existing Service Area (acres):		*	
Description of Project: The subject		13, 14, 15, and 16 in Bloc	k 7903 located between Ridge
Road and Union Valley Road in the			
contains the municipal building that I			
includes the municipal ambulance squ		하다 아이들은 그렇게 하는 것이 맛있다면 하다 하는 아이들이 아이들이 아무리를 가게 했다면 하는데 하다 나를 하는데 하다.	
dwelling, and maintained lawn areas.			
property with a 25,500-square foot t			
system. Another element of the propo			
proposed disturbance is approximat			
impervious area of 70 percent. The			
Highlands Council, and will then app			
waiver permit from the NJDEP.	ny tor a riiginands i	reservation rife ripprova	(mai) with redevelopment
waiver permit from the 11/2/21.			
PRESERVATION AND P	I ANNING AREA	S AND LAND USE C	ADARII ITY ZONIES
			Al ABILITI ZONES
Project Area located in which High			2 0/
Preservation Area If yes, perc			s, percentage? %
Project Area within which Land Us			t apply):
Protection Zone Conservation Zone		ommunity Zone 🛛	
Conservation – Environmentally Constrain			ientally Constrained Sub-Zone
	fe Management Sub-Zo		f
The review below is organized by Re			
growth category; C stands for Consis			
applicable. Project specific reviews at			
and do not require the adoption of mu			
documents submitted to the NJDEP,			s, and documents related to the
State Planning Commission Plan Endo	orsement process who	ете аррисавіе.	

Date: March 3, 2010

PART 1 NATURAL RESOURCES			
SUBPART A FOREST RESOURCES			
Project Area within Forest Resource Area? Yes			
If yes to above, is there Encroachment into a Forest within Forest Resource Area? No			
Forest Integrity Value (check one): High Medium Low			
Regional Master Plan Goals, Policies, and Objectives:	<u>C</u>	Ī	N/A
Policy 1A2: To limit human development in the Forest Resource Area in the Preservation Area in order to protect and enhance forest resources, forest ecosystem integrity, Critical Habitat, and the quantity and quality of water resources.			\boxtimes
Objective 1A2c: To prohibit through local development review and Highlands Project Review the deforestation of lands within the Forest Resource Area of the Preservation Area for human development except where authorized as an exemption by the Highlands Act, or is an agricultural or horticultural development as defined at N.J.S.A. 13:20-31 and meets the requirement of that provision of the Highlands Act, or if qualifying as a major Highlands Development, the project must, at a minimum, be in conformance with the NJDEP Preservation Area Rules at N.J.A.C. 7:38-3.9.			
Objective 1A2d: To prohibit through Plan Conformance, local development review and Highlands Project Review the expansion or creation of public water supply systems or public wastewater collection and treatment systems or community-based on-site wastewater facilities into forested areas of the Forest Resource Area within the Planning Area except as provided for in Policy 2J4 with Objectives 2J4a through 2J4d, and Policy 2K3 with Objectives 2K3a through 2K3e, and within the Preservation Area except as provided for in Policy 2I1 and Objectives 2I1a and 2I1b.			
Objective 1A2e: To require through local development review and Highlands Project Review that projects qualifying as major Highlands Developments, affecting or potentially affecting forests outside the Forest Resource Area in the Preservation Area, comply with the NJDEP Preservation Area Rules at N.J.A.C. 7:38-3.9. All projects in the Preservation Area that are not major Highlands Developments shall comply with Policies 1A1 and 1A2.			\boxtimes
Policy 1A5: To prohibit through local development review and Highlands Project Review forest clear-cutting within the Forest Resource Area except in accordance with a Forest Management Plan approved by the State Forester.			\boxtimes
Policy 1B2: To limit through local development review and Highlands Project Review human development of forests to low impact residential development in the Protection Zone and the Conservation Zone in the Planning Area.			\boxtimes
Policy 1B3: To limit through local development review and Highlands Project Review deforestation in the Forest Resource Area and forested lands within High Integrity Forest Subwatersheds within the Existing Community Zone to maximum extent practicable.			\boxtimes
Objective 1B3a: Implementation through Plan Conformance of regulations, which limit the clearing of trees in conjunction with human development to circumstances where the clearing will not diminish the integrity of forest resources.			\boxtimes
Policy 1B5: To ensure that forest resources are protected on a site specific basis during local development review and Highlands Project Review.			\boxtimes
Objective 1B5a: Applications for local development review and Highlands Project Review require identification of any forest area on and adjacent to a site in accordance with the Highlands Council's Method for Identifying Upland Forest Areas in the Highlands Region.			\boxtimes
Policy 1B7: To prohibit clear-cutting of forest lands except pursuant to an approved Forest Management Plan approved by the State Forester.			\boxtimes
Policy 1C1: To require that conforming municipalities and counties address the protection of forested portions of Forest Resource Areas and High Integrity Forest Subwatersheds in their master plans and development regulations.			\boxtimes
Policy 1C3: To require that conforming municipalities adopt a tree clearing ordinance consistent with an approved community forestry plan under the New Jersey Forest Service Community Forestry Program as part of the municipal master plan and local development regulations.			\boxtimes
Comments: The Highlands Council GIS data indicates that there is an area mapped as Fo	rest wi	ithin a	Forest
Resource Area in the southern portion of the tract. The southeastern tip of the proposed an adjacent to this area (however, review of aerial photography indicates that the portion of this readjacent to the area of disturbance is actually an existing parking lot). No change is proposed to the Forest within a Forest Resource Area.	napped	forest	that is

Date: March 3, 2010

SUBPART B HIGHLANDS OPEN WATERS AND RIPARIAN AR	EAS		
Project Area includes Highlands Open Waters Buffer? Yes			
Highlands Open Waters Affected: Streams ☐ Lakes & Ponds ☐ Wetlands ☒			
Highlands Open Waters in Preservation Area: Yes			
Watershed Value (Check one): High Medium Low Low			
Area includes Riparian Area? No If No, disregard remainder of Riparian Area checklist.			
Specific Riparian Area Features (Check all that apply.): Flood Prone Areas Lakes& Po Riparian Soils Wetlands Wildlife Corridor Streams	onds [
Riparian Integrity Value (Check one per HUC14): High Medium Low HUC14:			
High Medium Low HUC14:			
Regional Master Plan Goals, Policies, and Objectives:	<u>C</u>	Ī	N/A
Policy 1D4: Highlands Open Waters shall include a protection buffer of 300 feet from the edge of the discernable bank of the Highlands Open Waters feature, or from the centerline where no discernable bank exists. With respect to wetlands and other Highlands Open Waters features (e.g., seeps, springs, etc.), the feature shall include a protection buffer of 300 feet from the delineated Letter of Interpretation (LOI) line issued by the NJDEP for wetlands, or from a field-delineated boundary for other features. In areas where existing development or land uses within the protection buffers have reduced or impaired the functional values of the buffers, the Council will seek opportunities to restore the buffer and its functions. Any proposed disturbance shall, through local development review and Highlands Project Review, comply with Highlands Open Waters buffer standards. The protection buffer width for Category 2 streams in the Planning Area may be modified through a Stream Corridor Protection/Restoration Plan, as specified in Objective 1D4i. In approved Redevelopment Areas, the Council may, at its discretion, modify the required buffer, upon a showing of no alternatives, no impact to the functional value of the buffer, and provision of alternative approaches to enhancing or protecting Highlands Open Waters and resources of the buffer area.		\boxtimes	
Objective 1D4a: Require that all applications for approval through local development review and Highlands Project Review include the identification and mapping of Highlands Open Waters.			\boxtimes
Objective 1D4b: Preservation Area buffers for Highlands Open Waters shall comply with the Highlands Preservation Area rules at N.J.A.C. 7:38, which provide that all major Highlands developments are prohibited within Highlands Open Waters and its adjacent 300 foot buffer in the Preservation Area except for linear development, which may be permitted provided that there is no feasible alternative for the linear development outside Highlands Open Waters or its buffer. Structures or other land improvements existing within Highlands Open Waters buffer in the Preservation Area on August 10, 2004 may remain, provided that the area of disturbance is not increased other than through a HPAA. For purposes of this Objective when considering land for conversion to non-agricultural land uses, historic or current agricultural land uses shall not be considered "land improvements," "development," "land disturbances," or "land uses."			
Objective 1D4c: Require that proposed development within all Highlands Open Waters buffers (Preservation and Planning Areas) conforms through local development review and Highlands Project Review with the buffer requirements of N.J.A.C. 7:8 (Stormwater Management Rules), N.J.A.C. 7:13 (Flood Hazard Area Rules), and N.J.A.C. 7:7 (Freshwater Wetland Rules), and with any applicable requirements of a Regional Stormwater Plan adopted pursuant to N.J.A.C. 7:8 (Stormwater Management Rules).		\boxtimes	
Objective 1D4d: Structures or other land improvements existing within a Highlands Open Waters buffer of the Planning Area on August 10, 2004 may remain, provided that the area of disturbance shall not be increased unless approved through local development review or Highlands Project Review in compliance with RMP policies and objectives. For purposes of this Objective when considering land for conversion to non-agricultural land uses, historic or current agricultural land uses shall not be considered "land improvements," "development," "land disturbances," or "land uses."			\boxtimes
Objective 1D4e: In the Protection and Conservation Zones of the Planning Area, proposed disturbances of Highlands Open Waters buffers shall only occur in previously disturbed areas, unless a waiver is granted by the Highlands Council under Policy 7G2. For purposes of this Objective when considering land for conversion to non-agricultural land uses, historic or current agricultural land uses shall not be considered "land improvements," "development," "land disturbances," or "land uses." Such proposed disturbances must demonstrate full utilization of the following performance standards in the listed order, to demonstrate the necessity of an encroachment into Highlands Open Waters buffers: 1) avoid the disturbance of Highlands Open Waters buffers; 2) minimize impacts to Highlands Open Waters buffers; and 3) mitigate all adverse impacts to Highlands Open Waters buffers so that there is no net loss of the functional value of the buffer, in compliance with Objective 1D4h. Minimization and mitigation opportunities shall be considered only upon a clear and convincing demonstration by the applicant that the protection buffer cannot be avoided and in no case shall the remaining buffer be reduced to less than 150 feet from the edge of Highlands Open Waters, unless a waiver is granted by the Highlands Council under Policy 7G2 and the proposed disturbance complies with Objective 1D4c.			
Objective 1D4f: In the Existing Community Zone of the Planning Area, proposed disturbances of Highlands Open Waters buffers shall only occur in previously disturbed areas, unless a waiver is granted by the Highlands Council under Policy 7G2 and the proposed disturbance complies with Objective 1D4c. For purposes of this Objective when considering land for conversion to non-agricultural land uses, historic or current agricultural land uses shall not be considered "land improvements," "development," "land disturbances," or "land uses." Such disturbances shall employ performance standards such that all proposed disturbances of		\boxtimes	

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Highlands Open Waters buffers shall employ Low Impact Development Best Management Practices to mitigate all adverse modification to Highlands Open Waters buffers so that there is no net loss of the functional value of the buffer, in compliance with Objective 1D4h.			
Objective 1D4i: Develop through Plan Conformance and implement stream corridor or subwatershed-based Stream Corridor Protection/Restoration Plans which shall include Steps 1, 2, and 3, and may include Steps 4 and 5: 1. Identify areas where existing development, land disturbances, or land uses are within Highlands Open Waters buffers have removed or substantially impaired natural vegetation communities, and have significantly reduced or impaired the functional values of Highlands Open Waters buffers. For purposes of this Objective when considering land for conversion to non-agricultural land uses, historic or current agricultural land uses shall not be considered "land improvements," "development," "land disturbances," or "land uses"; 2. Identify and require opportunities for restoration of areas identified in Step 1 as part of mitigation requirements under a Highlands Act waiver or Objectives 1D4e and 1D4f, and public or nongovernmental restoration/stabilization projects; 3. Identify the extent of stream corridor features that are critical to supporting the functions of a healthy Highlands Open Waters buffer and that extend beyond the buffers required by Objectives 1D4b and 1D4c. The 300 foot buffer in these areas may be expanded to be most protective of these features which may include, but are not limited to, Critical Habitat, pollutant source areas identified through scientific techniques, and steep slopes; 4. Where Highlands Open Waters buffers include areas identified in Step 1, regarding Category 2 surface waters in the Planning Area only, the Stream Corridor Protection/Restoration Plan may identify where, based on scientific analysis of site-specific conditions (e.g., topography, vegetation cover type, habitat, soil type, upstream land uses and pollution inputs, width of floodplain, rate and volume of run-off), a buffer of less than the full 300 feet (but including the undisturbed buffer area at a minimum) is sufficient to maintain or improve the protection of Highlands Open Waters and Riparian Areas			
Objective 1D4j: The Highlands Council may require on a case-by-case basis, through Highlands Project Review, an expansion of the 300 foot buffer to protect the habitat of a water or wetlands-dependant rare, threatened or endangered species, to the minimum expansion necessary to achieve protection of that species.			\boxtimes
Policy 1D5: Protect the integrity of the Riparian Areas through the application of RMP standards during local development review and Highlands Project Review.			\boxtimes
Objective 1D5a: Require that all applications for approval through local development review and Highlands Project Review include the identification and mapping of Highlands Riparian Areas, including those identified by the Highlands Council and by site-specific analysis.		\boxtimes	
Objective 1D5b: Limit disturbance of existing natural vegetation or increases in impervious area within High and Moderate Integrity Riparian Areas in any Land Use Capability Zone to the minimum alteration feasible in areas beyond Highlands Open Waters buffer requirements; protect the water quality of adjacent Highlands Open Waters; and maintain or restore habitat value of the Riparian Area.			
Objective 1D5c: Prohibit modifications to Riparian Areas in the Protection Zone except where a waiver is approved by the NJDEP or the Highlands Council under Policy 7G1 or 7G2.			\boxtimes
Objective 1D5d: Restrict modifications to Riparian Areas in the Existing Community Zone, other than those addressed by Objective 1D5b, that would alter or be detrimental to the water quality and habitat value of a Riparian Area.			\boxtimes
Objective 1D5e: Implement Low Impact Development Best Management Practices for any development activity proposed within a Riparian Area, which minimize both alterations of natural vegetation and increases in impervious area, in compliance with Policies 6N3 and 6N4 and provide for mitigation through restoration of impaired Riparian Areas in the same HUC14 subwatershed.			\boxtimes
Objective 1D5f: Require that development within Riparian Areas conforms through local development review and Highlands Project Review to any applicable requirements of a Regional Stormwater Plan adopted pursuant to N.J.A.C. 7:8 (Stormwater Management Rules).			\boxtimes
Objective 1D5g: Require identification and implementation of opportunities where the restoration and enhancement of previously impaired Riparian Areas are feasible and appropriate as mitigation to any allowable modification to Riparian Area requirements.			\boxtimes
Comments: The Highlands Council GIS data indicates that no Highlands Open Waters ex- western portion of the tract lies within an area mapped as Highlands Open Waters buffer for an area of the proposed public library, associated parking areas, and a new septic disposal system	off-site	wetlan	d. The

