

**FINAL SUPPLEMENTAL ENVIRONMENTAL IMPACT STATEMENT FOR THE
CROTON WATER TREATMENT PLANT
AT THE EASTVIEW SITE**

5.4.	COMMUNITY FACILITIES	1
5.4.1.	Introduction.....	1
5.4.2.	Baseline Conditions	1
5.4.2.1.	Existing Conditions.....	1
5.4.2.2.	Future Without the Project.....	13
5.4.3.	Potential Impacts.....	17
5.4.3.1.	Potential Project Impacts	17
5.4.3.2.	Potential Construction Impacts.....	23
FIGURE 5.4-1. COMMUNITY FACILITIES EASTVIEW SITE		4
TABLE 5.4-1. COMMUNITY FACILITIES – EASTVIEW SITE		2

5.4. COMMUNITY FACILITIES

5.4.1. Introduction

This section examines the community facilities located within the half-mile study area, as well as those that provide services to the Eastview Site from locations beyond the study area. The half-mile study area generally includes facilities that could experience direct impacts from the proposed 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 considered. These types of services could experience indirect impacts of the proposed project as a result of increased service demand. The methodology used to prepare this analysis is presented in Section 4.4, Data Collection and Impact Methodologies, Community Facilities.

5.4.2. Baseline Conditions

5.4.2.1. Existing Conditions

As discussed in Section 5.2, Land Use, Zoning, and Public Policy, a wide range of land uses and development densities surround the Eastview Site. Several community facilities are located within a half-mile radius of the Eastview Site, including post-secondary schools, child care centers, hospitals, and emergency services (see Table 5.4-1 and Figure 5.4-1). These facilities could experience both direct and indirect impacts as a result of the construction and operation of the proposed project.

5.4.2.1.1. 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 5.4-1. 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 southwestern corner of the site.

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 5.7, Socioeconomic Analysis, and Section 5.8, Growth Inducement). The school itself is located outside of the study area, approximately three miles northwest of the Eastview Site.

TABLE 5.4-1. COMMUNITY FACILITIES – EASTVIEW SITE

Map Key #, Figure 5.4-1	Community Facility	Address	Notes
<i>Schools</i>			
1	New York Medical College	Grasslands Reservation, Valhalla, NY	956 Full-time Students; 396 Part-time Students
<i>Child Care Centers</i>			
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.
<i>Hospitals</i>			
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
<i>Emergency Services</i>			
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

