

**FINAL SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT FOR THE
CATSKILL/DELAWARE UV FACILITY**

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4.4. COMMUNITY FACILITIES

4.4.1. Introduction

This section examines the community facilities located within the one-half mile study area, as well as those that provide services to the Eastview Site from locations beyond the study area. The one-half mile study area includes facilities that could experience direct impacts from the proposed Catskill/Delaware UV Facility (UV Facility) project, as a result of increased activity on the Eastview Site and related traffic demands during both the construction and operation phases. Beyond this area, community facilities that would provide police, fire and emergency medical services to the Eastview Site were also considered. These types of services could experience indirect impacts from the proposed project as a result of increased service demand. The methodology used to prepare this analysis is presented in [Section 3.4, Data Collection and Impact Methodologies, Community Facilities](#).

4.4.2. Baseline Conditions

4.4.2.1. Existing Conditions

As discussed in [Section 4.2, Land Use, Zoning, and Public Policy](#), a wide range of land uses and development densities surrounds the Eastview Site. Several community facilities are located within a one-half mile radius of the Eastview Site, including post-secondary schools, child care centers, hospitals, and emergency services (see [Table 4.4-1](#) and [Figure 4.4-1](#)). These facilities could experience both direct and indirect impacts as a result of the construction and operation of the proposed UV Facility.

4.4.2.1.1. Schools, Child Care Centers, and Educational Facilities

No libraries, primary schools, secondary schools, community centers, or senior centers are located within the study area. Three childcare centers/nursery schools have been identified within the study area, as presented in [Table 4.4-1](#). The closest is the Treetops Child Care Center located on Clearbrook Road within the Cross Westchester Executive Park. This childcare center is located just beyond the western edge of the south parcel.

The Eastview Site is located within the Pocantico Hills School District; this school district could experience indirect effects from property tax revenues generated by the proposed project (refer to [Section 4.7, Socioeconomic Conditions](#), and [Section 4.8, Growth Inducement](#)). The school itself is located outside of the study area, approximately three miles northwest of the Eastview Site.

TABLE 4.4-1. COMMUNITY FACILITIES – EASTVIEW SITE

Map Key #, Figure 4.4-1	Community Facility	Address	Notes
Schools			
1	New York Medical College	Grasslands Reservation, Valhalla, NY	956 Full-time Students; 396 Part-time Students
Child Care Centers			
2	Treetops Child Care Center	11 Clearbrook Road, Elmsford, NY	Current Enrollment of 65 Infants, Toddlers & Pre-School Children (Capacity of 78 Full-Time Children); 17 Staff.
3	Bright Horizons Children’s Center	77 Executive Boulevard, Elmsford, NY	Enrollment of 100 Infants, Toddlers & Pre-School Children (Capacity of 112 Children); 22 Staff.
4	Children’s Corner Nursery School	555 Saw Mill River Road (Route 9A), Elmsford, NY	Enrollment of 16 Infants, 12 Toddlers & 30 Pre-School Children (Capacity of 58 Children); 11 Staff.
Hospitals			
5	Westchester Medical Center	Grasslands Reservation, Valhalla, NY	Acute Care, 1,000+ Beds
6	Blythedale Children’s Hospital	Bradhurst Avenue, Route 100A, Valhalla, NY	Children’s Rehabilitation, 92 Beds
Emergency Services			
7	*Mount Pleasant Police Department	One Town Hall Plaza, Valhalla, NY	47 Police Personnel
8	*Greenburgh Police Department And Emergency Medical Services	188 Tarrytown Road, White Plains, NY	156 Police Personnel
9	*NYCDEP Police	New Croton Reservoir, Yorktown, NY And Kensico Reservoir, Valhalla, NY	N/A
10	*Valhalla Volunteer Fire Department	330 Columbus Avenue, Valhalla, NY	85 Fire Personnel
11	Grasslands Fire Brigade	Westchester County Fire Training Center, Grasslands Reservation, Valhalla, NY	One Staff Member And 26 Volunteers
11	Westchester County Department of Emergency Services	Westchester County Fire Training Center, Grasslands Reservation, Valhalla, NY	Provides Training For Emergency Service Personnel
12	*Elmsford Volunteer Fire Department	144 Main Street, Elmsford, NY, and 5 North Lawn Avenue, Elmsford, NY	70 volunteers

TABLE 4.4-1. COMMUNITY FACILITIES – EASTVIEW SITE

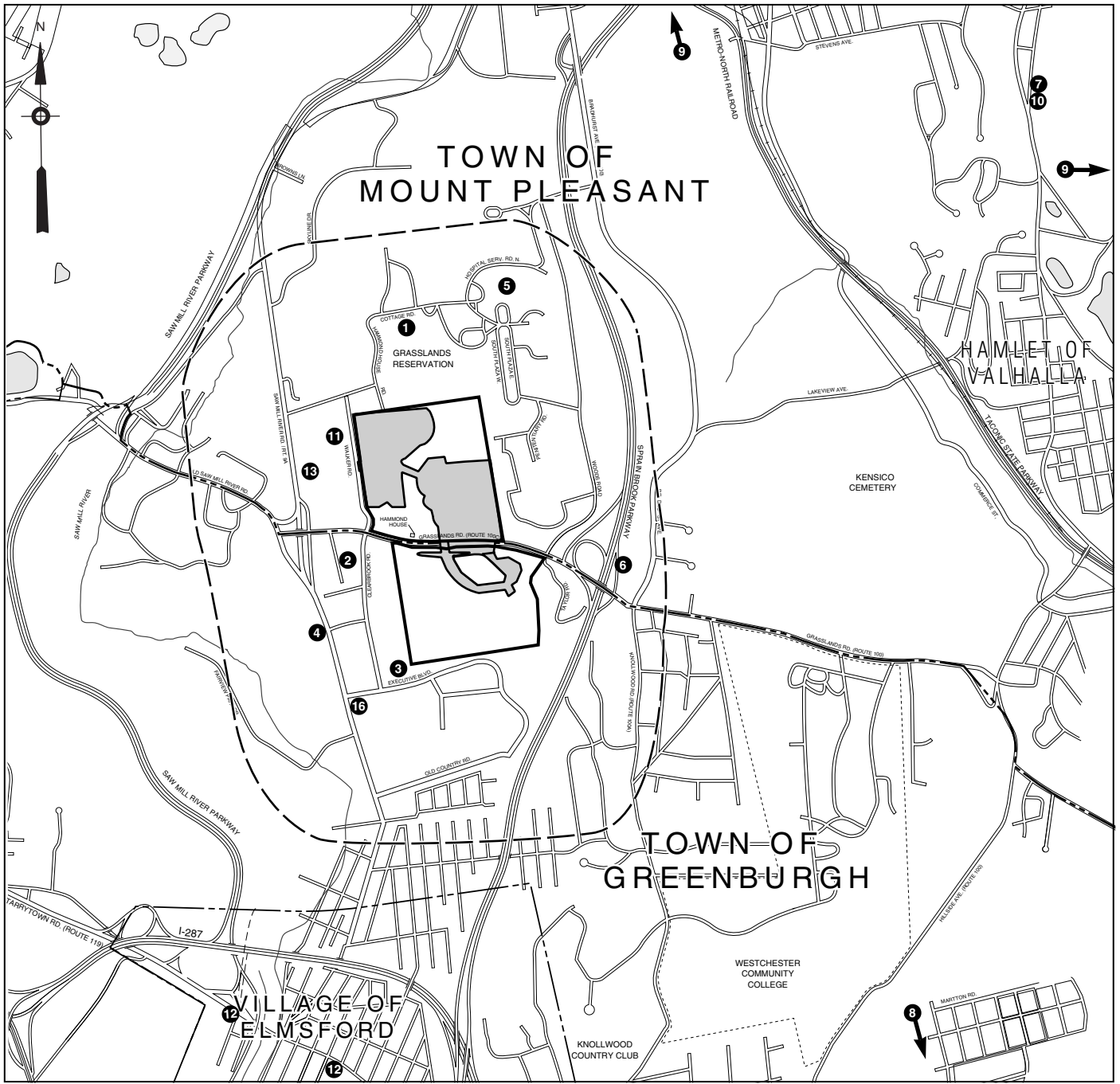
Map Key #, Figure 4.4-1	Community Facility	Address	Notes
13	Westchester County Department of Safety	Headquarters: Saw Mill River Parkway, Hawthorne, NY Police Academy: New York State Armory, Grasslands Reservation, Valhalla, NY	250 Police Officers
14	*Valhalla Volunteer Ambulance Corps	One West Lake Drive, Valhalla, NY	70 Volunteers


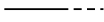
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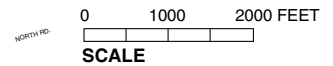
* Located outside of the one-half mile study area, but could respond to emergencies at the Eastview Site.

