

**Appendix O – Water Conservation Plans (Scope of Work) for**

**Four Highlands Municipalities:**

**Franklin Borough, Hardyston Twp.**

**Sparta Twp., Vernon Twp.**

Contents of Appendix Attachments

“Statement of Consent” letter from NJ Highlands Water Protection and Planning Council dated April 8, 2013 with requirement of Water Conservation Plans for specific municipalities

“Hamburg Borough” letter from NJ Highlands Water Protection and Planning Council dated July 14, 2017 stating that revised Net Water Availability study shows no deficit for HUC-14 watersheds in Hamburg Borough, and a Water Use and Conservation Management Plan is not required for Hamburg Borough.

“Hardyston Township Highlands Plan Conformance Grant Program, Highlands Region Water Use and Conservation Management Plan, Municipal Scope of Work Requirements”



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)  
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JIM RILEE  
*Chairman*

GENE F. FEYL  
*Executive Director*

APR 10 2013

April 8, 2013

Eric K. Snyder, Planning Director  
County of Sussex  
1 Spring Street  
Newton, NJ 07960

**Subject: Countywide Future Sewer Service Areas for Sussex County  
Statement of Consent – Proposed Amendments to the Sussex County Water  
Quality Management Plan  
All of Sussex County, and portions of Netcong, Roxbury, Jefferson, and  
Mount Arlington**

Dear Mr. Snyder,

Thank you for your letter of December 26, 2012 seeking a statement of consent from the Highlands Water Protection and Planning Council (Highlands Council) on the amendments to the Sussex County Water Quality Management (WQM) Plan. The Highlands Council reviewed the proposed Future Sewer Service Areas (Future SSA) for all of Sussex County and portions of Netcong, Roxbury, Jefferson, and Mount Arlington in Morris County using the GIS shapefiles that were received from the NJ Department of Environmental Protection (NJDEP) on January 4, 2013. In a letter dated March 20, 2013, the NJDEP stated that, pursuant to P.L. 2011, c.201, NJDEP is only requiring the delineation of wastewater service areas, i.e. Future Wastewater Service Area (FWSA) maps, at this time and is not evaluating water supply until a full Wastewater Management Plan (WMP) is submitted to NJDEP for review pursuant to the Water Quality Management (WQM) Planning rules (N.J.A.C. 7:15). **As such, the Highlands Council consents to the adoption of the Future Wastewater Service Area Maps for Sussex County and Morris County as amendments to the Sussex County WQM Plan, with the understanding that when full WMPs for Sussex and Morris Counties are submitted to NJDEP for review, a Water Use and Conservation Management Plan (WUCMP) will need to be adopted for the thirteen (13) deficit HUC 14 subwatersheds across eight (8) municipalities in Sussex County and portions of Morris County (see Objective 2B8c) included in the Sussex County WQM Plan.**

The Highlands Council reviewed the proposed Future Wastewater Service Areas depicted in the proposed amendments to the Sussex County WQM Plan pursuant to the Highlands Regional Master Plan (RMP), the WQM Planning rules at N.J.A.C. 7:15-3.4, 3.10 and 5.22(a)1 and (b), the Highlands Water Protection and Planning Act rules at N.J.A.C. 7:38-1.1(k), and Executive Order (EO) 114 (Corzine). The review includes the two Highlands municipalities that are not petitioning to conform to the Highlands Regional Master Plan (Franklin Borough and Hamburg Borough) and the

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municipalities that are not petitioning in the Planning Area (Green Township, Hardyston Township, Ogdensburg Borough, Sparta Township, and Vernon Township). The review also includes the Morris County municipalities within the Sussex County WQM Plan (Netcong, Roxbury, Jefferson, and Mount Arlington). Byram Township's WMP has been adopted by NJDEP and the Highlands Council will provide Stanhope Borough's and Hopatcong Borough's Highlands WMP. Stanhope's WMP will be drafted subsequent to Highlands Council approval of their pending Petition for Plan Conformance and Hopatcong's WMP after completion of the draft. Please note that the Stanhope Borough, Hopatcong Borough, and Byram Township parcels were not included in the review of the Sussex County WQM Plan GIS files.