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Name of Applicant: Township of West Milford Page: 5

buffer, which is disturbed (maintained lawn). Aerial photography indicates that the off-site wetland is disturbed (used as ball fields). During the Pre-Application meeting, the Highlands Council staff noted that the applicant would be required to obtain a Letter of Interpretation/HRAD from the NJDEP regarding the off-site wetlands area which may result in the Highlands Open Water buffer being eliminated or modified, and therefore potentially consistent for this resource. Since that time, the applicant conducted a wetland delineation and determined that there is an on-site wetland and that the original proposed development would be within the identified wetland boundary. The applicant has since relocated the proposed development outside of, and down gradient from the identified wetland boundary, within its 300-ft buffer. The applicant indicated that it will be obtaining a Letter of Interpretation/HRAD from the NJDEP. As encroachment into the buffer is required, a waiver of this requirement by NJDEP would be appropriate, as the buffer is upgradient from the proposed development and based upon the existing disturbed nature of the buffer where development is proposed.

where development is pro	posed.			10 100 mg 20 00 00 00 00 00 00 a 10 10 10 10 10 10 10 10 10 10 10 10 10					
		SU	JBPART C ST	EEP SLOPES					
Project Area includes: S	teep Slopes	>20	% in Any Areas (severely constr	ained)? No)			
Steep Slopes >15% i	Forested A	Areas	(severely constr	ained)? No					
Steep Slopes >10% i	Riparian A	Area i	in Undeveloped	Lands (modera	tely constra	nined)?	No		
Regional Master Plan C	oals, Polici	ies, ar	nd Objectives:				<u>C</u>	Ī	N/A
Policy 1E6: To require through lo topographic information identify development.									
Policy 1E7: To require through involving parcels of land with slop crosion, depth to bedrock and Soil	s of 10% or grea	iter incli							
Policy 1E8: To prohibit through I Severely Constrained Slopes and Planning Areas that meets the requ	Moderately Cons	strained	Slopes, except for line						
Policy 1E9: To require through local development review and Highlands Project Review the use of Low Impact Best Development Practices for any land disturbance or human development within areas, which are Constrained or Limited Constrained Slopes, or that involves an approved disturbance of a Severely Constrained or Moderately Constrained Slope.									
Policy 1E10: To require that conforming municipalities and counties implement the steep slope protection provisions of Policies 1E2 through 1E9 through master plans and development regulations.				f Policies			\boxtimes		
Comments: Based on re	iew of the I	Iighla	nds Council GIS	data, there are no	o steep slope	es on the	tract.		
	5	SUBI	PART D CRIT	ICAL HABIT	ΑT				
Project Area includes: Critical Wildlife Habita	D Vos	Sin	nificant Natural	Area(c)2 No	Vernal F	Pool(e) =	L1 000 (GD NL	
Species of Concern:	res	Joig	imicant ivaturai	Riea(s): No	vemair	ooi(s)	1,000	I	,
Landscape Rank:									
Regional Master Plan C	oals, Polici	es, ar	nd Objectives:				<u>C</u>	Ī	N/A
Policy 1F2: To prohibit through I new human development or expan			A second			mpact of			\boxtimes
Policy 1F5: To establish a Habitat for the protection, enhancement, a				ng minimum performa	nce standards an	d criteria			\boxtimes
Policy 1F6: To require that applie subject to minimum standards and					w for Critical II	abitat be			\boxtimes
Objective 1F6a: Prohibit direct in will jeopardize the continued exists except as permitted through the iss	nce of, or result	in the l	ikelihood of the destruc						\boxtimes
Objective 1F6b: Prohibit indirect continued existence of, or result in through the issuance of a waiver up	the likelihood of	the des							\boxtimes

Name of Applicant: Township of West Milford Page: 6 Objective 1F6: Waiver applications under Policy 7G2 for local development in a municipality with a Council-approved Critical \boxtimes Habitat Conservation and Management Plan shall be subject to the minimum standards and criteria for waiver provisions as set forth in the plan, to the maximum extent practicable. Objective 1F6d: Waiver applications under Policy 7G2 for development in a municipality without a Council-approved Critical \boxtimes Habitat Conservation and Management Plan shall be subject to the Low Impact Development Best Management Practices required in Objective 1F5b. Objective 1F6e: A vernal pools protection buffer may be reduced only if an applicant can demonstrate, to the satisfaction of the \boxtimes Highlands Council in coordination with the NJDEP's Endangered and Nongame Species Program, that the reduction is the minimum feasible and that: In an undisturbed wetland, documented and field-determined vernal pool-breeding wildlife require a smaller protective buffer, as documented in scientific literature; or Existing land uses present a significant, insurmountable and permanent barrier to the migration or viability of vernal poolbreeding wildlife that is infeasible to mitigate. Requirements for demonstrating the above criteria shall be included in the Critical Habitat Conservation and Management Plan. Objective 1F6f: A Critical Wildlife Habitat area or Significant Natural Area delineation may be modified if an applicant can \boxtimes demonstrate, to the satisfaction of the Highlands Council in coordination with the NJDEP's Endangered and Nongame Species Program or Natural Heritage Program, that: The nature of the site is such that it does not provide habitat for species of concern; The species of concern are not present on the site during any critical part of their life cycle, do not depend upon the site for food, shelter or breeding, and the habitat; on the site is either unsuitable or not critical to species' recovery in the Region; or Existing land uses present a human, natural or development barrier to the use of the site by species of concern. Requirements for demonstrating the above criteria shall be included in the Critical Habitat Conservation and Management Plan. Policy 1F7: To require through local development review and Highlands Project Review that projects qualifying as major \boxtimes Highlands Developments, affecting or potentially affecting Critical Habitat in the Preservation Area, comply with the NIDEP Preservation Area Rules at N.J.A.C. 7:38-3.11 and with the minimum standards and criteria outlined in the Critical Habitat Conservation and Management Plan. All projects in the Preservation Area that are not major Highlands Developments shall comply with Policies 1F1 through 1F6. Comments: The Highlands Council GIS data indicate that there is an area mapped as Critical Wildlife Habitat in the southern portion of the tract. The southeastern tip of the proposed area of disturbance is adjacent to this area (however, review of aerial photography indicates that the portion of this mapped area that is adjacent to the area of disturbance is actually an existing parking lot). No change is proposed to the area mapped as Critical Wildlife Habitat. SUBPART E LAND PRESERVATION AND STEWARDSHIP Project Area within Conservation Priority Area? No If yes, percentage? Project Area within Special Environmental Zone? No If yes, identify properties (B/L): Project Area includes preserved land? No If yes, identify properties (B/L): Regional Master Plan Goals, Policies, and Objectives: N/APolicy 1H7: To identify and designate a Special Environmental Zone in the Preservation Area where development shall not occur \times in order to protect water resources and environmentally sensitive lands and which shall be permanently preserved through use of a variety of tools including, but not limited to, fee simple acquisition, easement acquisition, transfer of development rights programs, and development regulations. Objective 1H7b: Adopt and enforce development regulations which prohibit the development of those portions of a parcel of land \bowtie which are located within a Special Environmental Zone. Objective 1H7c: Require through Plan Conformance, local development review, Highlands Project Review, and NJDEP review \boxtimes under N.J.A.C. 7:38 that development shall not occur within a Special Environmental Zone. In any Special Environmental Zone, any exemption identified through Policy 7F1 or waiver issued under the Highlands Act under Policy 7G1 or 7G2 shall be conditioned upon a determination that the State or local government unit has exhausted all means for the permanent preservation of these lands through use of preservation tools including, but not limited to, fee simple acquisition, easement acquisition, and transfer of development rights. Policy 113: To require conforming municipalities and counties to require conservation or land stewardship easements, enforceable \boxtimes by the Highlands Council and at least one of the following: the appropriate municipality, the County Agriculture Development Board, the SADC, Green Acres, or a non-profit land trust organized pursuant to § 501 (c)(3) of the federal tax code and engaged in the protection of land for the purpose of providing long-term stewardship of important resources as a condition of development approval for lands within parcels proposed for development that are identified for preservation on a proposed site plan or subdi-Comments: The southern portion of the tract contains some areas mapped as Conservation Priority Area (Moderate). The tract does not lie within a Special Environmental Zone and it does not include preserved land.

Project Name: West Milford Municipal Complex and Public Library - Highlands Redevelopment Area Designation

Date: March 3, 2010

Date: March 3, 2010

SUBPART F CARBONATE ROCK (KARST) TOPOGRAPHY			
Project Area within or contributing to Carbonate Rock Area? No			
Regional Master Plan Goals, Policies, and Objectives:	<u>C</u>	Ī	N/A
Policy 1K2: To identify and delineate through local development review and Highlands Project Review land areas that drain surface water into the Carbonate Rock Area, as changes in the quantity, quality and rate of discharge of surface water runoff from upslope lands can impair ground water resources in the Carbonate Rock Area.			\boxtimes
Policy 1K4: To ensure through Plan Conformance that municipalities in, or within subwatersheds draining directly to, the Carbonate Rock Area protect public health and safety and the quality of ground waters from inappropriate land uses and pollutant discharges.			\boxtimes
Objective 1K4b: Applications for site plan or subdivision approval will include a multi-phased geotechnical site investigation (e.g., test borings, test pits) to locate any potential karst features and potential hazards to public health and safety, structures and ground water quality.			\boxtimes
Objective 1K4c: Local development reviews and Highlands Project Reviews and requirements shall ensure that all potential hazards to public health and safety, structures and ground water quality, including but not limited to concentrated surface water flows that dissolve carbonate rock, are fully addressed and mitigated in the construction plans and subsequent approval process, with the maximum emphasis on nonstructural measures, including, but not limited to, avoidance of modifications to the karst features.			\boxtimes
Objective 1K4d: Public works projects, including but not limited to water supply, sewerage, stormwater and transportation facilities, shall be constructed and maintained such that the potential for damage from karst features and the contamination of ground water are avoided.			\boxtimes
Objective 1K4e: Highlands Project Reviews and requirements and local development reviews (where applicable) shall prohibit new land uses and facilities that constitute unacceptable risks of discharge due to karst topography where karst features have been identified, including but not limited to: Underground storage tanks; Solid waste landfills; Hazardous waste storage and disposal; and Hazardous materials storage and handling.			
Comments: Based on review of the Highlands Council GIS data, the tract is not located in a Car	bonate	Rock	Area.
SUBPART G LAKE MANAGEMENT			
Project Area within Lake Management Area? No If No, disregard remainder of Lake Management	nt checki	ist.	
If yes, which Tier: Shoreland Protection Tier Water Quality Management Tier			
Scenic Resources Tier Lake Watershed Tier			
Project Area within Lake Community Sub-Zone? Yes - A narrow strip along the eastern bord			lies
within the Lake Community Sub-Zone. The proposed project location does not fall within this su Regional Master Plan Goals, Policies, and Objectives:	<u>C</u>	Ī	N/A
Policy 1L2: To establish tiers of lake management appropriate to management strategies that help protect lake water quality and			
community value from the impacts of present and future development.	Ш		\boxtimes
Objective 1L2a: Lake management programs shall use the following management tiers around all Highlands Region lakes of			\boxtimes
 A Shoreland Protection Tier consisting of an area measured 300 foot or the first property line perpendicular from the shoreline of the lake; 			
 A Water Quality Management Tier consisting of an area measured 1,000 foot perpendicular from the shoreline of the lake, including the shoreland protection tier; 			
 A Scenic Resources Tier consisting of an area measured 300 to 1,000 foot perpendicular from the shoreline of the lake, scaled based upon the view distance from the opposite shoreline, and determined through the size and layout of the lake, with wider portions of lakes having longer view distances; and 			
 A Lake Watershed Tier consisting of the entire land area draining to the lake, through the evaluation of drainage areas using LiDAR topographic analyses or other topographic data where LiDAR data are not available. 			
Policy 1L3: To establish unique standards (as compared to lakes within the Protection and Conservation Zones) for the Lake Community Sub-Zone within the Existing Community Zone within 1,000 feet of lakes, particularly with respect to the Shoreline Protection Tier, to prevent degradation of water quality, harm to lake ecosystems, and promote aesthetic values within the Existing Community Zone.			\boxtimes
Policy 1L4: To establish and implement management strategies to help protect lake water quality and ecosystem values from the impacts of present and future development for all lakes.			\boxtimes
Objective IL4a: Implementation of standards through Plan Conformance regarding lake ecosystem and water quality in the Shoreland Protection Tier to address direct and proximate impacts upon the lake, including but not limited to shoreline modification and development (including limits to the hardscaping of shorelines using bulkheads, rip-rap and walls), docks, piers, boathouses, dredging, vegetation removal, and increased impervious cover. Pollutant discharges shall also be addressed, including the potential for contamination from septic systems, cesspools and other wastewater management systems within the tier that are failing or are inadequately designed and constructed. As such systems fail landawners should be required to provide ungraded			