Sources: Police information for the Town of Greenburgh obtained from the Greenburgh Police Department website at <http://www.police.greenburgh.com>. Information for the Town of Mount Pleasant based on a letter dated June 7, 2002 from Chief Louis Alagno. Information for the Valhalla Fire Department based on correspondence dated June 17, 2002 from Ken Hoffarth, Chairman of the Board of Fire Commissioners for the Valhalla District. Information for the Valhalla Volunteer Ambulance Corps obtained at <http://members.aol.com/oreilly7/vvac/>. Information for the Elmsford Fire Department obtained at <http://www.elmsfordny.org/fire.htm>. Information for Westchester County Department of Emergency Services obtained at <http://www.westchestergov.com/EMERGSERV/>. Information for Westchester County Department of Public Safety obtained from Commissioner D’Aliso and Captain McGlen. Hospital information taken from Westchester County Department of Planning Databook 2002. Enrollment and capacity figures for the New York Medical College obtained from <http://www.nymc.edu/> and Steve Piccolo, Senior Vice President and Chief Financial Officer of New York Medical College. Information for the Southern Westchester BOCES obtained at <http://www.swboces.org> and Claudia Fuller, Director, Center for Career Services, November 26, 2002. Childcare figures received from Childcare Council of Westchester, Inc. on June 26, 2002, and from telephone conversations with the Director of Treetops Child Care Center and a staff member of Bright Horizons Children’s Center on December 11, 2002 as well as the New York State Office of Children and Family Services’ website: www.ocfs.state.ny.us/main/becs/referralagencys/asp.

H&S File: 9470/360/Final EIS Graphics/MP1-evcf.ai 11/04



-  Eastview Site
-  Half - Mile Study Area
-  Municipal Boundary
-  Approximate Area Affected During Construction
-  1 Community Facilities



Community Facilities Eastview Site

Catskill/Delaware UV Facility

Figure 4.4-1

The New York Medical College is located on Grasslands Reservation. It is made up of three schools: the School of Medicine, the Graduate School of Basic Medical Sciences, and the Graduate School of Health Sciences. Each year the School of Medicine admits an average class size of 800 students. The Graduate School of Basic Medical Sciences has an enrollment of 180 students, and the School of Public Health has an enrollment of 500 students (map location #1; see Figure 4.4-1).

4.4.2.1.2. Hospitals and Public Health Facilities

Westchester Medical Center. Just north of the Eastview Site is the Westchester Medical Center, which consists of the University Hospital, the Taylor Care Center, the Institute for Human Development, and the Behavioral Health Center, with over 1,000 beds (map location #5; see Figure 4.4-1). These regional facilities serve residents of southern New York, northern New Jersey, and southern Connecticut.

The University Hospital at the Westchester Medical Center is a 400,000-square feet (sq. ft.) facility with seven stories and 524 beds. The following services are provided at the hospital: cardiac services (including adult and pediatric cardiology and cardiac surgery); intensive care and coronary care; cancer treatment; kidney transplant and dialysis; liver transplant; cornea transplant; pediatric and adolescent specialties (including emergency medicine); neurosurgical and neurological services; trauma services (including a 24-hour air ambulance); perinatal services, with high-risk obstetrical and neonatal intensive care; burn center care; ambulatory care services; and acute rehabilitation.¹ The University Hospital also contains a trauma center for more serious emergencies.

The University Hospital also offers occupational health services to corporations and businesses that require specialized or routine health services, such as immunizations or testing. Hospital representatives have indicated that the Westchester Medical Center is currently able to adequately service the needs of the area.²

The Taylor Care Center is a 400-bed, long-term skilled nursing care facility. The Institute for Human Development provides outpatient services to individuals with developmental disabilities, including medical, dental, educational, social and psychological programs. In addition, the Behavioral Health Center provides psychiatric emergency services.

The Maria Fareri Children's Hospital was completed in October 2004. The facility is 250,000 sq. ft. Children's Hospital in the Westchester Medical Center and offers services for seriously ill and injured children. The new hospital features dedicated pediatric operating rooms, pediatric and neonatal intensive care units, and a pediatric emergency department and trauma center.³ In

¹ Information obtained from the website maintained by the Westchester Medical Center, <http://www.wcmc.com>, in June 2002.

² Per a telephone conversation with Marianne Oros, Vice President of Planning for the Westchester Medical Center, on May 24, 2000.

³ Information obtained from the Westchester Medical Center website at <http://www.wcmc.com>. on September 12, 2002.

addition, private patient rooms designed and built specifically for children provide a comfortable, non-threatening environment with ample room for parents to spend the night with their child. The Maria Fareri Children's Hospital has a host of other features that encourage healthy children and their families to come and visit. A spectacular public area has been provided, which would include a resource center, a stage, a toy store, the world's largest doll house, the David Cone/New York Yankees sports arcade, a food court, an authentic locomotive and much more.

Blythedale Children's Hospital is a children's hospital dedicated to improving the health status and quality of life of children with complex medical and rehabilitative needs. It is a 92-bed non-profit children's hospital serving youngsters from birth through age 19 without regard to sex, financial ability, religion or race. Through its inpatient and day hospital programs, it treats more than 300 children daily, making it one of the largest children's services in the State. In addition, the Hospital provides diagnosis and treatment of hundreds of outpatients with a wide range of specialties.

Blythedale Children's Hospital is the only independent, free-standing pediatric rehabilitation hospital in New York State. It is fully accredited by the Joint Commission on Accreditation of Healthcare Organizations (JCAHO).

In order to determine which hospitals within Westchester County are designated to receive accident victims on a large scale, several sources were consulted. According to the New York State Department of Health (NYSDOH), most urban and suburban hospitals have "mass casualty plans" in place to handle emergencies. However, based on information provided by the New York State Emergency Medical Services (NYSEMS), only certain hospitals within the area have what is called a trauma rating. Hospitals with a trauma rating are equipped, and have been designated, to provide emergency medical care on a large scale. This rating can be either Level 1 (Regional Hospital), or Level 2 (Area Hospital).⁴

Westchester Medical Center is the only Level 1 hospital in Westchester County. There are two Level 2 hospitals located in Westchester County, including Sound Shore Medical Center in New Rochelle and Hudson Valley Hospital Center in Cortlandt Manor.

⁴ The distinction between Level 1 and Level 2 is slight. A Level 1 hospital would have more staff with greater experience and availability, perhaps more specialized equipment, and would be centrally located within the region. In the event of a serious accident, if the accident victim(s) are within one-half hour of a Level 1 or Level 2 hospital they are taken there. Otherwise they would be taken to a community hospital for "stabilization" and then transported.

4.4.2.1.3. *Fire Protection*

Town of Mount Pleasant. The Valhalla Fire Department is located at 330 Columbus Avenue in Valhalla, New York, near the Mount Pleasant Police Department (map location #10; see [Figure 4.4-1](#)). It is a volunteer fire department staffed by approximately 85 firefighters and two civilian personnel. The department is currently equipped with two Class A 500-gallon pumpers, one Class A 750-gallon pumper, one 75-foot mid-mount tower ladder, one heavy rescue, and one mini-attack truck. The department has an average response time of three to seven minutes and responds to approximately 300 calls for assistance each year.⁵ Fire departments within Westchester County participate in the County mutual aid program, in which each department makes an agreement with departments in the surrounding area to provide backup support when necessary. If additional aid is required beyond that provided by the departments in the immediate surrounding area, Westchester County's communication center is responsible for dispatching additional support (see "Other Emergency Services," below).

The Valhalla Fire District is predominantly residential with a concentration of commercial office and institutional development. Grasslands Reservation is located in the southwest quadrant of the district with more than 90 buildings including, but not limited to, the Westchester Medical Center, the Westchester County Correctional Complex, the Woodfield Cottage Juvenile Detention Center, the New York Medical College campus, the Westchester County Department of Laboratories and Research Building, the Fire Training Center, and the Bee-Line Bus Facility. These land uses bring the daytime population of the quadrant to approximately 35,000 residents and employees. In addition, other land uses within the district require preplanning and certain sites require specialized training, including the NYCDEP laboratories and chlorination facility at Kensico Reservoir, which is located in the center of the district. The Metro-North Railroad and two major highways, the Taconic State Parkway and the Sprain Brook Parkway, also require additional training.⁶ Currently, the Valhalla Fire Department is able to adequately meet the needs of its service area.

Grasslands Fire Brigade. The Grasslands Fire Brigade, which provides fire protection for Grasslands Reservation and the Eastview Site, is located at the Westchester County Fire Training Center (map location #11; see [Figure 4.4-1](#)). The Brigade's staff consists of one staff member and 26 volunteers. The Brigade is equipped with one mini-pumper, two Class A pumpers, and one rescue utility. The members of the Grasslands Fire Brigade are first responders to fire emergencies on and in the vicinity of Grasslands Reservation from 8:00 AM to 3:30 PM on weekdays. After hours and on weekends, this area is covered by the Valhalla Fire Department (see above for a more detailed description of the Valhalla Fire Department). On average, the Brigade receives 70 to 100 calls per year from Grasslands Reservation alone. Presently, the Brigade is able to adequately meet the needs of its service area.