As you know, Highlands municipalities that do not pursue Plan Conformance for the Planning Area will address their wastewater planning responsibilities in cooperation with their counties or directly with NJDEP, which in turn will request a Consistency Determination from the Highlands Council. The RMP Water and Wastewater Utilities Program (Objective 2Kc3) states that the Future SSA include all lands in the Existing Sewer Service Area, plus all lands in the Highlands Planning Area identified by the RMP as being within the Existing Community Zone (not including the Environmentally-Constrained Sub-Zone) and the Lake Community Subzone, and also are located within areas identified by the municipality for sewer service.

Our WMP consistency review process aims to achieve an expedited parcel level review in support of a countywide WQM Plan. The Highlands Council staff used the GIS shapefiles to compare the FWSAs of Sussex County, Netcong, Roxbury, Jefferson, and Mount Arlington to the Land Use Capability Zone Map (LUCM) and utilized the geodatabase from the municipal Build Out results (MOD 2) where applicable. The parcel by parcel level review is summarized in the attached Excel spreadsheet.

Both EO 114 and Objective 2B6a of the RMP speak about WUCMPs if an amendment to an Areawide WQM Plan or WMP will directly or indirectly cause or contribute to a Net Water Availability deficit. The RMP objective covers all LUCM Zones, while EO 114 directly identifies the Protection Zone, the Conservation Zone, or the Environmentally Constrained Sub-Zones.

When full WMPs for Sussex and Morris Counties are submitted to NJDEP for review, the thirteen (13) HUC 14 subwatersheds across eight municipalities in Sussex and Morris Counties identified as being in deficit and which have proposed Future Sewer Service Areas in the Protection Zone, the Conservation Zone, or the Environmentally Constrained Sub-Zones, as delineated in the RMP, will need to adopt a WUCMP. The eight municipalities include Hardyston Township, Sparta Township, Vernon Township, Hamburg Borough, Franklin Borough, Jefferson Township, Mount Arlington Borough, and Roxbury Township. The associated subwatersheds are highlighted in yellow in the attached Excel table. The Excel table is split into three tabs: the municipalities in Sussex County with no petition for the Planning Area, the Morris County municipalities within the Sussex County WQM Plan, and the municipalities with no petition for Plan Conformance (only Planning Area) within Sussex County. The full WMP for these municipalities will be consistent when a WUCMP is adopted for the deficit HUC 14 subwatersheds identified in proposed WMP amendments to the Sussex County WQM Plan. The Highlands Council will work with the municipalities that conform for the Preservation Area on a WUCMP.

As noted above, pursuant to P.L. 2011, c.203, NJDEP is only reviewing FWSA mapping at this time. Therefore, the water deficit issues are not relevant to the currently proposed FWSA amendments to the Sussex County WQM Plan and will be addressed when full WMPs for Sussex and Morris Counties are submitted to NJDEP for review by adoption of a WUCMP, which may

include the adoption of Water Conservation Ordinances (Outdoor Water Use, Enhanced Stormwater Management, and Low-Flow fixtures and High Efficiency appliances.

We thank you for the comprehensive work that Sussex County has incorporated into the Future Wastewater Service Area analysis and as always, if you wish to discuss any issue regarding the Sussex County WQM Plan, please feel free to contact me at (908) 879-6737 ext. 101 or via email at [gene.feyl@highlands.state.nj.us](mailto:gene.feyl@highlands.state.nj.us). The WQM Plan amendment review was conducted by our Resource Management Specialist Casey Ezyske, who may be contacted at ext. 7114 or via e-mail at: [casey.ezyske@highlands.state.nj.us](mailto:casey.ezyske@highlands.state.nj.us).

Sincerely,

A handwritten signature in black ink, appearing to read "Gene Feyl". The signature is fluid and cursive, with the first name "Gene" and last name "Feyl" clearly distinguishable.

Gene F. Feyl  
Executive Director

c: (with enclosure)