treatment (whether on-site or through public or community systems) to minimize pollutant movement to the lake. Standards for the Lake Community Sub-Zone and for the Protection and Conservation Zones may be distinct to the extent necessary to recognize the existence of significant development within the Lake Community Sub-Zone. Objective 1L4b: Implementation of standards through Plan Conformance regarding land use compatibility and water quality in the \boxtimes Water Quality Management Tier, to prevent or minimize continuous pollutant sources that can contribute pollutants overland or through ground water to the lake from greater distances than the Shoreland Protection Tier. Objective 1L4c: Implementation of standards through Plan Conformance regarding the protection of visual and scenic resources \times in the Scenic Resources Tier, including but not limited to requirements for vegetative screening of buildings, building height limitations, and limits on tree and understory removal for reasons other than public health and safety or as the minimum necessary to make reasonable use of the designated building envelope for the parcel proposed for development. Standards for the Lake Community Sub-Zone and for the Protection and Conservation Zones may be distinct to the extent necessary to recognize the existence of significant development within the Lake Community Sub-Zone. Policy 1L5: To require that conforming municipalities adopt and implement for all lakes the standards applicable to the Shoreland \boxtimes Protection and Water Quality Management Tiers; the standards applicable to the scenic resources tier shall be adopted and implemented for all public lakes (i.e., with shorelines that are not entirely privately-held and managed through a lake association), and for privately-held lakes to the extent feasible under law, recognizing the existence of previously approved lake community development plans. Objective 1L5a: Shoreland Protection and Water Quality Management Tier requirements shall apply to all new development, \boxtimes regardless of lake ownership. Objective 1L5b: Scenic Resource Tier requirements shall apply to all lakes with public access and to lakes with no public access \boxtimes that are not entirely managed by a single homeowner or lake community association. For lakes that are privately-held and managed by a single homeowner or lake community association, the scenic resource tier requirements shall be voluntary Policy 1L6: To require that conforming municipalities develop and adopt lake restoration plans, with sufficient input from lake X community residents and landowners, for each of the municipality's developed lakes that has been identified as water quality impaired, to include watershed delineation, description of point and nonpoint sources of pollution in the watershed, lake monitoring schedules, existing and proposed in-lake management techniques, and recommended watershed best management practices. TMDLs adopted by the NJDEP to address known pollution problems may be used as lake restoration plans. For lakes that are privately-held and managed by a single homeowners or lake community association, the municipality may require that the association share in or assume the costs of developing such plans. Policy 1M4: To establish and implement performance and development standards through local development review and \boxtimes Highlands Project Review for shoreline uses which achieve compatibility among shoreline activities and nearby neighborhoods. Comments: The site is not within a Lake Management Area. A narrow strip along the eastern border of the tract lies within the Lake Community Sub-Zone. The proposed project location does not fall within this sub-zone. PART 2 WATER RESOURCES AND WATER UTILITIES SUBPART A WATER RESOURCES AVAILABILITY Conditional Availability Net Availability (MGD): **HUC14 Constraint -HUC14 Constraint -**Source HUC14(s): Current Deficit Area HUC 02030103070020 -0.113073 MGD **Existing Constrained Area** (MGD): Belcher Creek (Pinecliff Lake (Y/N): (Y/N): 0.012982 and below) N/A Regional Master Plan Goals, Policies, and Objectives: \mathbf{c} Policy 2B4: To strictly limit consumptive and depletive water uses to the water availability in each HUC14 subwatershed and to \boxtimes establish priorities for water uses that implement the policies and objectives of the RMP. Objective 2B4a: Give highest priority for the use of non-agricultural Net Water Availability or Conditional Water Availability \boxtimes within Protection Zone and Conservation Zone subwatersheds, through a Water Use and Conservation Plan developed under Objective 2B8c, local development review, and Highlands Project review: 1. To address a documented existing or imminent threat to public health and safety from contaminated domestic and other on-site water supplies that is of sufficient scale to justify a public water supply and where no alternative is feasible that would sufficiently assure long-term protection of public health and safety. Such needs shall have highest priority for Net Water Availability; 2. To serve a designated Highlands Redevelopment Area; 3. To serve a cluster development that complies with Objective 2J4b; and 4. To serve affordable housing projects where at least 10% of the units are affordable. Objective 2B4b: The highest priority for use of Net Water Availability or Conditional Water Availability within Existing X Community Zone subwatersheds, through a Water Use and Conservation Plan developed under Objective 2B8c, local development review and Highlands Project review to serve documented threats to public health and safety from contaminated water supplies, designated TDR Receiving Zones, infill development, designated Highlands Redevelopment Area, affordable housing projects where at least 10% of the units are affordable, or new areas for development that meet all other requirements of the RMP. Objective 2B4c: Establish and implement mandatory stormwater reuse for recreational and other non-agricultural irrigation, as \boxtimes well as other non-potable water purposes to minimize both the volume of stormwater discharges and water withdrawals for these

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purposes.

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Objective 2B4d: The highest priority for agricultural water uses in the Conservation Zone shall be those Preservation Area uses that promote agricultural and horticultural uses and opportunities that are compatible with protection of the Highlands environment, and those Planning Area uses that promote the continuation and expansion of agricultural, horticultural, recreational, and cultural uses and opportunities. Compatible agricultural and horticultural uses shall minimize consumptive water uses through efficiency measures.		
Policy 2B5: To require, through Plan Conformance (including through a Water Use and Conservation Plan developed under Objective 2B8c), local development review, and Highlands Project Review, the use of water conservation, recycling and reuse methods (where appropriate) and devices for any redevelopment or development activity, including renovations to existing residential, institutional, commercial or industrial buildings, to minimize consumptive water use tailored to meet the resource protection and other goals for each Zone and considering subwatershed-specific conditions and Net Water Availability status.		\boxtimes
Policy 2B6: To require through Plan Conformance (including through a Water Use and Conservation Plan developed under Objective 2B8c), local development review, Highlands Project Review, and interagency coordination that proposed public water supply and wastewater service areas, new or increased water allocations and bulk water purchases will not directly or indirectly cause or contribute to a Net Water Availability deficit, and where feasible will help mitigate any existing deficit.		
Objective 2B6a: Areawide Water Quality Management Plans, Wastewater Management Plans or their amendments shall ensure that the proposed service area will not directly or indirectly cause or contribute to a Net Water Availability deficit, and shall be in conformance with any Water Use and Conservation Plan developed under Objective 2B8c.		\boxtimes
Objective 2B6b: NJDEP Water Allocation decisions and Highlands Project Reviews shall ensure that any new or increased water allocation permits within the Highlands Region are in conformance with the policies and objectives of the RMP and do not result in significant reductions in safe yields for any water supply facility with an existing water allocation permit and the NJDEP-approved safe yield.		
Policy 2B7: To ensure through Plan Conformance (including through a Water Use and Conservation Plan developed under Objective 2B8c), local development review, and Highlands Project Review that the use of Net Water Availability and Conditional Water Availability within each subwatershed supports development patterns that are in conformance with RMP policies and objectives.		\boxtimes
Policy 2B8: To require through Plan Conformance, local development review, and Highlands Project Review the efficient and effective use of water availability, the planning for future water needs, the reduction and elimination of water deficits, and the mitigation of new consumptive or depletive use in any Current Deficit Areas or subwatersheds that could become deficit areas based on projected development and water uses, to ensure sustainable water supply, water resource and ecological values in conformance with RMP policies and objectives.		
Objective 2B8a: Prevent net increases in consumptive or depletive water uses in Current Water Deficit Areas to prevent exacerbation of and help reduce or eliminate the deficit to ensure sustainable water supply, water resource and ecological values, emphasizing techniques including, but not limited to water reuse, recycling and conservation.		
Objective 2B8b: Proposed new consumptive or depletive water uses within a Current Deficit Area shall only occur under the auspices of a Water Use and Conservation Management Plan approved under Objective 2B8c or through mitigation of the proposed consumptive or depletive use within the same HUC14 subwatershed through: a permanent reduction of existing consumptive and depletive water uses; ground water recharge in excess of the requirements of N.J.A.C. 7:8 (Stormwater Management Rules); or other permanent means. Where a Water Use and Conservation Management Plan has not been approved: 1. Each project shall achieve mitigation ranging from 125% to 200%, based on the severity of the Current Deficit and the amount of consumptive or depletive water use proposed; 2. Total consumptive and depletive water uses from any single project and all projects combined are not to exceed the Conditional Water Availability of Objectives 2B3a or 2B3b for any HUC14 subwatershed; 3. Mitigation shall be successfully completed prior to initiation of the water use, except as required by #4, below. Mitigation may be phased in keeping with project development; 4. For water uses where the combination of proposed consumptive and depletive water uses and current subwatershed deficit is high, according to a schedule established by the Highlands Council, off-site mitigation shall be successfully completed prior to any on-site construction. On-site mitigation shall be successfully completed prior to initiation of the water use but may be implemented concurrent with on-site construction. Mitigation may be phased in keeping with the level of consumptive or depletive water uses; and Mitigation plans for a project shall include: specific objectives for each mitigation component; monitoring and reporting requirements; methods by which shortfalls in meeting the mitigation objectives shall be addressed through additional action; and be guaranteed through performance bonds.		
Objective 2B8c: Water Use and Conservation Management Plans shall be required through municipal Plan Conformance for all subwatersheds to meet the policies and objectives of Goal 2B, to ensure efficient use of water through water conservation and Low Impact Development Best Management Practices, and to avoid the creation of new deficits in Net Water Availability. Where developed for Current Deficit Areas, the plans shall include provisions to reduce or manage consumptive and depletive uses of ground and surface waters as necessary to reduce or eliminate deficits in Net Water Availability, or to ensure continued stream flows to downstream Current Deficit Areas from Existing Constrained Areas, to the maximum extent practicable within each HUC14 subwatershed. Water Use and Conservation Management Plans shall demonstrate through a detailed implementation plan and schedule how and when the current deficit will be resolved in a subwatershed prior to approval for new water uses in the subwatersheds with the most severe deficits (i.e., in excess of 0.25 million gallons per day), and the plan shall be implemented prior to initiation of new water uses.		
Objective 2B8d: All water users within a Current Deficit Area shall seek funding and opportunities to meet the intent of Objective 2B4b.		\boxtimes
Objective 2B8e: Allow water resource transfers between or from Highlands subwatersheds only when there is no other viable alternative and where such transfers would demonstrably not result in impairment of resources in any subwatershed. Potential		\boxtimes

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effects on upstream and downstream subwatersheds should be included in any such evaluation.			
Comments: The applicant proposes using an on-site well for water supply and discharging treat	ited was	stewate	er back
to ground water. Because the on-site well is located within a Current Deficit Area, the propose			
consistent with Objective 2B8b. Consistency would require that the applicant provide mitigation			
proposed consumptive water uses benefiting the subwatershed, which could be achieved through			
retrofit of existing buildings. This quantity (approximately 275 gpd, or 0.1 million gallons per y			
requirements of N.J.A.C. 7:8. With respect to stormwater management, the applicant note	and the second second		
stormwater design has not been prepared, the project will be designed to comply with N.			
stormwater ordinances. Management of stormwater shall be addressed through the HPAA with re			
permit process, to be consistent with Policy 2G5.			
SUBPART B PROTECTION OF WATER RESOURCES QUANT	ITY		
Project Area includes Prime Ground Water Recharge Area? Yes			
Regional Master Plan Goals, Policies, and Objectives:	<u>C</u>	Ī	N/A
Policy 2D3: To protect, enhance, and restore the quantity and quality of Prime Ground Water Recharge Areas.			\boxtimes
Objective 2D3e: Implement master plans and development review ordinances through Plan Conformance that protect Prime Ground Water Recharge Areas and minimize the potential for disruption of recharge in such areas by development.			\boxtimes
Objective 2D3g: Require through Plan Conformance and local health ordinances, that existing land uses that have a significant			\boxtimes
potential to result in major discharges of pollutants to ground water or to the land surface (including but not limited to non-sanitary wastewater effluent and any major sources of potential discharges such as spills and leaks), such that they may degrade ground water		V	
quality within a Prime Ground Water Recharge Area, shall incorporate ongoing management of toxic chemical sources and			
prohibition of unregulated discharges, so that the potential for ground water contamination is minimized and the opportunity for			
discharge discovery and control is maximized.			-5-7
Policy 2D4: To apply standards through Plan Conformance, local development review and Highlands Project Review to protect, restore and enhance the functionality and the water resource value of Prime Ground Water Recharge Areas by restricting			\boxtimes
development and uses of land within a Prime Ground Water Recharge Area that reduce natural ground water recharge volumes or			
may directly or indirectly contribute to or result in water quality degradation.			
Objective 2D4a: Development shall not occur in Prime Ground Water Recharge Areas unless necessary to avoid Critical Habitat, Highlands Open Waters Buffers and Moderately and Severely Constrained Steep Slopes.			\boxtimes
Objective 2D4b: Any development activity approved to occur in a Prime Ground Water Recharge Area shall provide an equivalent of 125% of pre-construction recharge volumes for the affected Prime Ground Water Recharge Area of the site within the following			\boxtimes
areas, in order of priority: (1) the same development site where feasible; (2) the same HUC14 subwatershed, or (3) an interrelated			
HUC14 subwatershed as approved by the Highlands Council where no feasible option exists in the same HUC14 subwatershed.			
This requirement shall apply to all portions of the Prime Ground Water Recharge Area where the recharge is disrupted through			1
impervious surfaces, routing of stormwater runoff and recharge from natural flow paths, and other similar changes. Objective 2D4c: Require through Plan Conformance, local development review and Highlands Project Review that the disruption		\neg	
of Prime Ground Water Recharge Area shall be minimized through the implementation of Low Impact Development Best Management Practices meeting the requirements of Objective 2D3a.			
Objective 2D4d: Require through Plan Conformance, local development review and Highlands Project Review that the disruption			\boxtimes
of Prime Ground Water Recharge Area, after conformance with Objectives 2D4a, 2D4b and 2D4c is achieved, shall be limited to no greater than 15% of the Prime Ground Water Recharge Area on the site and shall be preferentially be sited on that portion of			
the Prime Ground Water Recharge Area that has the lowest ground water recharge rates and the lowest potential for aquifer			
recharge.			
Objective 2D4e: Prohibit through Plan Conformance, local development review and Highlands Project Review the expansion or			\boxtimes
creation of public water supply systems or public wastewater collection and treatment systems or community-based on-site	20 <u>=0</u> 3.		12.000
wastewater facilities into a Prime Ground Water Recharge Area within the Protection or Conservation Zone within the Planning Area except as provided for in Policy 2J4 with Objectives 2J4a through 2J4d, and Policy 2K3 with Objectives 2K3a through 2K3e,			
and within the Preservation Area except as provided for in Policy 211 and Objectives 211a and 211b.			
Objective 2D4f: Prohibit through Plan Conformance, local development review and Highlands Project Review new land uses,			\boxtimes
including those identified through Objective 2D3d, that have a significant potential to result in the discharge of persistent organic		£	_
chemicals sources (including but not limited to existing discharges of industrial or other non-sanitary wastewater effluent) to ground water or to the land surface within a Prime Ground Water Recharge Area, such that they may degrade or contribute to the			
degradation of ground water quality.			
Objective 2D4g: Require conformance with applicable components of regional stormwater management plans, where applicable,			\boxtimes
as a mandatory requirement for any site plan application.			
Objective 2D4h: Achieve a net improvement in ground water recharge volume and maintenance of water quality as required through compliance with and implementation of any related provisions of an adopted regional stormwater plan.			\boxtimes
Objective 2D4i: Achieve a net improvement in ground water volume and maintenance of water quality through redevelopment,			\square