The firefighters train regularly under live fire conditions in the burn simulator building, or burnhouse, which is located immediately west of the Eastview Site at the County's Fire Training Center. Advance training, such as the mask confidence course, vehicle extraction using the Jaws

⁵ Information based on correspondence with the Valhalla Fire Department on June 5, 2002.

⁶ Information based on a letter dated March 29, 2000 from Commissioner Kenneth Hoffarth of the Board of Fire Commissioners, Valhalla Fire District.

of Life, elevator rescue, and incident command training are some of the classes completed by the Brigade members.⁷ Due to the location of the Grasslands Fire Brigade on Grasslands Reservation, the firefighters are dispatched to alarms directly from the County's Fire Training Center, which ensures that response time is extremely fast. According to the Grasslands Fire Chief, the Brigade has an average estimated response time to the Eastview Site of approximately three minutes.⁸

Town of Greenburgh. Fire protection in the Town of Greenburgh is provided by the Elmsford Volunteer Fire Department, which includes the Elmsford Fire Company No. 1, a ladder company located on 144 Main Street, and the Live Oak Engine Company, an engine company located on 5 North Lawn Avenue (map location #12; see [Figure 4.4-1](#)). The department's staff consists of approximately 70 volunteers. The department is equipped with two ladder trucks, two engine trucks, and one rescue unit. According to the Elmsford Fire Chief, the department has an average estimated response time to the vicinity of the Eastview Site of approximately one to one and one-half minutes. The Elmsford Fire Department is one of the busiest volunteer departments in the County. It responded to 1,200 calls for service in 2002.⁹ Presently, the Elmsford Volunteer Fire Department is able to adequately meet the needs of its service area. In terms of training for large-scale disasters, members of the Elmsford Fire Department perform disaster drills during training and take courses in subject areas, such as hazardous materials. In addition, several of the staff members are trained EMTs.¹⁰ Fire Departments within the County participate in the County mutual aid program, in which agreements are made between departments in the surrounding area to provide support when necessary. If additional aid is required beyond that provided by fire departments in the immediate surrounding area, the County's communications center, located on Grasslands Reservation, is responsible for dispatching the additional support (see "Other Emergency Services," below). As mentioned below, each department receives training at the Westchester County Fire Training Center.

4.4.2.1.4. Police Protection

Town of Mount Pleasant. The Mount Pleasant Police Department is located at One Town Hall Plaza in the Hamlet of Valhalla (map location #7; see [Figure 4.4-1](#)). The Mount Pleasant Police Department is responsible for providing service to approximately 25,500 people in a 25-square-mile area that includes 113 miles of local roadways and approximately 15 additional miles of State and County roadways; it does not include the parkways in the Town of Mount Pleasant, which are patrolled by Westchester County Police. The Mount Pleasant Police Department services the unincorporated areas of Mount Pleasant, including the Hamlets of Hawthorne, Thornwood, Valhalla, and Pocantico Hills. The incorporated Villages of Pleasantville, Briarcliff Manor, and Sleepy Hollow maintain separate police departments and receive outside assistance only as needed through the County mutual aid program. The Mount Pleasant Police Department is currently staffed by 47 police personnel and 14 civilian personnel

⁷ Information obtained from the Westchester County Homepage - <http://www.westchestergov.com/emergserv/file.htm> on January 28, 2003.

⁸ Based on a telephone interview with Chief Nicholas Gasparre of the Grasslands Fire Brigade on January 29, 2003.

⁹ Information obtained from Village of Elmsford, Westchester Co., NY webpage - <http://www.elmsfordny.org/fire.htm> on January 27, 2003.

¹⁰ Per a telephone conversation with Chief John Reynolds of the Elmsford Volunteer Fire Department on April 26, 2000.

including one chief, two lieutenants, six patrol sergeants, one detective sergeant, three detectives; 30 patrol officers; one animal control and park enforcement officer; two dispatchers, and two clerical staff members.

The Mount Pleasant Police Department provides 24-hour service with approximately 14 officers on duty from 8:00 AM to 4:00 PM and four to seven officers on duty from 4:00 PM to 8:00 AM. The Mount Pleasant Police Department has 19 patrol cars. Ideally, there are five patrol cars and one supervisor patrolling the service area, but typically there are only three cars patrolling at any given time. On average, the department receives a total of 14,600 calls for service each year. While calls for service have increased in the last five years, they have stabilized more recently. Specifically, there has been an increase in the number of crimes that require a multiple-car response, placing greater demands on the department.

Through an inter-municipal agreement, each police department in Westchester County participates in the mutual aid program that provides additional assistance to individual departments, including Mount Pleasant, when their local resources are fully deployed. Through the Westchester County Department of Emergency Services, officers in the Mount Pleasant Police Department receive disaster-preparedness training with local emergency response departments to prepare for a potential large-scale emergency. A large-scale emergency can be considered any emergency that depletes the resources of the local department and necessitates assistance from additional local, County, or State agencies. In addition, the Mount Pleasant Police Department participates in emergency drills that are sponsored by the NYCDEP police force at Kensico Reservoir (map location #9; see [Figure 4.4-1](#)). The drills serve to prepare the Mount Pleasant Police Department for potential emergencies at Delaware Aqueduct Shaft No. 18, which contains a chlorination facility.¹¹ Currently, the Mount Pleasant Police Department is able to adequately meet the needs of the service area.

Town of Greenburgh. The Greenburgh Police Department (map location #8; see [Figure 4.4-1](#)), located at 188 Tarrytown Road in White Plains, New York, is responsible for approximately 42,000 residents in a 17-square-mile area with 142 miles of roadway in the unincorporated portion of Greenburgh. The unincorporated portion of Greenburgh does not include the incorporated Villages of Elmsford, Ardsley, Dobbs Ferry, Hastings-on-Hudson, Irvington, and Tarrytown. The Town of Greenburgh has the largest town police force in Westchester County with 114 sworn and 42 civilian members. The Greenburgh Police Department is divided into a patrol division, a detective division, and a staff services division. The patrol division provides all general police protection services and emergency medical services. The patrol division is further divided into the uniformed patrol unit, the paramedic unit, the street crime unit, and the community police officers unit.¹²

The daily responsibilities of the patrol division include patrol of the Town, complaint investigation, protection of life and property, enforcement of the laws of New York State, Westchester County, and the Town of Greenburgh, criminal investigations, arresting offenders, recovery of lost or stolen property, traffic control and direction, traffic enforcement, accident investigation, execution of arrest warrants, service of summonses, subpoenas, orders of

¹¹ Information based on correspondence with the Mount Pleasant Police Department dated June 10, 2002.

¹² Information based on correspondence with the Greenburgh Police Department dated June 24, 2002.

protection and court orders, crime prevention, and community relations. These 24-hour services are provided by a captain, four lieutenants, ten sergeants, ten detectives (eight of whom are certified as paramedics), 63 police officers, eight civilian paramedics, and eight dispatchers. The department currently maintains a fleet of 55 vehicles including 18 marked sedans, four ambulances, four paramedic quick response vehicles (e.g. fly cars), a prisoner transport bus, a Technical Response Rescue vehicle and trailer, a Tactical Response vehicle, and a number of other unmarked and special use vehicles. The Department responds to approximately 32,000 service calls per year.¹³

The officers within the department receive extensive training for large-scale emergencies. Much of the training is administered in anticipation of an emergency at the Indian Point Nuclear Power Plant, located in Buchanan, New York. Additional training includes instruction in decontamination procedures and opening and maintaining shelters. The Town of Greenburgh maintains a fully trained, certified, and equipped Technical Rescue Unit capable of responding to rescue operations under extremely difficult circumstances, such as high angle rescues, a collapsed building, or a trench rescue. In January 2003, the Greenburgh Police Department re-established their K-9 Unit. The K-9 team was assigned to the Patrol Division. The team has been responsible for making several criminal apprehensions and arrests. The team has also been used to locate missing persons and to track suspects. The resources of the department are currently able to meet the needs of the constituency. In addition, the department participates in an inter-municipal agreement with the 42 other police departments in the County by providing mutual aid on an as-needed basis.¹⁴

Westchester County Department of Public Safety. The Westchester County Department of Public Safety has an office located on Saw Mill River Road in Hawthorne, New York, and a Police Academy located just west of the Eastview Site on Grasslands Reservation within the New York State Armory (map location #13; see [Figure 4.4-1](#)). This department has 250 sworn officers and is the primary law enforcer and responder to emergencies along the County parkways, within the County parks and buildings including the buildings on Grasslands Reservation (which is on a contracted basis). The Department of Public Safety maintains several specialized units including, but not limited to, the Crime Analysis unit and the Bomb Squad. While the Department would not be the primary responder to any incidences on the Eastview Site or the roads adjacent to the property, the Department would be available to provide backup support in the event of an emergency.¹⁵ The Westchester County Department of Public Safety is able to meet the needs of the service area. However, the Department has indicated that it is understaffed by about 20 officers.¹⁶

NYCDEP Police Force. NYCDEP maintains a police force to “protect the source, works, and transmission of water supplied to the City of New York and to protect persons on or

¹³ Information obtained from the Greenburgh Police Department web page, <http://www.police.greenburgh.com> in June 2002.

