



Estado Libre Asociado de Puerto Rico
Gobierno Municipal de Vega Alta

Isabelo Molina Hernández
Alcalde

September 11, 2007

Carl Axel P. Soderberg
Director
Caribbean Environmental Protection Agency
Multi-Media Permits and compliance Branch
Centro Europa Building, Suite 417
1492 Ponce de León Ave.
San Juan, Puerto Rico 00907

**RE: Notice of Intent for General Permit for Discharges from
Small Municipal Separate Storm Sewer Systems**

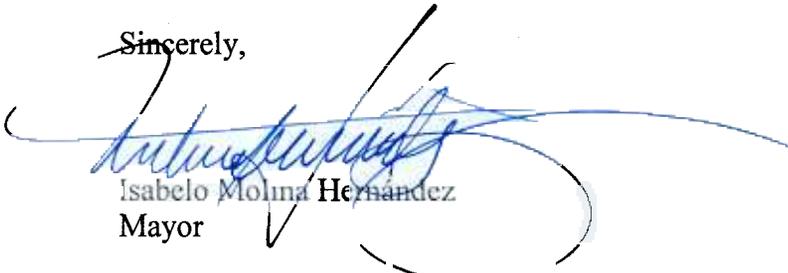
Dear Mr. Soderberg:

The Municipality of Vega Alta submits this application for coverage under the NPDES general Permit No. PRR040000 issued on November 6, 2006 by EPA for Storm Water Discharges from Small MS4s, in urbanized areas.

This application follows the format provided in the document a "EPA Region 2 NPDES Permit applications Form Regulated Small Municipal Separate Storm Sewers Systems (MS4s) in EPA'S Jurisdiction within Puerto Rico" issued by EPA on February 2003.

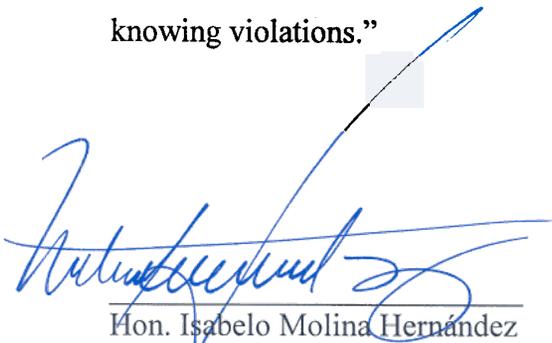
If you need more information, you can contact Mrs. Lynnette I. Vázquez Canales, Director of Planning and Development Office at (787) 883-5900, ext. 298 and 245.

Sincerely,


Isabelo Molina Hernández
Mayor

CERTIFICATION

“I certify under the penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I’m aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”



Hon. Isabelo Molina Hernández
Mayor

9-13-2007
Date

Notice of Intent
General Permit for Discharges from Small Municipal Separate Storm
Water for Sewer Systems
National Pollutant Discharge Elimination System

The Municipality operates a separate storm sewer system located in Vega Alta, Puerto Rico.

2. The location of the facility for which the application is submitted and the person responsible is:

Hon. Isabelo Molina Hernández
Mayor
Municipality of Vega Alta
PO Box 1390
Vega Alta, Puerto Rico 00692
(787) 883-5900, Ext. 604

3. Standard Industrial Classification (SIC) code that reflect the Service Provided by the facility. The SIC Code established by the federal Office of Management and Budget for Public Administration for local government activities is 9199.
4. Vega Alta is a government Public entity under the common wealth of Puerto Rico, its technical staff contact for the Municipal operator of the storm water sewer system is:

Mr. Víctor N. Marrero Vázquez
Director
Public Works Department
Municipality of Vega Alta
PO Box 1390
Vega Alta, Puerto Rico 00692
(787) 883-5622

Also the name of the person responsible for the preparation of this document is:

Mrs. Lynnette I. Vázquez Canales, PLP
Director
Planning and Development Office
Municipality of Vega Alta
PO Box 1390
Vega Alta, Puerto Rico 00692
(787) 883-5900, ext. 298 and 245

5. The list of permits or construction approvals in the Municipal Territory on 2006 - 2007 have requested from specific federal and state agencies. We are waiting response from the following agencies: Environmental Quality Board, Natural Resources and Environmental Department. The Appendix C includes copies of the letters requesting information on granted permits. Vega Alta does not generate, treats or disposed hazardous waste, has no permit under the Resource conservation or Recovery act the Municipality does not own or operate a waste water fragment unit or a Potable Water Plant; has not NPDES Permit.
6. The Municipality's topographic map is not available, at this moment. The same is being prepared and will be available by December 2007. In the Appendix A of this document we are including a series of Hydrographic Maps of the Municipality of Vega Alta which includes the creeks, and rivers, and the facilities of Aqueduct and Sanitary Systems by diameter operated by the Puerto Rico Aqueduct and Sewer Authority.
7. Description of the Municipality of Vega Alta.