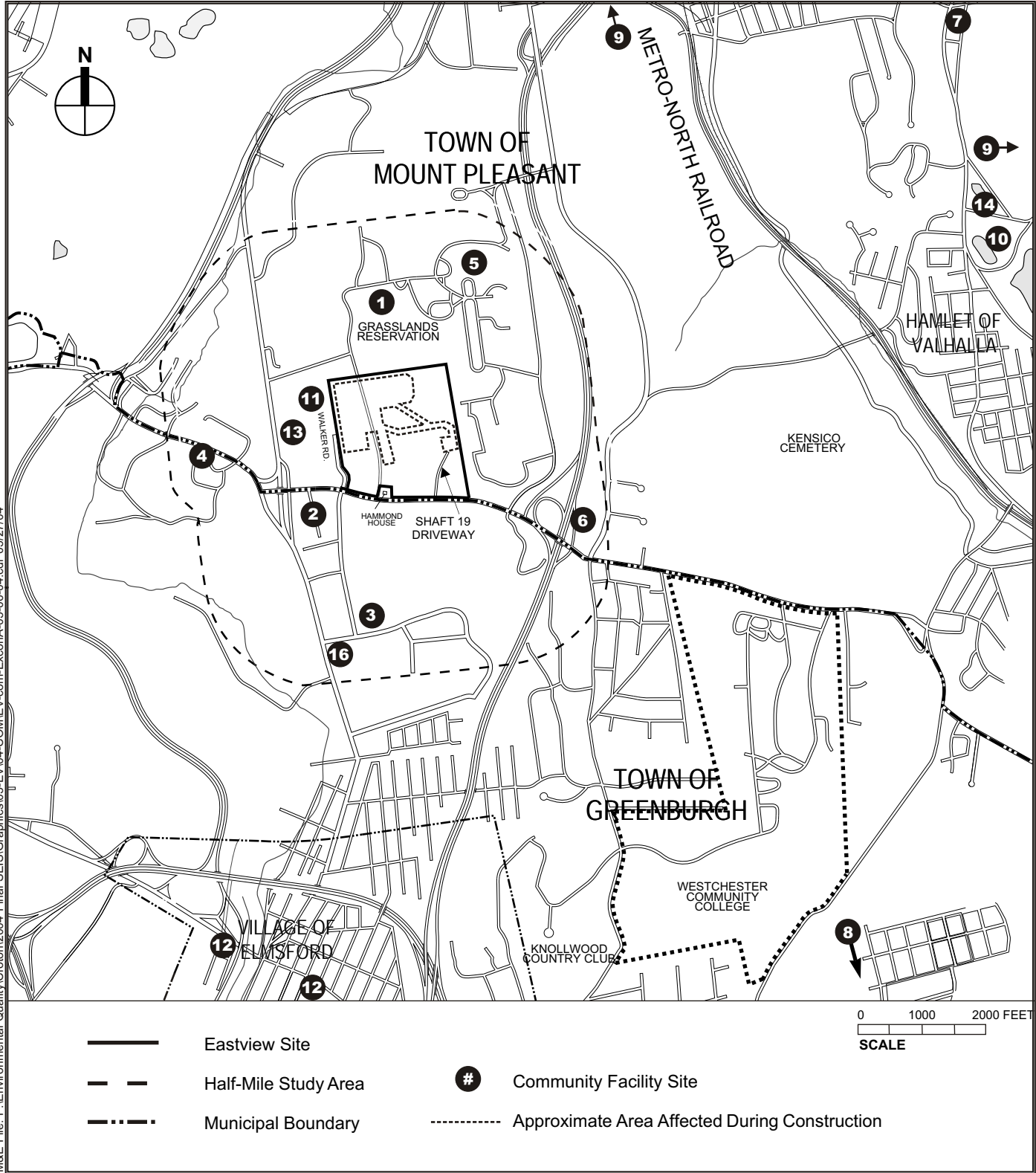
TABLE 5.4-1. COMMUNITY FACILITIES – EASTVIEW SITE

Map Key #, Figure 5.4-1	Community Facility	Address	Notes
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
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

Notes:

* Located outside of the 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.



Community Facilities Eastview Site

Figure 5.4-1

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 5.4-1).

5.4.2.1.2. 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 5.4-1). 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.

Scheduled to open in 2004 is a new 250,000 sq.ft. Children's Hospital. This new facility in the Westchester Medical Center would offer services for seriously ill and injured children. The new

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.

hospital will feature dedicated pediatric operating rooms, pediatric and neonatal intensive care units and pediatric emergency department and trauma center.³

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.

5.4.2.1.3. 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 5.4-1). 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 heavy rescue, 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, laboratories and research facilities, 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

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

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.

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

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. Fire protection for Grasslands Reservation, and the Eastview Site is provided by the Grasslands Fire Brigade, which is located at the Westchester County Fire Training Center (map location #11; see Figure 5.4-1). 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 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 5.4-1). 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

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

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.

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, Westchester 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.

5.4.2.1.4. 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 5.4-1). 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 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.

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 5.4-1). The drills serve to prepare the

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

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 5.4-1), 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 113 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 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 (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

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.

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

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 5.4-1). 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 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 5.4-1).

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 whom 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.

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.

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

5.4.2.1.5. *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 5.4-1). 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 for an emergency at the water treatment plant site or 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 5.4-1) 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 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.

The paramedic unit utilizes four ambulances and four paramedic quick response vehicles (fly-cars) to respond to emergencies. A minimum of two paramedics are 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 ambulance transport is performed by each village's independent volunteer ambulance corps or fire department. 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

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

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

5.4.2.1.6. Other Emergency Services

Westchester County Department of Emergency Services. The Department of Emergency Services 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 (map location #11; see Figure 5.4-1) 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 Westchester 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 5.4-1). The Fire Training Center includes the County's communication center, the Hazardous Materials Response 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 Westchester 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.