¹⁴ Information obtained from the Greenburgh Police Department web page, <http://www.police.greenburgh.com> in June 2002.

¹⁵ Westchester County Department of Public Safety website <http://www.co.westchester.ny.us/ps/default> June, 2002.

¹⁶ Based on correspondence from Louis S. D’Aliso, Commissioner of the Westchester County Department of Public Safety, dated January 24, 2003 and a phone conversation with Captain McGlen on March 7, 2003.

in the vicinity of such water sources as needed.”¹⁷ The principal NYCDEP police station is located on Croton Lake Road in the Town of Yorktown. The station provides protection to the East-of-Hudson watersheds, which extend from I-287 north to Dutchess County and from the western border of the Croton watershed to Connecticut. This station receives a few thousand calls per year. The department is equipped with four-wheel drive vehicles, a helicopter, boats, radio motor patrols, and all-terrain vehicles. A second NYCDEP police station is located near the Eastview Site at Kensico Reservoir (map location #9; see [Figure 4.4-1](#)).

The NYCDEP police force receives extensive and varied training, and has several resources available for a large-scale emergency. The department is staffed with Certified Police Officers, 25 percent of who are trained EMTs. The department is also an active member of the Offices of Westchester County and New York City Emergency Management. The NYCDEP police force participates in the Mass Casualty Resource program, which makes community and County resources, such as the Mobile Decontamination Unit, available in the event of an emergency. The NYCDEP police force is organized into several specially trained sectors, including the Special Operation Unit and the Special Response Team. In addition, the officers receive Terrorist Response Awareness training.

4.4.2.1.5. Emergency Medical Services

Town of Mount Pleasant. The Mount Pleasant Police Department is responsible for dispatching emergency medical services to the Mount Pleasant and the Valhalla Volunteer Ambulance Corps responds to any medical emergencies within Mount Pleasant. The ambulance corps is located at One West Lake Drive in Valhalla, New York (map location #14; see [Figure 4.4-1](#)). There are approximately 70 volunteers with EMT training in the Corps. The Corps responds to calls on a 24-hour basis and has an average response time of eight minutes. The Corps currently responds to approximately 600 calls annually, of which 300 originated from Mount Pleasant (the Corps also responds to calls for the Town of North Castle). The Corps maintains two ambulances and has an Advanced Life Support system on contract. In addition, the Corps participates in a mutual aid program. The following neighboring ambulance corps would be most likely to provide additional services within the study area: Hawthorne, Sleepy Hollow, Greenburgh, Tarrytown, Elmsford, and the Westchester Medical Center ambulance service. Based on discussions with the Mount Pleasant Police Department and Valhalla Volunteer Ambulance Corps, the Corps is currently able to adequately service its jurisdiction.¹⁸

Town of Greenburgh. The Greenburgh Police Department (map location #8; see [Figure 4.4-1](#)) is one of the few police departments to provide emergency medical services. The emergency medical services are organized through the paramedic unit within the department's patrol division. There are 23 certified paramedics and 19 EMTs that provide emergency medical services to the unincorporated area of the Town of Greenburgh and Advanced Life Support to the six villages within the incorporated area of the Town. In total, the unit currently serves 86,147 residents. In addition to the 42 members of the paramedic unit, all 109 officers in the department have received certification to provide basic first aid and cardiopulmonary resuscitation.

¹⁷ New York City Department of Environmental Protection Mission Statement, received June 2, 2000.

¹⁸Based on a telephone interview with Jim Spies of the Valhalla Volunteer Ambulance Corps on January 29, 2003.

The paramedic unit utilizes four ambulances and four paramedic quick response vehicles (fly-cars) to respond to emergencies. A minimum of two paramedics is assigned to each tour of duty, although it is common to have four or more on duty. Each patrol vehicle is equipped with a combination first aid/oxygen therapy bag. The emergency medical service provided to the Town varies depending on location. The unincorporated portions of the Town are serviced with both ambulance transport and pre-hospital emergency services (at the paramedic level). The six incorporated villages receive pre-hospital emergency response, but each village's independent volunteer ambulance corps or fire department performs ambulance transport. The southern portion of the study area is located within the unincorporated portion of the Town and thus receives both medical and transport services. All services are provided 24 hours a day, seven days a week. Responses to calls for emergency medical service are not answered from a single location, but rather by fly-cars and ambulances that are situated in various locations throughout the Town. One fly-car is stationed at the Community Hospital at Dobbs Ferry while a second is assigned to patrol a centrally located sector within the unincorporated portion of the Town. Meanwhile, a police ambulance is assigned to patrol a sector on the south end of unincorporated Greenburgh. Depending on the staffing levels on a given day, additional medical personnel may be assigned to patrol. The average response time to all emergency calls in the Town is between four and five minutes. On an annual basis, the department responds to approximately 30,000 calls for service with approximately 5,000 of the calls requiring intervention from the department's medical personnel. The summer months, particularly during the school vacation, tend to be the busiest time of the year. As described above, officers within the police department receive extensive training for large-scale disasters. Currently, the department is able to adequately meet the needs of the service area.¹⁹

4.4.2.1.6. Other Emergency Services

Westchester County Department of Emergency Services. The Department of Emergency Services (map location #11; see [Figure 4.4-1](#)) is a County agency comprised of three divisions: Fire Services, Emergency Medical Services, and Office of Emergency Management. The Department coordinates the emergency management preparedness, response, recovery and mitigation efforts for Westchester County by providing comprehensive training for fire and emergency medical service personnel, and training for the County's Hazardous Material Response Team. The Department's training includes coordinating various departments for large-scale or mass casualty emergencies such as a large fire or a railroad train accident. The Department also trains and operates a Hazardous Materials Response Team, which has approximately 18 to 24 volunteer members. Through the County's fire mutual aid system, the Hazardous Materials Response Team responds to any hazardous material emergency in the County. The County also offers hazardous materials training to each local fire department. The level of training provided is at the discretion of the local fire department. The Department is based out of the Westchester County Fire Training Center, which is located on Grasslands Reservation, just west of the Eastview Site (map location #11; see [Figure 4.4-1](#)). The Fire Training Center includes the County's communication center, the Hazardous Materials Response

¹⁹ Information obtained at the Greenburgh Police Department website (<http://www.police.greenburgh.com>) and a letter dated April 27, 2000 from Chief John Kapica of the Greenburgh Police Department.

Team, the Grasslands Fire Brigade, and various fire training props, including a burn house that abuts the Eastview Site. The communication center currently provides primary dispatch of fire and emergency medical services for 28 fire departments and seven emergency medical service agencies in the County.²⁰

NYCDEP Hazardous Materials Teams. NYCDEP maintains a Hazardous Materials Incidence Response Team and a Spill Response Team in addition to its police force. The hazardous materials teams are located at the Croton Lake Gate House in the Town of Yorktown and at various Protection Section offices east and west of the Hudson River. The teams have staff of four full-time New York State (NYS)-Certified Hazardous Materials Specialists. In addition, the Protection Section has full-time employees working in various units throughout the watershed that are on-call NYS-Certified Hazardous Materials Technicians.

4.4.2.2. Future Without the Project

The Future Without the Project considers the anticipated peak year of construction (2008) and the first full year of operation (2010) for the proposed project. The anticipated peak year of construction is based on the peak number of workers.

For each year, two scenarios are assessed: one in which the NYCDEP Croton Water Treatment Plant (Croton project) is not located on the Eastview Site and another in which the Croton project is located on the site, specifically in the northwest corner of the north parcel. By the peak construction year, two additional NYCDEP projects could be located on the Eastview Site, namely a NYCDEP Police Precinct and possibly an East-of-Hudson Administration/Laboratory Building. The Police Precinct has been approved by the Town of Mount Pleasant and would be located in the southwest corner of the north parcel. The location of the Administration/Laboratory Building is less certain, however, the Eastview Site is one of several properties currently being evaluated as a possible site for this facility. The siting decision and environmental impact analyses of the Administration/Laboratory Building project is a separate action from the proposed project and would undergo its own independent environmental review. In addition to these projects, NYCDEP's Kensico-City Tunnel may be under construction at the Eastview Site starting in 2009. Therefore, the 2010 analysis year considers the possibility of this project. All of these NYCDEP projects are analyzed to the extent to which information is currently available.

4.4.2.2.1. Without Croton Project at Eastview Site

Schools, Child Care Centers, and Educational Facilities. New York Medical College does not have any current plans for expansion or changes to existing facilities. It is anticipated that in the Future Without the Project, New York Medical College would continue to operate the same as it does under existing conditions, with similar enrollment levels, programs, and facilities.