General Description

The Municipality of Vega Alta is located on the northern coast of Puerto Rico, delimited by the Atlantic Ocean in the North, the municipalities of Morovis and, Corozal by the South, again with the Municipality of Vega Baja by the West and with the Municipality of Dorado and Toa Alta by the East. Vega Alta is part of the San Juan Metropolitan Region, about 18 miles east from the capital city of San Juan. It is constituted by eight "Wards": Bajura, Candelaria, Cienegueta, Espinosa, Maricao, Mavilla, Sabana and Vega Alta downtown.

The Municipal surface is comprised of 72.8 square kilometers, the equivalent to 28 square miles. The Vega Alta population was of 37,910 inhabitants according to the Census of 2000. The population density was 1,363 per square mile of land. Most of them are concentrated in the North Area along the Atlantic Ocean Sabana's ward and to the geographical area along the corridor of road PR #2 Espinosa's ward where

the Central Business and Service District is located. These could be explained since Sabana is the only coastal ward and has been Urbanized by Developments Associated to coastal (tourist) land uses, while Espinosa contains most of the Suburban Development Associated to the traditional urban center .

The most important economic sectors in Vega Alta are the Services and the Construction sectors.

Natural Resources and Environment

As a Summary, Vega Alta is part of two of main water sheads. By the West side of Vega Alta flows from South to North the Cibuco River, which is born in the East side of Cuchillas Ward in the Municipality of Corozal which covers 35.53 kilometers equals to 22 miles. Also through the Municipality Flows, Mavilla River, Indio River and Honda creek. In the East side of Vega Alta flows the Lajas River who is part of the La Plata River hidrograpy. The Municipality of Vega alta has abundance of minerals that are utilized for construction as the stone, sand and gravel. In accordance with the United States Geological (USGS) Soils Maps, the soils of the Municipality are formed by residues of basic volcanic rock and by alluviwm, product of the deposition of the sediments of the Rio Cibuco.

8. The estimated square mileage served by the MS4 was 9.5.

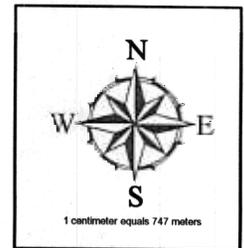
9 & 10. The descriptions of the best management practices or to be implemented and measurable goals established by the Municipality are detached in the Appendix B, for the Storm Water Program. At the date of this Submission, the Program is under the Development Process. Enclosed you will find draft of the document that we working, In.

11. The person responsible for coordinating the Municipality of Vega Alta Storm Water Management Program is:

Mr. Víctor N. Marrero Vázquez
Director
Public Works Department
Municipality of Vega Alta
PO Box 1390
Vega Alta, Puerto Rico 00692
(787) 883-5622

**Notice of Intent NPDES General Permit
Municipality of Vega Alta**

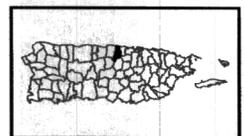
A p p e n d i x A



Legend

-  Creeks & Rivers
-  Boundary

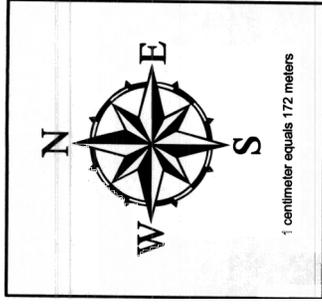
Source of Information: JPPR, CRIM



Notes that apply to map:
 Map consists of Aqueduct System for the municipality of Vega Alta, Legend will display pipes diameter in color.