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.

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

5.4.2.2. Future Without the Project

The Future Without the Project conditions were developed for the anticipated peak year of construction (2008) and the anticipated year of operation (2010) for the proposed plant. 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 Catskill/Delaware Ultraviolet (UV) Light Disinfection Facility (Cat/Del UV Facility) is not located on the Eastview Site and another in which it is located on the site, specifically in the southeast corner of the site. It should be noted that the Eastview Site is the only location under consideration for the Cat/Del UV Facility. This scenario is being evaluated because the Cat/Del UV Facility has not yet received its necessary approvals from the Towns of Mount Pleasant or Greenburgh or other approval entities. By the peak construction year, two additional NYCDEP projects could be located on the Eastview Site, namely a Police Precinct and possibly an East-of-Hudson Administration Building²¹. The Police Precinct may be located in the southwest corner of the Eastview Site. The location of the Administration Building is less certain, however, as the Eastview Site is one of several properties currently being evaluated for use as a possible site for this facility. 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 in this Final SEIS to the extent to which information is available. They are all separate actions from the proposed Croton project and would undergo their own independent environmental reviews.

5.4.2.2.1. Without Cat/Del UV Facility 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.

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.

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

²¹ This depends on the results of a siting evaluation which is currently ongoing. The siting decision will be evaluated and discussed as part of a separate independent environmental review.

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 the 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.²²

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.²³ 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 will hire approximately five new officers by 2010.²⁴

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

²² Based on telephone interview with Chief Nicholas Gasparre of the Grasslands Fire Brigade on January 29, 2003.

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

²⁴ Based on a telephone interview with Captain George Weisner of the Greenburgh Police Department on August 23, 2002.

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.²⁵

NYCDEP Police Force. By 2005, 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.²⁶

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.²⁷

Other Emergency Services.

Westchester County Department of Emergency Services. The Westchester County Department of Emergency Services indicates that it has no plans to expand its services or resources. The Department anticipates to maintain the same level of service and response times in the future without the project.²⁸

NYCDEP Hazardous Materials Teams. Some of the members of the hazardous materials team would be relocate to the new NYCDEP Police Force precinct, which will be located on the southwestern corner of the Eastview Site by 2005. This location would give the unit a centralized precinct. The force would determine if additional staffing is necessary to meet its mission.

²⁵ Based on correspondence from Louis S. D'Aliso, Commissioner of the Westchester County Department of Public Safety, dated January 24, 2003.

²⁶ Based on a telephone interview with Jim Spies of the Valhalla Volunteer Ambulance Corps on January 29, 2003.

²⁷ Based on a telephone interview with Captain George Weisner of the Greenburgh Police Department on August 23, 2002.

²⁸ Based on a telephone interview with Pat Kelly, the Commissioner of Emergency Services in Westchester County on September 6, 2002.

5.4.2.2.2. With Cat/Del UV Facility at Eastview Site

In this scenario the Cat/Del UV Facility would be constructed on the southeast corner of the Eastview Site. This facility would be separate and independent of the proposed Croton project and would undergo its own independent environmental review. The Cat/Del UV facility would be completed by 2009.

During operation of the Cat/Del UV Facility there would be a total of 31 workers employed at the facility. Additionally, during construction, up to 480 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 Cat/Del UV Facility 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 a facility similar to the Cat/Del UV Facility in the event of an emergency.

Fire Protection. The Valhalla Fire Department has indicated that it could adequately meet Fire Department needs of a facility similar to the Cat/Del UV Facility in the future,²⁹ 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 a facility similar to the Cat/Del UV Facility 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).³⁰ The Greenburgh Police Department would respond to emergencies at the Cat/Del UV Facility only in the event that outside assistance is needed (e.g., via the County mutual aid program).³¹

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 a facility similar to the Cat/Del UV Facility in their service area.³²

Other Emergency Services. Other Emergency Services would be able to respond to emergencies at the Cat/Del UV Facility, but it is not anticipated that the facility would have an effect on the demand placed on the Westchester County Department of Emergency Services and the surrounding Hazardous Materials Teams.