Nick Angarone, Division of Coastal and Land Use Planning

John Eskilson, Sussex County Administrator

Christine Marion, Morris County Planning Director

Parcel ID	SSN	Municipality	BLOCK	LOT	Parcel Acres	Comments	HUC14 #1	Subwatershed Name #1	Net Water Availability #1 (MGD)	HUC14 #2
309522	1911	Hardyston Tc	14	22.01	148.56	includes env constrained land	02020007010070	Walkkill R(Martins Rd to Hamburg SW Bdy)	-0.71954002252	
321028	1911	Hardyston Tc	14	24.01	158.61	includes env constrained land	02020007010070	Walkkill R(Martins Rd to Hamburg SW Bdy)	-0.71954002252	
309524	1911	Hardyston Tc	16	1.02	102.01	includes env constrained land	02020007040010	Black Ck(above/incl G.Gorge Resort trib)	-0.49667767276	
309545	1911	Hardyston Tc	16	2.01	12.97	includes env constrained land	02020007040010	Black Ck(above/incl G.Gorge Resort trib)	-0.49667767276	
300698	1911	Hardyston Tc	16	3.03	3.52	includes env constrained land	02020007040010	Black Ck(above/incl G.Gorge Resort trib)	-0.49667800000	02020007010070
299974	1911	Hardyston Tc	16	3.05	3.74	includes env constrained land	02020007010070	Walkkill R(Martins Rd to Hamburg SW Bdy)	-0.71954000000	02020007040010
299969	1911	Hardyston Tc	16	3.06	4.20	includes env constrained land	02020007010070	Walkkill R(Martins Rd to Hamburg SW Bdy)	-0.71954002252	
299972	1911	Hardyston Tc	16	3.07	4.86	adjacent to ECZ and/or LCZ	02020007040010	Black Ck(above/incl G.Gorge Resort trib)	-0.49667800000	02020007010070
300757	1911	Hardyston Tc	16	6.01	32.62	includes env constrained land	02020007010070	Walkkill R(Martins Rd to Hamburg SW Bdy)	-0.71954000000	02020007040010
299892	1911	Hardyston Tc	16	8.01	5.81	adjacent to ECZ and/or LCZ	02020007040010	Black Ck(above/incl G.Gorge Resort trib)	-0.49667800000	02020007010070
300496	1911	Hardyston Tc	16	8.03	16.49	includes env constrained land	02020007010070	Walkkill R(Martins Rd to Hamburg SW Bdy)	-0.71954000000	02020007040010
301882	1911	Hardyston Tc	62	18.01	3.40	includes env constrained land	02020007010040	Walkkill R(Hamburg SW Bdy to Ogdensburg)	-0.75403489861	
301970	1911	Hardyston Tc	62	18.05	2.76	includes env constrained land	02020007010040	Walkkill R(Hamburg SW Bdy to Ogdensburg)	-0.75403489861	
301878	1911	Hardyston Tc	62	18.12	3.21	includes ECZ and/or LCZ	02020007010040	Walkkill R(Hamburg SW Bdy to Ogdensburg)	-0.75403489861	
301298	1911	Hardyston Tc	62	18.16	3.64	includes env constrained land	02020007010040	Walkkill R(Hamburg SW Bdy to Ogdensburg)	-0.75403489861	
7000701	1911	Hardyston Tc	62	34.06	3.02	includes env constrained land	02020007010070	Walkkill R(Martins Rd to Hamburg SW Bdy)	-0.71954002252	
7000681	1911	Hardyston Tc	62	34.07	3.46	includes env constrained land	02020007010070	Walkkill R(Martins Rd to Hamburg SW Bdy)	-0.71954002252	
7000699	1911	Hardyston Tc	63	1.01	40.44	includes env constrained land	02020007010070	Walkkill R(Martins Rd to Hamburg SW Bdy)	-0.71954002252	
7000842	1911	Hardyston Tc	67	2.01	78.27	includes env constrained land	02020007010060	Beaver Run	0.00780400000	02020007010070
299867	1911	Hardyston Tc	67	16.03	5.58	includes env constrained land	02020007010070	Walkkill R(Martins Rd to Hamburg SW Bdy)	-0.71954002252	
299843	1911	Hardyston Tc	67.05	1	12.38	includes ECZ and/or LCZ	02020007010070	Walkkill R(Martins Rd to Hamburg SW Bdy)	-0.71954002252	
7000666	1911	Hardyston Tc	67.29	1	14.50	includes env constrained land	02020007010070	Walkkill R(Martins Rd to Hamburg SW Bdy)	-0.71954002252	
7000608	1911	Hardyston Tc	67.30	1	14.82	includes env constrained land	02020007010070	Walkkill R(Martins Rd to Hamburg SW Bdy)	-0.71954002252	
99019215	1918	Sparta Towns	19.01	5	1.05	includes env constrained land	02020007010010	Walkkill R/Lake Mohawk(above Sparta Sta)	-0.72702137527	
99022947	1918	Sparta Towns	19.03	48	33.71	includes env constrained land	02020007010010	Walkkill R/Lake Mohawk(above Sparta Sta)	-0.72702137527	
99026776	1918	Sparta Towns	26	42	24.40	includes env constrained land	02040105040050	Sparta Junction tribs	-0.80249197122	
99022396	1918	Sparta Towns	31	1	38.66	contains Transportation Score >=	02040105040050	Sparta Junction tribs	-0.80249197122	
99022391	1918	Sparta Towns	31	1.01	27.90	includes env constrained land	02040105040050	Sparta Junction tribs	-0.80249197122	
315773	1922	Vernon Town	141	8	1.04	includes env constrained land	02020007040020	Black Creek (below G. Gorge Resort trib)	-0.17615971411	
312219	1922	Vernon Town	142	2	0.84	includes env constrained land	02020007040020	Black Creek (below G. Gorge Resort trib)	-0.17615971411	
314872	1922	Vernon Town	142	3	0.92	includes env constrained land	02020007040020	Black Creek (below G. Gorge Resort trib)	-0.17615971411	
310928	1922	Vernon Town	142	10	2.02	adjacent to ECZ and/or LCZ	02020007040020	Black Creek (below G. Gorge Resort trib)	-0.17615971411	
11029992	1922	Vernon Town	183	11.03	0.81	includes env constrained land	02020007040020	Black Creek (below G. Gorge Resort trib)	-0.17615971411	
11030002	1922	Vernon Town	183	15	44.84	includes env constrained land	02020007040020	Black Creek (below G. Gorge Resort trib)	-0.17615971411	
312825	1922	Vernon Town	231	9	56.26	includes env constrained land	02020007040010	Black Ck(above/incl G.Gorge Resort trib)	-0.49667767276	
310134	1922	Vernon Town	231	14	13.37	includes env constrained land	02020007040010	Black Ck(above/incl G.Gorge Resort trib)	-0.49667767276	
305968	1922	Vernon Town	233.01	2	1.20	contains Transportation Score >=	02020007040010	Black Ck(above/incl G.Gorge Resort trib)	-0.49667767276	
305510	1922	Vernon Town	233.04	8	0.52	adjacent to ECZ and/or LCZ	02020007040010	Black Ck(above/incl G.Gorge Resort trib)	-0.49667767276	