Hydrography Map of Vega Alta





Legend

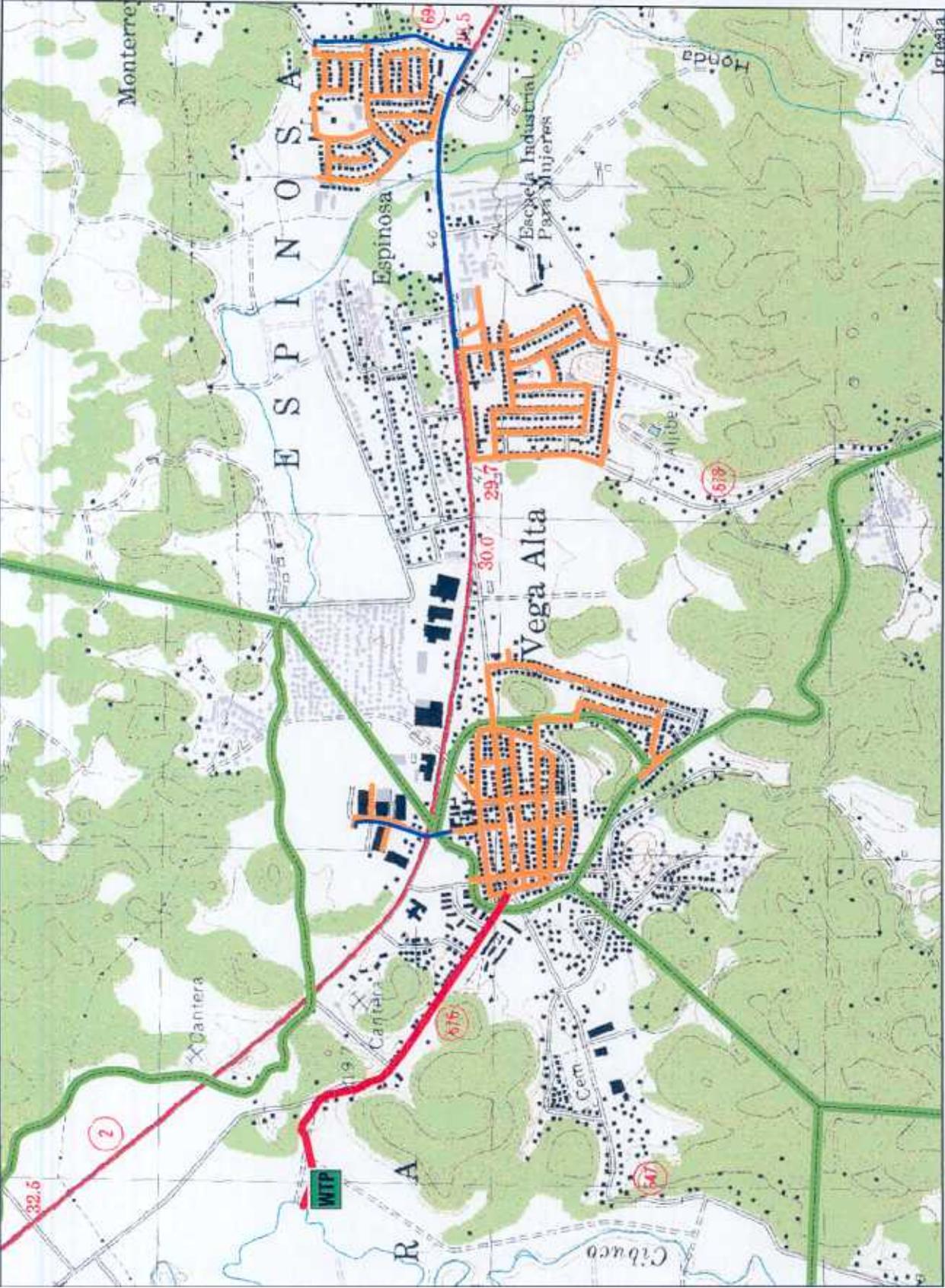
Sewer Diameter

- 6 inches
- 8 inches
- 10 inches

WTP Water Treatment Plant

Boundary

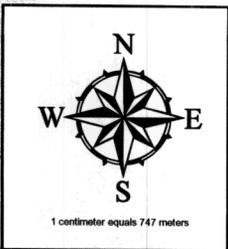
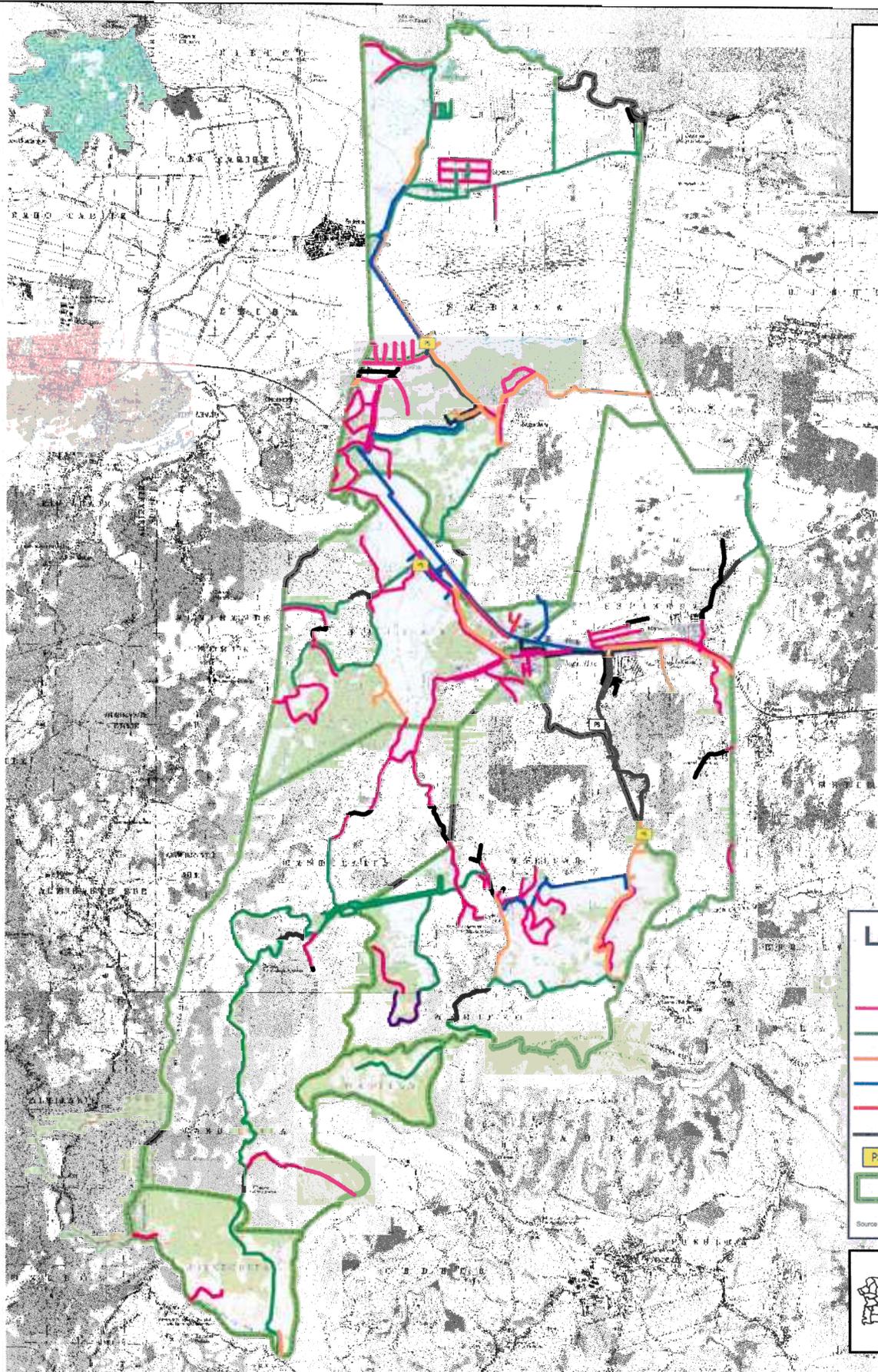
Source Information: JPPR, CRM



Sanitary System Map of Vega Alta

Notes that apply to map:

Map consists of the Sanitary System for the Municipality of Vega Alta. The Legend will display pipes diameter in color.