²⁰ Information obtained from the website maintained by the Westchester County Department of Emergency Services, <http://www.westchestergov.com/emergserv>, June 2002.

In the Future Without the Project, the three childcare centers in the study area are anticipated to continue to operate and offer the same services as they do under existing conditions.

Hospitals and Public Health Facilities. In the Future Without the Project, the Westchester Medical Center is anticipated to increase its staff size and expand its medical programs.

Fire Protection.

Town of Mount Pleasant. In the Future Without the Project, it is anticipated that the Valhalla Fire Department would continue to maintain the same response times and level of service.

Town of Greenburgh. In the Future Without the Project, it is anticipated that the Elmsford Fire Department would continue to maintain the same response times and level of service. However, given the projections for continued population and commercial growth in Elmsford over the next ten years, additional volunteers would need to be recruited through the year 2010 in order to maintain adequate levels of service.

Grasslands Fire Brigade. In the Future Without the Project, the Grasslands Fire Brigade anticipates to maintain the same level of service. Due to budget constraints, the number of staff members would most likely remain the same, but demands on the Fire Brigade are anticipated to increase as a result of further development within Grasslands Reservation. Therefore, additional volunteers would need to be recruited.²¹

Police Protection.

Town of Mount Pleasant. According to the Mount Pleasant Police Chief, in the Future Without the Project, additional development within the Town may require an increase in personnel to maintain present programs and response times. By 2010, the Police Department anticipates to increase the size of its staff by approximately ten percent.²² However, the staff size to population ratio of the Mount Pleasant Police Department would still remain relatively low based on current need.

Town of Greenburgh. According to the Greenburgh Police Department, additional development within the Town may require an increase in personnel to maintain present programs and response times. Several development projects are proposed in the Town of Greenburgh and many of these developments are anticipated to be completed before the anticipated year of operation (2010). Such growth may increase traffic related incidences. In order to meet future demands, the Greenburgh Police Department estimates that they would hire approximately five new officers by 2010.²³

²¹ Based on telephone interview with Chief Nicholas Gasparre of the Grasslands Fire Brigade on January 29, 2003.

²² Based on a telephone interview with Chief Louis Alagno of the Mount Pleasant Police Department on August 23, 2002.

²³ Based on a telephone interview with Captain George Weisner of the Greenburgh Police Department on August 23, 2002.

Westchester County Department of Public Safety. In the Future Without the Project, the Westchester County Department of Public Safety anticipates it would maintain approximately the same level of service that currently exists on and in the area of Grasslands Reservation. Given the projections for continued population and commercial growth in Westchester County over the next 15 to 20 years, the Department anticipates that it would need to expand its police force in order to meet the future demands of growth, as well as present demands. As noted above, the Department is currently understaffed by approximately 20 officers. The Department anticipates that it would need to assign additional police resources to Grasslands Reservation as that campus continues to be developed.²⁴

NYCDEP Police Force. By 2006, the NYCDEP Police Force plans to establish a new precinct on the southwestern corner of the Eastview Site in the Town of Mount Pleasant. The additional NYCDEP Police Force at the Eastview Site, in cooperation with the existing NYCDEP Police Forces in the Town of Yorktown and in the Town of Mount Pleasant near the Kensico Reservoir, would be the primary response team for emergency and security calls from all of the City's water supply facilities in the East of Hudson Watershed, including calls regarding Hazardous Material Emergency Management and Terrorist Response Awareness as discussed in the existing conditions analysis.

Emergency Medical Services.

Town of Mount Pleasant. In the Future Without the Project, the Valhalla Volunteer Ambulance Corps anticipates to maintain the same level of service and response times. Similar to existing conditions, the Corps would continue to recruit additional volunteers.²⁵

Town of Greenburgh. As discussed above, the Greenburgh Police Department provides emergency medical services to the Town of Greenburgh. According to the Greenburgh Police Department, additional development within the Town may require an increase in personnel to maintain present programs and response times in the future. Currently, there are no known changes planned for emergency medical services. It is anticipated that the Department would continue to maintain its current fleet of vehicles (ambulances and fly-cars) and replace aging vehicles and equipment as necessary.²⁶

Other Emergency Services.

Westchester County Department of Emergency Services. The Department has no plans to expand its services or resources. The Department anticipates maintaining the same level of service and response times in the Future Without the Project.²⁷

²⁴ Based on correspondence from Louis S. D'Aliso, Commissioner of the Westchester County Department of Public Safety, dated January 24, 2003.

²⁵ Based on a telephone interview with Jim Spies of the Valhalla Volunteer Ambulance Corps on January 29, 2003.

²⁶ Based on a telephone interview with Captain George Weisner of the Greenburgh Police Department on August 23, 2002.

²⁷ Based on a telephone interview with Pat Kelly, the Commissioner of Emergency Services in Westchester County on September 6, 2002.

NYCDEP Hazardous Materials Teams. Some of the members of the hazardous materials team would be relocate to the new NYCDEP Police Force precinct, which would be located on the southwestern corner of the north parcel of the Eastview Site by 2006. This location would give the unit a centralized precinct. The force would determine if additional staffing is necessary to meet its mission.

4.4.2.2.2. With Croton Project at Eastview Site

In this scenario, the Croton project would be constructed on the north parcel. Community facilities in the area surrounding the Eastview Site are not anticipated to change substantially by the year 2010, the initial year of operation for the proposed facility.

The proposed Croton project would include one building located in the northwest corner of the 83-acre north parcel. During operation of the plant there would be a total of 53 workers employed at the water treatment plant. Additionally, during construction, 652 construction workers would be employed on-site for a total of 5 years. Due to the temporary nature of the construction activity, these construction workers and their families are not anticipated to move into the study area.

Schools, Child Care Centers, and Educational Facilities. It is unlikely that proposed plant employees with young children would all use childcare centers in the study area.

Hospitals and Public Health Facilities. Westchester Medical Center has indicated that it would be able to adequately provide medical services to the employees of the proposed plant in the event of an emergency.

Fire Protection. The Valhalla Fire Department has indicated that it could adequately meet Fire Department needs of the proposed plant in the future,²⁸ and under the County's mutual aid program, neighboring fire districts such as the Elmsford Fire Department and Grasslands Fire Brigade could be called in for backup support.

Police Protection. The Mount Pleasant Police Department does not anticipate that the proposed plant would generate a significant increase in calls for service based on the low demand currently generated by other NYCDEP facilities within the Town (e.g., Delaware Aqueduct Shaft No. 18 at Kensico Reservoir). The Greenburgh Police Department would respond to emergencies at the proposed plant only in the event that outside assistance is needed (e.g., via the County mutual aid program).^{29, 30}

²⁸ Information based on correspondence with the Valhalla Fire Department on June 5, 2002.

²⁹ Based on a telephone conversation with Chief Louis Alagno of the Mount Pleasant Police Department on August 23, 2002.

³⁰ Based on a telephone conversation with Captain George Weisner of the Greenburgh Police Department on August 23, 2002.

Emergency Medical Services. The Valhalla Volunteer Ambulance Corps and the Greenburgh Police Department do not anticipate any changes to emergency medical services due to the operation of the proposed project.³¹

Other Emergency Services. The other Emergency Services would be able to respond to emergencies at the proposed plant, but it is not anticipated that the proposed project would have an effect on the demand placed on the Westchester County Department of Emergency Services and the surrounding Hazardous Materials Teams.

In the event of an emergency during the construction of the proposed facility, local hospitals, public health facilities, fire protection services, police protection services, and emergency medical services would respond appropriately.

4.4.3. Potential Impacts

4.4.3.1. Potential Project Impacts

The first full year of operation for the proposed UV Facility would be 2010. Therefore, potential project impacts have been assessed by comparing the Future With the Project conditions against the Future Without the Project conditions for the year 2010 for both scenarios.

4.4.3.1.1. Without Croton Project at Eastview Site

The proposed Catskill/Delaware UV Facility would be located on the north parcel of the Eastview Site. It would consist of a main disinfection building, a North Forebay structure, a South Forebay structure (below grade), a Shaft No. 19 superstructure, an electrical/generator building, and guard house. The main access road to the proposed facility would connect to Walker Road, which borders the western edge of the north parcel. The guard house is the only structure to be located on the west side of the north parcel; the other above grade structures would be on the east side of the north parcel in the vicinity of Shaft No. 19. A new water conveyance would deliver treated water from the proposed UV Facility to the Catskill Aqueduct at the Catskill Connection Chamber (CCC) on the south parcel. The CCC would be rehabilitated and expanded as part of this project. The conveyance route would be located below grade. Additionally, a second conveyance to deliver pressurized raw Catskill water from a new CCC on the south parcel to the proposed UV Facility is also under consideration; this conveyance would also be below grade. NYCDEP could construct a pumping station adjacent to Route 100C in order to provide the Town of Mount Pleasant with UV treated water (see Section 7, Alternatives, for more information regarding this method of conveying UV treated water to the Town of Mount Pleasant). UV treated water could also be supplied to the Town via a separate UV Facility that could be constructed at the Town's Stevens Avenue Storage Tanks (see Section 5.1, Kensico Reservoir Work Sites, for more information regarding this method of conveying UV treated water to the Town of Mount Pleasant).