²⁹ Information based on correspondence with the Valhalla Fire Department on June 5, 2002.

³⁰ Based on a telephone conversation with Chief Louis Alagno of the Mount Pleasant Police Department on August 23, 2002.

³¹ Based on a telephone conversation with Captain George Weisner of the Greenburgh Police Department on August 23, 2002.

³² Based on a telephone interview with Jim Spies of the Valhalla Volunteer Ambulance Corps on January 29, 2003.

In the event of an emergency during the construction of the Cat/Del UV Facility, local hospitals, public health facilities, fire protection services, police protection services, emergency medical services would respond appropriately.

5.4.3. Potential Impacts

5.4.3.1. Potential Project Impacts

The anticipated year of operation for the proposed Croton project is 2010. Therefore, potential project impacts have been assessed by comparing the Future With the Project conditions against the Future Without the Project conditions, both with and without the Cat/Del UV Facility.

5.4.3.1.1. Without Cat/Del UV Facility at Eastview Site

The proposed Croton project would be located on the Eastview Site. The main access road to the proposed Croton project would connect to Walker Road, which borders the western edge of the site.

Schools, Child Care Centers, and Educational Facilities. As discussed above, one school (New York Medical College) and three childcare centers/nursery schools (Children's Corner Nursery School, Treetops Child Care Center and Bright Horizons Children's Center) are located within the study area. Traffic from the proposed Croton 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 Croton project.

The childcare facilities could experience increased enrollment as a result of the workers who would be employed at the proposed plant. Demand for day care services, or enrollment, could increase if plant 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 5.4-1). Since it is unlikely that proposed workers with young children would all use childcare centers in the study area, the proposed action 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 Croton project since it is an institution of higher education and is selective on the number of applicants it accepts. The operation of the proposed Croton project 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 of the proposed plant in the event of an

emergency.³³ For routine services, the medical center offers an occupational health services program that would be available to the employees at the proposed plant. 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 Croton 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 water treatment plant.³⁴ Therefore, the proposed Croton 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 plant 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 Team. Therefore, the Town would 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 Croton project.

The Valhalla Fire Department has indicated that it could adequately meet the needs of the proposed plant in the future.³⁵ Therefore, the proposed Croton 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 Croton 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 plant, 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 Croton project. It is anticipated that the demand on the Department from the proposed plant would be equivalent to a new office building, and the Department would be able to adequately meet demand from the proposed plant in the event of an emergency. Overall, the Chief indicated that the proposed project would have a minimal effect on the Department and its service area. Therefore, the

³³ Per a telephone conversation with Marianne Oros, Vice President of Planning for the Westchester Medical Center, on May 24, 2000.

³⁴ 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.

³⁵ Information based on correspondence with the Valhalla Fire Department on June 5, 2002.

proposed Croton project would not have any significant adverse impacts on the Grasslands Fire Brigade.³⁶

Police Protection.

Town of Mount Pleasant. The Mount Pleasant Police Department does not anticipate the proposed Croton project generating 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). While the NYCDEP Police would hold primary responsibility for an emergency at the proposed plant, 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 Croton project.

The Mount Pleasant Police Department is anticipating an expansion of its police force in the future, regardless of the proposed Croton project. By 2010, the operation year for the proposed Croton project, the Police Department is hoping to increase staff size by ten 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 Croton project is not anticipated to result in any significant adverse impacts to the Mount Pleasant Police Department and its service area.³⁷

Town of Greenburgh. Since the Eastview Site is located in the Town of Mount Pleasant, the Greenburgh Police Department would respond to emergencies at the proposed plant only in the event outside assistance is needed (e.g., via the County mutual aid program). 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 Croton 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.³⁸ 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 will be needed by 2010, regardless of the proposed Croton project. Overall, the proposed plant is not anticipated to have any significant adverse impacts on the Greenburgh Police Department and its service area.

³⁶ Based on a telephone interview with Chief Nicholas Gasparre of the Grasslands Fire Brigade on January 29, 2003.