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enhanced infiltration, pretreatment or other means where feasible.			
Comments: Review of the Highlands GIS data indicates that while the tract does include I	rime C	Fround	Water
Recharge Areas, these areas are not located within the proposed area of disturbance. The applica	nt will b	oe disc	harging
treated wastewater back to ground water with minimal consumptive uses, which is a recharge b	enefit, l	out inv	olves a
consumptive water use.			
SUBPART C WATER QUALITY			
Project Area within Wellhead Protection Area? Yes			
If yes to above, check all that apply: Tier 1 \omega Tier 2 \omega Tier 3 \omega			
Name of Nearest Waterway(s) (1,000 feet of Project Area): None within 1,000 feet. Belcher (Creek n	earest.	
SWQS Classification: FW2-NT			
Description of Impairments, or TMDL: Sublist 5 for Aquatic Life general, 5 aquatic life trout,	and do	es not	attain
the parameter for temperature (no TMDL).			
Regional Master Plan Goals, Policies, and Objectives:	<u>C</u>	Ī	N/A
Policy 2G2: To reduce or avoid water quality impacts using requirements for water quality protection measures for new land uses through local development review and Highlands Project Review.			\boxtimes
Policy 2G3: To adopt and implement water quality protections through Plan Conformance, local development review and Highlands Project Review.			\boxtimes
Objective 2G3a: Prohibit land uses that would increase pollutant loadings to waters for which TMDLs have been adopted by the NJDEP unless in compliance with the relevant TMDL.			\boxtimes
Objective 2G3b: Ensure that new land uses draining to a stream designated as impaired but lacking a TMDL (i.e., Sublist 5) avoid increased pollutant loadings for the parameter or parameters for which a TMDL is required.			\boxtimes
Objective 2G3c: Water Quality Management Plans, Wastewater Management Plans or amendments shall demonstrate that the proposed service area will not directly or indirectly support development that would be in violation of an adopted TMDL.			\boxtimes
Policy 2G5: To adopt and implement stormwater management controls through Plan Conformance, local development review and Highlands Project Review.	\boxtimes		
Objective 2G5a: Require recharge of clean stormwater rather than contaminated stormwater wherever feasible to meet stormwater management requirements, and to pretreat contaminated stormwater wherever its recharge is required.	\boxtimes		
Objective 2G5b: Require Low Impact Development and other Best Management Practices standards for stormwater management to minimize the discharge of stormwater-entrained pollutants to ground and surface waters.			\boxtimes
Objective 2G5c: Implement agricultural best management practices for water conservation, water reuse, nutrient and pesticide application, animal waste management, environmental restoration, pollution assessment and prevention, and irrigation efficiency in farm operations for the protection of ground and surface water quality.			\boxtimes
Objective 2G6c: Require conforming municipal and county master plans and development regulations to incorporate relevant TMDLs, additional water quality protection measures and wellhead protection for public water supply wells and nitrate standards as development standards.			\boxtimes
Policy 2H2: To develop and implement, through Plan Conformance, local development review and Highlands Project Review, resource protection measures to protect and enhance ground water and water supply resources within Wellhead Protection Areas consistent with the source water assessments for each water supply source.			\boxtimes
Objective 2H2a: Prohibit land uses that have a significant potential to result in the discharge of pathogens (including, but not limited to, septic systems and engineered stormwater infiltration from surfaces with significant potential for contact with pathogenic contaminants) to ground water or to the land surface within a designated Tier 1 Wellhead Protection Area, such that they may degrade or contribute to the degradation of ground water quality. Require that the construction of sewer lines within Tier 1 of a Well Head Protection Area prevent seepage of untreated sewage into ground water.			\boxtimes
Objective 2H2b: Prohibit land uses that have a significant potential to result in the discharge of persistent organic or toxic chemicals sources (including but not limited to existing discharges of industrial or other non-sanitary wastewater effluent) to ground water or to the land surface within a designated Tier 2 Wellhead Protection Area, such that they may degrade or contribute to the degradation of ground water quality.			\boxtimes
Objective 2H2c: Require that land uses that have a significant potential to result in major discharges of persistent organic or toxic pollutants to ground water or to the land surface (including but not limited to non-sanitary wastewater effluent and any major sources of potential discharges such as spills and leaks), such that they may degrade ground water quality within a designated Tier 3 Wellhead Protection Area, shall incorporate ongoing management of toxic chemical sources and prohibition of unregulated discharges, so that the potential for ground water contamination is minimized and the opportunity for discharge discovery and control is maximized.			\boxtimes
Objective 2H4a: Require site specific and municipal stormwater management plans to address wellhead protection requirements.	\boxtimes		
Policy 2H5: To require that conforming municipalities revise master plans and development regulations to address wellhead protection requirements.			\boxtimes

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Objective 2H5b: Restrict development activities that pose threats to the water quality of public water supply wells.			\boxtimes
Objective 2H5c: Ensure that development activities and existing land use activities implement best management practices to protect the quality of ground water within Wellhead Protection Areas.	, 🗆		\boxtimes
Objective 2H5d: Amend Areawide Water Quality Management Plans or Wastewater Management Plans for conforming municipalities and counties to ensure that any activity associated with the proposed service area will not adversely affect a Wellhead Protection Area.			\boxtimes
Comments: According to the original site plan, the applicant proposed to construct a biorete the proposed project. The applicant states that it is unclear at this time (prior to developm management design) if the basin will be utilized for recharge or not. The applicant's comanagement is that clean roof runoff will be recharged via drywells and any additional recharge NJDEP stormwater management standards at N.J.A.C. 7:8 will most likely be recharged the basin. Review of the Highlands GIS data indicates that the location of this basin is with Protection Area (WHPA). However, the applicant has subsequently reviewed site-specific provided mapping to the Highlands Council staff that indicates that the well is not at the location Highlands GIS data (well location information derived from NJDEP data), which modified WHPA. It has been determined that the proposed recharge basin does not encroach into the T	ent of to ncept if e require ough the in a Ti survey eation in es the 1	he store or store ed to me he biore er 1 We data andicated ocation	mwater mwater neet the etention 'ellhead and has by the
The tract does not affect Wellhead Protection Areas for public community water supply wells. an existing public non-community well that supports the municipal complex. It appears that the septic field does not occur in a Tier 1 Wellhead Protection Area for that non-community within Tier 2), which is consistent with Objective 2H2a. The proposed project is discharging to ground water. The existing septic system is within Tier 1, which is consistent unless expande for which there are no current plans. With respect to stormwater management, the applicant stormwater design has not been prepared, the project will be designed to comply with a stormwater ordinances. Management of stormwater shall be addressed through the HPAA with permit process, to be consistent with Policy 2G5.	te site of vater sure ted we do for action to the N.J.A.C.	f the pr pply we rastewat Iditiona at while 7:8 an	oposed ell (it is er back l flows, e a final d local
SUBPART D SUSTAINABLE DEVELOPMENT AND WATER RES	OURC	ES	
WATER UTILITY			
Potable Water Supply? Yes Domestic? Yes			
Source Water HUC(s): HUC 02030103070020 Belcher Creek (Pinecliff Lake and below)			
Public Community Water System? No If PCWS, Name of Facility:			
PCWS ID No: Total Projected Water Demand of Project (N	1GD):	765 GI	D
Regional Master Plan Goals, Policies, and Objectives:	<u>C</u>	Ī	N/A
Policy 211: To prohibit the expansion or creation of public water supply systems, public wastewater collection and treatmen systems and community on-site treatment facilities in the Preservation Area unless approved through a Highlands Applicability Determination (HAD) or a HPAA with waiver pursuant to N.J.A.C. 7:38 and Policy 7G1.			\boxtimes
Objective 211b: The expansion or creation of public water supply systems, public wastewater collection and treatment systems and community on-site treatment facilities in the Preservation Area as approved through a HPAA with waiver pursuant to N.J.A.C. 7:31 and Policy 7G1 shall maximize the protection of sensitive environmental resources including avoidance of Highlands Open Water buffer areas, Riparian Areas, the forested portion of the Forest Resource Area, agricultural lands of Agricultural Resource Areas Steep Slopes, Prime Ground Water Recharge Areas, and Critical Habitat.			
Policy 2J2: To ensure, through Plan Conformance and Highlands Project Review, that Highlands Public Community Water Systems conform with Policy 2B6.			\boxtimes
Objective 2J2a: Limit future water system demand and reduce existing demand where feasible by water systems that are dependen on Current Deficit Areas or Existing Constrained Areas as a source of water.			
Objective 2J2b: Limit future water system demands to levels that will not create a Current Deficit Area where one does no currently exist.			\boxtimes
Policy 2J3: To identify, through Plan Conformance, the RMP Water Resources Science Agenda and other means, areas of the Highlands Region with existing or imminent threats to public health and safety from contaminated domestic and other on-site water supplies that are of sufficient scale to potentially justify the extension or creation of a public water supply.			\boxtimes
Policy 2J4: To minimize, through Plan Conformance, local development review and Highlands Project Review, the creation of extension of public water supply systems within the Protection Zone, the Conservation Zone and the Environmentally-Constrained Sub-zones of the Planning Area, and to allow for the creation or extension of public water supply systems where appropriate within	-		\boxtimes

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the Existing Community Zone.		
Objective 2J4a: Prohibit new, expanded or extended public water systems within the Protection Zone, the Conservation Zone and the Environmentally-Constrained Sub-zones of the Planning Area unless they are shown to be necessary for and are approved by the Highlands Council for one or more of the purposes listed below. For approvals regarding parts 1, 2, and 3, the project must maximize the protection of sensitive environmental resources such as Highlands Open Waters buffer areas, Riparian Areas, the forested portion of the Forest Resource Area, agricultural lands of Agricultural Resource Areas, Steep Slopes, Prime Ground Water Recharge Areas and Critical Habitat. For approvals regarding part 3, the project must avoid disturbance of Highlands Open Waters buffer areas, Riparian Areas, Steep Slopes and Critical Habitat, and must minimize disturbance of the forested portion of the Forest Resource Area, agricultural lands of Agricultural Resource Areas, and Prime Ground Water Recharge Areas. The extension or creation of systems shall follow the requirements in Objective 2J4b (parts 2 and 3). The applicable purposes are: 1. To address through a waiver under Policy 7G1 or 7G2 a documented existing or imminent threat to public health and safety from contaminated domestic and other on-site water supplies that is of sufficient scale to justify a public water supply and where no alternative is feasible that would sufficiently assure long-term protection of public health and safety. Such needs shall have highest priority for allocation of existing system capacity; 2. To address development permitted through a Highlands Redevelopment Area or takings waiver under Policy 7G1 or 7G2; or 3. To serve a cluster development that meets all requirements of Objective 2J4b.		
Objective 2J4b: Clustered development served by public water supply within the Protection Zone, the Conservation Zone, and the Environmentally-Constrained Sub-zones of the Planning Area shall be approved only if the following conditions are met: 1. The development impacts are otherwise consistent with the requirements of the RMP, including provisions for mandatory clustering in Agricultural Resource Areas pursuant to Policy 3A5; 2. Extension of an existing public water system will occur only where the cluster development is within or immediately adjacent to an Existing Area Served with available capacity; 3. Creation of a new public water system will occur only where such development is not within or immediately adjacent to an Existing Area Served with available capacity; 4. The clustered development preserves at least 80% of the cluster project area in perpetuity for environmental protection or agricultural purposes. To the maximum extent feasible the developed portion (i.e., not including wetlands, Highlands Open Waters buffers, and recreational lands) occupies no more than 10% of the cluster project area if served by a public or community on-site wastewater system; and 5. Where the preserved land in the cluster project area is dedicated to agricultural purposes, the cluster development ordinance and an Agriculture Retention/Farmland Preservation Plan supports continued agricultural viability of the agricultural land and requires the implementation of best management practices, including development and implementation of a Farm Conservation Plan that addresses the protection of water and soil resources prepared by the USDA Natural Resources Conservation Service (NRCS), Technical Service Provider (TSP), appropriate agent or NJDA staff, and approved by the local Soil Gonservation District (SCD).		
Objective 2J4c: Allow the expansion or creation of public water systems within the Existing Community Zone of the Planning Area, other than the Environmentally-Constrained Sub-zone, to serve lands which are appropriate for designated TDR Receiving Zones, infill or redevelopment, to meet needs and protection requirements equivalent to Objective 2J4a within the Existing Community Zone, or to serve new areas for development that meet all other requirements of the RMP. TDR Receiving Zones, affordable housing projects (where the affordable units exceed 10% of the total units), infill and redevelopment shall have higher priority for capacity than expansion of public water service areas within this Zone.		\boxtimes
Objective 2J4d: All development within the Highlands Region, in areas that are not served by public water systems, shall be at a density that can be supported by on-site wells. Where cluster development in the Protection Zone, the Conservation Zone and the Environmentally-Constrained Sub-zones of the Planning Area will be served by on-site wells, and the undeveloped land is preserved for agricultural purposes in perpetuity, the cluster development in combination with the Agriculture Retention/Farmland Preservation Plan required by Objective 2J4b shall provide for best management practices that protect the on-site wells from contamination resulting from agricultural practices and shall include provisions to minimize or reduce net pollutant loadings from the total cluster project area including the preserved agricultural lands.		\boxtimes
Policy 2J5: To prohibit, through local development review and Highlands Project Review, new or increased water resource transfers between subwatersheds unless it is demonstrated that no other option exists to meet public health, safety and welfare objectives and where such transfers do not result in impairment of resources in the subwatershed from which water is proposed to be transferred.		\boxtimes
Policy 2J7: To require water resource management for all development in the Highlands Region, through local development review and Highlands Project Review.		\boxtimes
Objective 2J7a: Require the maximum feasible water conservation and recycling for any redevelopment or development activity, including renovations to existing single family residences and commercial/industrial buildings.		\boxtimes
Objective 2J7b: Require consideration of and the cost-effective use of recycled or re-used water rather than potable public water for non-potable purposes such as fountains, and nonessential uses such as golf courses, certain recreational, commercial, or agricultural uses.		
Objective 2J7c: Require that new residential development served by public community water systems, be except where also served by septic systems, at a minimum density of 1/2 acre per dwelling unit for the developed part of the site (e.g., not including wetlands, Highlands Open Waters buffers, recreational space), to ensure cost-effective utility service.		\boxtimes
Objective 2J7d: Require that new non-residential development served by public water systems, except where also served by septic systems, be designed to target a floor area ratio (FAR) of 0.84 for the developed part of the site (e.g., not including wetlands, Highlands Open Waters buffers, recreational lands) to the maximum extent feasible, as a means to maximize parking and employment efficiency and compact development.		\boxtimes