State of New Jersey

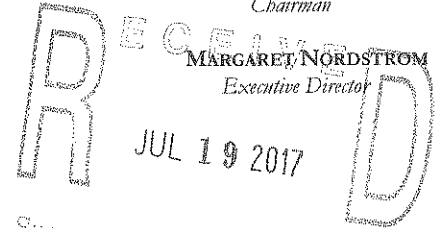
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CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

JIM RILEE
Chairman



July 14, 2017

Sussex County Planning Division

Alice Brees, PP, AICP, Principal Planner
County of Sussex
1 Spring Street
Newton, NJ 07960

Subject: Hamburg Borough Water Use and Conservation Management Plan

Dear Ms. Brees,

Please accept this letter as an update of our letter dated April 8, 2013 regarding our consent to the adoption of the Future Wastewater Service Area maps. Our consent stated that when full Wastewater Management Plans for Sussex and Morris Counties are submitted to NJDEP for review, Water Use and Conservation Management Plans would need to be adopted for the thirteen (13) deficit HUC14 subwatersheds across eight (8) municipalities in Sussex County and portions of Morris County (see Objective 2B8c) included in the Sussex County Water Quality Management Plan.

As part of the compliance with that condition, the Highlands Council and Hardyston Township have worked towards refining and revising the Net Water Availability numbers as part of the municipal-wide Water Use and Conservation Management Plan for Hardyston Township. Two of the HUC14 subwatersheds situated partially in Hardyston also completely encompass Hamburg Borough. The revised Net Water Availability calculations indicate that these two HUC14 subwatersheds are currently not in a deficit condition as previously reported. As a result, Hamburg Borough is not required to develop a Water Use and Conservation Management Plan in order to satisfy EO114 and associated RMP policies and objectives.