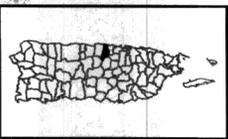


Legend

Diameter

- 2 inches
- 4 inches
- 6 inches
- 8 inches
- 10 inches
- 12 inches
- PS Water Pump
- Boundary

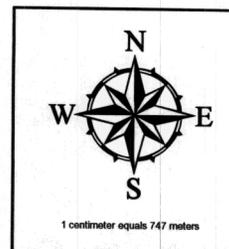
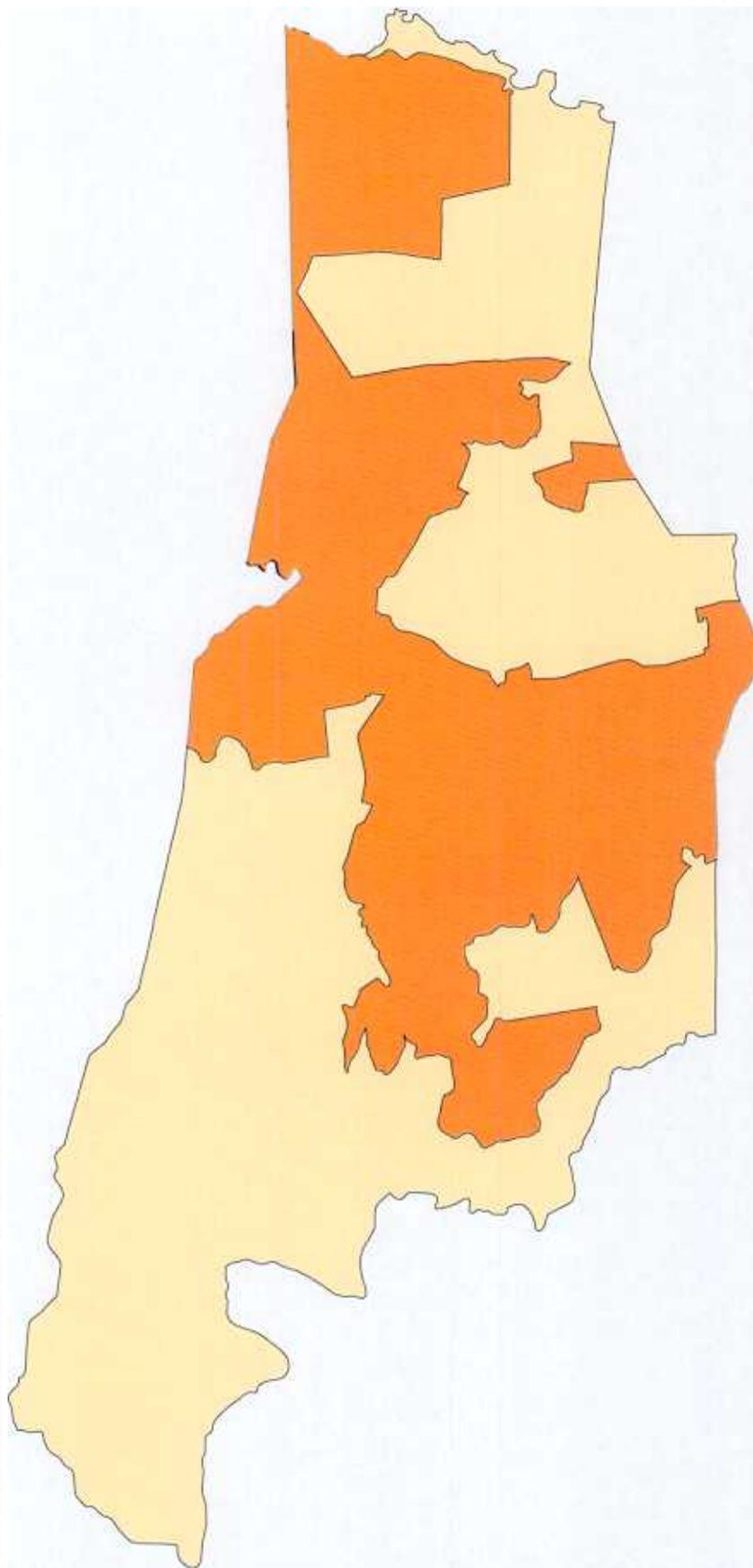
Source of Information: JPPR, CRIM



Notes that apply to map:
 Map consists of Aqueduct System for the municipality of Vega Alta, Legend will display pipes diameter in color.