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Comments: The applicant is using an on-site well for water supply and discharging treated wastewater back to					
ground water with minimal consumptive uses. No expan	sion of a public water supply system	is prop	osed,	and no	
expansion of the existing service area is proposed.	expansion of the existing service area is proposed.				
WASTEWAT	ER UTILITY				
NJPDES Permit Number:	Projected Flow of Project (GPD):	765			
HDSF Facility? No	HDSF Available Capacity (MGD):	10000000			
Subject to Allocation Agreement? Yes	Capacity Allocated from HDSF (M				
Extent of HDSF Service Area Included in WMP: Full	Partial	,			
Wastewater Treatment Facility:					
Service Area:	Wastewater Discharge Flow (MGD)):			
NJPDES-DGW: Existing Proposed	Existing: Increase:				
NJPDES-DSW: Existing Proposed	Existing: Increase:				
Regional Master Plan Goals, Policies, and Objectives:		<u>C</u>	Ī	N/A	
Policy 211: To prohibit the expansion or creation of public water supply sys			_		
systems and community on-site treatment facilities in the Preservation Area un Determination (HAD) or a HPAA with waiver pursuant to N.J.A.C. 7:38 and Pol	nless approved through a Highlands Applicability		Ш	\boxtimes	
Objective 211a: Designated sewer service areas in the Preservation Area shall be 10, 2004, except to serve development that is approved through a HAD or a Policy 7G1.				\boxtimes	
Objective 211b: The expansion or creation of public water supply systems, public wastewater collection and treatment systems and community on-site treatment facilities in the Preservation Area as approved through a HPAA with waiver pursuant to N.J.A.C. 7:38 and Policy 7G1 shall maximize the protection of sensitive environmental resources including avoidance of Highlands Open Waters buffer areas, Riparian Areas, the forested portion of the Forest Resource Area, agricultural lands of Agricultural Resource Areas, Steep Slopes, Prime Ground Water Recharge Areas, and Critical Habitat.					
Policy 2K2: To base projected demand for current needs, appropriate economic revitalization and opportunities for designated TDR Receiving Zones within Existing Areas Served on existing maximum three month demands plus an estimate of redevelopment needs based on either Highlands Council regional analyses or more detailed local analyses, to assess whether there is adequate treatment capacity to encourage redevelopment.					
Policy 2K3: To provide adequate, appropriate, efficient and cost-effective wastewater management to all development in the Highlands Region, through Plan Conformance, local development review and Highlands Project Review.				\boxtimes	
Objective 2K3b: Existing wastewater collection and treatments systems which are non-compliant with state water quality standards for wastewater treatment and effluent discharge shall be prohibited from collecting and treating additional wastewater until the treatment systems are fully compliant with State permit requirements.				\boxtimes	
Objective 2K3c: Prohibit new, expanded or extended public wastewater collect treatment facilities within the Protection Zone, the Conservation Zone and the Planning Area unless they are shown to be necessary for and are approved be purposed listed below. For approvals regarding parts 1, 2, and 3, the procedure of the purposes listed below. For approvals regarding parts 1, 2, and 3, the procedure of the purposes such as Highlands Open Waters buffer areas, Riparian Area, agricultural lands of Agricultural Resource Areas, Steep Slopes, Prime Grou approvals regarding part 3, the project must avoid disturbance of Highlands Ope and Critical Habitat, and must minimize disturbance of the forested portion of Agricultural Resource Areas, and Prime Ground Water Recharge Areas. The chothe requirements in Objective 2K3d (2 and 3). The applicable purposes are: 1. To address through a waiver under Policy 7G1 or 7G2 a documented exist from a pattern of failing septic systems (where the failing systems cannot replacement) or highly concentrated septic systems, where the threat is of sufficient for the projection of public health and safety. To address other issues of public priority for allocation of existing system capacity; 2. To address development permitted through a Highlands Redevelopment Area 3. To serve a cluster development that meets all requirements of Objective 2K3d.	the Environmentally-Constrained Sub-zones of the system of the system of the system of the system of the Highlands Council for one or more of the system of the Highlands Council for one or more of the system of the Horest Resource of the Forest Resource and Water Recharge Areas and Critical Habitat. For in Waters buffer areas, Riparian Areas, Steep Slopes of the Forest Resource Area, agricultural lands of icc of extension or creation of systems shall following or imminent threat to public health and safety casonably be addressed through rehabilitation or cient scale to justify a public wastewater collection lternative is feasible that would sufficiently assure lic health and safety, such needs shall have highest or takings waiver under Policy 7G1 or 7G2; or				
Objective 2K3d: Clustered development served by a public wastewater collectreatment facility within the Protection Zone, the Conservation Zone and the Planning Area shall be approved only if the following conditions are met: 1. The development impacts are otherwise consistent with the requirements clustering in Agricultural Resource Areas; 2. Extension of an existing public wastewater collection and treatment system within or immediately adjacent to an Existing Area Served with available capacity. 3. Creation of a community on-site treatment facility will occur only where such to an Existing Area Served with available capacity, where the proposed system is	e Environmentally-Constrained Sub-zones of the of the RMP, including provisions for mandatory will occur only where the cluster development is development is not within or immediately adjacent				

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limited to the needs of the clustered development, and where areas that are not the subject of cluster developments immediated. The cluster development preserves at least 80% of the cagriculture purposes. To the maximum extent feasible the de Highlands Open Waters buffers, and recreational lands) occupior community on-site wastewater system; and 5. Where the preserved land in the cluster project area is dedict an Agriculture Retention/Farmland Preservation Plan supports the implementation of best management practices, including deaddresses the protection of water and soil resources prepared Technical Service Provider (TSP), appropriate agent or NJDA's	ely adjacer cluster pro- eveloped person mor- nted to ago s continue development d by the	nt to the initial clubject area in perportion of the presentant 10% of the ricultural purposed agricultural viabent and implemen USDA Natural R	ster served; betuity for environmental project area (e.g., not includin cluster project area if served s, the cluster development or fility of the agricultural land a tation of a Farm Conservatio esources Conservation Service	otection or g wetlands, by a public linance and nd requires n Plan that the (NRCS),			
Objective 2K3e: Allow the expansion or creation of wastewar Planning Area, other than the Environmentally-Constrained S Receiving Zones, infill or redevelopment, to meet needs and 2K3c within the Existing Community Zone, or to serve new as The highest priority for allocation of excess or additional waste septic systems that are located within or adjacent to Existing housing projects (where the affordable units exceed 10% of the capacity than other developments requiring expansion of sewer	ub-zone, protection reas for d water trea Areas Ser e total un service an	to serve lands when requirements ed levelopment that attended to the control of t	ich are appropriate for desig juivalent to those provided a meet all other requirements o to areas where there are cluste ring Areas, where designated, evelopment shall have higher	nated TDR t Objective f the RMP. ers of failed affordable priority for			
Objective 2K3f: All development within the Highlands Region treatment system or community on-site treatment facility, shall 2L. Where cluster development in the Protection Zone, the Coff the Planning Area shall be served by on-site wells, and the unit the cluster development and the Agriculture Retention/Farml shall include provisions for best management practices that propractices and shall include provisions to minimize or reduce no preserved agricultural lands.	be at a de onservation ndevelope and Prese tect the o	ensity that can be on Zone and the ed land is preserve rvation Plan requ n-site wells from	supported by septic systems Environmentally-Constrained of for agricultural purposes in ired by Objective 2K3d in e- contamination resulting from	under Goal Sub-Zones perpetuity, ombination agricultural			
Policy 2K4: To ensure the efficiency and cost-effectiveness o Conformance, local development review and Highlands Project		vastewater collecti	on and treatment systems, the	rough Plan			\boxtimes
Objective 2K4a: Require that new residential development se minimum density of 1/2 acre per dwelling unit for the develo- Waters buffers, and recreational space) to ensure cost-effective	ped part	of the site (e.g.,					
Objective 2K4b: Require that new non-residential developme designed to target a floor area ratio (FAR) of 0.84 for the deve Waters buffers, recreational space) to the maximum extent feasi compact development.	loped par	t of the site (e.g.,	not including wetlands, Highl	ands Open			
Objective 2K4c: Require the use of recycled or re-used water purposes such as fountains, golf courses, and other recreational.		요즘이 원래를 살아보다면서 하는 것이 만든 이 없지 않는데 살아 없다.		on-potable			\boxtimes
Comments: The applicant is using an on-site						oack to	
ground water through on-site septic systems.			170	propose	ed.		
	EPTIC	SYSTEM					
Proposed Nitrate Target(s) (mg/l):	D		charge Rate Used:			verage	
Municipal Septic System Density (acre/unit)	Prote	ction Zone	Conservation Zone	Existin	g Comi	nunity	Zone
HC Septic System Density (acre/unit)							
Municipal Septic System Yield (units)							
HC Septic System Yield (units)							
Regional Master Plan Goals, Policies, and	Object	tives:			<u>C</u>	Ī	N/A
Policy 2L2: To use the median background nitrate concentration establishing on-site wastewater treatment densities through Plan Review.	ons in grou	and water in the I					
Objective 2L2a: Use the median concentrations of nitrate in gr Protection Zone is predominant as the nitrate target for new de The median is 0.72 mg/L.							\boxtimes
Objective 2L2b: Use the median concentrations of nitrate in grades Conservation Zone is predominant as the nitrate target for new Zone. The median is 1.87 mg/L.							\boxtimes
Objective 2L2c: Use the NJDEP Highlands Preservation Area	rules and	nitrate thresholds	for the Preservation Area.			\boxtimes	

Page: 16 Name of Applicant: Township of West Milford Objective 2L2d: Use a nitrate target of 2 mg/L for the Existing Community Zone within Planning Area, on a project-by-project \boxtimes basis, where new development will rely on septic systems. Objective 2L2e: New residential development using septic systems where clustering or conservation design techniques are X employed shall have a gross density (for all parcels involved in the development proposal) based on the nitrate dilution target appropriate for the Land Use Capability Zone, but with the density for the developed portion of the site based on a nitrate dilution target not to exceed 10 mg/L or any more stringent requirement as required by N.J.A.C. 7:15. Objective 2L3f: Carrying capacity shall be documented through the Land Use Capability Septic System Yield Map as the number X of allowable septic systems per Conservation and Protection Zone for each HUC14 subwatershed, taking into account the nitrate target, the HUC14 subwatershed drought ground water recharge, and the acreage that is privately owned, undeveloped or underdeveloped, and not preserved. Objective 2L2g: New residential development utilizing septic systems shall be designed in a manner that ensures that the untreated \boxtimes well water meets the State drinking water quality standards and that minimizes the risk of well contamination due to the flow of septic system plumes within or between developed lots, addressing general ground water flow patterns, major fracture systems and other appropriate geological, geophysical and hydrogeological issues. Comments: This project proposes a new septic system for site redevelopment within the Preservation Area, which is inconsistent with Objective 2L2c and therefore requires a waiver from Preservation Area septic system density limitations. PART 3 AGRICULTURAL RESOURCES Area within Agricultural Priority Area? No Area within Agricultural Resource Area? No If yes, percentage? If yes, percentage? Project Area includes preserved farmland? No If yes, identify properties (B/L): Affects Farm Unit >250 acres? No Includes Important Farmland Soils? Yes Agricultural Uses? No N/A Regional Master Plan Goals, Policies, and Objectives: $\underline{\mathbf{C}}$ Policy 3A5: Where it is not feasible to preserve agricultural lands within the ARA by such methods as fee simple acquisition, \boxtimes easement acquisition, or a TDR Program, require mandatory clustering through Municipal Plan Conformance, local development review and Highlands Project Review for residential development in an ARA. Cluster development within the Planning Area that incorporates public or community on-site wastewater utilities shall meet the requirements of Policy 2J4 with Objectives 2J4a through 2J4d, and Policy 2K3 with Objectives 2K3a through 2K3e, and within the Preservation Area shall meet the requirements of Policy 211 and Objectives 211a and 211b, and where reliant on septic systems shall meet the requirements of Objective 611a. Objective 3A5a: Implement regulations requiring that cluster or conservation design development proposed within an Agricultural \boxtimes Resource Area support the preservation of farmland, avoid conflicts with agriculture, maintain and enhance the sustainability and continued viability of the agricultural industry, protect Important Farmland Soils, and meet resource management and protection requirements of the RMP. Objective 3A5b: Implement regulations requiring that all cluster or conservation design development proposed in an Agricultural \boxtimes Resource Area be buffered appropriately with existing natural resources, such as hedgerows or trees, or with new buffers to avoid conflicts between non-agricultural development and agricultural activities, and to protect existing agricultural uses and sensitive Objective 3A5c: Implement regulations requiring that all land preserved in perpetuity for environmental protection or agricultural X purposes as a result of clustering be subject to a conservation easement enforceable by the Highlands Council and at least one of the following: the appropriate municipality, for agricultural purposes the County Agriculture Development Board or the SADC and for environmental purposes Green Acres or a qualified land trust non-profit organization. Objective 3A5d: Where the preserved land in the cluster project area is dedicated to agricultural purposes support continued \boxtimes agricultural viability of the agricultural land, encourage that the original or new farmstead remain attached to the preserved land wherever feasible, and require the implementation of best management practices through the cluster development ordinance and an Agriculture Retention/Farmland Preservation Plan, including development and implementation of a Farm Conservation Plan that addresses the protection of water and soil resources prepared by the USDA NRCS, Technical Service Provider (TSP), appropriate agent or NJDA staff, and approved by the local Soil Conservation District (SCD). Policy 3A6: To permit through local development review and Highlands Project Review limited development, including family and \boxtimes farm labor housing in Agricultural Resource Areas which are necessary to support the viability of the agricultural operation, in coordination with the NJDA and the SADC, and subject to compliance with the resource management and protection requirements of the RMP.

Objective 3A6a: Implement regulations allowing for construction of ancillary structures and family and farm labor housing that is

necessary to support the viability of the agricultural operation, upon a demonstration that the proposed development is consistent

with the resource management and protection requirements of the RMP.

 \boxtimes

Project Name: West Milford Municipal Complex and Public Library - Highlands Redevelopment Area Designation

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N	ame of Applicant: Township of West Milford		Page: 17		
	Policy 3C1: To prohibit through Plan Conformance, local development review and Highlands Project Review the development of additional water and wastewater infrastructure in a Agricultural Resource Area (ARA) within the Conservation and Protection Zones of the Planning Area, unless they meet the requirements of Policy 2J4 with Objectives 2J4a through 2J4d, and Policy 2K3 with Objectives 2K3a through 2K3e, and will maximize the preservation of agricultural lands within the ARA.				
	Policy 3D2: To require any agricultural or horticultural development in the involves new agricultural impervious cover, since enactment of the Highlands. Unit (either individually or cumulatively) of greater than 3% but less than 9%, to prepared by the USDA NRCS, TSP, appropriate agent, or NJDA staff, and appro-	Act, to the total land area of a Farm Managerr develop and implement a Farm Conservation I	ient 🗀		
	Policy 3D3: To require any agricultural or horticultural development in the involves new agricultural impervious cover, since enactment of the Highlands. Unit (either individually or cumulatively) of 9% or greater to develop and implem by the USDA NRCS, TSP, appropriate agent, or NJDA staff, and approved by the	Act, to the total land area of a Farm Management a Resource Management System Plan prepa	ent 🗀		
	Policy 3D6: To identify subwatersheds with elevated nitrate levels and develop a quality in these subwatersheds while maintaining and enhancing agricultural viability.		ater		\boxtimes
S	Policy 3E3: To require conforming municipalities and counties, with farmland land base, to incorporate Right to Farm provisions, in accordance with N.J.S.A. plans and development regulations.				\boxtimes
	Policy 3E4: To address agricultural or horticultural development and agricultural accordance with the Right to Farm Act, N.J.S.A. 4:1C-1, and in coordination Agriculture Development Boards (CADB).				
	Comments: While the southwestern portion of the tract for	eatures Important Farmland Soils, t	here are no	Agric	ultural
	Resource Areas within the project area, and the Agricultura	l Resources policies and objectives	are not ap	plicable	e to
	the proposed project.				
	PART 4 HISTORIC, CULTURAL, ARCHA	EOLOGICAL, AND SCENIO	CRESOU	JRCE	S
	Presence of Resources: No	Highlands Historic District Po			
	Highlands Historic Properties Polygons Absence Highlands Historic Property Point				
	Archaeological Grids Absence	ventory A	bsence	:	
	Description of Resources:	•		10	
	Regional Master Plan Goals, Policies, and Objectives:		<u>C</u>	Ī	N/A
8	Policy 4A3: To ensure through local development review, where a municipali under Policy 4C2, that human development does not adversely affect the charal Highlands Historic and Cultural Resource Inventory to the maximum extent practice.	acter or value of resources which are listed on			\boxtimes
	Objective 4A3a: All development and redevelopment applications shall incl historic, cultural and/or archaeological resources on the subject property or imme	정기들은 가는 이 경영하는 이 맛있다면 없는 내가 있는 것이 없는 사람들이 되었다면 하는 것이 없는 것이 없는 것이 없는 것이 없는 것이 없는 것이 없는 것이다.	ntial		\boxtimes
	Policy 4A4: To require that the impact of proposed human development on the Region be addressed during local development review and Highlands Project Rev		nds		\boxtimes
	Objective 4A4a: All applications for site plan or subdivision approval shall archaeological resources in the Highlands Region, which are listed on the Highlands be affected by the proposed development.	HT NOTE (CONT			
30	Objective 4A4b: Where a municipality has adopted an historic preservation or affects identified cultural, historic sites/districts, or archaeological resources sha vation of the affected resources.				
	Policy 4B3: To ensure that human development does not adversely affect the Highlands Scenic Resources Inventory.	character or value of resources which are listed	on 🗌		\boxtimes
	Policy 4B4: To establish minimum standards to ensure that Highlands Sci- development.	enic Resources are not impaired by new hur	nan 🔲		\boxtimes
	Policy 4B5: To require that the impact of proposed human development on addressed during local development review and Highlands Project Review and ap		be		\boxtimes
8	Objective 4B5a: All development applications shall include identification of any listed on the Highlands Scenic Resources Inventory and may be affected by the p		are		\boxtimes
	Objective 4B5b: All development which affects identified scenic resources preservation of the affected resources.	shall comply with minimum standards for	the		\boxtimes
	Objective 4B5c: Any proposed action that requires federal permits, involves fe may impact the resource values of the Musconetcong National Scenic and Rec Scenic and Recreational River, pursuant to section 10(a) of the National Wild National Park Service, National Wild and Scenic Rivers Program.	reational River and the Lower Delaware Natio	onal		
	Comments: Review of the Highlands GIS data indica	tes that the tract does not featu	re any his	toric, c	ultural,