We thank you for the comprehensive work that Sussex County has incorporated into the Future Wastewater Service Area analysis and as always, if you wish to discuss any issue regarding the Sussex County Water Quality Management Plan, please feel free to contact me at (908) 879-6737 ext. 101 or via email at margaret.nordstrom@highlands.nj.gov. The Water Quality Management Plan amendment review was conducted by our Resource Management Specialist Casey Ezyske, who may be contacted at ext. 113 or via e-mail at: casey.ezyske@highlands.nj.gov.

Sincerely,

[Handwritten signature of Margaret Nordstrom]

Margaret Nordstrom
Executive Director

c: Collen Kokas, Director, NJDEP-WRM Operations & Coordination

**Hardyston Township, Sussex County**  
**Highlands Plan Conformance Grant Program**  
**Highlands Region Water Use and Conservation Management Plan**  
**Municipal Scope of Work Requirements**

This scope of work (SOW) outlines the tasks required to develop and implement one of the Plan Conformance resource management plans required by the Regional Master Plan (RMP) for conforming towns in the Highlands Region.

The Highlands Council has authorized grant funding for the municipality in its Highlands Implementation Plan and Schedule in an amount not to exceed **\$80,000** to develop and implement a municipal-wide Water Use and Conservation Management Plan (WUCMP). The relevant tasks, schedule, and deliverables needed in the SOW are outlined below. The associated budget with each task has not been completed, as each municipality will need to calculate those costs independently. These represent the items needed to develop and implement a WUCMP, but does not anticipate every task that a municipality might undertake in this endeavor. The municipality is permitted to include additional tasks if they are relevant to the development and implementation of the WUCMP.

**Overview**

Conformance with the RMP is intended to align municipal and county plans, regulations and programs with the goals, policies, and objectives of the RMP, including preservation of the availability and quality of the surface water and ground water resources throughout the Highlands Region.

The Highlands Regional Master Plan (RMP) requires that conforming municipalities develop a WUCMP that reflects the policies and objectives of the RMP. Specifically, conforming municipalities are required to develop Water Use and Conservation Management Plans “that will set priorities for the use of available water . . . and will establish methods to reduce and, where feasible, eliminate deficits where they exist.” Implementation of the WUCMP will require extensive cooperation among the municipal governing body, significant water users and the Highlands Council.

**Component I – Kickoff/Reevaluation of Net Water Availability**

*As the development of a WUCMP involves much effort, planning and expertise, the municipality should select a project team from municipal staff and/or consulting professionals.*

*During development of the RMP, the Highlands Council conducted a net water availability analysis at a HUC14 subwatershed level, to determine the amount of water required to protect aquatic ecological integrity and the amount that is available for consumptive and depletive uses. This analysis was largely based on 2003 water use data, the best available data at the time. The Highlands Council has since refined its methodology and obtained more recent water demand data. The first critical step in the WUCMP planning process is to update net water availability calculations with available data using the refined methodology*

- Task 1. Assemble Project Team. The municipality will designate a working project team for the WUCMP project. This shall include the professionals assigned by the municipality to complete the project, municipal staff with knowledge relevant to the preparation of the study (engineer, planner, public works, etc.), a representative from the Highlands Council, and as needed the professionals responsible.

Task 2. Kickoff Meeting. Prior to commencement of work on the project, the project team and Highlands Council staff will have a kickoff meeting to discuss project goals and objectives. Expectations regarding communications, deliverables, and schedule will be discussed.

Task 3. Reevaluation of Net Water Availability (by Highlands Council Consultant). The deficit/surplus status for each of the 13 subwatersheds in Hardyston Township will be recalculated as part of this project using the Highlands Council's updated methodology. The procedure is complex and time-consuming, so the Highlands Council has hired a consultant that is familiar with the process. A portion of Hardyston's WUCMP grant funding will be dedicated to the consultant for this task. The subwatersheds (listed by HUC14 #) to be included in this study area will be as follows:

0202007010020	0202007040010
02030103030010	2030103050010
02030103050020	02030103050030
02030103050040	02040105040040
0202007010030	0202007010040
0202007010050	0202007010060
0202007010070	

The Highlands Council has solicited a quote for this task, and will be shown in the budget line item. The municipality will not be responsible for any overages that occur on this task.

Task 4. Review of Net Water Availability Results (By Municipality) After delivery of the net water availability results, the municipality may review and become familiar with the information. Questions and comments will be returned to the Highlands Council for verification/explanation by the Highlands' consultant.