³⁷ Based on a telephone conversation with Chief Louis Alagno of the Mount Pleasant Police Department on August 23, 2002.

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

The Greenburgh Police Department has indicated that it also has the resources to assist NYCDEP in the event of a chemical release or spill at the proposed plant, or from chemical 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 the Grasslands Reservation. The proposed Croton 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 plant. 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 Croton project.

It is anticipated that the Department would be enlarged to maintain adequate levels of service in the future, regardless of the proposed Croton project. Therefore, the proposed Croton project would not have any significant adverse impacts on the Westchester County Department of Public Safety.³⁹

NYCDEP Police Force. It is anticipated that the staffing and services of the NYCDEP Police Force would remain unchanged with respect to the proposed Croton 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 Croton project. No significant adverse impacts on the NYCDEP police force are anticipated from the operation of the proposed Croton project.

Emergency Medical Services.

Town of Mount Pleasant. The Valhalla Volunteer Ambulance Corps does not anticipate any significant adverse impacts from the proposed Croton project.⁴⁰ In the event of a large-scale emergency the Town may be called upon for backup support at the construction 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 Croton 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

³⁹ Based on a telephone conversation with Captain George Weisner of the Greenburgh Police Department on August 23, 2002.

⁴⁰ Based on a telephone interview with Jim Spies of the Valhalla Volunteer Ambulance Corps on January 29, 2003.

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 Croton project.

It is anticipated that the Department would be enlarged to maintain adequate levels of service in the future, regardless of the proposed Croton project. Therefore, the proposed Croton project is not anticipated to have any significant adverse impacts on emergency medical services in the Town of Greenburgh.⁴¹

Other Emergency Services.

Westchester County Department of Emergency Services. It is not anticipated that the proposed Croton project would have an effect on the demand placed on the Westchester County Department of Emergency Services. However, in the event of a large-scale emergency at the proposed plant, 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 Croton project. The Commissioner of Emergency Services does not anticipate the proposed Croton project would affect the Department's ability to provide services and training to fire and emergency medical personnel in Westchester County. Therefore, the proposed Croton project would not have any significant adverse impacts on the Westchester County Department of Emergency Services.⁴²

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 Croton 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 Croton project.

Overall, the proposed 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. With the proposed Croton 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 establish a protocol for area medical services. Additional training of area services is currently being evaluated. NYCDEP is revisiting its current training

⁴¹ Based on a telephone conversation with Captain George Weisner of the Greenburgh Police Department on August 23, 2002.

⁴² Per a telephone interview with Pat Kelly, the Commissioner of Emergency Services in Westchester County on September 6, 2002.

practices and would incorporate the proposed Croton project and new security measures of the NYCDEP into future plans.

5.4.3.1.2. With Cat/Del UV Facility at Eastview Site

Overall, the introduction of the proposed Croton project at the Eastview Site in addition to the Cat/Del UV Facility 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 Croton project. 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 Commander. In addition, the plans would 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 Croton project 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 Croton project at the Eastview Site with the Cat/Del UV Facility would result in an increase of 53 employees on-site. It is anticipated that some of the Croton project 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 Croton project at the Eastview Site with the Cat/Del UV Facility would generate 53 new employees. It is anticipated that some of the proposed Croton 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 53 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 53 employees with the Cat/Del 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.

5.4.3.2. Potential Construction Impacts

The anticipated year of peak construction for the proposed Croton 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, both with and without the Cat/Del UV Facility.

5.4.3.2.1. Without Cat/Del UV Facility at Eastview Site

Schools, Child Care Centers, and Educational Facilities. If all of the 652 construction workers proposed to work at the Eastview Site were to relocate to the proposed Croton project area, it is estimated that some new children would attend day care facilities in the study area. However, since it is very unlikely that all 652 construction workers would relocate to the study area, no significant adverse impacts are anticipated to occur to day care facilities within the study area.