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archaeological, or scenic resources.				
PART 5 TRANSPORTATION				
Project supports local transportation/transit infrastructure? NA				
Regional Master Plan Goals, Policies, and Objectives:	<u>C</u>	Ī	N/A	
Policy 5B2: To require through Plan Conformance and Highlands Project Review an evaluation of potential growth inducing effects such as substantial new land use, new residents, or new employment that could occur as a result of road improvements for increased motorized vehicle traffic capacity.			\boxtimes	
Policy 5B3: To prohibit through Plan Conformance and Highlands Project Review road improvements in the Highlands Region in areas for which a Growth Inducing Study demonstrates that proposed improvements do not support the RMP resource protection and smart growth policies and are likely to be growth-inducing for lands with limited or no capacity to support human development without an adverse impact on the Highlands ecosystem.				
Policy 5C3: To limit road improvements through local development review and Highlands Project Review where roads are constrained by topography, forested lands or the community character of land uses fronting on the road.			\boxtimes	
Comments: The project does not include or require any road improvements.				
PART 6 FUTURE LAND USE				
SUBPART A LAND USE CAPABILITY ZONES				
Project Area within which Land Use Capability Zone or Sub-Zone? (check all that apply): Protection Zone ☐ Conservation Zone ☐ Existing Community Zone ☒			95	
Conservation – Environmentally Constrained Sub-Zone	strained	Sub-Z	one 🔲	
Regional Master Plan Goals, Policies, and Objectives:	<u>C</u>	Ī	N/A	
Policy 6C1: To limit new human development in the Protection Zone to redevelopment, exempt activities, and environmentally-compatible low density new land uses, in accordance with RMP resource protection needs and water quality and quantity capacity constraints and to ensure that the impacts of development using exemptions under the Highlands Act (see Policy 7F1) are considered in regional protection measures.				
Objective 6Cla: Centers in the Protection Zone, potentially including clustered development, shall be at densities appropriate to the Zone, the community character, the State Development and Redevelopment Plan, and the use of septic systems or community wastewater systems.			\boxtimes	
Policy 6C2: To ensure through Plan Conformance, local development review and Highlands Project Review that any future development or redevelopment which does occur in a Protection Zone is subject to standards and criteria which protect the land and water resources of the Protection Zone from any potential adverse impact to the maximum extent possible.			\boxtimes	
Policy 6D3: To limit through Plan Conformance, local development review and Highlands Project Review the use and development of lands within the Conservation Zone to agriculture use and development, including ancillary and support uses, redevelopment of existing developed areas, and environmentally-compatible low density land uses that are to the maximum extent possible achieved in compact development patterns, to be designed and developed in a manner which is compatible with the long term use of adjacent land for agricultural purposes.				
Objective 6D3b: Centers in the Conservation Zone, potentially including clustered development, shall be at densities appropriate to the Zone, the community character, the State Development and Redevelopment Plan, and the use of septic systems or community wastewater systems.			\boxtimes	
Policy 6F3: To ensure that development activities within the Existing Community Zone are subject to standards and criteria which ensure that development and redevelopment incorporate smart growth principles and do not adversely affect natural resources.	\boxtimes			
Policy 6F4: To ensure that development and redevelopment within the Existing Community Zone are served by adequate public facilities including water supply, wastewater treatment, transportation, educational and community facilities.	\boxtimes			
Policy 6F5: To ensure that development and redevelopment in the Existing Community Zone are compatible with existing community character.	\boxtimes			
Objective 6F6a: Center based development initiatives shall be planned within the Existing Community Zone at densities appropriate to the Zone, the community character, the State Development and Redevelopment Plan. Densities of five dwelling units and above are encouraged, and are required in areas designated as voluntary TDR Receiving Zones where TDR benefits are sought under the Highlands Δet.				
Comments: The majority of the tract is located in the Existing Community Zone. A narrow strip along the eastern porder of the tract lies within the Lake Community Sub-Zone, but the proposed project location does not fall within this sub-zone. Construction of the public library and associated parking areas would not adversely affect natural resources, as the area is already disturbed, and focusing new uses within an existing municipal complex is consistent with Policy 6F5. Management of stormwater shall be addressed through the HPAA with redevelopment waiver permit process, to be consistent with Policy 2G5 and 6N2.				

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SUBPART C REGIONAL GUIDANCE FOR DEVELOPMENT AND REDEVELOPMENT				
Regional Master Plan Goals, Policies, and Objectives: (it is important to note the policy regarding discretionary growth - Policy 6H7 Provisions and standards relating to regional growth activities which increase the	<u>C</u>	Ī	N/A	
intensity of development shall be discretionary for conforming municipalities and counties):				
Policy 6H1: To protect, restore, or enhance sensitive environmental resources of the Highlands Region, including but not limited to Forests, Critical Habitat, Highlands Open Waters and their buffers, Riparian Areas, Steep Slopes, Prime Ground Water Recharge Areas, Wellhead Protection Areas, and Agricultural Resource Areas.		\boxtimes		
Objective 6H1b: Prevent the extension or creation of water and wastewater utility services in the Protection Zone, Conservation Zone and Environmentally Constrained Sub-Zones of the Planning Area, unless they meet the requirements of Policy 2J4 with Objectives 2J4a through 2J4d, and Policy 2K3 with Objectives 2K3a through 2K3e, and will maximize the protection of agricultural and environmentally sensitive resources.				
Objective 6HId: Cluster and conservation design development plans and regulations shall consider existing community character, incorporate smart growth design principles, and require Low Impact Development including but not limited to: locating development adjacent to existing infrastructure such as water, wastewater, transportation, and public facilities to limit the degree of new impervious surface, and permitting smaller residential lots in order to incorporate community open space and existing natural resources into the design.			\boxtimes	
Policy 6H3: To require conforming municipalities to include site development programs, such as clustering and lot averaging, to protect natural and agriculture resources.			\boxtimes	
Policy 6H6: To integrate public parks and green spaces into development and redevelopment projects and ensure restoration of impaired natural resources to the extent required by law, at a minimum, and where feasible to a greater extent to maximize long term value of the project.				
Policy 6H7: Provisions and standards relating to regional growth activities which increase the intensity of development shall be discretionary for conforming municipalities and counties.			\boxtimes	
Policy 6H8: Regional growth, where accepted through local planning and regulations, should identify opportunities to maximize land use intensity while protecting natural features and community character.			\boxtimes	
Objective 6H8a: Development and redevelopment initiatives shall encourage the use of Highlands Development Credits as a means to enhance the existing or adjacent community while protecting local and regional natural resources.			\boxtimes	
Objective 6H8b: Preparation and implementation of standards ensuring that development protects environmentally sensitive resources in all Land Use Capability Zones and Sub-Zones.			\boxtimes	
Policy 6H9: To incorporate smart growth principles and green building design and technology in development and redevelopment initiatives.			\boxtimes	
Comments: Inconsistencies with Policy 6H1 have been addressed above (see Highlands C	pen W	Vater 1	ouffers,	
Wellhead Protection Areas and water availability). Management of stormwater from the project area				
addressed through the HPAA with redevelopment waiver permitting process. The project should be de-				
incorporate low impact development techniques where feasible, including stormwater management techniques				
for mitigation. Any disturbance and construction activities should be managed to minimize impacts to				
surrounding environment. The redevelopment of the site is a beneficial public use. By reusing and redevelopment				
previously disturbed areas, economic investment and community development within the framework of smart gro				
is assured. The project promotes smart growth policies by a maintaining land use patterns, balancing econo				
development with resource protection, and providing an equitable distribution of the co	sts and	bene	fits of	
redevelopment.				
SUBPART D REDEVELOPMENT				
Locally Designated Redevelopment Area? NA If yes, name of site(s):				
Highlands Designated Redevelopment Area? NA If yes, name of site(s):				
Highlands Contaminated Site Inventory Tier 1 or Tier 2 Site(s)? No If yes, name of site(s)):			
Regional Master Plan Goals, Policies, and Objectives:	<u>C</u>	Ī	N/A	
Policy 6J1: To encourage Preservation Area redevelopment of sites with 70% or greater impervious surfaces or a brownfield in areas designated by the Highlands Council as Highlands Redevelopment Areas in accordance with N.J.A.C 7:38-6.6 and 6.7.	\boxtimes			
Policy 6J2: To encourage redevelopment in the Existing Community Zone in the Planning Area of brownfields, grayfields, and other previously developed areas that have adequate water, wastewater, transportation capacity, and are appropriate for increased land use intensity or conversion to greenfields, as approved through Plan Conformance or the Highlands Redevelopment Area Designation process.	\boxtimes			
Policy 6J3: To encourage redevelopment in the Conservation and Protection Zones in the Planning Area of brownfields and grayfields that have adequate water, wastewater, transportation capacity, and are appropriate for increased land use intensity or			\boxtimes	

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conversion to greenfields, as approved through Plan Conformance or the Highlands Redevelopment Area Designation process.			
Policy 6L1: To require that conforming municipalities identify any development, redevelopment, and brownfield opportunities in the local land use plan element of their master plans, as appropriate.			\boxtimes
Policy 6L2: To require that conforming municipalities amend development regulations and zoning to enable project implementation of local redevelopment initiatives that are identified under Policy 6L1 and locally endorsed through Plan Conformance.			\boxtimes
Objective 6L2a: Municipal review of local redevelopment projects consistent with RMP smart growth and Low Impact Development policies and objectives.	\boxtimes		
Comments: This proposal directly addresses the purposes of Policy 6J1 and 6J2. Management the project area shall be addressed through the HPAA with redevelopment waiver permitting should be designed to incorporate low impact development techniques where feasible,	process including	s. The	project mwater
management techniques used for mitigation. Any disturbance and construction activities sl-	ould be	mana	iged to
minimize impacts to the surrounding environment.			
SUBPART E SMART GROWTH			
Is the municipality involved in the State Planning Commission Plan Endorsement (PE)	process	P No	
If yes, status of PE process:			
Does the project area include a State Planning Commission designated or expired center	? No		
If yes, center expiration date: 00/00/0000		ietro -	
Regional Master Plan Goals, Policies, and Objectives:	<u>C</u>	Ī	N/A
Policy 6N2: To require municipalities and counties to adopt stormwater management Low Impact Development standards to preserve or mimic the natural hydrologic features and characteristics of the land.			\boxtimes
Objective 6N2a: Implementation of on-site stormwater management features that maintain, restore and enhance the pre-existing natural drainage patterns of the site.			\boxtimes
Objective 6N2b: Limitations on the amount of impervious cover allowed on a site as a means to protect and increase stormwater infiltration and reduce stormwater runoff.			\boxtimes
Objective 6N2c: Minimum requirements for site-specific hydrologic studies during local development review and Highlands Project Review which identify the velocity, volume and pattern of water flow into, through, and off of the parcel proposed for development.			\boxtimes
Objective 6N2d: Minimum requirements that stormwater management systems employ a "design with nature" approach.			\boxtimes
Objective 6N2e: Minimum requirements for use of grass channels, dry swales, wet swales, infiltration basins, bio-swales and water gardens, green roofs, and other low impact approaches to attenuate and control stormwater and provide multiple environmental benefits.			\boxtimes
Policy 6N3: To require through Plan Conformance that municipalities and counties adopt Low Impact Development practices to minimize land disturbance during construction activities.			\boxtimes
Policy 6N4: To require through Plan Conformance that municipalities and counties adopt LID best management practices where disturbance of Highlands resources is proposed, including but not limited to Steep Slopes, forest resources, Critical Habitat, Highlands Open Waters and Riparian Areas, and Prime Ground Water Recharge Areas.			\boxtimes
Policy 6N5: To require through Plan Conformance that municipalities and counties incorporate programs for community and neighborhood design that support a variety of housing options, mixed uses, redevelopment, adaptive resuse of historic sites and structures, and infill development in their master plans and development regulations.			\boxtimes
General Comments: Management of stormwater shall be addressed through the HPAA with	redevelo	pment	waiver
permit process. The proposed project should be designed to incorporate low impact dev			
management techniques, including vegetated areas to control runoff and assist recharge.	Any de	molitic	on and
construction activities should be managed to minimize impacts to the surrounding environment.			
SUBPART F HOUSING AND COMMUNITY FACILITIES			
Does the project area include an affordable housing site? No 3rd Round Status: Peti	tion		
Regional Master Plan Goals, Policies, and Objectives:	<u>C</u>	Ī	N/A
Policy 607: To require that conforming municipalities implement both the resource protection requirements of the RMP along with the New Jersey Supreme Court's doctrine, in its Mount Laurel decisions, that every municipality in a "growth area" has a constitutional obligation to provide through its land use regulations, sound land use, and long range planning, a realistic opportunity for a fair share of its region's present and prospective needs for housing for low and moderate income families.			\boxtimes