Schedule: **Task 1: September 2016**  
**Task 2: September 2016**  
**Task 3: TBD by Highlands Council and Consultant**  
**Task 4: Dependent on Completion of Task 3 – Estimated December 2016**

Budget: Hardyston Twp. (Task 1, 2, 4): **\$8,000**  
In house staff  
Carrine Piccolo-Kaufer, P.P., AICP - \$2,500  
Marianne Smith, Township Manager - \$500  
Consulting Engineer  
Guerin & Vreeland Engineering - \$5,000 (Tasks 2 & 4 – 40 hours @ \$125/hr)

CDMSmith (Task 3): **\$22,000 (by solicitation of quote by Highlands Council)**

Deliverables: Highlands Council will provide to Hardyston Township a completed chapter (equivalent to the section *Analysis of Net Water Availability* in the model WUCMP documents) with Net Water Availability results and associated tables for the 13 subject

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HUC14 subwatersheds. The chapter will be suitable to be inserted in the Township's draft WUCMP document.

## **Component II – Development of Water Use and Conservation Management Plan**

*The standards set forth in the RMP aim to limit increases in net consumptive/depletive uses so that deficits in subwatersheds are not created nor exacerbated. The RMP also mandates that municipalities, working with utilities and other interested stakeholders, develop a Water Use and Conservation Management Plan. The primary purpose in development of a Water Use and Conservation Management Plan is to reduce, and where feasible, eliminate deficits.*

### **Task 1. Review WUCMP model documents**

The Highlands Council has prepared several model WUCMPs under its pilot program. Relevant WUCMPs will be reviewed and serve as a model document for the Hardyston municipal-wide WUCMP.

### **Task 2. Review water use data patterns and target users.**

In order to understand the water deficit drivers, water use data supplied by the Highlands Council will be reviewed. These data will be supplemented by Hardyston Township from available water allocation permits, including significant water users. These target users will be identified in the WUCMP.

### **Task 3. Development of WUCMP document**

After collaboration with the Highlands Council, a municipal-wide WUCMP document will be developed. The pilot program WUCMP documents posted on the Highlands Council website will serve as a model for the Hardyston WUCMP. The document will incorporate the selected mitigation strategies and targets to address HUC14 deficits or maintain surpluses.

### **Task 4. Identify mitigation targets and strategies**

Based on the preceding analysis of water use patterns and significant users, deficit mitigation targets for the subject HUC14s will be selected. A meeting with Highlands Council staff at this juncture is appropriate.

### **Task 5. Revise document based on comments received from Highlands Council. Finalize document and receive Highlands Council approval prior to local adoption by the governing body.**

**Schedule: January 2017 – January 2018 (dependent upon completion of Component 1, Task 3)**

**Budget:** Hardyston Township (Tasks 1- 5): **\$36,600**  
In house staff  
Carrine Piccolo-Kaufer, P.P., AICP - \$5,500  
Marianne Smith, Township Manager - \$1,100  
Consulting Engineer  
Guerin & Vreeland Engineering - \$30,000 (Tasks 1-5 – 240 hours @ \$125/hr)

### **Deliverables:**

- Draft outline of the WUCMP submitted for approval
  - Deficit mitigation targets, strategies and timelines for implementation in consultation with Highlands Council.
  - Provide electronic copy of adopted document to Highlands Council.
-

### **Component III – WUCMP Next Steps and Implementation**

*The WUCMP should identify real management strategies that can help ameliorate such water deficits or potential impacts on water supply source areas. After the WUCMP is drafted and approved, the municipality will begin the implementation of those strategies, including identifying a responsible lead entity, setting forth a schedule, and identifying possible funding mechanisms (if applicable).*

Task 1. The adopted WUCMP will include mitigation strategies as action items to address deficits in the subject HUC14s. The WUCMP will also typically include short-term (< 3yrs.) and long-term goals (3 yrs.+) for implementation of those actions. After municipal adoption of the WUCMP, the municipality will identify funding requirements and a schedule for implementation of the WUCMP mitigation strategy goals.