Schools, Child Care Centers, and Educational Facilities. As discussed above, one school (New York Medical College) and three childcare centers/nursery schools (Children's

³¹ Based on a telephone interview with Jim Spies of the Valhalla Volunteer Ambulance Corps on January 29, 2003.

Corner Nursery School, Treetops Child Care Center and Bright Horizons Children's Center) are located within the study area. Traffic from the proposed project would not be routed through Grasslands Reservation; therefore, the Medical College would not be affected by increased traffic flow. The childcare centers are far enough from the Eastview Site and are not along probable traffic routes; therefore, they would not be impacted by increased traffic from the proposed project.

The childcare facilities could experience increased enrollment as a result of the workers who would be employed at the proposed facility. Demand for day care services, or enrollment, could increase if facility workers with young children choose to use these facilities. Of the three childcare facilities located within the study area, both Bright Horizons Children's Center and Treetops Child Care Center are currently operating below capacity (see Table 4.4-1). Since it is unlikely that facility workers with young children would all use childcare centers in the study area, the proposed project is not likely to result in any significant adverse impacts on childcare centers in the study area. Enrollment at New York Medical College in Grasslands Reservation would not be affected by the proposed project since it is an institution of higher education and is selective on the number of applicants it accepts. The operation of the proposed facility is not anticipated to deter applications to the school.

Hospitals and Public Health Facilities.

Westchester Medical Center. Based on consultation with Westchester Medical Center regarding similar facilities, Westchester Medical Center has indicated that it would be able to adequately provide medical services to the employees at the Eastview Site in the event of an emergency.³² For routine services, the medical center offers an occupational health services program that would be available to the new employees. To prepare for a large-scale emergency, the City would work with the County and the appropriate facilities to develop and implement a disaster-preparedness plan within the Health and Safety Plan for the proposed project. This plan would be similar in nature to the one employed by the Town of Greenburgh Police Department in preparation for an emergency at the Indian Point Nuclear Power Plant, but would be specifically designed to handle an emergency at the proposed facility.³³ Therefore, the proposed project is not anticipated to have any significant adverse impacts on the medical center.

Fire Protection.

Town of Mount Pleasant. In the event of a fire or other emergency at the proposed facility that requires assistance from off-site fire protection services, the Valhalla Fire Department could be called to respond. In the event of a large-scale emergency, the Valhalla Fire Department could be called in to assist NYCDEP Police Force and Hazardous Materials Teams. Therefore, the Town could work with the City and the appropriate facilities to develop and implement a disaster-preparedness plan within the Health and Safety Plan for the proposed project.

³² Per a telephone conversation with Marianne Oros, Vice President of Planning for the Westchester Medical Center, on May 24, 2000.

³³ Information obtained from the Westchester Medical Center website at <http://www.wcmc.com> and per a telephone conversation with Marianne Oros, Vice President of Planning for the Westchester Medical Center, in May 2000.

The Valhalla Fire Department has indicated that it could adequately meet the needs of a facility similar to the proposed facility in the future.³⁴ Therefore, the proposed project would not result in a significant adverse impact to the Fire Department and its service area.

Town of Greenburgh. Under the County's mutual aid program, neighboring fire districts such as the Elmsford Fire Department could be called in for backup support. Such support would be needed during a very rare large-scale emergency. Therefore, the Town could work with the City and the appropriate facilities to develop and implement a disaster-preparedness plan within the Health and Safety Plan for the proposed project. This would not result in a significant adverse impact to the Elmsford Fire Department and its service area.

Grasslands Fire Brigade. In the event of a fire emergency at the proposed facility, the Grasslands Fire Brigade could be an additional responder to the Eastview Site on weekdays during the hours of 8:00 AM to 3:30 PM, under the County's mutual aid program. Therefore, the Brigade could work with the City and the appropriate facilities to develop and implement a disaster-preparedness plan within the Health and Safety Plan for the proposed project. It is anticipated that the demand on the Department from the proposed facility would be equivalent to a new office building, and the Department has indicated that it would be able to adequately meet demand from a facility similar to the proposed project in the event of an emergency.³⁵ Therefore, the proposed project is not anticipated to have any significant adverse impacts on the Grasslands Fire Brigade.

Police Protection.

Town of Mount Pleasant. It is not anticipated that the proposed project would generate a significant increase in calls for service to the Mount Pleasant Police Department based on the low demand currently generated by other NYCDEP facilities within the Town (e.g., Delaware Aqueduct Shaft No.18 at Kensico Reservoir). While the NYCDEP Police would hold primary responsibility for an emergency at the proposed facility, there is the potential for the Mount Pleasant Police Department to be called in to assist. Therefore, the Town could work with the City and the appropriate facilities to develop and implement a disaster-preparedness plan within the Health and Safety Plan for the proposed project.

The Mount Pleasant Police Department is anticipating an expansion of its police force in the future, regardless of the proposed project. By 2010, the operation year for the proposed project, the Police Department is hoping to increase staff size by 10 percent, which would bring the total staff to 106 people. In addition, equipment and programs would be expanded and updated as needed in order to maintain adequate service levels. Based on this information, the proposed project is not anticipated to result in any significant adverse impacts to the Mount Pleasant Police Department and its service area.³⁶

³⁴ Information based on correspondence with the Valhalla Fire Department on June 5, 2002.

³⁵ Based on a telephone interview with Chief Nicholas Gasparre of the Grasslands Fire Brigade on January 29, 2003.

³⁶ Based on a telephone conversation with Chief Louis Alagno of the Mount Pleasant Police Department on August 23, 2002.

Town of Greenburgh. It is not anticipated that the proposed water conduits to the Catskill Aqueduct and associated facilities within the Town of Greenburgh would generate a significant increase in calls for service based on the low demand currently generated by other NYCDEP facilities within the Town of Greenburgh. While the NYCDEP Police would hold primary responsibility for an emergency at the Eastview Site, there is the potential for the Town of Greenburgh Police Department to be called in to assist. Therefore, the Town could work with the City and the appropriate facilities to develop and implement a disaster-preparedness plan within the Health and Safety Plan for the proposed project.

According to the Greenburgh Police Department, any new development in the Town could potentially result in increased demand for police services due to theft, parking complaints, traffic accidents, and medical emergencies.³⁷ The ability of the Greenburgh Police Department to adequately service the Town, and respond to mutual aid requests from neighboring districts, would depend on whether or not the Police Department is able to add staff as development occurs within the Town. The Town Board currently determines the Police Department budget and decides whether or not new staff is necessary. It is assumed that as new development occurs in the Town of Greenburgh, the Police Department would be permitted to increase its staff and programs to meet the demands of such growth. The Greenburgh Police Department estimates that at least five additional police officers would be needed by 2010, regardless of the proposed project. Overall, the proposed facility is not anticipated to have any significant adverse impacts on the Greenburgh Police Department and its service area.

The Greenburgh Police Department has indicated that it also has the resources to assist NYCDEP in the event of a release or spill at the proposed facility, or from delivery trucks traveling to and from the Eastview Site. The Greenburgh Police Department receives extensive training for large-scale emergencies and also maintains a Technical Rescue Unit. This Unit was formed under the auspices of the Police Department in 1998 as a specialized response unit for extremely hazardous and difficult rescue situations. The team is composed of volunteers including sworn and civilian members of the Police Department who hold certification as paramedics and firefighters.

Westchester County Department of Public Safety. The Westchester County Department of Public Safety presently provides police coverage to the County parks and buildings, including Grasslands Reservation. The proposed project is not anticipated to have an effect on the demand placed on the Westchester County Department of Public Safety, although this department may be called upon for backup support in the event of a large-scale emergency at the proposed facility. Therefore, the County could work with the City and the appropriate facilities to develop and implement a disaster-preparedness plan within the Health and Safety Plan for the proposed project.

³⁷ Based on a telephone conversation with Captain George Weisner of the Greenburgh Police Department on August 23, 2002.

It is anticipated that the Department would be enlarged to maintain adequate levels of service in the future, regardless of the proposed project. Therefore, the proposed project would not have any significant adverse impacts on the Westchester County Department of Public Safety.³⁸

NYCDEP Police Force. It is anticipated that the staffing and services of the NYCDEP Police Force would remain unchanged with respect to the proposed project. Some staff members would be relocated to the Eastview Site by 2006 to be stationed at the new NYCDEP Police Precinct. As stated in the Future Without the Project, the force would be the primary response team for emergency and security calls for all of the City's water supply facilities in the area; construction of a new precinct on the Eastview Site would provide additional security for the proposed project. No significant adverse impacts on the NYCDEP police force are anticipated from the operation of the proposed project.

Emergency Medical Services.