Date: March 3, 2010

Project Name: West Milford Municipal Complex and Public Library - Highlands Redevelopment Area Designation Date: March 3, 2010 Page: 21 Name of Applicant: Township of West Milford Policy 608: To require that conforming municipalities update and adopt a housing element, fair share plan, and implementing \boxtimes ordinance(s) to reflect current conditions and resource protection requirements of the RMP. Objective 608a: Conforming municipalities, through housing plans, will evaluate and provide for alternate mechanisms to address X affordable housing obligations where RMP resource protection standards restrict the ability of planned but not built sites to be developed for affordable housing. Comments: The proposed project is the construction of a public library for the municipality. PART 7 LANDOWNER EQUITY Is the project exempt from the Highlands Act? No Does the project support the use of Highlands Development Credits? No Regional Master Plan Goals, Policies, and Objectives: C Ī N/A Objective 7FIc: Preservation Area exemptions issued by the NIDEP in accordance with N.J.A.C. 7:38, shall be required, where appropriate, prior to consideration of a local development review or a Highlands Project Review. Guidance shall specify the exceptions where a review may proceed absent an exemption determination from the NJDEP. Objective 7FId: Planning Area exemptions, issued by the Highlands Council, shall be required, where appropriate, prior to \boxtimes consideration of a local development review or a Highlands Project Review. Guidance shall specify the exceptions where a review may proceed absent such an exemption determination. Applications for exemptions submitted to the Highlands Council shall be based upon the application requirements exemptions codified in N.J.A.C. 7:38. Objective 7FIf: Activities authorized under exemptions #9 and #11, which require a finding that the activity is consistent with the \boxtimes goals and purposes of the Highlands Act, shall be based upon a finding that the proposed activities are consistent with Highlands Act, the RMP, any rules or regulations adopted by the NJDEP pursuant to the Highlands Act, or any amendments to a master plan, development regulations, or other regulations adopted by a local government unit specifically to conform them with the RMP. Policy 7GI: For the Preservation Area, coordinate with NJDEP during Highlands permit review for any major Highlands \times development including the review of waivers on a case-by-case basis: 1) if determined to be necessary in order to protect public health and safety; 2) for redevelopment in certain previously developed areas as identified by the Highlands Council, or 3) in order to avoid the taking of property without just compensation. Policy 7G2: For both the Preservation Area and the Planning Area, a waiver may be issued by the Highlands Council on a case-bycase basis from the requirements of the RMP or any amendments to a master plan, development regulations, or other regulations adopted by a local government unit specifically to conform them with the RMP: 1) if determined to be necessary in order to protect public health and safety; 2) for redevelopment in certain previously developed areas as identified by the Highlands Council, or 3) in order to avoid the taking of property without just compensation. Any waiver issued shall be conditioned upon a determination that the proposed development meets the requirements prescribed for a finding as listed in Section 36.a of the Highlands Act to the maximum extent possible. Policy 7G3: For both the Preservation Area and the Planning Area during local development review, any variance or exception \boxtimes issued shall be conditioned upon a written determination, specifically included in an approving resolution, that the proposed development meets the requirements prescribed for a finding as listed in Section 36.a of the Highlands Act to the maximum extent possible. Comments: The applicant is applying to the Highlands Council for a Highlands Redevelopment Area designation in a previously developed area, and will then seek an HPAA with redevelopment waiver from NJDEP, consistent with Policies 7G1 and 7G2. PART 8 SUSTAINABLE ECONOMIC DEVELOPMENT $\underline{\mathbf{c}}$ N/A Regional Master Plan Goals, Policies, and Objectives: Policy 8A1: To maintain and expand the existing job and economic base by promoting appropriate, sustainable, and \boxtimes environmentally compatible economic development throughout the Highlands Region. Policy 8A2: To preserve the high quality of life in the Highlands Region through economic planning of the RMP. Policy 8A3: To identify and pursue state and federal programs that offer financial and/or technical assistance for sustainable economic development in the Highlands Region. Policy 8A5: To advocate for appropriate public investment in the Highlands Region through the strategic location of public X facilities and institutions that will spur sustainable and appropriate economic activity. Objective 8A6a: Coordinate with municipalities and counties as local and regional strategies are developed to improve the tax base \boxtimes and to create jobs and economic opportunities consistent with the policies and objectives of the RMP.

Comments: The proposed redevelopment project will enable the Township of West Milford to construct a public library that will be designed to meet the State standards for a community the size of West Milford. According to the municipality, the existing library only has approximately one-third of the space it needs to house its expansive book and media collections. Further, it has been noted that due to the amount of books in the 3,000-square-foot public area of the existing library, there is little room for computers, reading desks and even seating. The redevelopment of the

 \boxtimes

Policy 8C1: To promote recreation and tourism based economic initiatives, which derive economic benefit from sustainable use of

the natural resources of the Highlands Region.

Date: March 3, 2010

Name of Applicant: Township of West Milford Page: 22

site is a beneficial public use. By reusing and expanding previously disturbed areas, economic investment can occur within an environmentally compatible site. The project enhances and promotes economic development in the Region.

CONCLUSION

This application is for a Highlands Redevelopment Area Designation wherein the Highlands Council designates an area for redevelopment activities with conditions and waivers as appropriate from the RMP; the second part of the process is that the applicant requests waivers from NJDEP regarding unavoidable impacts to resources affected by the proposal in order to retain economic viability.

The proposed project is consistent with the Highlands Act and Highlands Council procedures regarding designation of a Highlands Redevelopment Area with at least 70% existing impervious surface. It is inconsistent with Policy 1D4 and Objectives 1D4b,1D4c and 1D4f as it entails encroachment into a Highlands Open Waters buffer, though it is noted that the on-site buffer (primarily existing maintained lawn) is upgradient from the proposed development and is currently disturbed. The proposed project is inconsistent with Objective 2B8b because the on-site well is located within a Current Deficit Area. Consistency would require that the applicant provide mitigation equal to 125% of the proposed additional consumptive water uses benefiting the project, which could be achieved through on-site recharge and retrofit of existing buildings on-site.

Construction of the proposed facilities within the disturbed HOW buffer, and consumptive water use in a Current Deficit Area must be addressed through the redevelopment waiver process under N.J.A.C. 7:38. Stormwater regulations also must be followed in the project design upon HPAA with redevelopment permitting. The project should be designed to incorporate low impact development techniques where feasible, including stormwater management techniques used for mitigation. Any disturbance and construction activities should be managed to minimize impacts to the surrounding environment.

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CHRIS CHRISTIE

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Highlands Water Protection and Planning Council 100 North Road (Route 513) Chester, New Jersey 07930-2322 (908) 879-6737 (908) 879-4205 (fax) www.highlands.state.nj.us



JACK J. SCHRIER
Acting Chairman

EILEEN SWAN

Executive Director

Highlands Council Staff Final Recommendation Report Proposed Highlands Redevelopment Area Designation West Milford Municipal Complex and Public Library

Date: March 3, 2010

Re: Application Type: Proposed Highlands Redevelopment Area Designation

Name: West Milford Municipal Complex and Public Library

Municipality: West Milford
County: Passaic

Highlands Act Area: Preservation Area

LUCM Location: Existing Community Zone
Property: Block 7903, Lots 13, 14, 15, 16

Proposed Use: Proposed 25,500 sq ft three story public library

1.0 PROJECT DESCRIPTION

The subject properties are Lots 13, 14, 15, and 16 in Block 7903 located between Ridge Road and Union Valley Road in the Township of West Milford, Passaic County. The tract is mostly developed and contains the municipal building which houses the administrative offices and police station. The remainder of the tract includes the municipal ambulance squad building, a small public library, a cell tower site, a small retail store, a small dwelling, and maintained lawn areas. The Township of West Milford wishes to redevelop the western portion of the property with a 25,500-square foot three story public library, associated parking areas, and a new septic disposal system. Another element of the proposed project is the removal of the small retail building and its garage. The area of proposed disturbance is approximately 1.5 acres, within a proposed Highlands Redevelopment Area with 70 percent existing impervious surface. The majority of the tract is located in the Existing Community Zone of the Preservation Area (a narrow strip along the eastern border of the tract lies within the Lake Community Sub-Zone, but the proposed project location does not fall within this sub-zone.)

2.0 ADMINISTRATIVE PROCESS

With respect to administrative process and history, a voluntary inquiry meeting was held between the applicant (Township of West Milford and its representatives) and Highlands Council staff in August 2009 to discuss the tract, potential opportunities for redevelopment, and the Highlands Preservation Area rules, exemptions, waivers, and procedures. On December 14, 2009, the

Highlands Council received an application for a Pre-Application meeting for the proposed Highlands Redevelopment Area Designation. The application was deemed to be administratively complete and a Pre-Application meeting date was held on February 1, 2010 at the Highlands Council office. A summary of the issues discussed during the Pre-application Meeting is attached to this staff recommendation report.

The applicant also submitted the required application materials for a Petition for Highlands Redevelopment Area Designation on February 1, 2010. The Highlands Council staff determined that the application was administratively complete (i.e., it met the submittal requirements outlined in the *Procedures for Highlands Redevelopment Area Designations*, October 2008) and sufficient for the staff to commence a technical review. The review information is posted on the Highlands Council Web site and is also available for public review at the offices of the Highlands Council; members of the public are asked to make an appointment with Council staff to review project files and all application materials. Public notice was published by the Township at least 10 days prior to this Highlands Council meeting.

A meeting was held on March 2, 2010 between the applicant, Highlands Council staff, and staff from the NJDEP Division of Land Use Regulation at the NJDEP Trenton office. The purpose of the meeting was for the applicant to present the proposal for redevelopment to NJDEP staff (for the ultimate submittal of an application for an HPAA with Redevelopment Area permit). During the meeting, the applicant indicated that since the Highlands Council staff Pre-Application meeting on February 1, 2010, an on-site wetlands delineation was conducted. It was determined that there is an on-site wetland and that the original proposed development would be within the identified wetland boundary. The applicant noted that it has since relocated the proposed development outside of, and down gradient from the identified wetland boundary, within its 300-ft buffer. The applicant indicated that it will be obtaining a Letter of Interpretation/HRAD from the NJDEP. The applicant also noted that since the Highlands Council Pre-Application meeting, it had subsequently reviewed site-specific well survey data and determined that the well resulting in the Tier 1 WHPA that was discussed at the meeting is not at the location indicated by the Highlands GIS data, which modifies the location of the WHPA (the proposed bioretention basin is not located in the Tier 1 WHPA). On March 3, 2010, the applicant submitted a revised site plan to the Highlands Council staff, which shows the revised proposed development location, the delineated wetland boundary and buffer, and the correct location of the Tier 1 WHPA.

3.0 SMART GROWTH AND SUSTAINABLE ECONOMIC DEVELOPMENT CONSIDERATIONS

Given that redevelopment is one of the major opportunities for sustainable economic development and smart growth in the Highlands Region, the proposed redevelopment project was reviewed for policies and objectives relevant to smart growth and sustainable economic development. The RMP calls for economic development that is "sustainable over time," and not dependent on "development of undeveloped lands." The Highlands Act calls for the RMP to "promote compatible ... cultural uses and opportunities within the framework of protecting the Highlands environment." The proposed redevelopment seeks to construct a new public library that will be designed to meet the State standards for a community the size of West Milford. The library will be constructed on the grounds of the existing municipal complex. According to the municipality, the existing library only has approximately one-third of the space it needs to house its expansive book

and media collections. Further, it has been noted that due to the amount of books in the 3,000-square-foot public area of the existing library, there is little room for computers, reading desks and even seating. The project replaces an existing, small library and enhances utility of the existing municipal complex on previously disturbed land.

With respect to smart growth, management of stormwater from the project area shall be addressed through the HPAA with redevelopment waiver permitting process. The project should be designed to incorporate low impact development techniques where feasible, including stormwater management techniques used for mitigation. Any disturbance and construction activities should be managed to minimize impacts to the surrounding environment. The redevelopment of the site is a beneficial public use. By reusing and redeveloping previously disturbed areas, economic investment and community development within the framework of smart growth is assured. The project promotes smart growth policies by a maintaining land use patterns, balancing economic development with resource protection, and providing an equitable distribution of the costs and benefits of redevelopment.

4.0 FINDINGS AND RECOMMENDATIONS

Council staff reviewed the complete application package. The site plan was analyzed to verify the reported sizes of the proposed Highlands Redevelopment Area and the areas of impervious surface. Findings include:

- Impervious Surface Requirement: The calculations were verified and the proposed Highlands Redevelopment Area was found to contain at least 70 percent impervious surface.
 - Existing Impervious Surface = 166,190 sq ft
 - Allowable Highlands Redevelopment Area = 237,414 sq ft
 - Proposed Highlands Redevelopment Area = 237,384 sq ft
- Resource Assessment: Based upon a review of the site plan and Highlands Council GIS data layers, it was determined that the proposed project entails encroachment into a Highlands Open Waters buffer for an off-site wetland, though it is noted that both the offsite wetland (actually an existing ball field) and the on-site buffer (an existing maintained lawn) are currently disturbed. During the Pre-Application meeting, the Highlands Council staff noted that the applicant would be required to obtain a Letter of Interpretation/HRAD from the NJDEP, which may be sufficient to resolve the inconsistency. Since that time, the applicant conducted a wetland delineation and determined that there is an on-site wetland and that the original proposed development would be within the identified wetland boundary. The applicant has since relocated the proposed development outside of, and down gradient from the identified wetland boundary, within its 300-ft buffer. The applicant indicated that it will be obtaining a Letter of Interpretation/HRAD from the NJDEP. As encroachment into the buffer is required, a waiver of this requirement by NJDEP would be required and would be appropriate, as the buffer is upgradient from the proposed development and is in an existing disturbed condition. The proposed project is inconsistent with Regional Master Plan Objective 2B8b because the on-site well is located within a Current Deficit Area. Consistency would require that the applicant provide mitigation equal to 125% of the proposed consumptive water uses (approximately 220 gallons per day), which could be achieved through on-site recharge and retrofit of existing buildings on-site. The 125% mitigation would be approximately 275 gpd, or 0.1 million gallons per year, which should be achieved to the maximum extent feasible given on-site conditions, and otherwise

would be subject to a waiver from the provisions of the RMP by the Highlands Council. The applicant proposes to construct a bioretention basin as part of the proposed project, which may be used for recharge if necessary to meet recharge requirements. Review of the Highlands GIS data indicates that the location of this basin is within a Tier 1 Wellhead Protection Area, which is inconsistent with Objective 2H2a if it is to be used for recharge of potentially contaminated water. However, the applicant has subsequently reviewed site-specific survey data and has provided mapping to the Highlands Council that indicates that the well is not at the location indicated by the Highlands GIS data, which modifies the location of the WHPA. It has been determined that the proposed recharge basin does not encroach into the Tier 1 WHPA.

• Smart Growth and Sustainable Economic Development: The proposal is consistent with the RMP regarding smart growth and sustainable economic development, as a public institutional improvement to an existing municipal complex. Management of stormwater from the project area shall be addressed through the HPAA with redevelopment waiver permitting process. The project should be designed to incorporate low impact development techniques where feasible, including stormwater management techniques used for mitigation. Any disturbance and construction activities should be managed to minimize impacts to the surrounding environment.