Aqueduct System Map of Vega Alta

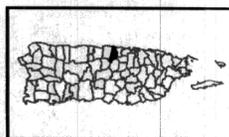




Legend

-  Limits of Urban Area
-  Limits of Rural Area

Source of Information: JPRR, CRIM



Notes that apply to map:

Map consists of the boundaries of the Urban and Rural Area for the Municipality of Vega Alta

Urban Area of Vega Alta



**Notice of Intent NPDES General Permit
Municipality of Vega Alta**

A p p e n d i x B

Six Storm Water Minimum Control Measures

Storm water minimum control measure	Goals	Best Management Practices (BMP)	Strategies	Indicators	Dateline
<p style="text-align: center;">Measure # 1 Public Education and Outreach</p>	<p style="text-align: center;">Increase residential and commercial awareness of nutrient and contaminants runoff and encourage behaviors that will reduce nutrient pollution in local streams and lakes</p>	<p style="text-align: center;">Municipal Outreach Programs</p>	<p>Develop a presentation of the storm water runoff and give it to the communities' boards, schools, Municipal Offices, and Municipality, news paper, radio program, other groups. This presentation also will be in the future website of the Municipality of Vega Alta, press Department</p>	<p style="text-align: center;"># of people impacted</p>	<p style="text-align: center;">Presentation by July,2008 Staff Training February 2009</p>
			<p>Train the staff of the Environmental Control Department and Emergency management Department, Planning and Development and public works Department Office to instruct people in these matters.</p>		
		<p style="text-align: center;">Educational Displays, Pamphlets, Booklets, Bill Inserts</p>	<p>Develop a brochure with information of storm water runoff which include information o proper disposal of household hazardous and wastes water conservation practices for homeowners.</p>		
		<p style="text-align: center;">Storm water Outreach materials</p>	<p>Print posters with general information to be distributed to the commercial offices and establishments.</p>	<p style="text-align: center;"># of Commercial and establishment impacted</p>	<p style="text-align: center;">Posters by July 2008</p>

Six Storm Water Minimum Control Measures

Storm water minimum control measure	Goals	Best Management Practices (BMP)	Strategies	Indicators	Dateline
Measure # 2 Public Participation / Involvement	Promote public participation on environmental activities and offer opportunities to participate in the Storm Water Management Program.	Reforestation Programs	Develop a Clean and Green Vega Alta Program. Identifying areas in the Municipality that need reforestation. Involve the communities around these areas and environmental groups to participate in the Program.	# of acres of land reforested	Identifying areas by February 2009 Reforestation Program through five years of permit.
			To set up the alliance with DNRE to expand the Program and combine it with the State Program Green 100 X 35.	# of trees to be planted	
		Stream Cleanup	Develop an agenda in coordination of Environmental Control Department to establish the routes and schedule to implement the Stream Cleanup Program under Clean and Green Vega Alta Program.	# meter of stream cleanup	Agenda by February 2008
			Acquire the equipment necessary to performance these operations.		
		Adopt a Stream Program	Identifies the communities near the water bodies to promote environmental activities.	# of groups in the Program	July 2010
			Invites another groups such as Boys and girls Scouts, and Environmental Groups to participate of the Stream Program.		
			Promote in the neighbors of those communities through their boards to adopt the section of the stream that goes by their communities.		
Develop Presentations to inform people how they will adopt a stream and what it involve.					
Watershed Organizations	Basin developed by Center for Watershed Protection.	# of meetings assisted	Every year		

Six Storm Water Minimum Control Measures

Storm water minimum control measure	Goals	Best Management Practices (BMP)	Strategies	Indicators	Dateline
Measure # 3 Illicit Discharge Detection and Elimination	Develop an effective Illicit Discharge Program to improve the quality of the receiving waters.	Develop a storm water sewer system map.	Get digital information from developers about their residential, commercial and industrial projects. Draw up the storm water sewer from the older residential complex whos information is not available using GPS and GIS mapping tools. Combine both kinds of information in one layer of information. Create an Ordinance that enforce the developers give the storm water lines of new projects in digital form to the Municipal Planning Office.	% storm water sewer draw up on GIS layer	July 2008 With available information
		Implement the ordinance prohibiting illicit discharges.	Strict Implement of the Seccion 4.06 of Public Law and Order code Municipality of Vega Alta. Training of the Municipal Police in the environmental section of the Code.	# of tickets issued	Training May 2008
		Develop a plan to detect and address these illicit discharges.	Coordinate with Environmental Control Department Emergency Management Department an agenda to develop routes to detect illicit discharges. Coordinate with Municipal Police to enforce people to correct the illicit discharge and modification their behavior.	# of illicit discharge detected Vs # illicit discharge corrected	Discharge Detection October 2009 Discharge Correction October 2011
Measure # 4 Construction site runoff Control	Develop measures to reduce pollutants in storm water runoff from construction sites. Reduce significantly the impact of polluted storm water runoff in rivers, lakes and estuaries.	Procedures for reviewing construction site plans	Training the personal of Public Works and Planning Office in the requirements of storm water constructions sites. Required an NPDES Permit for all construction sites over one (1) acre in the Municipality.	# of employes trained	May 2008
		Procedures for inspections and enforcement of storm water requirements at construction sites.	To emphasize in the Public works Office inspect the proper fulfillment of the permits of every new residential,, commercial and industrial project.	Monthly Report of Public Works	Monthly Report