Hospitals and Public Health Facilities. In the event of an emergency during the construction of the proposed plant, workers in need of medical treatment would be transported to the Westchester Medical Center in close proximity to the site. 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. Given the extensive resources at the Westchester Medical Center and its proximity to the proposed plant, 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. Therefore, 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 plant would result in temporary increases in traffic delays along roadways near the hospital, construction traffic within the Grassland Reservation would be limited to passenger vehicles. In addition, the Sprain Brook Parkway, which provides the most direct route to the Medical Center for passenger vehicles, would not be affected by construction activities. Therefore, construction of the proposed Croton project would not have a significant adverse impact to the hospitals and health facilities in the study area.

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 plant 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 Croton 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 plant 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 would be anticipated as a result of the proposed construction.⁴³ In the event of a fire emergency, the Fire Brigade has indicated that it could adequately provide services, should they be requested, while also providing services to the remainder of the Grasslands Reservation. Therefore, 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 in 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 plant, 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 could 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 plant would not result in a significant adverse impact on the Police Department and it would 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 the proposed plant would be located in the Town of Mount Pleasant, it is anticipated that the Mount Pleasant Police Department would bear the primary responsibility for

⁴³ Based on a telephone interview with Chief Nicholas Gasparre of the Grasslands Fire Brigade on January 29, 2003.

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. 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.

Westchester County Department of Public Safety. It is anticipated that the Department would add additional personnel to maintain adequate levels of service in the future, regardless of the proposed Croton project. Therefore, the proposed Croton project would not 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 site during and after construction. If necessary, NYCDEP Police would call for additional assistance from local municipalities only 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 police precinct on the Eastview Site would have adequate resources to respond to an emergency at the site. Therefore, construction of the proposed Croton project would not have any significant adverse impacts on the NYCDEP Police.

Emergency Medical Services.

Town of Mount Pleasant. It is not anticipated that the Valhalla Volunteer Ambulance Corps would experience any significant adverse impacts from the proposed construction activities. 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. 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. It is anticipated that the Department would be enlarged to maintain adequate levels of service in the future, regardless of the proposed Croton project.

Other Emergency Services.

Westchester County Department of Emergency Services. Construction activity at the Eastview Site as part of this project would not be anticipated to affect the ability of the Westchester County Department of Emergency Services to provide services and training.

Therefore, no significant adverse impacts on the Westchester County Department of Emergency Services are anticipated.⁴⁴

The Westchester County Department of Emergency Services may be called upon for backup support in the event of a large-scale emergency at the construction site. Therefore, the County could work with the City 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 at the project site would not be anticipated to affect the ability of the NYCDEP Hazardous Materials Teams to respond to an emergency. While construction of the proposed Croton project 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.

5.4.3.2.2. With Cat/Del UV Facility at Eastview Site

The increased demand from the construction of the proposed Croton project at the Eastview Site with the Cat/Del UV Facility 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 proposed Croton project at the Eastview Site with the Cat/Del 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 proposed Croton project at the Eastview Site with the Cat/Del UV Facility along with new NYCDEP security measures into future plans.

Schools, Child Care Centers, and Educational Facilities. During peak construction of the Cat/Del UV Facility there would be 480 construction workers at the Eastview Site. The construction of the proposed Croton project at the Eastview Site would add 652 more construction workers to the Eastview Site during the peak construction period. It is highly unlikely that the 652 workers from the proposed Croton project 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 Croton project would create additional truck and construction worker passenger vehicle traffic in addition to existing truck traffic already generated from construction of the Cat/Del UV Facility, 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.

⁴⁴ Based on a telephone conversation with Pat Kelly, the Commissioner of Emergency Services in Westchester County on September 6, 2002.

Hospitals and Public Health Facilities. It is not anticipated that the introduction of additional 652 construction workers associated with the proposed Croton project to the Eastview Site with the Cat/Del UV Facility 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 Croton project would create additional truck and construction worker passenger vehicle traffic in addition to existing truck traffic already generated from construction of the Cat/Del UV Facility, 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.

Fire and Police Protection and Emergency Medical Services. It is not anticipated that the additional construction activities and the introduction of the 652 construction workers associated with construction of the proposed Croton project at the Eastview Site with the Cat/Del UV Facility 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 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.