Town of Mount Pleasant. The Valhalla Volunteer Ambulance Corps does not anticipate any significant adverse impacts from the proposed project.³⁹ In the event of a large-scale emergency the Town may be called upon for backup support at the project site. The Town could work with the City and the appropriate facilities to develop and implement a disaster-preparedness plan within the Health and Safety Plan for the proposed project. Therefore, no significant adverse impacts would be anticipated to occur.

Town of Greenburgh. The Greenburgh Police Department provides emergency medical services to the Town and to neighboring districts that request assistance through the mutual aid agreement. Therefore, the Town could work with the City and the appropriate facilities to develop and implement a disaster-preparedness plan within the Health and Safety Plan for the proposed project.

It is anticipated that the Department would be enlarged to maintain adequate levels of service in the future, regardless of the proposed project.⁴⁰ Therefore, the proposed project is not anticipated to have any significant adverse impacts on emergency medical services in the Town of Greenburgh.

³⁸ Based on a telephone conversation with Captain George Weisner of the Greenburgh Police Department on August 23, 2002.

³⁹ Based on a telephone conversation with Mr. McParlant of the Valhalla Volunteer Ambulance Corps on March 26, 2004.

⁴⁰ Based on a telephone conversation with Captain George Weisner of the Greenburgh Police Department on August 23, 2002.

Other Emergency Services.

Westchester County Department of Emergency Services. It is not anticipated that the proposed project would have an effect on the demand placed on the Department. However, in the event of a large-scale emergency at the proposed facility, the Department could potentially be called in to assist local municipalities and other emergency services, coordinate resources, and respond to the emergency. Therefore, the County could work with the City and the appropriate agencies to develop and implement a disaster-preparedness plan within the Health and Safety Plan for the proposed project. The Commissioner of Emergency Services does not anticipate the proposed project would affect the Department's ability to provide services and training to fire and emergency medical personnel in the County. Therefore, the proposed project would not have any significant adverse impacts on the Department.⁴¹

NYCDEP Hazardous Materials Teams. It is anticipated that the staffing and services of the Hazardous Materials Teams would remain unchanged with respect to the proposed project. As stated in the Future Without the Project, the force would be the primary response team for emergency and security calls from all of the City's water supply facilities. No significant adverse impacts are anticipated to the Hazardous Materials Teams from the operation of the proposed project.

Overall, operation of the proposed project is not anticipated to result in a significant adverse impact on the surrounding community facilities. In the past, the NYCDEP has worked with area emergency services in training and disaster preparedness. With the proposed project, the NYCDEP would prepare a Health and Safety Plan; this plan would be developed with assistance from area service providers and operations to provide adequate training and information to those services that may be called upon for assistance during emergency situations. These plans would coordinate various responses to emergency situations and identify responsibilities to the Incident Commander. In addition, the plans would include evacuation plans and procedures for employees and area residents and a protocol for area medical services. Additional training of area services is currently being evaluated. NYCDEP is revisiting its current training practices and would incorporate the proposed project and new security measures of the NYCDEP into future plans.

4.4.3.1.2. With Croton Project at Eastview Site

Overall, the introduction of the proposed UV Facility at the Eastview Site in addition to the Croton project is not anticipated to result in a significant adverse impact on the surrounding community facilities. In the past, the NYCDEP has worked with area emergency services in training and disaster-preparedness. The NYCDEP would continue to work with involved agencies to create and implement a response plan for emergencies relating to the proposed UV Facility. This plan would be developed with assistance from area service providers and operations to provide adequate training and information to those services that may be called upon for assistance during emergency situations. These plans would be developed to coordinate various responses to emergency situations and identify responsibilities to an Incident

⁴¹ Per a telephone interview with Pat Kelly, the Commissioner of Emergency Services in Westchester County on September 6, 2002.

Commander. In addition, the plans would have to include evacuation plans and procedures for employees and area residents along with the establishment of a protocol for area medical services. Additional training of area services would be considered. NYCDEP would revisit its current training practices and incorporate the introduction of the proposed UV Facility at the Eastview Site and any new NYCDEP security measures into future plans.

Schools, Child Care Centers, and Educational Facilities. The addition of the proposed UV Facility at the Eastview Site with the Croton project would result in an increase of 31 employees on-site. It is anticipated that some of the UV Facility employees and their families would relocate to the area and would take advantage of the local childcare centers. The families of these employees would not be anticipated to have adverse impacts on the child care centers in the study area since two of these centers are currently below capacity.

Hospitals and Public Health Facilities. The addition of the proposed UV Facility at the Eastview Site with the Croton project would generate 31 new employees. It is anticipated that some of the proposed project employees and their families would relocate to the study area and would take advantage of local hospitals and public health facilities. The study area is already characterized as light industrial, with office parks and other similar developments in the area. Therefore, these 31 additional employees and their families are not anticipated to have adverse impacts on the local hospitals and public health facilities within the study area.

Fire and Police Protection and Emergency Medical Services. The addition of 31 employees with the proposed UV Facility is not anticipated to significantly affect the ability of local fire departments, police precincts, or other emergency medical services to respond to emergencies at the Eastview Site.

4.4.3.2. Potential Construction Impacts

The anticipated year of peak construction for the proposed project is 2008. Therefore, potential construction impacts have been assessed by comparing the Future With the Project conditions against the Future Without the Project conditions for the year 2008 for both scenarios.

4.4.3.2.1. Without Croton Project at Eastview Site

Schools, Child Care Centers, and Educational Facilities. If all of the 480 construction workers for the proposed facility were to relocate to the project area, it is estimated that some new children would attend schools and day care facilities in the study area. However, due to the temporary nature of the construction work it is very unlikely that all 480 construction workers would relocate to the study area, no significant adverse impacts are anticipated to occur to educational or day care facilities within the study area.

Hospitals and Public Health Facilities. In the event of an emergency during the construction of the proposed facility, workers in need of medical treatment would be transported to the nearby Westchester Medical Center. The Westchester Medical Center has a Level 1 trauma center, which means it is equipped and has been designated to provide emergency medical care on a large scale. Given the extensive resources at the Westchester Medical Center

and its proximity to the proposed UV Facility, any additional demand would be anticipated to have a minimal effect, if any, on hospital resources and would not be anticipated to affect the hospital's response times or service levels. In addition, the County could work with the City and the appropriate agencies to develop and implement a safety plan that would adequately assess the construction activities and identify potential needs.

While it is possible that construction of the proposed facility would result in temporary increases in traffic delays along roadways near the hospital, construction traffic within the Grasslands Reservation would be limited to passenger vehicles. Therefore, construction of the proposed facility is not anticipated to have a significant adverse impact to the hospitals and health facilities in the study area.

The Blythedale Children's Hospital is located along Bradhurst Avenue. Construction of the proposed facility would not result in any temporary significant increases in traffic delays along this roadway. Emergency vehicles and ambulances would be allowed to pass through any congested area; in addition, the City could work with the Hospital to develop and implement a safety plan that would adequately assess the construction activities and identify potential needs. An assessment of potential air quality and noise impacts in the vicinity of the hospital was also performed; no significant adverse impacts on the Bradhurst Avenue corridor north of Route 100C (where the Blythedale Children's Hospital is located) are anticipated. Therefore, no significant adverse impacts to the care of patients at the Blythedale Children's Hospital would be anticipated as a result of the proposed construction.

Fire Protection Services.

Town of Mount Pleasant. In the event of a fire or other emergency at the construction site that requires assistance from off-site fire protection services, the Valhalla Fire Department could be called to respond. Although the NYCDEP Police Force and Hazardous Materials Team would be the primary responders in the event of a chemical release or spill at the construction site, the Valhalla Fire Department could be called in to assist NYCDEP in the event of a large-scale emergency. Therefore, the Town could work with the City and the appropriate agencies to develop and implement a safety plan that would adequately assess the construction activities and identify potential needs. With this plan in place, proposed construction would not result in a significant adverse impact on the Fire Department and its service area.

In addition, although construction activities could result in temporary increases in delays and congestion along roadways in the study area, fire protection vehicles would be allowed to pass through any congested areas. Therefore, no significant adverse impacts to the Valhalla Fire Department would be anticipated as a result of the proposed construction.

Town of Greenburgh. Construction of the proposed facility is not anticipated to result in any significant adverse impacts to the Elmsford Fire Department. In the event of a large-scale emergency, the proposed project could call upon the Town for assistance. The Town could work with the City and the appropriate agencies to develop and implement a safety plan that would adequately assess the construction activities and identify potential needs.

Although construction of the proposed facility could result in temporary increases in delays and congestion within the study area, the Elmsford Fire Department is located south of the roadways that would convey most of the project-generated traffic. Furthermore, as described above, fire protection vehicles would be allowed to pass through any congested areas. Therefore, no significant adverse impacts to the Elmsford Fire Department would be anticipated as a result of the proposed construction.