Schedule: **January 2018 – June 2018**

Budget: Hardyston Township (Task 1): **\$4,200**

In house staff

Carrine Piccolo-Kaufer, P.P., AICP - \$1,500

Marianne Smith, Township Manager - \$200

Consulting Engineer

Guerin & Vreeland Engineering - \$2,500 (20 hours @ \$125/hr)

Deliverables:

- Schedule for implementation of mitigation strategies.
  - Lead entity for the implementation of the mitigation strategy.
  - Funding requirements and proposed funding sources.
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## Plan Conformance Implementation Grant Program Scope of Work Requirements (Non-TDR Grants)

Scopes of Work submitted to the Highlands Council in support of a municipal or county Plan Conformance Grant must specify the master plan and/or regulatory provision(s) proposed for development or modification, the steps needed (including background studies) to complete the initiative(s), and how the resulting deliverables will further the municipal or county effort toward achieving Plan Conformance.

### ELIGIBILITY

Eligibility for funding under the Highlands Council Plan Conformance Grant Program requires and will be evaluated based on Applicant responses to the following.

- A. Funding provided under this grant will be used to provide the following grant deliverable(s) (select all applicable):

(X)	Plan Conformance Grant Deliverables
	1. Complete background study/studies and/or data collection needed to develop or modify one or more components of a municipal/county master plan or of the jurisdiction's regulatory provisions, to further its/their consistency with the RMP.
X	2. Develop or modify a municipal/county master plan component (inclusive of resource management plans, sustainable economic development plans, etc.) to further its consistency with the RMP.
	3. Develop or modify a municipal/county regulatory enactment (including policy enactments governing municipal or county owned/operated lands or facilities) to further its consistency with the RMP.
	4. Develop or modify a municipal/county master plan or regulatory component pursuant to a guidance document provided by the Highlands Council to achieve/further its consistency with the RMP.

- B. Specify study/studies and/or data collection proposed:  
Water Use Data, Net Water Availability Study by HUC14
- 

- C. Specify master plan component(s) to be developed or modified:  
Water Use and Conservation Management Plan
- 

- D. Specify regulatory provision(s) to be developed or modified:  
N/A subject to mitigation strategies proposed in WUCMP
- 
-

E. Specify applicable Highlands Council guidance materials:

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F. Grant deliverable(s) will further the consistency of the municipal/county master plan or regulatory enactments with respect to the following policy areas of the RMP (select all applicable):

(X)	RMP Policy Areas
X	1. Highlands Resource Protection/Enhancement
	2. Sustainable Economic Development
	3. Smart Growth, Compact Development
	4. Transportation/Circulation Planning
	5. Highlands Center
	6. Highlands Redevelopment Area
	7. Agricultural Preservation/Retention
	8. Land Preservation/Stewardship
X	9. Water Use & Conservation/Management
	10. Water Quality Protection/Management
	11. Wastewater Management
	12. Stormwater Management
	13. Stream Corridor Protection/Management
	14. Lake Management
	15. Forest Resource Protection/Management
	16. Critical Habitat Protection/Management
	17. Carbonate Rock Management
	18. Steep Slope Protection/Management
	19. Septic System Management
	20. Easement Inventory/Monitoring/Management
	21. Fair Share Housing Plan Development/Modification per FHA
	22. Community Facilities Planning
	23. Historic/Scenic Resource Preservation/Management
	24. Cluster Development Planning
	25. Low Impact Development Planning
	26. Other (specify):

**GRANT FINANCIAL AND PERFORMANCE REPORTING**

In accordance with the Highlands Council Grant Program Section XIX. The following grant conditions are required.

A. The Grantee is required to submit a final deliverable at the conclusion of each completed task deliverable.

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- B. The Grantee shall submit interim performance quarterly reports as prescribed by the Highlands Council; however, the reporting time frame may be modified with approval from the Highlands Council and shall not be required less frequently than annually.
- C. Extensions to reporting and deliverable due dates may be granted upon written request to the Highlands Council.
- D. If reports are not submitted as required, the Highlands Council may, at its discretion, suspend payments on this grant. The State of New Jersey may, at its discretion, take such action to withhold payments to the Grantee on this or any grant with other State agencies until the required reports/deliverables have been submitted.

#### **HIGHLANDS COUNCIL QUARTERLY REPORTING REQUIREMENTS**

Quarterly Reports shall include the current status of each task activity; the budget details including a percent complete status; anticipated task results for the next 90 days; and comments or concerns. Please note completed task do not need to be included in the quarterly reporting details. The quarterly report shall be submitted to the Highlands Council Liaison on an agreed upon schedule and format.

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