Six Storm Water Minimum Control Measures

Storm water minimum control measure	Goals	Best Management Practices (BMP)	Strategies	Indicators	Dateline
Measure # 5 Post-Construction Runoff Control	Reduce imperviousness on new developments using practices to treat, store, and infiltrate runoff onsite before it can affect water bodies downstream.	Enforce the maintenance of the storm water lines.	Municipal Public Works Department will develop an agenda who includes routes and schedules to give maintenance for the storm water sewer.	Agenda Fulfillment	Agenda by November 2007
		Promote new alternatives for construction sites who reduce imperviousness.	Identifies the alternatives to be promoted to developers on their new projects like porous parking lot, bioretention, etc.	# of projects who adopt the new imperviousness alternatives	May 2008
Measure % 6 Pollution Prevention / runoff control	Protect storm water, particularly when maintaining MS 4 infrastructure and performing daily Municipal Activities.	Municipal Employee Training and Education	Municipal Employee Training and Education Press Department	# of employes trained Procedure fulfillment	Procedure Development October 2009

**Notice of Intent NPDES General Permit
Municipality of Vega Alta**

A p p e n d i x C



*Estado Libre Asociado de Puerto Rico
Gobierno Municipal de Vega Alta*

*Isabelo Molina Hernández
Alcalde*

29 de agosto de 2007

Hon. Javier Vélez Arocho
Secretario
Departamento de Recursos Naturales y Ambientales
Apartado 366147
San Juan, Puerto Rico 00936-6147

Atención: Sr. Nelson Velázquez
Director
División Permisos y Franquicias de Agua

*Asunto: Permiso General del Nacional Pollutant Discharge and
Elimination System (NPDES); Información sobre permisos
emitidos en el territorio Municipal de Vega Alta*

Estimado señor Vélez Arocho

Saludos cordiales de la Administración Municipal de Vega Alta.

El Municipio de Vega Alta, en cumplimiento con la Ley Federal de Agua Limpia, se encuentra realizando el Plan de Manejo de Escorrentía Pluvial con el fin de obtener el Permiso General del "Nacional Pollutant Discharge and Elimination System" para nuestro sistema de alcantarillado pluvial. Uno de los requisitos solicitados por la Agencia Federal de Protección Ambiental (EPA, por sus siglas en inglés), encargada de otorgar dicho permiso, es informar acerca de la cantidad de permisos emitidos dentro de los límites del Municipio de Vega Alta, bajo las siguientes leyes federales:

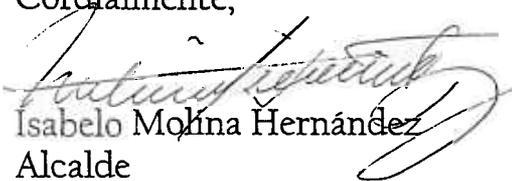
-Inyección Subterránea bajo la Ley de Aguas Limpias

-Permisos de dragados o rellenos bajo la Sección 404 de la Ley de Aguas Limpias

Como una de la Agencias encargadas de velar por el cumplimiento de las Leyes Ambientales tanto Federales como Estatales, solicitamos se nos brinde información al respecto.

De tener alguna pregunta o duda con respecto al contenido de esta solicitud favor de comunicarse con la Planificadora Lynnette I. Vázquez Canales, Directora de la Oficina de Planificación y Desarrollo, al teléfono (787) 883-5900, extensiones 298 y 245.

Cordialmente,


Isabelo Molina Hernández
Alcalde