Grasslands Fire Brigade. No significant adverse impacts to the Grasslands Fire Brigade are anticipated as a result of the proposed construction. In the event of a fire emergency, the Fire Brigade has indicated that it could adequately provide services, should they be requested, to a construction project similar to the proposed facility construction, while also providing services to the remainder of Grasslands Reservation. The Brigade could work with the City and the appropriate agencies to develop and implement a safety plan that would adequately assess the construction activities and identify potential needs. Furthermore, construction traffic within Grasslands Reservation would be limited to passenger vehicles and would not be anticipated to increase traffic delays significantly within Grasslands Reservation.

Police Protection.

Town of Mount Pleasant. It is anticipated that the Mount Pleasant Police Department would be responsible for assisting with traffic control during the construction of the proposed facility which are not met by the NYCDEP Police Force. Therefore, the Mount Pleasant Police Department could experience increased demand related to traffic safety and control during the five-year construction period. The City of New York would work with the Mount Pleasant Police Department to identify the appropriate service strategy and ensure that adequate services are available and provided. Therefore, it is anticipated that construction of the proposed facility would not result in a significant adverse impact on the Police Department and it could continue to provide adequate services.

Town of Greenburgh. The Town of Greenburgh Police Department could experience increased demand for service related to traffic safety and control during construction activities. However, since most of the construction activity associated with the proposed facility would be located in the Town of Mount Pleasant, it is anticipated that the Mount Pleasant Police Department would bear the primary responsibility for any traffic services, which are not met by the NYCDEP Police Force. Therefore, the Greenburgh Police Department would only be called in to assist the Mount Pleasant Police Department during rare emergency situations that require mutual aid. In addition, the City of New York would work with the Town and the appropriate agencies to develop and implement the appropriate service strategy that would adequately assess the construction activities and identify potential needs.

Westchester County Department of Public Safety. It is anticipated that the Department would add personnel to maintain adequate levels of service in the future, regardless of the proposed project. Therefore, the proposed project is not anticipated to have any significant adverse impacts on the Westchester County Department of Public Safety.

The Westchester County Department of Public Safety may be called upon for backup support in the event of a large-scale emergency at the construction site. In addition, the County could work with the City and the appropriate agencies to develop and implement a safety plan that would adequately assess the construction activities and identify potential needs.

NYCDEP Police Force. The NYCDEP would be the primary responder to all potential emergencies at the proposed facility during and after construction. If necessary, NYCDEP Police would call for additional assistance from local municipalities as needed during rare emergency situations that require mutual aid. The existing NYCDEP Police Precinct at the Kensico Reservoir in the Town of Mount Pleasant and the planned NYCDEP Police Precinct at the Eastview Site would have adequate resources to respond to an emergency at the site. Therefore, construction of the proposed facility would not have any significant adverse impacts on the NYCDEP Police Force.

Emergency Medical Services.

Town of Mount Pleasant. It is not anticipated that the Valhalla Volunteer Ambulance Corps would experience significant adverse impacts from the proposed construction activities. However, the Town could work with the City to establish a safety plan that would adequately assess the construction activities and identify potential needs. With this plan in place, proposed construction would not result in a significant adverse impact to the Valhalla Ambulance Corps or its service area.

Town of Greenburgh. The Greenburgh Police Department provides emergency medical services to the Town and to neighboring districts that request assistance through the mutual aid agreement. The Town could work with the City and the appropriate agencies to develop and implement a safety plan that would adequately assess the construction activities and identify potential needs. It is anticipated that the Department would be enlarged to maintain adequate levels of service in the future, regardless of the proposed project.

Other Emergency Services.

Westchester County Department of Emergency Services. Construction activity at the Eastview Site as part of the proposed project would not be anticipated to affect the ability of the Department to provide services and training. Therefore, no significant adverse impacts on the Department are anticipated.

The Department may be called upon for backup support in the event of a large-scale emergency at the construction site. The City of New York could work with the County and the appropriate facilities to develop and implement a safety plan that would adequately assess the construction activities and identify potential needs.

NYCDEP Hazardous Materials Teams. Construction activity associated with the proposed facility would not be anticipated to affect the ability of the NYCDEP Hazardous Materials Teams to respond to an emergency. While construction of the proposed facility could result in temporary traffic disruptions along roadways in the study area, as described above, Hazardous Materials Team vehicles would be allowed to pass through any congested areas. Therefore, no significant adverse impacts to the NYCDEP Hazardous Materials Teams would be anticipated as a result of the proposed construction.

4.4.3.2.2. With Croton Project at Eastview Site

The increased demand from the construction of the proposed UV Facility at the Eastview Site with the Croton project is not anticipated to generate a significant adverse impact on the surrounding community facilities. In the past, the NYCDEP has worked with area emergency services in training and disaster-preparedness. For the construction of the Croton project with the proposed UV Facility, the NYCDEP would prepare a Health and Safety Plan to address the increased potential demand; this plan would be developed with assistance from area service providers and operators to provide adequate training and information to those services that may be called upon for assistance during emergency situations. These plans would coordinate various responses to emergency situations and identify responsibilities to the Incident Commander. In addition, the plans would include evacuation plans and procedures for construction workers, employees and area residents and establish a protocol for area medical services. NYCDEP would revisit its current training practices and incorporate the construction of the Croton project with the proposed UV Facility along with new security measures of the NYCDEP into future plans. The City of New York would also work with the Towns and the appropriate agencies to develop and implement the appropriate service strategy that would adequately assess the construction activities and identify potential needs.

Schools, Child Care Centers, and Educational Facilities. During the construction of the Croton project there would be 652 construction workers at the Eastview Site. The construction of the proposed UV Facility at the Eastview Site would add 480 more construction workers to the Eastview Site. It is highly unlikely that the 480 workers from the proposed facility and their families would relocate to the study area; therefore, no significant adverse impacts are anticipated to occur to educational or day care facilities within the study area. Furthermore, even though the construction of the proposed facility would create additional truck and construction worker passenger vehicle traffic in addition to existing truck traffic already generated from construction of the Croton project, the impacts would be short-term and temporary; therefore, no significant impacts are anticipated to occur to educational or day care facilities within the study area.

Hospitals and Public Health Facilities. It is not anticipated that the introduction of additional 480 construction workers associated with the proposed facility to the Eastview Site with the Croton project would have a significant adverse impact on the hospitals and public health facilities in the study area. The Westchester Medical Center has a Level 1 trauma rating, which means it is equipped and has been designated to provide emergency medical care on a large scale. Furthermore, even though the construction of the proposed facility would create additional truck and construction worker passenger vehicle traffic in addition to existing truck

traffic already generated from construction of the Croton project, the impacts would be short-term and temporary; therefore, no significant impacts are anticipated to occur to hospitals or public health facilities within the study area. The City of New York would work with the County and the appropriate agencies to develop and implement a safety plan that would adequately assess the construction activities and identify potential needs.

The Blythedale Children's Hospital is located along Bradhurst Avenue; this roadway would be impacted by temporary increases in traffic delays as a result of construction of the proposed UV Facility at the Eastview Site with the Croton project. However, although construction activities could result in temporary increases in delays and congestion, emergency vehicles (i.e., ambulances) would be allowed to pass through any congested areas. The City could also work with the Hospital to develop and implement a safety plan that would adequately assess the construction activities and identify potential needs. Therefore, no significant adverse impacts to the care of patients at the Blythedale Children's Hospital would be anticipated as a result of construction of the proposed UV Facility at the Eastview Site with the Croton project. As mentioned above, an assessment of potential air quality and noise impacts was also performed. It is not anticipated that the introduction of the additional truck traffic associated with the proposed UV Facility along Bradhurst Avenue would have a significant impact on the Bradhurst Avenue corridor north of Route 100C (where the Blythedale Children's Hospital is located).

Fire and Police Protection and Emergency Medical Services. It is not anticipated that the additional construction activities and the introduction of the 480 construction workers associated with construction of the proposed UV Facility at the Eastview Site with the Croton project could affect the ability of local fire departments, police precincts or various other forms of emergency medical services to respond to emergencies at the Eastview Site. Fire, Police, and Emergency Medical Services vehicles would be allowed to pass through any congested areas. Additionally, the City would work with the County and the appropriate agencies to develop and implement a safety plan that would adequately assess the construction activities and identify potential needs.

4.4.4. Potential Impacts of Relocating the Hammond House

NYCDEP may choose in the future to relocate the Hammond House from the Eastview Site to another location as part of the proposed UV Facility project due to security concerns associated with a private residence being located on the same site as critical components of the City's water system. As shown in [Figure 7-8](#) of [Section 7, Alternatives](#), which shows the NYCDEP's comprehensive long-term plan for the site, the Hammond House would be an isolated residential use surrounded by NYCDEP's water supply facilities. Since the Hammond House is a private residence, the relocation of the Hammond House would represent a decrease in the user population of community facilities in the Eastview Site study area. Therefore, the relocation of the Hammond House would not have an adverse effect on community facilities in the Eastview Site study area.