The Highlands Act allows a waiver of any provision of a Highlands permitting review on a case-by-case basis for a redevelopment proposal, conditioned upon the finding by NJDEP that it meets the requirements of the narrative criteria described in Section 36 of the Act (N.J.S.A 13:20-34). To assist NJDEP, the Council staff concludes that the proposed project meets the waiver criteria, which are addressed as follows:

Requirement	Staff Analysis
would have a de minimis impact on water resources and would not cause or contribute to a significant degradation of surface or ground waters;	The applicant is using an on-site well for water supply and discharging treated wastewater back to ground water with minimal (29% of 765 gpd, or 224 gpd) consumptive uses. Mitigation equal to 125% of the proposed depletive water uses could be achieved through enhanced on-site recharge or retrofit of the existing buildings to the maximum extent feasible. No expansion of a public water supply system is proposed, and no expansion of the existing service area is proposed.
 would cause minimal feasible interference with the natural functioning of animal, plant and other natural resources; 	
 will result in minimum feasible alteration or impairment of the aquatic ecosystem; 	The proposed project entails encroachment into a Highlands Open Waters buffer that is currently disturbed and upgradient from the proposed development. Stormwater

Requirement		Staff Analysis		
	•	regulations must be followed in the project design upon permitting (see response to #7).		
4)	will not jeopardize the continued existence of endangered animal or plant species;	See response to #2		
5)	is located or constructed as to neither endanger human life or property nor otherwise impair public health, safety and welfare;	The proposed Highlands Redevelopment Area is compatible with existing municipal zoning. The site is located in the Existing Community Zone, consistent with the policy of the RMP to promote compatible development and redevelopment within the Existing Community Zone.		
6)	would result in minimal practicable degradation of unique or irreplaceable land types, historical or archaeological areas, and existing public scenic attributes; and	No resources of this type are known to be affected by the project.		
7)	meets all other applicable NJDEP standards, rules, and regulations and State laws.	Compliance with all remaining NJDEP standards will be addressed through the HPAA with redevelopment waiver permit process.		

It is the Highlands Council staff's draft recommendation that the Highlands Council approve the proposed Highlands Redevelopment Area designation with the conditions that:

- the NJDEP Letter of Interpretation/HRAD determines that encroachment into a Highlands Open Waters buffer will occur down gradient from the buffer. Further, the encroachment shall be entirely within a previous disturbed area that would not result in a net impact to the functional value of the buffer in conformance with Policy 1D4 and therefore qualifies for a waiver;
- 2. the applicant commits to provide mitigation equal to 125% of the proposed consumptive water uses through on-site recharge or water conservation practices within the same site or HUC14 subwatershed to the maximum extent feasible, with a waiver allowed for any remaining portion;
- 3. the remainder of the property outside of the proposed Redevelopment Area be protected through a conservation restriction, with recognition of the existing septic system and any utility structures such as stormsewers and wells that may periodically need maintenance or replacement. Regarding the existing septic system, if replacement requires a new location within the conservation restriction area, this should be recognized as eligible for a separate HPAA with public health and safety waiver, with the original septic system area restored; and
- 4. the stormwater regulations must be followed in the project design upon HPAA with redevelopment permitting, as part of the NJDEP permitting process. The Highlands Council expects that under the NJDEP waiver, the applicant shall supply a stormwater management plan that incorporates low impact development techniques and a construction implementation plan that minimizes disturbance during and after construction.

Attachments

- Pre-application meeting notes
- Consistency Determination

Highlands Redevelopment Area Designation Pre-Application Meeting

Date:

February 1, 2010

Time:

9:30 am

Location:

Highlands Council Office in Chester, NJ

Re:

Application for Highlands Redevelopment Area Designation

West Milford Municipal Complex - Block 7903 Lots 13, 14, 15, 16

Attendees:

Highlands Council Staff	Applicant Representatives
Eileen Swan	Bettina Bieri – West Milford Township Mayor
Tom Borden	Douglas Ott - Library Board, Environmental Commission
Dan Van Abs	Gillian Hemstead - Library Board, Environmental
Chris Ross	Commission
	Fred Semrau – Township Attorney
	Mark Denisiuk – Ferriero Engineering Inc.
	Paul Ferriero – Ferriero Engineering Inc., Township
	Engineer

Introduction

The subject properties are Lots 13, 14, 15, and 16 in Block 7903 located between Ridge Road and Union Valley Road in the Township of West Milford, Passaic County. The tract is mostly developed and contains the municipal building which houses the administrative offices and police station. The remainder of the tract includes the municipal ambulance squad building, a small public library, a cell tower site, a small retail store, a small dwelling, and maintained lawn areas. The Township of West Milford wishes to redevelop the western portion of the property with a 25,500-square foot three story public library, associated parking areas, and a new septic disposal system. Another element of the proposed project is the removal of the small retail building and its garage. This area of proposed disturbance is approximately 1.5 acres. The applicant is seeking a Highlands Redevelopment Area Designation from the Highlands Council, and will then apply for a Highlands Preservation Area Approval (HPAA) with redevelopment waiver permit from the NJDEP.

On December 14, 2009, the Highlands Council staff received an application for a Pre-Application meeting for the proposed Highlands Redevelopment Area Designation. The Council staff deemed the application to be administratively complete and a Pre-Application meeting date was mutually agreed upon for February 1, 2010 at the Highlands Council office.

Summary of Meeting

Highlands Council staff used the Highlands Interactive Mapping tool to present the project location on-screen and to assess Highlands resources. The applicant presented the site plan and briefly described the proposed project. The applicant has calculated that the Highlands Redevelopment Area would meet the 70% impervious requirement. Potential resource issues were discussed:

Encroachment into a Highlands Open Waters Buffer – buffer exists for an off-site wetland in the
proposed project area, which is inconsistent with Preservation Area rules (N.J.A.C. 7:38-3.6) and the
Highlands Regional Master Plan (RMP). It was noted that the off-site wetland is disturbed (aerial
mapping shows that the area is an existing ball field). Applicant stated they will be seeking a Letter of

Interpretation/HRAD from NJDEP. If it the wetlands is determined to not exist or have a different delineation than as mapped, the result would be a deletion or modification to the buffer.

- Development in Tier 2 Wellhead Protection Area (WHPA) –Not expected to be an inconsistency
 with the Regional Master Plan, as the discharge of sanitary wastes through a septic system is
 permitted in Tier 2.
- Tier 1 WHPA A discussion ensued about a related Tier 1 Wellhead Protection Area. It was noted that an existing septic system is within Tier 1 this facility is not inconsistent with the RMP unless it is enlarged to accept additional flow. In that case, a waiver would be required. Any conservation restriction imposed through an HPAA should note the potential need for replacement or upgrade of the septic system in the future. At the time of replacement, a separate HPAA with public health and safety waiver may be needed if the replacement septic system is within the Tier 1 WHPA.

In addition, the site plan indicates construction of a bioretention/recharge facility, and it appears that the facility would encroach into the Tier 1 Wellhead Protection Area, which is inconsistent with the RMP. The applicant was not familiar with the well that would be associated with that Tier 1 Wellhead Protection Area – they indicated that they will consult their survey. (Subsequent to the meeting, Highlands Council staff consulted NJDEP data. The well is a listed as a public non-community water supply well – NJDEP well ID 4782.) The applicant may show that the well is not at the location indicated by NJDEP, which would modify the location of the WHPA). If the recharge facility does encroach into the Tier 1 WHPA, the applicant should move the facility out of Tier 1 to the maximum extent feasible, provide justification for any remaining encroachment due to lack of alternatives, and request a waiver from RMP standards. Finally, the new septic system is outside of Tier 1, which is consistent.

- Conservation restriction language should acknowledge the existence of the septic system (as
 discussed above), well and stormsewers, and provide for the ability to repair them as necessary.
- Other Required Waivers:
 - O Impervious surface of greater than three percent of the land area of a lot (N.J.A.C. 7:38-3.5)
 - On a lot that does not contain forest, no more than one individual subsurface disposal system or equivalent disposal unit for each 25 acres of the lot (N.J.A.C. 7:38-3.4(b)(2).

Next steps for the project were discussed. The applicant indicated that they had already submitted a Pre-Application meeting application to NJDEP to expedite the process. Highlands Council staff indicated that it would be beneficial for there to be Highlands Council presence at that meeting to facilitate a coordinated review.

RESOLUTION 2010-3

NEW JERSEY HIGHLANDS WATER PROTECTION AND PLANNING COUNCIL DESIGNATION OF HIGHLANDS REDEVELOPMENT AREA WEST MILFORD MUNICIPAL COMPLEX AND PUBLIC LIBRARY

WHEREAS, the Highlands Water Protection and Planning Act (Highlands Act) has created a public body corporate and politic with corporate succession known as the Highlands Water Protection and Planning Council (Highlands Council); and

WHEREAS, Section 9 and 11 of the Highlands Act, N.J.S.A. 13:20-9.b. and N.J.S.A. 13:20-11.a.(6)(h), specifies that in preparing the Highlands Regional Master Plan (RMP), the Highlands Council may, in conjunction with municipalities in the Preservation Area, identify areas in which redevelopment shall be encouraged and shall identify areas appropriate for redevelopment in order to promote the economic well-being of the municipality, provided that the redevelopment conforms with the goals of the Preservation Area and the Highlands Act, with the rules and regulations adopted by the Department of Environmental Protection (NJDEP), and any area so identified for possible redevelopment shall be either a brownfield site designated by the NJDEP or a site at which at least 70% of the area thereof is covered with impervious surface; and

WHEREAS, Section 35 of the Highlands Act, N.J.S.A. 13:20-33.b.(2), authorized NJDEP to grant a waiver of any provision of a Highlands permitting review on a case-by-case basis for redevelopment in certain previously developed areas in the Preservation Areas identified by the Highlands Council pursuant to Section 9.b. or Section 11.a.(6)(h); and

WHEREAS, the NJDEP had adopted rules at N.J.A.C. 7:38-1.1 et seq. (Highlands Rules) governing the NJDEP's review of projects in the Highlands Region; and

WHEREAS, the Highlands Rules, at N.J.A.C. 7:38-6.4, specifies that as provided for in Highlands Act, the NJDEP may waive any provision of the rules for redevelopment in certain previously developed areas in the Preservation Area identified by the Highlands Council pursuant to the Highlands Act; and

WHEREAS, the Highlands Council prepared and adopted Procedures for Highlands Redevelopment Areas Designation (Procedures) by Resolution 2008-43 dated October 30, 2008; and

WHEREAS, the Applicant, West Milford Township, Block 7903, Lots 13, 14, 15, 16, submitted a Petition for Highlands Redevelopment Area Determination to redevelop the property with a 25,500-square foot three story public library, associated parking areas, and a new septic disposal system; and

WHEREAS, on February 1, 2009, the Highlands Council staff and staff from NJDEP and Council staff met the applicant on-site to evaluate the impervious areas and based on that meeting the applicant submitted revised plans addressing resource concerns and satisfying the impervious surface criteria; and

WHEREAS, the Highlands Council released the Highlands Council Staff Draft Recommendation Report and associated documents dated February 11, 2010 (Draft Recommendation Report) for public comment; and

RESOLUTION 2010-3

NEW JERSEY HIGHLANDS WATER PROTECTION AND PLANNING COUNCIL DESIGNATION OF HIGHLANDS REDEVELOPMENT AREA WEST MILFORD MUNICIPAL COMPLEX AND PUBLIC LIBRARY

WHEREAS, the Highlands Council held a public comment period concerning the proposed Highlands Redevelopment Area Designation commencing February 11, 2010 and ending February 26, 2010; and

WHEREAS, the Highlands Council staff duly considered the Draft Recommendation Report and all public comments; and

WHEREAS, after Highlands Council staff review, staff recommended that the Highlands Council approve the proposed Highlands Redevelopment Area Designation with conditions set forth in the Highlands Council Staff Final Recommendation Report dated March 3, 2010 (Final Recommendation Report);

NOW, THEREFORE, BE IT RESOLVED, the Highlands Council hereby approves of the West Milford Highlands Redevelopment Area Designation with conditions as set forth in the Final Recommendation Report and authorizes the Executive Director to prepare a document so informing the NJDEP of the Highlands Redevelopment Area Designation.

CERTIFICATION

I hereby certify that the foregoing Resolution was adopted by the Highlands Council at its meeting held on the 4th day of March, 2010.

Jack J. Schrier, Acting Chairman

Vote on the Approval of this Resolution	Motion	Second	Yes	No	Abstain	Absent
Councilmember Alstede			/			
Councilmember Carluccio						V
Councilmember Cogger	1		/			
Councilmember Francis			/			
Councilmember Holtaway			V			
Councilmember Kovach			1			
Councilmember Letts		1	/			
Councilmember Richko			/			
Councilmember Vetrano			/			
Councilmember Visioli			1			
Councilmember Schrier			1			



CHRIS CHRISTIE
Governor

KIM GUADAGNO

Lt. Governor

State of New Jersey

Highlands Water Protection and Planning Council 100 North Road (Route 513) Chester, New Jersey 07930-2322 (908) 879-6737 (908) 879-4205 (fax) www.highlands.state.nj.us



JACK SCHRIER
Acting Chairman

EILEEN SWAN

Executive Director

March 9, 2010

Mayor Bettina Bieri Township of West Milford 1480 Union Valley Road West Milford, NJ 07480

Re:

Proposed Highlands Redevelopment Area Designation West Milford Municipal Complex and Public Library Block 7903, Lots 13, 14, 15, 16 West Milford, Passaic County

Dear Mayor Bieri:

On behalf of the Highlands Water Protection and Planning Council (Highlands Council), in accordance with Section 11 of the Highlands Act, the Highlands Regional Master Plan (RMP) and N.J.A.C. 7:38-6.7, please find enclosed a Consistency Determination (CD) and Final Recommendation Report on the above-referenced proposed Highlands Redevelopment Area Designation. These documents are based upon our review of the project file as provided by your consultant and Highlands Council information, relative to the standards and policies set forth in the RMP. The Highlands Council approved a resolution on March 4, 2010 (enclosed) authorizing the Executive Director to provide this CD and Final Recommendation Report to NJDEP on behalf of the Highlands Council. Please be advised that the approval and supporting information have been transmitted to the NJDEP on March 9, 2010.

Please note that no public comments were submitted during the public comment period (which extended from February 11 through February 26, 2010). The Highlands Council approved the West Milford Municipal Complex and Public Library's Highlands Redevelopment Area Designation with conditions as set forth in the Final Recommendation Report.

If you have any questions or comments regarding this matter, please feel free to contact me at (908) 879-6737.

Yours Sincerely,

Eileen Swan

Executive Director

Enclosures:

Consistency Determination Final Recommendation Report Highlands Council Resolution 2010-3

c: Mark Denisiuk, Ferriero Engineering Inc. Thomas Micai, NJDEP Division of Land Use Regulation Debra Maynard, Library Director, Township of West Milford